

The **KMP BRAND** **DETROIT DIESEL**[®]
Engine Book

& **ALL**
in ONE Engine Kit
Programme

May 2011



*Complete
Engine
Overhaul,
Out-of-Frame
and In-Frame Kits.*



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FROM THE CHAIRMAN'S DESK



Dear Customers,
I am pleased to introduce our latest literature for engine overhaul, out-of-frame and in-frame kits.

The concept of providing customers with a kit containing their requirements for a complete engine overhaul, as and when needed, has already been marketed in a few countries with a certain degree of success, but not to its fullest extent.

The **KMP BRAND** programme covers new and old engine models, various different kits and, as always, continues to supply individual components when our customers prefer.

There are many advantages of selling a kit in which all the components come from a well known BRAND name.

At KMP, we offer good availability, quality assurance, warranty by one source, comprehensive price and easy handling all in just one box, ensuring customers do not need to mix components from different suppliers.

We strongly believe in this concept and the many advantages it offers our stockists as well as end-users.

Therefore, we highly recommend that our customers promote the **KMP BRAND** range of KITS in their country.

I would also like to take this opportunity to call on our customers' support and encouragement in the ongoing investment we have undertaken in the development of many individual components, which are needed for the completion of kits.

With compliments,

J. Eisenberg
Chairman - The KMP GROUP





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IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT DIESEL 53 SERIES

CYLINDER BLOCK	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
GASKET KIT, ENGINE OVERHAUL	23517623	1	-	-
GASKET KIT, ENGINE OVERHAUL	23517624	-	1	-
GASKET KIT, ENGINE OVERHAUL	23512690	-	-	1
GASKET KIT, ENGINE OVERHAUL (5063-5299)(MILITARY)	8927743	-	-	1

ENGINE OVERHAUL GASKET KITS DO NOT INCLUDE CRANKSHAFT SEALS OR ROCKER COVER

CYLINDER HEADS	PART NO	3-53	4-53	6V53
CYLINDER HEAD (BARE) (4 VALVE)	5198203	1	-	2
CYLINDER HEAD (BARE) (4 VALVE)	5198202	-	1	-
CYLINDER HEAD (WITH VALVES & SPRINGS)	5198203V	1	-	2
CYLINDER HEAD (WITH VALVES & SPRINGS)	5198202V	-	1	-
GASKET KIT, CYLINDER HEAD OVERHAUL	5199811	1	-	2
GASKET KIT, CYLINDER HEAD OVERHAUL	5199812	-	1	-

CRANKSHAFT & RELATED PARTS	PART NO	3-53	4-53	6V53
CRANKSHAFT 3-53	8926897	1	-	-
CRANKSHAFT 4-53	8926898	-	1	-
CRANKSHAFT 6V53	23504732	-	-	1
SEAL, CRANKSHAFT OIL FRONT STD	5116224	1	1	1
SEAL, CRANKSHAFT OIL FRONT O.S. (SINGLE LIP)	5198503	1	1	1
SLEEVE, FRONT O.S. OIL SEAL	5198502	1	1	1
SEAL, CRANKSHAFT OIL REAR STD	5116229	1	1	1
SEAL & SLEEVE KIT, OIL REAR (TEFLON) R/H ROT ONLY	8926902	-	-	1
SEAL, CRANKSHAFT OIL REAR O.S. (SINGLE LIP) (DRY)	5196852	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DOUBLE LIP) (WET)	5128917	1	1	1
SLEEVE, REAR O.S. OIL SEAL	23516636	1	1	1

BEARINGS for IN-LINE ENGINES	PART NO	3-53	4-53	6V53
SHELL SET, MAIN BRG, STD. N/A	8924357	4	5	-
SHELL SET, MAIN BRG, .002" N/A	8924358	4	5	-
SHELL SET, MAIN BRG, .010" N/A	8924359	4	5	-
SHELL SET, MAIN BRG, .020" N/A	8924360	4	5	-
SHELL SET, MAIN BRG, .030" N/A	8924361	4	5	-
SHELL SET, MAIN BRG, STD. (TURBO)	8924357	4	5	-
SHELL SET, MAIN BRG, .002" (TURBO)	8924358	4	5	-
SHELL SET, MAIN BRG, .010" (TURBO)	8924359	4	5	-
SHELL SET, MAIN BRG, .020" (TURBO)	8924360	4	5	-
SHELL SET, MAIN BRG, .030" (TURBO)	8924361	4	5	-
WASHER, MAIN BRG. THRUST STD	5116197	4	4	-
WASHER, MAIN BRG. THRUST .005"	5196755	4	4	-
WASHER, MAIN BRG. THRUST .010"	5196756	4	4	-
PIN, DOWEL	141346	4	4	-
SHELL SET, CONNECTING ROD STD.	5149452	4	5	-
SHELL SET, CONNECTING ROD .002"	5149453	4	5	-
SHELL SET, CONNECTING ROD .010"	5149454	4	5	-
SHELL SET, CONNECTING ROD .020"	5149455	4	5	-
SHELL SET, CONNECTING ROD .020"	5149456	4	5	-

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DETROIT DIESEL 53 SERIES

CRANKSHAFT & RELATED PARTS (CONTINUED) BEARINGS FOR 6V53 ENGINES	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
SHELL SET, MAIN BRG, STD. (1 HOLE UPPER)	5195927	-	-	4
SHELL SET, MAIN BRG, .002" (1 HOLE UPPER)	5196684	-	-	4
SHELL SET, MAIN BRG, .010" (1 HOLE UPPER)	5196685	-	-	4
SHELL SET, MAIN BRG, .020" (1 HOLE UPPER)	5196686	-	-	4
SHELL SET, MAIN BRG, .030" (1 HOLE UPPER)	5196687	-	-	4
SHELL SET, MAIN BRG, STD. (7 HOLE UPPER)	5198410	-	-	4
SHELL SET, MAIN BRG, .002" (7 HOLE UPPER)	5198411	-	-	4
SHELL SET, MAIN BRG, .010" (7 HOLE UPPER)	5198412	-	-	4
SHELL SET, MAIN BRG, .020" (7 HOLE UPPER)	5198413	-	-	4
SHELL SET, MAIN BRG, .030" (7 HOLE UPPER)	5198414	-	-	4
WASHER, MAIN BRG. THRUST STD	5159353	-	-	4
WASHER, MAIN BRG. THRUST .005"	5160452	-	-	4
WASHER, MAIN BRG. THRUST .010"	5192111	-	-	4
PIN, DOWEL	141346	-	-	4
SHELL SET, CONNECTING ROD STD.	5197975	-	-	6
SHELL SET, CONNECTING ROD .002"	5197976	-	-	6
SHELL SET, CONNECTING ROD .010"	5197977	-	-	6
SHELL SET, CONNECTING ROD .020"	5197978	-	-	6
SHELL SET, CONNECTING ROD .030"	5197979	-	-	6

CONNECTING ROD & PISTONS	PART NO	3-53	4-53	6V53
CONNECTING ROD ASSY	5121262	3	4	-
CONNECTING ROD ASSY	5133109	-	-	6
BOLT, CONNECTING ROD	5197852	6	8	12
NUT, CONNECTING ROD	839103	6	8	12
BUSHING, CONNECTING ROD	5116181	3	4	6

CYLINDER KIT (NON TURBO) (TRUNK TYPE) 17.0:1 COMPRESSION RATIO	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	5198903	3	4	6
PISTON BODY	5195931	3	4	6
PISTON PIN	5116189	3	4	6
RETAINER, PISTON PIN	5108131	6	8	12
PISTON RING SET	5198822	3	4	6
CYLINDER LINER (.84" PORT HEIGHT)	5132803	3	4	6
SEAL, CYLINDER LINER	5121256	6	8	12

CYLINDER KIT (NON TURBO) (TRUNK TYPE) 21.0:1 COMPRESSION RATIO	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	5198899	3	4	6
PISTON BODY	5198877	3	4	6
PISTON PIN	5116189	3	4	6
RETAINER, PISTON PIN	5108131	6	8	12
PISTON RING SET	5149942	3	4	6
CYLINDER LINER (.84" PORT HEIGHT)	5132803	3	4	6
SEAL, CYLINDER LINER	5121256	6	8	12

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DETROIT DIESEL 53 SERIES

CYLINDER KIT (NON TURBO) (TRUNK TYPE) MILITARY 21.0:1 COMPRESSION RATIO	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	5199116	-	-	6
PISTON BODY	5198877	-	-	6
PISTON PIN	5116189	-	-	6
RETAINER, PISTON PIN	5108131	-	-	12
PISTON RING SET	5198901	-	-	6
CYLINDER LINER (.84" PORT HEIGHT)	5132803	-	-	6
SEAL, CYLINDER LINER	5121256	-	-	12

CYLINDER KIT (TURBO) (TRUNK TYPE) 17.5:1 COMPRESSION RATIO	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	5149315	-	4	-
PISTON BODY	5198572	-	4	-
PISTON PIN	5104651	-	4	-
RETAINER, PISTON PIN	5108131	-	8	-
PISTON RING SET	5149314	-	4	-
CYLINDER LINER (.84" PORT HEIGHT)	5132803	-	4	-
SEAL, CYLINDER LINER	5121256	-	8	-

CYLINDER KIT (TURBO) (TRUNK TYPE) 18.7:1 COMPRESSION RATIO (1.5" DIA. PIN)	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	5149734	-	4	6
PISTON BODY	8920717	-	4	6
PISTON PIN	5106902	-	4	6
RETAINER, PISTON PIN	5108175	-	8	12
PISTON RING SET	5149359	-	4	6
CYLINDER LINER (.84" PORT HEIGHT)	5132803	-	4	6
SEAL, CYLINDER LINER	5121256	-	8	12

CYLINDER KIT (TURBO) (CROSS-HEAD TYPE) 18.0:1 COMPRESSION RATIO (MILITARY)	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	23503778	-	-	6
CROWN, PISTON	23503948	-	-	6
SKIRT, PISTON	8924002	-	-	6
RING, CROSS-HEAD PISTON SEAL	8924733	-	-	6
PISTON PIN	8924735	-	-	6
BEARING, PISTON PIN (SLIPPER TYPE)	23504946	-	-	6
RETAINER, PISTON PIN	8924731	-	-	12
PISTON RING SET	23503780	-	-	6
CYLINDER LINER (.84" PORT HEIGHT)	5132803	-	-	6
SEAL, CYLINDER LINER	5121256	-	-	12

CYLINDER KIT (TURBO) (CROSS-HEAD TYPE) 18.0:1 COMPRESSION RATIO (INDUSTRIAL)	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	23503810	3	4	-
CROWN, PISTON	23503948	3	4	-
SKIRT, PISTON	8924002	3	4	-
RING, CROSS-HEAD PISTON SEAL	8924733	3	4	-
PISTON PIN	8924735	3	4	-
BEARING, PISTON PIN (SLIPPER TYPE)	23504946	3	4	-
RETAINER, PISTON PIN	8924731	6	8	-
PISTON RING SET	8927223	3	4	-
CYLINDER LINER (.74" PORT HEIGHT)	8926088	3	4	-
SEAL, CYLINDER LINER	5121256	6	8	-

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CYLINDER KIT (TURBO) (CROSS-HEAD TYPE) 18.0:1 COMPRESSION RATIO (INDUSTRIAL)	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
CYLINDER KIT	23503811	-	-	6
CROWN, PISTON	23503948	-	-	6
SKIRT, PISTON	8924002	-	-	6
RING, CROSS-HEAD PISTON SEAL	8924733	-	-	6
PISTON PIN	8924735	-	-	6
BEARING, PISTON PIN (SLIPPER TYPE)	23504946	-	-	6
RETAINER, PISTON PIN	8924731	-	-	12
PISTON RING SET	8927223	-	-	6
CYLINDER LINER (.84" PORT HEIGHT)	5132803	-	-	6
SEAL, CYLINDER LINER	5121256	-	-	12

PISTON DOME KIT (FOR CROSS-HEAD PISTONS)	PART NO	3-53	4-53	6V53
DOME KIT, CROSS-HEAD PISTON	23503779	3	4	6
CROWN, PISTON	23503948	3	4	6
RING, CROSS-HEAD PISTON SEAL	8924733	3	4	6
PISTON PIN	8924735	3	4	6
BEARING, PISTON PIN (SLIPPER TYPE)	23504946	3	4	6
RETAINER, PISTON PIN	8924731	6	8	12

CYLINDER LINERS (.84" PORT HEIGHT)	PART NO	3-53	4-53	6V53
CYLINDER LINER STD.	5132803	A/R	A/R	A/R
CYLINDER LINER .010" O.S., O.D	5101016	A/R	A/R	A/R
CYLINDER LINER .020" O.S., O.D	5149944	A/R	A/R	A/R

CYLINDER LINERS (.74" PORT HEIGHT)	PART NO	3-53	4-53	6V53
CYLINDER LINER STD.	8926088	A/R	A/R	A/R
CYLINDER LINER .010" O.S., O.D	8926089	A/R	A/R	A/R
CYLINDER LINER .020" O.S., O.D	8926090	A/R	A/R	A/R

CAMSHAFTS & RELATED PARTS	PART NO	3-53	4-53	6V53
CAMSHAFT, (STAMPED 5126745)	5126929	1	-	-
CAMSHAFT, (STAMPED 5101272)	5149093	1	-	-
CAMSHAFT, (STAMPED 5126932)	5126932	-	1	-
CAMSHAFT, (STAMPED 5101273)	5149095	-	1	-
CAMSHAFT, (STAMPED 5126833) LB, R/H - RB, L/H ROT.	5126933	-	-	1
CAMSHAFT, (STAMPED 5126833) RB, R/H - LB, L/H ROT.	5126934	-	-	1
CAMSHAFT, (STAMPED 5145175) 6V53T L.BANK, R/H ENGINE - R.BANK, L/H ENGINE	5199396	-	-	1
CAMSHAFT, (STAMPED 5145174) 6V53T R.BANK, R/H ENGINE - L.BANK, L/H ENGINE	5199397	-	-	1
BEARING SET, CAMSHAFT STD	5198209	1	-	-
BEARING SET, CAMSHAFT .010" U.S., I.D	5198470	1	-	-
BEARING SET, CAMSHAFT .020" U.S., I.D	5198471	1	-	-
BEARING SET, CAMSHAFT STD	5198984	-	1	-
BEARING SET, CAMSHAFT .010" U.S., I.D	5198978	-	1	-
BEARING SET, CAMSHAFT .020" U.S., I.D	5198981	-	1	-

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DETROIT DIESEL 53 SERIES

CAMSHAFTS & RELATED PARTS (CONTINUED)	PART NO	QTY 3-53	QTY 4-53	QTY 6V53
BEARING SET, CAMSHAFT STD	5197944	-	-	1
BEARING SET, CAMSHAFT .010" U.S., I.D	5197945	-	-	1
BEARING SET, CAMSHAFT .020" U.S., I.D	5197946	-	-	1
WASHER, CAMSHAFT BRG. THRUST	5116198	2	2	2
SEAL, CAMSHAFT FRONT OIL	5106223	2	2	2
GEAR, CAM & BALANCE SHAFT (R/H HELIX) (111 TEETH)	5107072	1	1	1
GEAR, CAM & BALANCE SHAFT (L/H HELIX) (111 TEETH)	5107073	1	1	1
GEAR, CAM & BALANCE SHAFT (R/H HELIX) (97 TEETH)	5133387	1	1	1
GEAR, CAM & BALANCE SHAFT (L/H HELIX) (97 TEETH)	5133388	1	1	1

VALVE OPERATING MECHANISM	PART NO	3-53	4-53	6V53
ARM ASSY, EXHAUST ROCKER R/H	5135268	3	4	6
ARM ASSY, EXHAUST ROCKER L/H	5135267	3	4	6
ARM ASSY, INJECTOR ROCKER	8923554	3	4	6
SHAFT, ROCKER	5116072	3	4	6
BRACKET, ROCKER SHAFT	5116128	6	8	12
BOLT, ROCKER SHAFT BRACKET	5116198	6	8	12
PUSH ROD	5128640	9	12	18
NUT, PUSH ROD LOCK	5151601	9	12	18
SPRING, PUSH ROD (.177" WIRE DIA, 11 COILS)	5186858	9	12	18
SPRING, PUSH ROD (.192" WIRE DIA, 10.5 COILS)	5108918	9	12	18
SEAT, PUSH ROD SPRING UPPER	5150302	9	12	18
SEAT, PUSH ROD SPRING LOWER	5123250	9	12	18
SEAT, PUSH ROD SPRING LOWER (USE WITH SPRING 5108918)	5108919	9	12	18
RETAINER, PUSH ROD SPRING	5150303	9	12	18
CAM FOLLOWER ASSY	8924439	9	12	18
ROLLER, CAM FOLLOWER	8923814	9	12	18
GUIDE, CAM FOLLOWER	5116125	3	4	6
BOLT, CAM FOLLOWER GUIDE	443603	6	8	12
LOCKWASHER, BOLT	103319	6	8	12
VALVE, EXHAUST N/A	5199323	12	16	24
VALVE, EXHAUST TURBO	5197176	12	16	24
GUIDE, EXHAUST VALVE	5131961	12	16	24
CAP, VALVE SPRNG	5123330	12	16	24
SEAT, VALVE SPRING	5111467	12	16	24
LOCK HALF, EXHAUST VALVE	5116341	24	32	48
SEAL, EXHAUST VALVE GUIDE	8921741	12	16	24
INSERT, EXHAUST VALVE SEAT N/A	8921501	12	16	24
INSERT, EXHAUST VALVE SEAT TURBO	8921502	12	16	24
SPRING, EXHAUST VALVE (.135" WIRE DIA.) (HI-LIFT)	5144019	12	16	24
SPRING, EXHAUST VALVE (.148" WIRE DIA.) (LO-LIFT)	5147424	12	16	24
BRIDGE, EXHAUST VALVE	5135262	6	8	12
GUIDE, EXHAUST VALVE BRIDGE	5117564	6	8	12
TUBE KIT, INJECTOR HOLE	8925981	3	4	6
SEAL RING, INJECTOR HOLE TUBE	5104701	3	4	6

ROCKER COVERS	PART NO	3-53	4-53	6V53
GASKET, ROCKER COVER (STEEL)	5147994	1	-	2
GASKET, ROCKER COVER (ALUMINUM)	5133388	1	-	2
GASKET, ROCKER COVER (STEEL)	5147506	-	1	-
GASKET, ROCKER COVER (ALUMINUM)	8925274	-	1	-

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DETROIT DIESEL 53 SERIES

FUEL SYSTEM	PART NO	3-53	4-53	6V53
FUEL INJECTOR ASSY	See Page 290/291	3	4	6
FUEL PUMP KIT (STD. CAPACITY R/H ROTATION)	5199561	1	1	1
FUEL PUMP KIT (STD. CAPACITY L/H ROTATION)	5199560	1	1	1
FUEL PUMP KIT (HIGH CAPACITY. R/H ROTATION)	5199734	1	1	1
FUEL PUMP KIT (HIGH CAPACITY. L/H ROTATION)	5199735	1	1	1
OVERHAUL KIT, STD. CAPACITY FUEL PUMP	5195078	1	1	1
OVERHAUL KIT, HIGH CAPACITY FUEL PUMP	5149599	1	1	1
SEAL, FUEL PUMP OIL	23512243	2	2	2
FORK, FUEL PUMP COUPLING	5102257	1	1	1
FUEL PIPE ASSY	23511852	6	8	12
CONNECTOR, FUEL PPE	8926992	6	8	12
WASHER, FUEL PIPE CONNECTOR	8925644	6	8	12

BLOWER & BLOWER DRIVE	PART NO	3-53	4-53	6V53
GASKET KIT, BLOWER INSTALLATION	5198041	1	-	-
GASKET KIT, BLOWER INSTALLATION	5198042	-	1	-
GASKET KIT, BLOWER INSTALLATION	5198043	-	-	1
REPAIR KIT, BLOWER	5198683	1	1	1
SEAL, BLOWER END PLATE STD.	5138710	-	-	4
SEAL, BLOWER END PLATE (FOR COUNTERBORED END PLATES)	5142266	4	4	4
SEAL, BLOWER END PLATE O.S	5199366	4	4	4
SLEEVE, BLOWER END PLATE O.S. SEAL	5199368	4	4	4
COUPLING, BLOWER DRIVE	8922969	-	1	1
CAM, BLOWER COUPLING	8922970	-	1	1
SPRING PACK, BLOWER COUPLING	5196614	-	1	1
HUB, (SHAFT) BLOWER DRIVE	5119284	-	1	-
HUB, (SHAFT) BLOWER DRIVE	6116418	-	-	1
SHAFT, BLOWER DRIVE (6.43" L)	5135876	-	-	1
SHAFT, BLOWER DRIVE (6.43" L) (.5" DIA, HEAVY DUTY)	8922967	-	-	1
RING, BLOWER DRIVE	9414044	-	-	1

OIL PUMPS	PART NO	3-53	4-53	6V53
OIL PUMP ASSY.	5116110	1	-	-
OIL PUMP ASSY.	5121042	-	1	-
OIL PUMP ASSY.	5116070	-	-	1
ROTOR, OIL PUMP	5195714	1	-	-
ROTOR, OIL PUMP	5195957	-	1	-
ROTOR, OIL PUMP	5195687	-	-	1
GEAR, OL PUMP DRIVE (ON CRANKSHAFT)	8921172	1	1	1

OIL COOLERS	PART NO	3-53	4-53	6V53
CORE ASSY, OIL COOLER (4 Plate)	8547194	1	1	-
CORE ASSY, OIL COOLER (6 Plate)	8547548	1	-	1
CORE ASSY, OIL COOLER(8 Plate)	8547563	1	1	1
CORE ASSY, OIL COOLER (12 Plate)	8547236	-	1	1
CORE ASSY, OIL COOLER (13 Plate)	8547581	-	1	1
CORE ASSY, OIL COOLER (16 Plate)	8547547	-	-	1

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DETROIT DIESEL 53 SERIES

OIL PAN GASKETS	PART NO	3-53	4-53	6V53
GASKET, OIL PAN (STAMPED)	5116256	1	-	-
GASKET, OIL PAN (CAST IRON)	5196059	1	-	-
GASKET, OIL PAN (STAMPED)	5116257	-	1	-
GASKET, OIL PAN (CAST IRON)	5196060	-	1	-
GASKET, OIL PAN (STAMPED)	5119266	-	-	1
GASKET, OIL PAN (CAST IRON)	5196061	-	-	1

WATER PUMPS & RELATED PARTS	PART NO	3-53	4-53	6V53
PUMP ASSY, WATER L/H	23506003	1	1	1
PUMP ASSY, WATER R/H	23506007	1	1	1
PUMP ASSY, WATER R/H (NO PULLEY)	23506009	1	1	-
PUMP ASSY, WATER L/H (ALUMINUM HSG.)	23506011	-	-	1
INSERT KIT, CERAMIC SEAL	5197279	1	1	1
KIT, WATER PUMP RECONDITIONING (FOR R/H PUMPS)	23506865	1	1	1
SHAFT & BEARING ASSY, WATER PUMP	904827	1	1	1
IMPELLER ASSY	23505994	1	1	1
SEAL ASSY	23506248	1	1	1
GASKET, WATER PUMP COVER	5119282	1	1	1
GASKET, WATER PUMP TO OIL COOLER	5133107	1	1	1
KIT, WATER PUMP RECONDITIONING (FOR L/H PUMPS)	23506869	1	1	1
SHAFT & BEARING ASSY, WATER PUMP	904827	1	1	1
IMPELLER ASSY	23505993	1	1	1
SEAL ASSY	23506248	1	1	1
GASKET, WATER PUMP COVER	5119282	1	1	1
GASKET, WATER PUMP TO OIL COOLER	5133107	1	1	1

THERMOSTATS	PART NO	3-53	4-53	6V53
THERMOSTAT (170 DEG.) (TOP BY-PASS)	5143210	1	1	2
THERMOSTAT (170 DEG.) (FULL BLOCK WITH BLEED HOLE)	8927465	1	1	-
THERMOSTAT (180 DEG.) (FULL BLOCK, RAPID WARM-UP)	8927466	1	1	-
THERMOSTAT (165 DEG.) (WEIR TYPE)	23503828	-	-	2
THERMOSTAT (170 DEG.) (WITH VENT)	3041379	-	-	1
THERMOSTAT (170 DEG.) (WITH VENT)	5124872	-	-	2
THERMOSTAT (180 DEG.) (WITH VENT)	5102978	-	-	2
THERMOSTAT (180 DEG.)	5104462	-	-	2
THERMOSTAT (180 DEG.)	23503825	-	-	2

RAW WATER PUMPS & KITS	PART NO	3-53	4-53	6V53
PUMP ASSY, RAW WATER	5115396	-	1	1
REPAIR KIT, RAW WATER PUMP	5197224	-	1	1
KIT, IMPELLER & SEAL, RAW WATER PUMP	5194860	-	1	1

EXHAUST MANIFOLD GASKETS	PART NO	3-53	4-53	6V53
GASKET, EXHAUST MANIFOLD	5116205	1	-	2
GASKET, EXHAUST MANIFOLD	5119006	-	1	-

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DETROIT DIESEL 53 SERI-

DETROIT 3-53 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5198903.EOK-3	QTY	PART NO KMP5198899.EOK-3	QTY	PART NO KMP23503810.EOK-3	QTY
CYLINDER KIT	5198903	3	5198899	3	23503810	3
MAIN BEARING STD	8924357	4	8924357	4	8924357	4
THRUST BEARING STD	5116197	4	5116197	4	5116197	4
CONROD BEARING STD	5149452	3	5149452	3	5149452	3
VALVE KIT, EXHAUST	5199323	12	5197176	12	5197176	12
VALVE GUIDE	5131961	12	5131961	12	5131961	12
VALVE SPRING	5147424	12	5147424	12	5147424	12
VALVE INSERT	8921501	12	8921502	12	8921502	12
GASKET KIT O/HAUL	23517623	1	23517623	1	23517623	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROCKER COVER	5147994	1	5147994	1	5147994	1
GASKET, ROCKER COVER	5133388	1	5133388	1	5133388	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5198903.OFK-3	QTY	PART NO KMP5198899.OFK-3	QTY	PART NO KMP23503810.OFK-3	QTY
CYLINDER KIT	5198903	3	5198899	3	23503810	3
MAIN BEARING STD	8924357	4	8924357	4	8924357	4
THRUST BEARING STD	5116197	4	5116197	4	5116197	4
CONROD BEARING STD	5149452	3	5149452	3	5149452	3
GASKET KIT O/HAUL	23517623	1	23517623	1	23517623	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROCKER COVER	5147994	1	5147994	1	5147994	1
GASKET, ROCKER COVER	5133388	1	5133388	1	5133388	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5198903.IFK-3	QTY	PART NO KMP5198899.IFK-3	QTY	PART NO KMP23503810.IFK-3	QTY
CYLINDER KIT	5198903	3	5198899	3	23503810	3
CONROD BEARING STD	5149452	3	5149452	3	5149452	3
CYLINDER HEAD GASKET KIT	5199811	1	5199811	1	5199811	1
GASKET, ROCKER COVER	5147994	1	5147994	1	5147994	1
GASKET, ROCKER COVER	5133388	1	5133388	1	5133388	1
OIL PAN GASKET	5116256	1	5116256	1	5116256	1
OIL PAN GASKET	5196059	1	5196059	1	5196059	1

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DETROIT DIESEL 53 SERIES

DETROIT 4-53 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5198903.EOK-4	QTY	PART NO KMP5198899.EOK-4	QTY	PART NO KMP5149315.EOK-4	QTY
CYLINDER KIT	5198903	4	5198899	4	5149315	4
MAIN BEARING STD	8924357	5	8924357	5	8924357	5
THRUST BEARING STD	5116197	4	5116197	4	5116197	4
CONROD BEARING STD	5149452	4	5149452	4	5149452	4
VALVE KIT, EXHAUST	5199323	16	5199323	16	5197176	16
VALVE GUIDE	5131961	16	5131961	16	5131961	16
VALVE SPRING	5147424	16	5147424	16	5147424	16
VALVE INSERT	8921501	16	8921501	16	8921502	16
GASKET KIT O/HAUL	23517624	1	23517624	1	23517624	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROCKER COVER	5147506	1	5147506	1	5147506	1
GASKET, ROCKER COVER	8925274	1	8925274	1	8925274	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5198903.OFK-4	QTY	PART NO KMP5198899.OFK-4	QTY	PART NO KMP5149315.OFK-4	QTY
CYLINDER KIT	5198903	4	5198899	4	5149315	4
MAIN BEARING STD	8924357	5	8924357	5	8924357	5
THRUST BEARING STD	5116197	4	5116197	4	5116197	4
CONROD BEARING STD	5149452	4	5149452	4	5149452	4
GASKET KIT O/HAUL	23517624	1	23517624	1	23517624	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROCKER COVER	5147506	1	5147506	1	5147506	1
GASKET, ROCKER COVER	8925274	1	8925274	1	8925274	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5198903.IFK-4	QTY	PART NO KMP5198899.IFK-4	QTY	PART NO KMP5149315.IFK-4	QTY
CYLINDER KIT	5198903	4	5198899	4	5149315	4
CONROD BEARING STD	5149452	4	5149452	4	5149452	4
CYLINDER HEAD GASKET KIT	5199812	1	5199812	1	5199812	1
GASKET, ROCKER COVER	5147506	1	5147506	1	5147506	1
GASKET, ROCKER COVER	8925274	1	8925274	1	8925274	1
OIL PAN GASKET	5116257	1	5116257	1	5116257	1
OIL PAN GASKET	5196060	1	5196060	1	5196060	1

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DETROIT DIESEL 53 SERIES

DETROIT 4-53 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149734.EOK-4	QTY	PART NO KMP23503810.EOK-4	QTY
CYLINDER KIT	5149734	4	23503810	4
MAIN BEARING STD	8924357	5	8924357	5
THRUST BEARING STD	5116197	4	5116197	4
CONROD BEARING STD	5149452	4	5149452	4
VALVE KIT, EXHAUST	5197176	16	5197176	16
VALVE GUIDE	5131961	16	5131961	16
VALVE SPRING	5147424	16	5147424	16
VALVE INSERT	8921502	16	8921502	16
GASKET KIT O/HAUL	23517624	1	23517624	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1
GASKET, ROGER COVER	5147506	1	5147506	1
GASKET, ROGER COVER	8925274	1	8925274	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5149734.OFK-4	QTY	PART NO KMP23503810.OFK-4	QTY
CYLINDER KIT	5149734	4	23503810	4
MAIN BEARING STD	8924357	5	8924357	5
THRUST BEARING STD	5116197	4	5116197	4
CONROD BEARING STD	5149452	4	5149452	4
GASKET KIT O/HAUL	23517624	1	23517624	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1
GASKET, ROGER COVER	5147506	1	5147506	1
GASKET, ROGER COVER	8925274	1	8925274	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5149734.IFK-4	QTY	PART NO KMP23503810.IFK-4	QTY
CYLINDER KIT	5149734	4	23503810	4
CONROD BEARING STD	5149452	4	5149452	4
UPPER GASKET KIT	5199812	1	5199812	1
GASKET, ROGER COVER	5147506	1	5147506	1
GASKET, ROGER COVER	8925274	1	8925274	1
OIL PAN GASKET	5116257	1	5116257	1

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DETROIT DIESEL 53 SERIES

DETROIT 6V-53 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5198903.EOK-6	QTY	PART NO KMP5198899.EOK-6	QTY	PART NO KMP5199116.EOK-6	QTY
CYLINDER KIT	5198903	6	5198899	6	5199116	6
MAIN BEARING STD	5195927	4	5195927	4	5195927	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	5197975	6	5197975	6	5197975	6
VALVE KIT, EXHAUST	5199323	24	5199323	24	5199323	24
VALVE GUIDE	5131961	24	5131961	24	5131961	24
VALVE SPRING	5147424	24	5147424	24	5147424	24
VALVE INSERT	8921501	24	8921501	24	8921501	24
GASKET KIT O/HAUL	23512690	1	23512690	1	8927743	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROCKER COVER	5147994	2	5147994	2	5147994	2
GASKET, ROCKER COVER	5133388	2	5133388	2	5133388	2

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5198903.OFK-6	QTY	PART NO KMP5198899.OFK-6	QTY	PART NO KMP5199116.OFK-6	QTY
CYLINDER KIT	5198903	6	5198899	6	5199116	6
MAIN BEARING STD	5195927	4	5195927	4	5195927	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	5197975	6	5197975	6	5197975	6
GASKET KIT O/HAUL	23512690	1	23512690	1	8927743	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROCKER COVER	5147994	2	5147994	2	5147994	2
GASKET, ROCKER COVER	5133388	2	5133388	2	5133388	2

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5198903.IFK-6	QTY	PART NO KMP5198899.IFK-6	QTY	PART NO KMP5199116.IFK-6	QTY
CYLINDER KIT	5198903	6	5198899	6	5199116	6
CONROD BEARING STD	5197975	6	5197975	6	5197975	6
CYLINDER HEAD GASKET KIT	5199811	2	5199811	2	5199811	2
GASKET, ROCKER COVER	5147994	2	5147994	2	5147994	2
GASKET, ROCKER COVER	5133388	2	5133388	2	5133388	2
OIL PAN GASKET	5119266	1	5119266	1	5119266	1
OIL PAN GASKET	5196061	1	5196061	1	5196061	1

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DETROIT DIESEL 53 SERIES

DETROIT 6V-53 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149734.EOK-6	QTY	PART NO KMP23503778.EOK-6	QTY	PART NO KMP5149734.EOK-6	QTY
CYLINDER KIT	5149734	6	23503778	6	5149734	6
MAIN BEARING STD	5198410	4	5198410	4	5198410	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	5197975	6	5197975	6	5197975	6
VALVE KIT, EXHAUST	5197176	24	5197176	24	5197176	24
VALVE GUIDE	5131961	24	5131961	24	5131961	24
VALVE SPRING	5147424	24	5147424	24	5147424	24
VALVE INSERT	8921502	24	8921502	24	8921502	24
GASKET KIT O/HAUL	23512690	1	8927743	1	23512690	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROGER COVER	5147994	2	5147994	2	5147994	2
GASKET, ROGER COVER	5133388	2	5133388	2	5133388	2

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5149734.OFK-6	QTY	PART NO KMP23503778.OFK-6	QTY	PART NO KMP5149734.OFK-6	QTY
CYLINDER KIT	5149734	6	23503778	6	5149734	6
MAIN BEARING STD	5198410	4	5198410	4	5198410	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	5197975	6	5197975	6	5197975	6
GASKET KIT O/HAUL	23512690	1	8927743	1	23512690	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1	5116229	1
GASKET, ROGER COVER	5147994	2	5147994	2	5147994	2
GASKET, ROGER COVER	5133388	2	5133388	2	5133388	2

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5149734.IFK-6	QTY	PART NO KMP23503778.IFK-6	QTY	PART NO KMP5149734.IFK-6	QTY
CYLINDER KIT	5149734	6	23503778	6	5149734	6
CONROD BEARING STD	5197975	6	5197975	6	5197975	6
UPPER GASKET KIT	5199811	2	5199811	2	5199811	2
GASKET, ROGER COVER	5147994	2	5147994	2	5147994	2
GASKET, ROGER COVER	5133388	2	5133388	2	5133388	2
OIL PAN GASKET	5119266	1	5119266	1	5119266	1
OIL PAN GASKET	5196061	1	5196061	1	5196061	1

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DETROIT DIESEL 53 SERIES

DETROIT 6V-53 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23503778.EOK-6	QTY	PART NO KMP23803811.EOK-6	QTY
CYLINDER KIT	23503778	6	23503811	6
MAIN BEARING STD	5198410	4	5198410	4
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	5197975	6	5197975	6
VALVE KIT, EXHAUST	5197176	24	5197176	24
VALVE GUIDE	5131961	24	5131961	24
VALVE SPRING	5147424	24	5147424	24
VALVE INSERT	8921502	24	8921502	24
GASKET KIT O/HAUL	8927743	1	23512690	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1
GASKET, ROGER COVER	5147994	2	5147994	2
GASKET, ROGER COVER	5133388	2	5133388	2

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23503778.OFK-6	QTY	PART NO KMP23803811.OFK-6	QTY
CYLINDER KIT	23503778	6	23503811	6
MAIN BEARING STD	5198410	4	5198410	4
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	5197975	6	5197975	6
GASKET KIT O/HAUL	8927743	1	23512690	1
SEAL, CRANKSHAFT FRONT	5116224	1	5116224	1
SEAL, CRANKSHAFT REAR	5116229	1	5116229	1
GASKET, ROGER COVER	5147994	2	5147994	2
GASKET, ROGER COVER	5133388	2	5133388	2

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23503778.IFK-6	QTY	PART NO KMP23803811.IFK-6	QTY
CYLINDER KIT	23503778	6	23503811	6
CONROD BEARING STD	5197975	6	5197975	6
UPPER GASKET KIT	5199811	2	5199811	2
GASKET, ROGER COVER	5147994	2	5147994	2
GASKET, ROGER COVER	5133388	2	5133388	2
OIL PAN GASKET	5119266	1	5119266	1
OIL PAN GASKET	5196061	1	5196061	1

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DETROIT DIESEL 71 IN-LINE SERIES

CYLINDER BLOCK	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
GASKET KIT, ENGINE OVERHAUL (LOW BLOCK)	5192921	1		
GASKET KIT, ENGINE OVERHAUL (HIGH BLOCK)	23512674	1		
GASKET KIT, ENGINE OVERHAUL (LOW BLOCK)	5192922	-	1	-
GASKET KIT, ENGINE OVERHAUL (HIGH BLOCK)	23512675	-	1	-
GASKET KIT, ENGINE OVERHAUL (LOW BLOCK)	5192923	-	-	1
GASKET KIT, ENGINE OVERHAUL (HIGH BLOCK)	23512676	-	-	1

(ENGINE OVERHAUL GASKET KITS DO NOT INCLUDE CRANKSHAFT SEALS OR ROCKER COVER GASKETS)

CYLINDER HEADS	PART NO	3-71	4-71	6-71
CYLINDER HEAD (BARE) (4 VALVE)	5102769	1	-	-
CYLINDER HEAD (BARE) (4 VALVE)	5102771	-	1	-
CYLINDER HEAD (BARE) (4 VALVE)	5102770	-	-	1
CYLINDER HEAD (WITH VALVES & SPRINGS)	5102769V	1	-	-
CYLINDER HEAD (WITH VALVES & SPRINGS)	5102771V	-	1	-
CYLINDER HEAD (WITH VALVES & SPRINGS)	5102770V	-	-	1
GASKET KIT, CYLINDER HEAD OVERHAUL (LOW BLOCK)	5192924	1	-	-
GASKET KIT, CYLINDER HEAD OVERHAUL (HIGH BLOCK)	5193116	1	-	-
GASKET KIT, CYLINDER HEAD OVERHAUL (LOW BLOCK)	5192925	-	1	-
GASKET KIT, CYLINDER HEAD OVERHAUL (HIGH BLOCK)	5198676	-	1	-
GASKET KIT, CYLINDER HEAD OVERHAUL (LOW BLOCK)	5192926	-	-	1
GASKET KIT, CYLINDER HEAD OVERHAUL (HIGH BLOCK)	5195742	-	-	1

CRANKSHAFT & RELATED PARTS	PART NO	3-71	4-71	6-71
CRANKSHAFT 3-71	5184215	1	-	-
CRANKSHAFT 4-71	5182941	-	1	-
CRANKSHAFT 6-71	5107033	-	-	1
SEAL, CRANKSHAFT OIL FRONT STD	5115454	1	1	1
SEAL, CRANKSHAFT OIL REAR STD	5114335	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (SGL LIP) (NON-DIRECTIONAL)	5197860	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) (STD)	5127821	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) (TEFLON) R/H	8927748	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) (TEFLON) L/H	8927749	1	1	1
SLEEVE, REAR O.S. OIL SEAL	23507225	1	1	1

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The **KMP BRAND**
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DETROIT DIESEL®
Engine Book
Engine Kit
Programme

DETROIT DIESEL 71 IN-LINE SERIES

MAIN BEARINGS	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
SHELL SET, MAIN BRG. STD.	5192874	4	5	7
SHELL SET, MAIN BRG. .002"	5192875	4	5	7
SHELL SET, MAIN BRG. .010"	5192876	4	5	7
SHELL SET, MAIN BRG. .020"	5192877	4	5	7
SHELL SET, MAIN BRG. .030"	5192878	4	5	7
WASHER, MAIN BRG. THRUST STD	5159353	4	4	4
WASHER, MAIN BRG. THRUST .005"	5160542	4	4	4
WASHER, MAIN BRG. THRUST .010"	5192111	4	4	4
PIN, DOWEL	141346	4	4	4
SHELL SET, CONNECTING ROD STD.	5149452	4	5	-
SHELL SET, CONNECTING ROD .002"	5149453	4	5	-
SHELL SET, CONNECTING ROD .010"	5149454	4	5	-
SHELL SET, CONNECTING ROD .020"	5149455	4	5	-
SHELL SET, CONNECTING ROD .020"	5149456	4	5	-

VIBRATION DAMPERS	PART NO	3-71	4-71	6-71
DAMPER, VIBRATION (LIGHT RUBBER)	5100553	-	1	-
DAMPER, VIBRATION (HEAVY RUBBER)	5100421	-	-	1

CRANKSHAFT & RELATED PARTS VIBRATION DAMPERS (continued)	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
DAMPER, VIBRATION (LIGHT VISCOUS)	5177763	-	1	1
DAMPER, VIBRATION (HEAVY VISCOUS) (12.3" DIA)	8925437	-	1	1
CONE, DAMPER FRONT (.531"L.)	5134917	-	1	1
CONE, DAMPER FRONT (.687"L.)	5151344	-	1	1
CONE, DAMPER REAR (1.40"L.)	23506876	-	1	1
CONE, DAMPER REAR (2.12"L.)	23502705	-	1	1
Cone, Damper Rear (3.09"L.)	23507296	-	1	1

CONNECTING ROD & PISTONS	PART NO	3-71	4-71	6-71
CONNECTING ROD ASSY (TRUNK TYPE)	5133515	3	4	6
CONNECTING ROD ASSY (CROSS-HEAD)	23509705	3	4	6
BOLT, CONNECTING ROD	5132383	6	8	12
NUT, CONNECTING ROD	5117629	6	8	12
BUSHING, CONNECTING ROD (TRUNK TYPE)	5157274	6	8	12
BOLT, PISTON PIN	5148373	6	8	12
SPACER, PISTON PIN BOLT	5144846	6	8	12
SHELL SET, CONNECTING ROD STD.	23511129	3	4	6
SHELL SET, CONNECTING ROD .002"	23511131	3	4	6
SHELL SET, CONNECTING ROD .010"	23511133	3	4	6
SHELL SET, CONNECTING ROD .020"	23511135	3	4	6
SHELL SET, CONNECTING ROD .020"	23511137	3	4	6

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DETROIT DIESEL 71 IN-LINE SERIES

PISTON RING SETS	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
RING SET (TRUNK TYPE PISTON) (NON-TURBO)	23514970	3	4	6
RING SET (TRUNK TYPE PISTON) TURBO)	23514971	3	4	6
RING SET (CROSS-HEAD PISTON) (NON-TURBO) (18.7:1 RATIO)	23522955	3	4	6
RING, FIRE KEYSTONE (NARROW GAP, GROOVED)	8924084	1	)	
RING, COMPRESSION (BARREL FACE)	8926351	2	)	
RING, OIL CONTROL (CHROME, NON-SLOTTED)	8926402	1	)	COMPONENTS SHOWN
RING, OIL CONTROL (BLACK, NON-SLOTTED)	8926403	1	)	MAKE UP
RING, OIL CONTROL (SLOTTED)	5179824	2	)	QTY 1, RING SET.
EXPANDER, LOW TENSION (ORANGE STRIPE)	5148261	2	)	
EXPANDER, HIGH TENSION (ORANGE STRIPE)	5112016	2	)	
RING SET (CROSS-HEAD PISTON) (TURBO) (17.0:1 RATIO)	23522955	3	4	6
RING, FIRE KEYSTONE (WIDE GAP, GROOVED)	8924083	1	)	
RING, COMPRESSION (BARREL FACE)	8926351	2	)	
RING, OIL CONTROL (CHROME, NON-SLOTTED)	8926402	1	)	COMPONENTS SHOWN
RING, OIL CONTROL (BLACK, NON-SLOTTED)	8926403	1	)	MAKE UP
RING, OIL CONTROL (SLOTTED)	5179824	2	)	QTY 1, RING SET.
EXPANDER, LOW TENSION (ORANGE STRIPE)	5148261	2	)	
EXPANDER, HIGH TENSION (ORANGE STRIPE)	5112016	2	)	

PISTON & DOME KITS	PART NO	3-71	4-71	6-71
PISTON KIT, (TRUNK TYPE) (18.7:1 RATIO, NON-TURBO)	5149234	3	4	6
RETAINER, PISTON PIN	5188405	6	8	12
PISTON KIT, (TRUNK TYPE) (17.0:1 RATIO, TURBO)	5149236	3	4	6
RETAINER, PISTON PIN	5188405	6	8	12

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DETROIT DIESEL 71 IN-LINE SERIES

CONNECTING ROD & PISTONS (continued) PISTON & DOME KITS	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
PISTON KIT, (CROSS-HEAD) (18.7:1 RATIO, NON-TURBO)	23522497	3	4	6
DOME, PISTON	23522026	3	4	6
SKIRT, PISTON	23522070	3	4	6
RING, CROSS-HEAD PISTON SEAL	8922221	3	4	6
PISTON PIN	5144744	3	4	6
BEARING, PISTON PIN (SLIPPER TYPE)	23501687	3	4	6
RETAINER, PISTON PIN	5180250	6	8	12
DOME KIT, (18.7:1 RATIO, NON-TURBO)	23522535	3	4	6
DOME, PISTON	23522026	3	4	6
RING, CROSS-HEAD PISTON SEAL	8922221	3	4	6
PISTON PIN	5144744	3	4	6
BEARING, PISTON PIN (SLIPPER TYPE)	23501687	3	4	6
RETAINER, PISTON PIN	5180250	6	8	12
PISTON KIT, (CROSS-HEAD) (17.0:1 RATIO, TURBO)	23522495	3	4	6
DOME, PISTON	23521992	3	4	6
SKIRT, PISTON	23522070	3	4	6
RING, CROSS-HEAD PISTON SEAL	8922221	3	4	6
PISTON PIN	5144744	3	4	6
BEARING, PISTON PIN (SLIPPER TYPE)	23501687	3	4	6
RETAINER, PISTON PIN	5180250	6	8	12
DOME KIT, (17.0:1 RATIO, TURBO)	23522475	3	4	6
DOME, PISTON	23521992	3	4	6
RING, CROSS-HEAD PISTON SEAL	8922221	3	4	6
PISTON PIN	5144744	3	4	6
BEARING, PISTON PIN (SLIPPER TYPE)	23501687	3	4	6
RETAINER, PISTON PIN	5180250	6	8	12

CYLINDER LINERS (1.05" Port Height)		LINER O.D. INCHES	BLOCK BORE INCHES
CYLINDER LINER #1	23502020	4.6250 - 4.6255	4.6260 - 4.6265
CYLINDER LINER #2	23502021	4.6256 - 4.6260	4.6266 - 4.6270
CYLINDER LINER #3	23502022	4.6261 - 4.6265	4.6271 - 4.6275
CYLINDER LINER #4	23504936	4.6266 - 4.6270	4.6276 - 4.6280
CYLINDER LINER .005" O.S.	5193732		
CYLINDER LINER .010" O.S.	5193733		
CYLINDER LINER .020" O.S.	5193734		

CYLINDER LINERS (.95" Port Height)		LINER O.D. INCHES	BLOCK BORE INCHES
CYLINDER LINER #1	23502023	4.6250 - 4.6255	4.6260 - 4.6265
CYLINDER LINER #2	23502024	4.6256 - 4.6260	4.6266 - 4.6270
CYLINDER LINER #3	23502025	4.6261 - 4.6265	4.6271 - 4.6275
CYLINDER LINER #4	23504935	4.6266 - 4.6270	4.6276 - 4.6280
CYLINDER LINER .005" O.S.	5107448		
CYLINDER LINER .010" O.S.	5107449		
CYLINDER LINER .020" O.S.	5107450		
INSERT, CYLINDER LINER (.1795" - .1800" THICK)	5184484	A/R	A/R
INSERT, CYLINDER LINER (.1810" - .1815" THICK)	5148399	A/R	A/R
SHIM, CYLINDER LINER (.002" THICK)	5199569	A/R	A/R
CYLINDER KITS	SEE PAGE 15	3	4

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CAMSHAFTS & RELATED PARTS	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
CAMSHAFT, R/H ROT (STAMPED 5102663)	5149391	-	1	-
CAMSHAFT, L/H ROT (STAMPED 5102666)	5149392	-	1	-
CAMSHAFT, R/H ROT (STAMPED 5102665)	5149393	-	-	1
CAMSHAFT, L/H ROT (STAMPED 5102664)	5149394	-	-	1
BEARING, CAMSHAFT END STD.	5111422	4	4	4
BUSHING, CAMSHAFT END BEARING	5111423	4	4	4
WASHER, CAMSHAFT BRG. THRUST	5111424	4	4	4
BEARING SET, CAMSHAFT INTERMEDIATE STD (CAST BLOCKS)	5196022	2	3	5
BEARING SET, CAMSHAFT INTERMEDIATE .010" U.S. I.D. (CAST BLOCKS)	5196023	2	3	5
BEARING SET, CAMSHAFT INTERMEDIATE .020" U.S. I.D. (CAST BLOCKS)	5196024	2	3	5
BEARING SET, CAMSHAFT INTERMEDIATE STD (ALI. BLOCKS)	5196026	-	-	5
BEARING SET, CAMSHAFT INTERMEDIATE .010" U.S. I.D. (ALI. BLOCKS)	5196027	-	-	5
BEARING SET, CAMSHAFT INTERMEDIATE .020" U.S. I.D. (ALI. BLOCKS)	5196028	-	-	5
RING, CAMSHAFT INTERMEDIATE BRG. LOCK	5115572	4	6	10
BEARING, IDLER GEAR	7451948	1	1	1

VALVE OPERATING MECHANISM	PART NO	3-71	4-71	6-71
ARM ASSY, EXHAUST ROCKER L/H	5148472	3	4	6
ARM ASSY, EXHAUST ROCKER R/H	5148475	3	4	6
ARM ASSY, INJECTOR ROCKER	8923554	3	4	6
SHAFT, ROCKER	23500714	3	4	6
BRACKET, ROCKER SHAFT	5103903	6	8	12
BOLT, ROCKER SHAFT BRACKET	5150325	6	8	12
PUSH ROD	5128640	9	12	18
NUT, PUSH ROD LOCK	5151601	9	12	18
SPRING, PUSH ROD	5186858	9	12	18
SEAT, PUSH ROD SPRING UPPER	5150302	9	12	18
SEAT, PUSH ROD SPRING LOWER	5123250	9	12	18
RETAINER, PUSH ROD SPRING	5150303	9	12	18
CAM FOLLOWER ASSY	8924439	9	12	18
ROLLER, CAM FOLLOWER	8923814	9	12	18
GUIDE, CAM FOLLOWER	5106413	3	4	6
BOLT, CAM FOLLOWER GUIDE	443603	6	8	12
LOCKWASHER, BOLT	103319	6	8	12
VALVE, EXHAUST N/A & TURBO	23500501	12	16	24
VALVE, EXHAUST (HIGH OUTPUT ENGINES)	5149386	12	16	24
GUIDE, EXHAUST VALVE	5129919	12	16	24
CAP, VALVE SPRNG	5117563	12	16	24
SEAT, VALVE SPRING	5117562	12	16	24
LOCK HALF, EXHAUST VALVE	5111337	24	32	48
SEAL, EXHAUST VALVE GUIDE	8921209	12	16	24
INSERT, EXHAUST VALVE SEAT	5101101	12	16	24
SPRING, EXHAUST VALVE	5147347	12	16	24
BRIDGE, EXHAUST VALVE	5117565	6	8	12
GUIDE, EXHAUST VALVE BRIDGE	5117564	6	8	12
TUBE KIT, INJECTOR HOLE	8925981	3	4	6
SEAL RING, INJECTOR HOLE TUBE	5104701	3	4	6

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ROCKER COVERS	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
GASKET, ROCKER COVER (STEEL)	5143405	1	-	-
GASKET, ROCKER COVER (ALUMINUM)	5104018	1	-	-
GASKET, ROCKER COVER (STEEL)	5143406	-	1	-
GASKET, ROCKER COVER (ALUMINUM)	5104081	-	1	-
GASKET, ROCKER COVER (STEEL)	5143407	-	-	1
GASKET, ROCKER COVER (ALUMINUM)	5104019	-	-	1

FUEL SYSTEM	PART NO	3-71	4-71	6-71
FUEL INJECTOR ASSY	See Page 290/291	3	4	6
FUEL PUMP KIT (STD. CAPACITY R/H ROTATION)	5199561	1	1	1
FUEL PUMP KIT (STD. CAPACITY L/H ROTATION)	5199560	1	1	1
FUEL PUMP KIT (HIGH CAPACITY. R/H ROTATION)	5199734	1	1	1
FUEL PUMP KIT (HIGH CAPACITY. L/H ROTATION)	5199735	1	1	1
OVERHAUL KIT, STD. CAPACITY FUEL PUMP	5195078	1	1	1
OVERHAUL KIT, HIGH CAPACITY FUEL PUMP	5149599	1	1	1
SEAL, FUEL PUMP OIL	23512243	2	2	2
FORK, FUEL PUMP COUPLING	5102257	1	1	1
FUEL PIPE ASSY (SHORT)	23511850	3	4	6
FUEL PIPE ASSY (LONG)	23511851	3	4	6
CONNECTOR, FUEL PPE	5117369	6	8	12
WASHER, FUEL PIPE CONNECTOR	5125108	6	8	12

BLOWER & BLOWER DRIVE	PART NO	3-71	4-71	6-71
GASKET KIT, BLOWER INSTALLATION	5192752	1	-	-
GASKET KIT, BLOWER INSTALLATION	5192753	-	1	-
GASKET KIT, BLOWER INSTALLATION	5192754	-	-	1
REPAIR KIT, BLOWER (NON-TURBO) (SMALL BEARING)	23514203	1	1	1
REPAIR KIT, BLOWER (TURBO) (SMALL BEARING)	23514204	1	1	1
SEAL, BLOWER END PLATE STD.	5138710	4	4	4
SEAL, BLOWER END PLATE O.S (NON-TURBO)	5192438	4	4	4
SLEEVE, BLOWER END PLATE O.S SEAL (NON-TURBO)	5192439	4	4	4
SEAL KIT, BLOWER END PLATE (TURBO) (CONSISTS OF:-)	23500533	4	4	4
SEAL, BLOWER END PLATE O.S (TURBO)	8924453	4	4	4
SLEEVE, BLOWER END PLATE O.S SEAL (TURBO)	5192439	4	4	4
COUPLING, BLOWER DRIVE	5103377	1	1	1
CAM, BLOWER COUPLING	5103365	1	1	1
SPRING PACK, BLOWER COUPLING	5196314	1	1	1
SHAFT, BLOWER DRIVE (6 3/16" L)	5154638	1	-	-
SHAFT, BLOWER DRIVE (7 1/16" L)	5168129	1	1	1
SHAFT, BLOWER DRIVE (7 13/16" L)	5154639	-	1	-
SHAFT, BLOWER DRIVE (8 11/16" L)	5168130	-	1	-
SHAFT, BLOWER DRIVE (11 1/16" L)	5154640	-	-	1
RING, BLOWER DRIVE	5154637	1	1	1

OIL PUMPS	PART NO	3-71	4-71	6-71
KIT, OIL PUMP OVERHAUL (FOR NON-SCAVENGE TYPE PUMPS)	5194800	1	1	-
KIT, OIL PUMP OVERHAUL (FOR NON-SCAVENGE TYPE PUMPS)	5194801	-	-	1

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OIL COOLERS	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
CORE ASSY, OIL COOLER (6 PLATE)	8547548	1	-	-
CORE ASSY, OIL COOLER (8 PLATE)	8547563	1	1	1
CORE ASSY, OIL COOLER (8 PLATE) (IN HEAT EXCHANGER TANK)	8547551	-	1	-
CORE ASSY, OIL COOLER (13 PLATE)	8547236	-	1	1
CORE ASSY, OIL COOLER (13 PLATE)	8547581	1	1	1

OIL PAN GASKETS	PART NO	3-71	4-71	6-71
GASKET, OIL PAN	5150115	1	-	-
GASKET, OIL PAN	5150116	-	1	-
GASKET, OIL PAN	5150117	-	-	1
GASKET, LOWER OL PAN	5153256	-	1	1

WATER PUMPS & RELATED PARTS	PART NO	3-71	4-71	6-71
PUMP ASSY, WATER L/H STD.	23506723	1	1	1
PUMP ASSY, WATER R/H STD.	23506735	1	1	1
PUMP ASSY, WATER L/H (HI-CAPACITY)	23506704	1	1	1
PUMP ASSY, WATER R/H (HI-CAPACITY)	23506711	1	1	1
INSERT KIT, CERAMIC SEAL (INCLUDES INSERT & ADHESIVE)	5197279	1	1	1
INSERT, WATER PUMP CERAMIC	5117342	1	1	1
WASHER, ADHESIVE	5197310	2	2	2
KIT, WATER PUMP RECONDITIONING (FOR OLD STYLE PUMPS)	5198307	1	1	1
SHAFT & BEARING ASSY, WATER PUMP	5136671	1	1	1
IMPELLER ASSY	5126911	1	1	1
SEAL & SPRING ASSY	5186571	1	1	1
INSERT	5186572	1	1	1
GASKET, WATER PUMP COVER	5150188	1	1	1
GASKET, WATER PUMP MOUNTING	5150193	1	1	1
PACKING, PUMP OUTLET	5150191	1	1	1
THROWER, WATER PUMP DRIVE	5114011	1	1	1
KIT, WATER PUMP RECONDITIONING (FOR STD. PUMPS)	23506851	1	1	1
SHAFT & BEARING ASSY, WATER PUMP	908337	1	1	1
IMPELLER ASSY	23505997	1	1	1
SEAL ASSY	23506248	1	1	1
SEAL RING	23508431	1	1	1
GASKET, WATER PUMP COVER	5150188	1	1	1
GASKET, WATER PUMP MOUNTING	5150193	1	1	1
PACKING, PUMP OUTLET	5150191	1	1	1
THROWER, WATER PUMP DRIVE	5114011	1	1	1
KIT, WATER PUMP RECONDITIONING (FOR HI-CAPACITY PUMPS)	23506870	1	1	1
SHAFT & BEARING ASSY, WATER PUMP	908337	1	1	1
IMPELLER ASSY (WITH CERAMIC SEAL)	5135612	1	1	1
SEAL ASSY (UNITIZED)	23506248	1	1	1
GASKET, WATER PUMP COVER	5178273	1	1	1
GASKET, WATER PUMP MOUNTING	5150193	1	1	1
SEAL RING	23508431	1	1	1
THROWER, WATER PUMP DRIVE	5114011	1	1	1

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DETROIT DIESEL 71 IN-LINE SERIES

WATER PUMPS & RELATED PARTS (continued)	PART NO	QTY 3-71	QTY 4-71	QTY 6-71
KIT, SEAL & SHAFT (EXCLUDES IMPELLER)	5149918	1	1	1
SHAFT & BEARING ASSY, WATER PUMP	908337	1	1	1
GASKET, WATER PUMP COVER (STD.)	5150188	1	1	1
GASKET, WATER PUMP COVER (HI-CAP)	5178273	1	1	1
SEAL RING	23508431	1	1	1
PACKING, PUMP OUTLET	5150191	1	1	1
GASKET, WATER PUMP MOUNTING	5150193	1	1	1
INSERT, WATER PUMP CERAMIC	5117342	1	1	1
WASHER, ADHESIVE	5197310	2	2	2

THERMOSTATS	PART NO	3-71	4-71	6-71
THERMOSTAT (165 DEG.) (WEIR TYPE)	23503828	-	-	2
THERMOSTAT (170 DEG.) (WITH VENT)	3041379	1	-	-
THERMOSTAT (170 DEG.)	5172141	1	1	1
THERMOSTAT (170 DEG.)	23503826	-	1	2
THERMOSTAT (173 DEG.) (CHOKE & SHIELD)	5104238	1	1	1
THERMOSTAT (180 DEG.)	5104096	-	-	1

RAW WATER PUMPS & KITS	PART NO	3-71	4-71	6-71
PUMP ASSY, RAW WATER	5115396	1	1	-
PUMP ASSY, RAW WATER (LESS ADAPTOR FLANGE)	23507971	1	1	-
REPAIR KIT, RAW WATER PUMP	5197223	1	1	-
KIT, IMPELLER & SEAL, RAW WATER PUMP	5198460	1	1	-
PUMP ASSY, RAW WATER	5122599	-	-	1
PUMP ASSY, RAW WATER (LESS ADAPTOR FLANGE)	23507972	-	-	1
REPAIR KIT, RAW WATER PUMP	5197222	-	-	1
KIT, IMPELLER & SEAL, RAW WATER PUMP	5196846	-	-	1

EXHAUST MANIFOLD GASKETS	PART NO	3-71	4-71	6-71
GASKET, EXHAUST MANIFOLD	5150194	1	-	-
GASKET, EXHAUST MANIFOLD (END)	5150195	-	2	2
GASKET, EXHAUST MANIFOLD (INTERMEDIATE)	5150196	-	-	1
GASKET, EXHAUST MANIFOLD (METAL CLAD) (END)	5120224	-	2	2
GASKET, EXHAUST MANIFOLD (METAL CLAD) (INTERMEDIATE)	5120223	-	-	1

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DETROIT DIESEL 71 IN-LINE SERIES

CYLINDER KITS (TRUNK TYPE PISTON)

IN-LINE 71, AUTOMOTIVE, COACH & INDUSTRIAL (1.05" PORT) (18.7:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON	PISTON PIN	RETAINER (QTY 2)	RING SET	LINER
CYLINDER KIT #2	23505305	5149234	5188406	5188405	23514970	23502021
CYLINDER KIT #3	23505306	5149234	5188406	5188405	23514970	23502022
CYLINDER KIT #4	5149261	5149234	5188406	5188405	23514970	23504936
CYLINDER KIT .010" O.S.	5149263	5149234	5188406	5188405	23514970	5193733
CYLINDER KIT .020" O.S.	5149264	5149234	5188406	5188405	23514970	5193734

IN-LINE 71 TURBO, AUTOMOTIVE, COACH & INDUSTRIAL (1.05" PORT) (17:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON	PISTON PIN	RETAINER (QTY 2)	RING SET	LINER
Cylinder Kit #2	KM5307	5149236	5144495	5188405	23514971	23502021
Cylinder Kit #3	23505307	5149236	5144495	5188405	23514971	23502022
Cylinder Kit #4	KM5307-001	5149236	5144495	5188405	23514971	23504936
Cylinder Kit .010" O.S.	KM5307-010	5149236	5144495	5188405	23514971	5193733
Cylinder Kit .020" O.S.	KM5307-020	5149236	5144495	5188405	23514971	5193734

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT DIESEL 71 IN-LINE SERIES

CYLINDER KITS (CROSSHEAD PISTON)

IN-LINE 71 NA, AUTOMOTIVE, COACH & INDUSTRIAL (1.05" PORT) (18.7:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522949	23522026	23522070	8922221	5144744	23522955	23502021
CYLINDER KIT #3	23522947	23522026	23522070	8922221	5144744	23522955	23502022
CYLINDER KIT #4	23522521	23522026	23522070	8922221	5144744	23522955	23504936
CYLINDER KIT .010" O.S.	23522951	23522026	23522070	8922221	5144744	23522955	5193733
CYLINDER KIT .020" O.S.	23522525	23522026	23522070	8922221	5144744	23522955	5193734

IN-LINE 71 T/TA ALL MODELS (1.05" PORT) (17:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522485	23521992	23522070	8922221	5144744	23522954	23502021
CYLINDER KIT #3	23522953	23521992	23522070	8922221	5144744	23522954	23502022
CYLINDER KIT #4	23522489	23521992	23522070	8922221	5144744	23522954	23504936
CYLINDER KIT .010" O.S.	23522491	23521992	23522070	8922221	5144744	23522954	5193733
CYLINDER KIT .020" O.S.	23522493	23521992	23522070	8922221	5144744	23522954	5193734

IN-LINE 71 TA/TAB INDUSTRIAL, MARINE (.95" PORT) (17:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522473	23521992	23522070	8922221	5144744	23522954	23502024
CYLINDER KIT #3	23522477	23521992	23522070	8922221	5144744	23522954	23502025
CYLINDER KIT #4	23522479	23521992	23522070	8922221	5144744	23522954	23504935
CYLINDER KIT .010" O.S.	23522481	23521992	23522070	8922221	5144744	23522954	5107449
CYLINDER KIT .020" O.S.	23522483	23521992	23522070	8922221	5144744	23522954	5107450

IN-LINE 71 TA/TAB AUTOMOTIVE & CITY COACH (.95" PORT) (18.7:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522507	23522026	23522070	8922221	5144744	23522955	23502024
CYLINDER KIT #3	23522509	23522026	23522070	8922221	5144744	23522955	23502025
CYLINDER KIT #4	23522511	23522026	23522070	8922221	5144744	23522955	23504935
CYLINDER KIT .010" O.S.	23522513	23522026	23522070	8922221	5144744	23522955	5107449
CYLINDER KIT .020" O.S.	23522515	23522026	23522070	8922221	5144744	23522955	5107450

CROSS-HEAD KITS USE:
(NOT SHOWN IN ABOVE TABLE)

23501687
5180250

BEARING, PISTON PIN (SLIPPER TYPE)
RETAINER, (2) PER PISTON

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-3ILA	QTY	PART NO KMP23505306.EOK-3ILA	QTY	PART NO KMP5149261.EOK-3ILA	QTY
CYLINDER KIT	23505305	3	23505306	3	5149261	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-3ILB	QTY	PART NO KMP23505306.EOK-3ILB	QTY	PART NO KMP5149261.EOK-3ILB	QTY
CYLINDER KIT	23505305	3	23505306	3	5149261	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505305.OFK-3IL	QTY	PART NO KMP23505306.OFK-3IL	QTY	PART NO KMP5149261.OFK-3IL	QTY
CYLINDER KIT	23505305	3	23505306	3	5149261	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505305.IFK-3IL	QTY	PART NO KMP23505306.IFK-3IL	QTY	PART NO KMP5149261.IFK-3IL	QTY
CYLINDER KIT	23505305	3	23505306	3	5149261	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-3ILA	QTY	PART NO KMP5149264.EOK-3ILA	QTY	PART NO KMP5307.EOK-3ILA	QTY
CYLINDER KIT	5149263	3	5149264	3	KM5307	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-3ILB	QTY	PART NO KMP5149264.EOK-3ILB	QTY	PART NO KMP5307.EOK-3ILB	QTY
CYLINDER KIT	5149263	3	5149264	3	KM5307	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5149263.OFK-3IL	QTY	PART NO KMP5149264.OFK-3IL	QTY	PART NO KMP5307.OFK-3IL	QTY
CYLINDER KIT	5149263	3	5149264	3	KM5307	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5149263.IFK-3IL	QTY	PART NO KMP5149264.IFK-3IL	QTY	PART NO KMP5307.IFK-3IL	QTY
CYLINDER KIT	5149263	3	5149264	3	KM5307	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-3ILA	QTY	PART NO KMP5307-001.EOK-3ILA	QTY	PART NO KMP5307-010.EOK-3ILA	QTY
CYLINDER KIT	23505307	3	KM5307-001	3	KM5307-010	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-3ILB	QTY	PART NO KMP5307-001.EOK-3ILB	QTY	PART NO KMP5307-010.EOK-3ILB	QTY
CYLINDER KIT	23505307	3	KM5307-001	3	KM5307-010	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505307.OFK-3IL	QTY	PART NO KMP5307-001.OFK-3IL	QTY	PART NO KMP5307-010.OFK-3IL	QTY
CYLINDER KIT	23505307	3	KM5307-001	3	KM5307-010	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CONROD BUSHING	5157274	6	5157274	6	5157274	6
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505307.IFK-3IL	QTY	PART NO KMP5307-001.IFK-3IL	QTY	PART NO KMP5307-010.IFK-3IL	QTY
CYLINDER KIT	23505307	3	KM5307-001	3	KM5307-010	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-3ILA	QTY
CYLINDER KIT	KM5307-020	3
MAIN BEARING STD	5192874	4
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	3
CONROD BUSHING	5157274	6
CAMSHAFT BUSH	5111422	4
CAMSHAFT BUSH	5111423	4
CAMSHAFT BUSH	5196022	2
VALVE KIT, EXHAUST	23500501	12
VALVE GUIDE	5117564	12
VALVE SPRING	5147347	12
GASKET KIT O/HAUL	23512674	1
ROCKER COVER GASKET	5143405	1
ROCKER COVER GASKET	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-3ILB	QTY
CYLINDER KIT	KM5307-020	3
MAIN BEARING STD	5192874	4
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	3
CONROD BUSHING	5157274	6
CAMSHAFT BUSH	5111422	4
CAMSHAFT BUSH	5111423	4
CAMSHAFT BUSH	5196022	2
VALVE KIT, EXHAUST	5149386	12
VALVE GUIDE	5117564	12
VALVE SPRING	5147347	12
GASKET KIT O/HAUL	23512674	1
ROCKER COVER GASKET	5143405	1
ROCKER COVER GASKET	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.OFK-3IL	QTY
CYLINDER KIT	KM5307-020	3
MAIN BEARING STD	5192874	4
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	3
CONROD BUSHING	5157274	6
GASKET KIT O/HAUL	23512674	1
ROCKER COVER GASKET	5143405	1
ROCKER COVER GASKET	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.IFK-3IL	QTY
CYLINDER KIT	KM5307-020	3
CONROD BEARING STD	23511129	3
UPPER GASKET KIT	5193116	1
ROCKER COVER GASKET	5143405	1
ROCKER COVER GASKET	5104018	1
OIL PAN GASKET	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-3ILA	QTY	PART NO KMP23522947.EOK-3ILA	QTY	PART NO KMP23522521.EOK-3ILA	QTY
CYLINDER KIT	23522949	3	23522947	3	23522521	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-3ILB	QTY	PART NO KMP23522947.EOK-3ILB	QTY	PART NO KMP23522521.EOK-3ILB	QTY
CYLINDER KIT	23522949	3	23522947	3	23522521	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522949.OFK-3IL	QTY	PART NO KMP23522947.OFK-3IL	QTY	PART NO KMP23522521.OFK-3IL	QTY
CYLINDER KIT	23522949	3	23522947	3	23522521	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522949.IFK-3IL	QTY	PART NO KMP23522947.IFK-3IL	QTY	PART NO KMP23522521.IFK-3IL	QTY
CYLINDER KIT	23522949	3	23522947	3	23522521	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-3ILA	QTY	PART NO KMP23522525.EOK-3ILA	QTY	PART NO KMP23522485.EOK-3ILA	QTY
CYLINDER KIT	23522951	3	23522525	3	23522485	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-3ILB	QTY	PART NO KMP23522525.EOK-3ILB	QTY	PART NO KMP23522485.EOK-3ILB	QTY
CYLINDER KIT	23522951	3	23522525	3	23522485	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

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ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522951.OFK-3IL	QTY	PART NO KMP23522525.OFK-3IL	QTY	PART NO KMP23522485.OFK-3IL	QTY
CYLINDER KIT	23522951	3	23522525	3	23522485	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522951.IFK-3IL	QTY	PART NO KMP23522525.IFK-3IL	QTY	PART NO KMP23522485.IFK-3IL	QTY
CYLINDER KIT	23522951	3	23522525	3	23522485	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-3ILA	QTY	PART NO KMP23522489.EOK-3ILA	QTY	PART NO KMP23522491.EOK-3ILA	QTY
CYLINDER KIT	23522953	3	23522489	3	23522491	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-3ILB	QTY	PART NO KMP23522489.EOK-3ILB	QTY	PART NO KMP23522491.EOK-3ILB	QTY
CYLINDER KIT	23522953	3	23522489	3	23522491	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522953.OFK-3IL	QTY	PART NO KMP23522489.OFK-3IL	QTY	PART NO KMP23522491.OFK-3IL	QTY
CYLINDER KIT	23522953	3	23522489	3	23522491	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522953.IFK-3IL	QTY	PART NO KMP23522489.IFK-3IL	QTY	PART NO KMP23522491.IFK-3IL	QTY
CYLINDER KIT	23522953	3	23522489	3	23522491	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-3ILA	QTY	PART NO KMP23522473.EOK-3ILA	QTY	PART NO KMP23522477.EOK-3ILA	QTY
CYLINDER KIT	23522493	3	23522473	3	23522477	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-3ILB	QTY	PART NO KMP23522473.EOK-3ILB	QTY	PART NO KMP23522477.EOK-3ILB	QTY
CYLINDER KIT	23522493	3	23522473	3	23522477	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

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ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522493.OFK-3IL	QTY	PART NO KMP23522473.OFK-3IL	QTY	PART NO KMP23522477.OFK-3IL	QTY
CYLINDER KIT	23522493	3	23522473	3	23522477	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522493.IFK-3IL	QTY	PART NO KMP23522473.IFK-3IL	QTY	PART NO KMP23522477.IFK-3IL	QTY
CYLINDER KIT	23522493	3	23522473	3	23522477	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-3ILA	QTY	PART NO KMP23522481.EOK-3ILA	QTY	PART NO KMP23522483.EOK-3ILA	QTY
CYLINDER KIT	23522479	3	23522481	3	23522483	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-3ILB	QTY	PART NO KMP23522481.EOK-3ILB	QTY	PART NO KMP23522483.EOK-3ILB	QTY
CYLINDER KIT	23522479	3	23522481	3	23522483	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522479.OFK-3IL	QTY	PART NO KMP23522481.OFK-3IL	QTY	PART NO KMP23522483.OFK-3IL	QTY
CYLINDER KIT	23522479	3	23522481	3	23522483	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522479.IFK-3IL	QTY	PART NO KMP23522481.IFK-3IL	QTY	PART NO KMP23522483.IFK-3IL	QTY
CYLINDER KIT	23522479	3	23522481	3	23522483	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-3ILA	QTY	PART NO KMP23522509.EOK-3ILA	QTY	PART NO KMP23522511.EOK-3ILA	QTY
CYLINDER KIT	23522507	3	23522509	3	23522511	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-3ILB	QTY	PART NO KMP23522509.EOK-3ILB	QTY	PART NO KMP23522511.EOK-3ILB	QTY
CYLINDER KIT	23522507	3	23522509	3	23522511	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522507.OFK-3IL	QTY	PART NO KMP23522509.OFK-3IL	QTY	PART NO KMP23522511.OFK-3IL	QTY
CYLINDER KIT	23522507	3	23522509	3	23522511	3
MAIN BEARING STD	5192874	4	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522507.IFK-3IL	QTY	PART NO KMP23522509.IFK-3IL	QTY	PART NO KMP23522511.IFK-3IL	QTY
CYLINDER KIT	23522507	3	23522509	3	23522511	3
CONROD BEARING STD	23511129	3	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-3ILA	QTY	PART NO KMP23522515.EOK-3ILA	QTY
CYLINDER KIT	23522513	3	23522515	3
MAIN BEARING STD	5192874	4	5192874	4
THRUST BEARING STD	5159353	4v	5159353	4
CONROD BEARING STD	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2
VALVE KIT, EXHAUST	23500501	12	23500501	12
VALVE GUIDE	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-3ILB	QTY	PART NO KMP23522515.EOK-3ILB	QTY
CYLINDER KIT	23522513	3	23522515	3
MAIN BEARING STD	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3
CAMSHAFT BUSH	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	2	5196022	2
VALVE KIT, EXHAUST	5149386	12	5149386	12
VALVE GUIDE	5117564	12	5117564	12
VALVE SPRING	5147347	12	5147347	12
GASKET KIT O/HAUL	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 3-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522513.OFK-3IL	QTY	PART NO KMP23522515.OFK-3IL	QTY
CYLINDER KIT	23522513	3	23522515	3
MAIN BEARING STD	5192874	4	5192874	4
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	3	23511129	3
GASKET KIT O/HAUL	23512674	1	23512674	1
ROCKER COVER GASKET	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522513.IFK-3IL	QTY	PART NO KMP23522515.IFK-3IL	QTY
CYLINDER KIT	23522513	3	23522515	3
CONROD BEARING STD	23511129	3	23511129	3
UPPER GASKET KIT	5193116	1	5193116	1
ROCKER COVER GASKET	5143405	1	5143405	1
ROCKER COVER GASKET	5104018	1	5104018	1
OIL PAN GASKET	5150115	1	5150115	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-4ILA	QTY	PART NO KMP23505306.EOK-4ILA	QTY	PART NO KMP5149261.EOK-4ILA	QTY
CYLINDER KIT	23505305	4	23505306	4	5149261	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-4ILB	QTY	PART NO KMP23505306.EOK-4ILB	QTY	PART NO KMP5149261.EOK-4ILB	QTY
CYLINDER KIT	23505305	4	23505306	4	5149261	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505305.OFK-4IL	QTY	PART NO KMP23505306.OFK-4IL	QTY	PART NO KMP5149261.OFK-4IL	QTY
CYLINDER KIT	23505305	4	23505306	4	5149261	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505305.IFK-4IL	QTY	PART NO KMP23505306.IFK-4IL	QTY	PART NO KMP5149261.IFK-4IL	QTY
CYLINDER KIT	23505305	4	23505306	4	5149261	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-4ILA	QTY	PART NO KMP5149264.EOK-4ILA	QTY	PART NO KMP5307.EOK-4ILA	QTY
CYLINDER KIT	5149263	4	5149264	4	KM5307	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-4ILB	QTY	PART NO KMP5149264.EOK-4ILB	QTY	PART NO KMP5307.EOK-4ILB	QTY
CYLINDER KIT	5149263	4	5149264	4	KM5307	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5149263.OFK-4IL	QTY	PART NO KMP5149264.OFK-4IL	QTY	PART NO KMP5307.OFK-4IL	QTY
CYLINDER KIT	5149263	4	5149264	4	KM5307	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5149263.IFK-4IL	QTY	PART NO KMP5149264.IFK-4IL	QTY	PART NO KMP5307.IFK-4IL	QTY
CYLINDER KIT	5149263	4	5149264	4	KM5307	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-4ILA	QTY	PART NO KMP5307-001.EOK-4ILA	QTY	PART NO KMP5307-010.EOK-4ILA	QTY
CYLINDER KIT	23505307	4	KM5307-001	4	KM5307-010	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-4ILB	QTY	PART NO KMP5307-001.EOK-4ILB	QTY	PART NO KMP5307-010.EOK-4ILB	QTY
CYLINDER KIT	23505307	4	KM5307-001	4	KM5307-010	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505307.OFK-4IL	QTY	PART NO KMP5307-001.OFK-4IL	QTY	PART NO KMP5307-010.OFK-4IL	QTY
CYLINDER KIT	23505307	4	KM5307-001	4	KM5307-010	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505307.IFK-4IL	QTY	PART NO KMP5307-001.IFK-4IL	QTY	PART NO KMP5307-010.IFK-4IL	QTY
CYLINDER KIT	23505307	4	KM5307-001	4	KM5307-010	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-4ILA	QTY
CYLINDER KIT	KM5307-020	4
MAIN BEARING STD	5192874	5
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	4
CONROD BUSHING	5157274	8
CAMSHAFT BUSH	5111422	4
CAMSHAFT BUSH	5111423	4
CAMSHAFT BUSH	5196022	3
VALVE KIT, EXHAUST	23500501	16
VALVE GUIDE	5117564	16
VALVE SPRING	5147347	16
GASKET KIT O/HAUL	23512675	1
ROCKER COVER GASKET	5143406	1
ROCKER COVER GASKET	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-4ILB	QTY
CYLINDER KIT	KM5307-020	4
MAIN BEARING STD	5192874	5
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	4
CONROD BUSHING	5157274	8
CAMSHAFT BUSH	5111422	4
CAMSHAFT BUSH	5111423	4
CAMSHAFT BUSH	5196022	3
VALVE KIT, EXHAUST	5149386	16
VALVE GUIDE	5117564	16
VALVE SPRING	5147347	16
GASKET KIT O/HAUL	23512675	1
ROCKER COVER GASKET	5143406	1
ROCKER COVER GASKET	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.OFK-4IL	QTY
CYLINDER KIT	KM5307-020	4
MAIN BEARING STD	5192874	5
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	4
CONROD BUSHING	5157274	8
GASKET KIT O/HAUL	23512675	1
ROCKER COVER GASKET	5143406	1
ROCKER COVER GASKET	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.IFK-4IL	QTY
CYLINDER KIT	KM5307-020	4
CONROD BEARING STD	23511129	4
UPPER GASKET KIT	5198676	1
ROCKER COVER GASKET	5143406	1
ROCKER COVER GASKET	5104081	1
OIL PAN GASKET	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-4ILA	QTY	PART NO KMP23522947.EOK-4ILA	QTY	PART NO KMP23522521.EOK-4ILA	QTY
CYLINDER KIT	23522949	4	23522947	4	23522521	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-4ILB	QTY	PART NO KMP23522947.EOK-4ILB	QTY	PART NO KMP23522521.EOK-4ILB	QTY
CYLINDER KIT	23522949	4	23522947	4	23522521	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522949.OFK-4IL	QTY	PART NO KMP23522947.OFK-4IL	QTY	PART NO KMP23522521.OFK-4IL	QTY
CYLINDER KIT	23522949	4	23522947	4	23522521	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522949.IFK-4IL	QTY	PART NO KMP23522947.IFK-4IL	QTY	PART NO KMP23522521.IFK-4IL	QTY
CYLINDER KIT	23522949	4	23522947	4	23522521	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-4ILA	QTY	PART NO KMP23522525.EOK-4ILA	QTY	PART NO KMP23522485.EOK-4ILA	QTY
CYLINDER KIT	23522951	4	23522525	4	23522485	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-4ILB	QTY	PART NO KMP23522525.EOK-4ILB	QTY	PART NO KMP23522485.EOK-4ILB	QTY
CYLINDER KIT	23522951	4	23522525	4	23522485	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522951.OFK-4IL	QTY	PART NO KMP23522525.OFK-4IL	QTY	PART NO KMP23522485.OFK-4IL	QTY
CYLINDER KIT	23522951	4	23522525	4	23522485	3
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	3
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522951.IFK-4IL	QTY	PART NO KMP23522525.IFK-4IL	QTY	PART NO KMP23522485.IFK-4IL	QTY
CYLINDER KIT	23522951	4	23522525	4	23522485	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-4ILA	QTY	PART NO KMP23522489.EOK-4ILA	QTY	PART NO KMP23522491.EOK-4ILA	QTY
CYLINDER KIT	23522953	4	23522489	4	23522491	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-4ILB	QTY	PART NO KMP23522489.EOK-4ILB	QTY	PART NO KMP23522491.EOK-4ILB	QTY
CYLINDER KIT	23522953	4	23522489	4	23522491	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522953.OFK-4IL	QTY	PART NO KMP23522489.OFK-4IL	QTY	PART NO KMP23522491.OFK-4IL	QTY
CYLINDER KIT	23522953	4	23522489	4	23522491	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522953.IFK-4IL	QTY	PART NO KMP23522489.IFK-4IL	QTY	PART NO KMP23522491.IFK-4IL	QTY
CYLINDER KIT	23522953	4	23522489	4	23522491	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-4ILA	QTY	PART NO KMP23522473.EOK-4ILA	QTY	PART NO KMP23522477.EOK-4ILA	QTY
CYLINDER KIT	23522493	4	23522473	4	23522477	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-4ILB	QTY	PART NO KMP23522473.EOK-4ILB	QTY	PART NO KMP23522477.EOK-4ILB	QTY
CYLINDER KIT	23522493	4	23522473	4	23522477	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522493.OFK-4IL	QTY	PART NO KMP23522473.OFK-4IL	QTY	PART NO KMP23522477.OFK-4IL	QTY
CYLINDER KIT	23522493	4	23522473	4	23522477	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522493.IFK-4IL	QTY	PART NO KMP23522473.IFK-4IL	QTY	PART NO KMP23522477.IFK-4IL	QTY
CYLINDER KIT	23522493	4	23522473	4	23522477	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-4ILA	QTY	PART NO KMP23522481.EOK-4ILA	QTY	PART NO KMP23522483.EOK-4ILA	QTY
CYLINDER KIT	23522479	4	23522481	4	23522483	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-4ILB	QTY	PART NO KMP23522481.EOK-4ILB	QTY	PART NO KMP23522483.EOK-4ILB	QTY
CYLINDER KIT	23522479	4	23522481	4	23522483	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522479.OFK-4IL	QTY	PART NO KMP23522481.OFK-4IL	QTY	PART NO KMP23522483.OFK-4IL	QTY
CYLINDER KIT	23522479	4	23522481	4	23522483	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522479.IFK-4IL	QTY	PART NO KMP23522481.IFK-4IL	QTY	PART NO KMP23522483.IFK-4IL	QTY
CYLINDER KIT	23522479	4	23522481	4	23522483	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-4ILA	QTY	PART NO KMP23522509.EOK-4ILA	QTY	PART NO KMP23522511.EOK-4ILA	QTY
CYLINDER KIT	23522507	4	23522509	4	23522511	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-4ILB	QTY	PART NO KMP23522509.EOK-4ILB	QTY	PART NO KMP23522511.EOK-4ILB	QTY
CYLINDER KIT	23522507	4	23522509	4	23522511	4
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522507.OFK-4IL	QTY	PART NO KMP23522509.OFK-4IL	QTY	PART NO KMP23522511.OFK-4IL	QTY
CYLINDER KIT	23522507	4	23522509	4	23522511	3
MAIN BEARING STD	5192874	5	5192874	5	5192874	4
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	3
GASKET KIT O/HAUL	23512675	1	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522507.IFK-4IL	QTY	PART NO KMP23522509.IFK-4IL	QTY	PART NO KMP23522511.IFK-4IL	QTY
CYLINDER KIT	23522507	4	23522509	4	23522511	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-4ILA	QTY	PART NO KMP23522515.EOK-4ILA	QTY
CYLINDER KIT	23522513	4	23522515	4
MAIN BEARING STD	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3
VALVE KIT, EXHAUST	23500501	16	23500501	16
VALVE GUIDE	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-4ILB	QTY	PART NO KMP23522515.EOK-4ILB	QTY
CYLINDER KIT	23522513	4	23522515	4
MAIN BEARING STD	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4
CAMSHAFT BUSH	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16
GASKET KIT O/HAUL	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 4-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522513.OFK-4IL	QTY	PART NO KMP23522515.OFK-4IL	QTY
CYLINDER KIT	23522513	4	23522515	4
MAIN BEARING STD	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4
GASKET KIT O/HAUL	23512675	1	23512675	1
ROCKER COVER GASKET	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522513.IFK-4IL	QTY	PART NO KMP23522515.IFK-4IL	QTY
CYLINDER KIT	23522513	4	23522515	4
CONROD BEARING STD	23511129	4	23511129	4
UPPER GASKET KIT	5198676	1	5198676	1
ROCKER COVER GASKET	5143406	1	5143406	1
ROCKER COVER GASKET	5104081	1	5104081	1
OIL PAN GASKET	5150116	1	5150116	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-6ILA	QTY	PART NO KMP23505306.EOK-6ILA	QTY	PART NO KMP5149261.EOK-6ILA	QTY
CYLINDER KIT	23505305	6	23505306	6	5149261	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-6ILB	QTY	PART NO KMP23505306.EOK-6ILB	QTY	PART NO KMP5149261.EOK-6ILB	QTY
CYLINDER KIT	23505305	6	23505306	6	5149261	6
MAIN BEARING STD	5192874	5	5192874	5	5192874	5
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	4	23511129	4	23511129	4
CONROD BUSHING	5157274	8	5157274	8	5157274	8
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	3	5196022	3	5196022	3
VALVE KIT, EXHAUST	5149386	16	5149386	16	5149386	16
VALVE GUIDE	5117564	16	5117564	16	5117564	16
VALVE SPRING	5147347	16	5147347	16	5147347	16
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505305.OFK-6IL	QTY	PART NO KMP23505306.OFK-6IL	QTY	PART NO KMP5149261.OFK-6IL	QTY
CYLINDER KIT	23505305	6	23505306	6	5149261	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505305.IFK-6IL	QTY	PART NO KMP23505306.IFK-6IL	QTY	PART NO KMP5149261.IFK-6IL	QTY
CYLINDER KIT	23505305	6	23505306	6	5149261	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-6ILA	QTY	PART NO KMP5149264.EOK-6ILA	QTY	PART NO KMP5307.EOK-6ILA	QTY
CYLINDER KIT	5149263	6	5149264	6	KM5307	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-6ILB	QTY	PART NO KMP5149264.EOK-6ILB	QTY	PART NO KMP5307.EOK-6ILB	QTY
CYLINDER KIT	5149263	6	5149264	6	KM5307	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5149263.OFK-6IL	QTY	PART NO KMP5149264.OFK-6IL	QTY	PART NO KMP5307.OFK-6IL	QTY
CYLINDER KIT	5149263	6	5149264	6	KM5307	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5149263.IFK-6IL	QTY	PART NO KMP5149264.IFK-6IL	QTY	PART NO KMP5307.IFK-6IL	QTY
CYLINDER KIT	5149263	6	5149264	6	KM5307	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-6ILA	QTY	PART NO KMP5307-001.EOK-6ILA	QTY	PART NO KMP5307-010.EOK-6ILA	QTY
CYLINDER KIT	23505307	6	KM5307-001	6	KM5307-010	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-6ILB	QTY	PART NO KMP5307-001.EOK-6ILB	QTY	PART NO KMP5307-010.EOK-6ILB	QTY
CYLINDER KIT	23505307	6	KM5307-001	6	KM5307-010	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505307.OFK-6IL	QTY	PART NO KMP5307-001.OFK-6IL	QTY	PART NO KMP5307-010.OFK-6IL	QTY
CYLINDER KIT	23505307	6	KM5307-001	6	KM5307-010	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CONROD BUSHING	5157274	12	5157274	12	5157274	12
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505307.IFK-6IL	QTY	PART NO KMP5307-001.IFK-6IL	QTY	PART NO KMP5307-010.IFK-6IL	QTY
CYLINDER KIT	23505307	6	KM5307-001	6	KM5307-010	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-6ILA	QTY
CYLINDER KIT	KM5307-020	6
MAIN BEARING STD	5192874	7
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	4
CAMSHAFT BUSH	5111423	4
CAMSHAFT BUSH	5196022	5
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512676	1
ROCKER COVER GASKET	5143407	1
ROCKER COVER GASKET	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-6ILB	QTY
CYLINDER KIT	KM5307-020	6
MAIN BEARING STD	5192874	7
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	4
CAMSHAFT BUSH	5111423	4
CAMSHAFT BUSH	5196022	5
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512676	1
ROCKER COVER GASKET	5143407	1
ROCKER COVER GASKET	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.OFK-6IL	QTY
CYLINDER KIT	KM5307-020	6
MAIN BEARING STD	5192874	7
THRUST BEARING STD	5159353	4
CONROD BEARING STD	23511129	6
CONROD BUSHING	5157274	12
GASKET KIT O/HAUL	23512676	1
ROCKER COVER GASKET	5143407	1
ROCKER COVER GASKET	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.IFK-6IL	QTY
CYLINDER KIT	KM5307-020	6
CONROD BEARING STD	23511129	6
UPPER GASKET KIT	5195742	1
ROCKER COVER GASKET	5143407	1
ROCKER COVER GASKET	5104019	1
OIL PAN GASKET	5150117	1

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DETROIT DIESEL 71 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-6ILA	QTY	PART NO KMP23522947.EOK-6ILA	QTY	PART NO KMP23522521.EOK-6ILA	QTY
CYLINDER KIT	23522949	6	23522947	6	23522521	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-6ILB	QTY	PART NO KMP23522947.EOK-6ILB	QTY	PART NO KMP23522521.EOK-6ILB	QTY
CYLINDER KIT	23522949	6	23522947	6	23522521	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522949.OFK-6IL	QTY	PART NO KMP23522947.OFK-6IL	QTY	PART NO KMP23522521.OFK-6IL	QTY
CYLINDER KIT	23522949	6	23522947	6	23522521	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522949.IFK-6IL	QTY	PART NO KMP23522947.IFK-6IL	QTY	PART NO KMP23522521.IFK-6IL	QTY
CYLINDER KIT	23522949	6	23522947	6	23522521	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-6ILA	QTY	PART NO KMP23522525.EOK-6ILA	QTY	PART NO KMP23522485.EOK-6ILA	QTY
CYLINDER KIT	23522951	6	23522525	6	23522485	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-6ILB	QTY	PART NO KMP23522525.EOK-6ILB	QTY	PART NO KMP23522485.EOK-6ILB	QTY
CYLINDER KIT	23522951	6	23522525	6	23522485	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522951.OFK-6IL	QTY	PART NO KMP23522525.OFK-6IL	QTY	PART NO KMP23522485.OFK-6IL	QTY
CYLINDER KIT	23522951	6	23522525	6	23522485	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522951.IFK-6IL	QTY	PART NO KMP23522525.IFK-6IL	QTY	PART NO KMP23522485.IFK-6IL	QTY
CYLINDER KIT	23522951	6	23522525	6	23522485	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-6ILA	QTY	PART NO KMP23522489.EOK-6ILA	QTY	PART NO KMP23522491.EOK-6ILA	QTY
CYLINDER KIT	23522953	6	23522489	6	23522491	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-6ILB	QTY	PART NO KMP23522489.EOK-6ILB	QTY	PART NO KMP23522491.EOK-6ILB	QTY
CYLINDER KIT	23522953	6	23522489	6	23522491	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522953.OFK-6IL	QTY	PART NO KMP23522489.OFK-6IL	QTY	PART NO KMP23522491.OFK-6IL	QTY
CYLINDER KIT	23522953	6	23522489	6	23522491	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522953.IFK-6IL	QTY	PART NO KMP23522489.IFK-6IL	QTY	PART NO KMP23522491.IFK-6IL	QTY
CYLINDER KIT	23522953	6	23522489	6	23522491	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-6ILA	QTY	PART NO KMP23522473.EOK-6ILA	QTY	PART NO KMP23522477.EOK-6ILA	QTY
CYLINDER KIT	23522493	6	23522473	6	23522477	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-6ILB	QTY	PART NO KMP23522473.EOK-6ILB	QTY	PART NO KMP23522477.EOK-6ILB	QTY
CYLINDER KIT	23522493	6	23522473	6	23522477	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522493.OFK-6IL	QTY	PART NO KMP23522473.OFK-6IL	QTY	PART NO KMP23522477.OFK-6IL	QTY
CYLINDER KIT	23522493	6	23522473	6	23522477	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522493.IFK-6IL	QTY	PART NO KMP23522473.IFK-6IL	QTY	PART NO KMP23522477.IFK-6IL	QTY
CYLINDER KIT	23522493	6	23522473	6	23522477	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-6ILA	QTY	PART NO KMP23522481.EOK-6ILA	QTY	PART NO KMP23522483.EOK-6ILA	QTY
CYLINDER KIT	23522479	6	23522481	6	23522483	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-6ILB	QTY	PART NO KMP23522481.EOK-6ILB	QTY	PART NO KMP23522483.EOK-6ILB	QTY
CYLINDER KIT	23522479	6	23522481	6	23522483	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522479.OFK-6IL	QTY	PART NO KMP23522481.OFK-6IL	QTY	PART NO KMP23522483.OFK-6IL	QTY
CYLINDER KIT	23522479	6	23522481	6	23522483	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522479.IFK-6IL	QTY	PART NO KMP23522481.IFK-6IL	QTY	PART NO KMP23522483.IFK-6IL	QTY
CYLINDER KIT	23522479	6	23522481	6	23522483	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-6ILA	QTY	PART NO KMP23522509.EOK-6ILA	QTY	PART NO KMP23522511.EOK-6ILA	QTY
CYLINDER KIT	23522507	6	23522509	6	23522511	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-6ILB	QTY	PART NO KMP23522509.EOK-6ILB	QTY	PART NO KMP23522511.EOK-6ILB	QTY
CYLINDER KIT	23522507	6	23522509	6	23522511	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5	5196022	5
VALVE KIT, EXHAUST	5149386	24	5149386	24	5149386	24
VALVE GUIDE	5117564	24	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522507.OFK-6IL	QTY	PART NO KMP23522509.OFK-6IL	QTY	PART NO KMP23522511.OFK-6IL	QTY
CYLINDER KIT	23522507	6	23522509	6	23522511	6
MAIN BEARING STD	5192874	7	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522507.IFK-6IL	QTY	PART NO KMP23522509.IFK-6IL	QTY	PART NO KMP23522511.IFK-6IL	QTY
CYLINDER KIT	23522507	6	23522509	6	23522511	6
CONROD BEARING STD	23511129	6	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1	5150117	1

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-6ILA	QTY	PART NO KMP23522515.EOK-6ILA	QTY
CYLINDER KIT	23522513	6	23522515	6
MAIN BEARING STD	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6
CAMSHAFT BUSH	5111422	4	5111422	4
CAMSHAFT BUSH	5111423	4	5111423	4
CAMSHAFT BUSH	5196022	5	5196022	5
VALVE KIT, EXHAUST	23500501	24	23500501	24
VALVE GUIDE	5117564	24	5117564	24
VALVE SPRING	5147347	24	5147347	24
GASKET KIT O/HAUL	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-6ILB	QTY	PART NO KMP23522515.EOK-6ILB	QTY		
CYLINDER KIT	23522513	6	23522515	6		
MAIN BEARING STD	5192874	7	5192874	7		
THRUST BEARING STD	5159353	4	5159353	4		
CONROD BEARING STD	23511129	6	23511129	6		
CAMSHAFT BUSH	5111422	4	5111422	4		
CAMSHAFT BUSH	5111423	4	5111423	4		
CAMSHAFT BUSH	5196022	5	5196022	5		
VALVE KIT, EXHAUST	5149386	24	5149386	24		
VALVE GUIDE	5117564	24	5117564	24		
VALVE SPRING	5147347	24	5147347	24		
GASKET KIT O/HAUL	23512676	1	23512676	1		
ROCKER COVER GASKET	5143407	1	5143407	1		
ROCKER COVER GASKET	5104019	1	5104019	1		
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1		
REAR CRANKSHAFT SEAL	5114335	1	5114335	1		

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DETROIT DIESEL 71 SERIES

DETROIT 6-71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522513.OFK-6IL	QTY	PART NO KMP23522515.OFK-6IL	QTY
CYLINDER KIT	23522513	6	23522515	6
MAIN BEARING STD	5192874	7	5192874	7
THRUST BEARING STD	5159353	4	5159353	4
CONROD BEARING STD	23511129	6	23511129	6
GASKET KIT O/HAUL	23512676	1	23512676	1
ROCKER COVER GASKET	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522513.IFK-6IL	QTY	PART NO KMP23522515.IFK-6IL	QTY
CYLINDER KIT	23522513	6	23522515	6
CONROD BEARING STD	23511129	6	23511129	6
UPPER GASKET KIT	5195742	1	5195742	1
ROCKER COVER GASKET	5143407	1	5143407	1
ROCKER COVER GASKET	5104019	1	5104019	1
OIL PAN GASKET	5150117	1	5150117	1

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DETROIT DIESEL V-71 SERIES

CYLINDER BLOCK	PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
GASKET KIT, ENGINE OVERHAUL (COACH)	23512677	1			
GASKET KIT, ENGINE OVERHAUL	23512678	1			
GASKET KIT, ENGINE OVERHAUL (COACH)	23512679	-	1	-	-
GASKET KIT, ENGINE OVERHAUL	23512680	-	1	-	-
GASKET KIT, ENGINE OVERHAUL	23512681	-	-	1	-
GASKET KIT, ENGINE OVERHAUL	23512682	-	-	-	1

(ENGINE OVERHAUL GASKET KITS DO NOT INCLUDE CRANKSHAFT SEALS OR ROCKER COVER GASKETS)

CYLINDER HEADS	PART NO	6V71	8V71	12V71	16V71
CYLINDER HEAD (BARE) (4 VALVE)	5102769	2	-	-	-
CYLINDER HEAD (BARE) (4 VALVE)	5102771	-	2	-	4
CYLINDER HEAD (BARE) (4 VALVE)	5102770	-	-	2	-
CYLINDER HEAD (WITH VALVES & SPRINGS)	5102769V	2	-	-	-
CYLINDER HEAD (WITH VALVES & SPRINGS)	5102771V	-	2	-	4
CYLINDER HEAD (WITH VALVES & SPRINGS)	5102770V	-	-	2	-
GASKET KIT, CYLINDER HEAD OVERHAUL	5196380	2	-	-	-
GASKET KIT, CYLINDER HEAD OVERHAUL	5196381	-	2	-	4
GASKET KIT, CYLINDER HEAD OVERHAUL	5196382	-	-	2	-

CRANKSHAFT & RELATED PARTS	PART NO	6V71	8V71	12V71	16V71
CRANKSHAFT 6V71	5146733	1	-	-	-
CRANKSHAFT 8V71	5103264	-	1	-	-
CRANKSHAFT 12V71	23502165	-	-	1	-
CRANKSHAFT 16V71 (R/H FRONT)	8927720	-	-	-	1
CRANKSHAFT 16V71 (R/H REAR)	23503663	-	-	-	1
CRANKSHAFT 16V71 (L/H FRONT)	8927722	-	-	-	1
CRANKSHAFT 16V71 (L/H REAR)	23503664	-	-	-	1
SEAL, CRANKSHAFT OIL FRONT (DBL LIP) STD R/H ROT. (.58" WIDE)	8927746	-	-	1	1
SEAL, CRANKSHAFT OIL FRONT STD (.500" WIDE)	5115454	1	1	1	-
SEAL, CRANKSHAFT OIL FRONT (SERRATED) (OIL PUMP MOUNTED)	23514608	1	1	-	-
SEAL, CRANKSHAFT OIL FRONT (-25F OPERATING CONDITIONS) L/H ROT.	8922045	1	1	-	-
SEAL, CRANKSHAFT OIL FRONT (-25F OPERATING CONDITIONS) R/H ROT.	8922046	1	1	-	-
SEAL, CRANKSHAFT OIL FRONT (DBL LIP) STD R/H ROT. (.58" WIDE)	8927746	-	-	1	1
SEAL, CRANKSHAFT OIL FRONT (DBL LIP) STD L/H ROT. (.58" WIDE)	8927747	-	-	1	1
SEAL, CRANKSHAFT OIL FRONT O.S. DBL LIP L/H ROT. (.58" WIDE)	8927748	-	-	1	1
SEAL, CRANKSHAFT OIL FRONT O.S. DBL LIP R/H ROT. (.58" WIDE)	8927749	-	-	1	1
SEAL, CRANKSHAFT OIL FRONT O.S. (SGL LIP) (FRONT TRUNNION MT.)	5197860	-	-	-	1
SLEEVE, FRONT O.S. OIL SEAL (.82" L)(FOR SEAL 5197860)	5198908	-	-	-	1
SLEEVE, FRONT O.S. OIL SEAL (1.24" L)	23507225	-	-	1	1
SEAL, CRANKSHAFT OIL REAR STD (.525" WIDE)	5114335	1	1	1	1
SEAL, CRANKSHAFT OIL REAR STD (SERRATED)	8926761	1	1	1	1
SEAL, CRANKSHAFT OIL REAR (SGL LIP) STD L/H ROT. (.500" WIDE)	23501610	1	1	1	1
SEAL, CRANKSHAFT OIL REAR (DBL LIP) STD R/H ROT. (.58" WIDE)	8927746	1	1	1	1
SEAL, CRANKSHAFT OIL REAR (DBL LIP) STD L/H ROT. (.58" WIDE)	8927747	1	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (SGL LIP) (NON-DIRECTIONAL)	5197860	1	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) (NON-DIRECTIONAL)	5198159	-	-	-	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) (STD)	5127821	1	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) L/H ROT. (.500" WIDE)	23501545	1	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) R/H (.58" WIDE)	8927748	1	1	1	1
SEAL, CRANKSHAFT OIL REAR O.S. (DBL LIP) L/H (.58" WIDE)	8927749	1	1	1	1
SLEEVE, REAR O.S. OIL SEAL (1.24" L)	23507225	1	1	1	-
SLEEVE, REAR O.S. OIL SEAL (1.38" L)	23507226	-	-	-	1

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CRANKSHAFT & RELATED PARTS (CONTINUED) MAIN BEARINGS (NON-SLOTTED UPPER SHELL) (NON-TURBO)

	PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
SHELL SET, MAIN BRG, STD.	5149556	4	5	7	10
SHELL SET, MAIN BRG, .002"	5149557	4	5	7	10
SHELL SET, MAIN BRG, .010"	5149559	4	5	7	10
SHELL SET, MAIN BRG, .020"	5149561	4	5	7	10
SHELL SET, MAIN BRG, .030"	5149563	4	5	7	10

MAIN BEARINGS (SLOTTED UPPER SHELL) (TURBO)

	PART NO	6V71	8V71	12V71	16V71
SHELL SET, MAIN BRG, STD.	5149565	4	5	7	10
SHELL SET, MAIN BRG, .002"	5149566	4	5	7	10
SHELL SET, MAIN BRG, .010"	5149567	4	5	7	10
SHELL SET, MAIN BRG, .020"	5149568	4	5	7	10
SHELL SET, MAIN BRG, .030"	8922118	4	5	7	10
WASHER, MAIN BRG. THRUST STD	5117005	4	4	4	4
WASHER, MAIN BRG. THRUST .005"	5196753	4	4	4	4
WASHER, MAIN BRG. THRUST .010"	5196754	4	4	4	4
PIN, DOWEL	141346	4	4	4	4

VIBRATION DAMPERS

	PART NO	6V71	8V71	12V71	16V71
DAMPER, VIBRATION (HEAVY VISCOUS) (12.3" DIA)	8925437	-	1	1	1
DAMPER, VIBRATION (HEAVY VISCOUS) (12.3" DIA)	8922491	-	1	1	-
DAMPER, VIBRATION (HEAVY VISCOUS) (12.3" DIA)	8922492	-	1	1	1
DAMPER, VIBRATION (HEAVY VISCOUS) (15" DIA)	5106222	-	-	-	1
CONE, DAMPER FRONT (.531"L.)	5134917	-	1	1	1
CONE, DAMPER FRONT (.937"L.)	5102957	-	1	1	1
CONE, DAMPER FRONT (1.701"L.)	5104475	-	1	1	1
CONE, DAMPER FRONT (2.12"L.)	23502705	-	-	1	-
CONE, DAMPER REAR (.531"L.)	23507299	-	-	1	-
CONE, DAMPER REAR (1.40"L.)	23506876	-	1	1	1
CONE, DAMPER REAR (2.22"L.)	23507297	-	-	1	-
CONE, DAMPER REAR (3.09"L.)	23507296	-	-	1	-

CONNECTING ROD & PISTONS

	PART NO	6V71	8V71	12V71	16V71
CONNECTING ROD ASSY (TRUNK TYPE)	5135756	6	8	12	16
CONNECTING ROD ASSY (CROSS-HEAD)	5147798	6	8	12	16
BOLT, CONNECTING ROD	5132383	12	16	24	32
NUT, CONNECTING ROD	5117629	12	16	24	32
BUSHING, CONNECTING ROD (TRUNK TYPE)	5157274	12	16	24	32
BOLT, PISTON PIN	5148373	12	16	24	32
SPACER, PISTON PIN BOLT	5144846	12	16	24	32
SHELL SET, CONNECTING ROD STD.	5149572	6	8	12	16
SHELL SET, CONNECTING ROD .002"	5149573	6	8	12	16
SHELL SET, CONNECTING ROD .010"	5149575	6	8	12	16
SHELL SET, CONNECTING ROD .020"	5149577	6	8	12	16
SHELL SET, CONNECTING ROD .020"	5149579	6	8	12	16

PISTON RING SETS

	PART NO	6V71	8V71	12V71	16V71
RING SET (TRUNK TYPE PISTON) (NON-TURBO)	23514970	6	8	12	16
RING SET (TRUNK TYPE PISTON) TURBO	23514971	6	8	12	16

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WATER PUMPS & RELATED PARTS (CONTINUED)		PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
KIT, WATER PUMP RECONDITIONING	23506368	-	-	1	-	
IMPELLER ASSY	23506001	-	-	1	-	
SHAFT, WATER PUMP	23506053	-	-	1	-	
SEAL ASSY (UNITIZED)	23506248	-	-	1	-	
SEAL, OIL	5117983	-	-	1	-	
BEARING, INNER	23503687	-	-	1	-	
BEARING, OUTER	23503649	-	-	1	-	
GASKET, WATER PUMP COVER	5117976	-	-	1	-	
SEAL RING	5103544	-	-	1	-	
RING, RETAINER	274746	-	-	1	-	
NUT, 7/16" - 20 LOCK	5117972	-	-	1	-	
WASHER, PLAIN	221436	-	-	1	-	
KIT, WATER PUMP RECONDITIONING	23506871	-	-	1	1	
IMPELLER ASSY	23506002	-	-	1	1	
SHAFT, WATER PUMP	23506053	-	-	1	1	
SEAL ASSY (UNITIZED)	23506248	-	-	1	1	
SEAL, OIL	5117983	-	-	1	1	
BEARING, INNER	23503687	-	-	1	1	
BEARING, OUTER	23503649	-	-	1	1	
GASKET, WATER PUMP COVER	23505239	-	-	1	1	
GASKET, WATER PUMP	5109515	-	-	1	1	
RING, RETAINER	274746	-	-	1	1	
NUT, 7/16" - 20 LOCK	5117972	-	-	1	1	
THERMOSTATS		PART NO	6V71	8V71	12V71	16V71
THERMOSTAT (160 DEG.)	5102112	2	2	-	-	
THERMOSTAT (165 DEG.) (WEIR TYPE)	23503828	-	2	-	-	
THERMOSTAT (170 DEG.)	23503826	2	2	4	4	
THERMOSTAT (173 DEG.) (CHOKE & SHIELD)	5104238	-	2	-	-	
THERMOSTAT (180 DEG.)	5104096	2	2	-	-	
THERMOSTAT (180 DEG.)	23503825	2	2	4	4	
RAW WATER PUMPS & KITS		PART NO	6V71	8V71	12V71	16V71
PUMP ASSY, RAW WATER	5115396	1	-	-	-	
PUMP ASSY, RAW WATER (LESS ADAPTOR FLANGE)	23507971	1	-	-	-	
REPAIR KIT, RAW WATER PUMP	5197223	1	-	-	-	
KIT, IMPELLER & SEAL, RAW WATER PUMP	5198460	1	-	-	-	
PUMP ASSY, RAW WATER	5122599	-	1	1	1	
PUMP ASSY, RAW WATER (LESS ADAPTOR FLANGE)	23507972	-	1	1	1	
REPAIR KIT, RAW WATER PUMP	5197222	-	1	1	1	
KIT, IMPELLER & SEAL, RAW WATER PUMP	5196846	-	1	1	1	
EXHAUST MANIFOLD GASKETS		PART NO	6V71	8V71	12V71	16V71
GASKET, EXHAUST MANIFOLD	5150194	2	-	-	-	
GASKET, EXHAUST MANIFOLD (END)	5150195	-	4	-	-	
GASKET, EXHAUST MANIFOLD (INTERMEDIATE)	5150196	-	4	6	8	
GASKET, EXHAUST MANIFOLD (METAL CLAD) (END)	5120224	-	4	4	8	
GASKET, EXHAUST MANIFOLD (METAL CLAD) (INTERMEDIATE)	5120223	-	-	2	4	

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CONNECTING ROD & PISTONS (CONTINUED) PISTON RING SETS		PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
RING SET (CROSS-HEAD PISTON) (NON-TURBO) (18.7:1 RATIO)		23522955	6	8	12	16
RING, FIRE KEYSTONE (NARROW GAP, GROOVED)		8924084	1	)		
RING, COMPRESSION (BARREL FACE)		8926351	2	)		
RING, OIL CONTROL (CHROME, NON-SLOTTED)		8926402	1	)	COMPONENTS SHOWN MAKE UP	
RING, OIL CONTROL (BLACK, NON-SLOTTED)		8926403	1	)	QTY 1, RING SET.	
RING, OIL CONTROL (SLOTTED)		5179824	2	)		
EXPANDER, LOW TENSION (ORANGE STRIPE)		5148261	2	)		
EXPANDER, HGH TENSION (ORANGE STRIPE)		5112016	2	)		
RING SET (CROSS-HEAD PISTON) (TURBO) (17.0:1 RATIO)		23522955	6	8	12	16
RING, FIRE KEYSTONE (WIDE GAP, GROOVED)		8924083	1	)		
RING, COMPRESSION (BARREL FACE)		8926351	2	)		
RING, OIL CONTROL (CHROME, NON-SLOTTED)		8926402	1	)	COMPONENTS SHOWN MAKE UP	
RING, OIL CONTROL (BLACK, NON-SLOTTED)		8926403	1	)	QTY 1, RING SET.	
RING, OIL CONTROL (SLOTTED)		5179824	2	)		
EXPANDER, LOW TENSION (ORANGE STRIPE)		5148261	2	)		
EXPANDER, HGH TENSION (ORANGE STRIPE)		5112016	2	)		
PISTON & DOME KITS		PART NO	6V71	8V71	12V71	16V71
PISTON KIT, (TRUNK TYPE) (18.7:1 RATIO, NON-TURBO)		5149234	6	8	12	16
RETAINER, PISTON PIN		5188405	12	16	24	32
PISTON KIT, (TRUNK TYPE) (17.0:1 RATIO, TURBO)		5149236	6	8	12	16
RETAINER, PISTON PIN		5188405	12	16	24	32
PISTON KIT, (CROSS-HEAD) (18.7:1 RATIO, NON-TURBO)		23522497	6	8	12	16
DOME, PISTON		23522026	6	8	12	16
SKIRT, PISTON		23522070	6	8	12	16
RING, CROSS-HEAD PISTON SEAL		8922221	6	8	12	16
PISTON PIN		5144744	6	8	12	16
BEARING, PISTON PIN (SLIPPER TYPE)		23501687	6	8	12	16
RETAINER, PISTON PIN		5180250	12	16	24	32
DOME KIT, (18.7:1 RATIO, NON-TURBO)		23522535	6	8	12	16
DOME, PISTON		23522026	6	8	12	16
RING, CROSS-HEAD PISTON SEAL		8922221	6	8	12	16
PISTON PIN		5144744	6	8	12	16
BEARING, PISTON PIN (SLIPPER TYPE)		23501687	6	8	12	16
RETAINER, PISTON PIN		5180250	12	16	24	32
PISTON KIT, (CROSS-HEAD) (17.0:1 RATIO, TURBO)		23522495	6	8	12	16
DOME, PISTON		23521992	6	8	12	16
SKIRT, PISTON		23522070	6	8	12	16
RING, CROSS-HEAD PISTON SEAL		8922221	6	8	12	16
PISTON PIN		5144744	6	8	12	16
BEARING, PISTON PIN (SLIPPER TYPE)		23501687	6	8	12	16
RETAINER, PISTON PIN		5180250	12	16	24	32
DOME KIT, (17.0:1 RATIO, TURBO)		23522475	6	8	12	16
DOME, PISTON		23521992	6	8	12	16
RING, CROSS-HEAD PISTON SEAL		8922221	6	8	12	16
PISTON PIN		5144744	6	8	12	16
BEARING, PISTON PIN (SLIPPER TYPE)		23501687	6	8	12	16
RETAINER, PISTON PIN		5180250	12	16	24	32

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CONNECTING ROD & PISTONS (CONTINUED) CYLINDER LINERS (1.05" PORT HEIGHT)	PART NO	LINER O.D. INCHES	BLOCK BORE INCHES
CYLINDER LINER #1	23502020	4.6250 - 4.6255	4.6260 - 4.6265
CYLINDER LINER #2	23502021	4.6256 - 4.6260	4.6266 - 4.6270
CYLINDER LINER #3	23502022	4.6261 - 4.6265	4.6271 - 4.6275
CYLINDER LINER #4	23504936	4.6266 - 4.6270	4.6276 - 4.6280
CYLINDER LINER .005" O.S.	5193732		
CYLINDER LINER .010" O.S.	5193733		
CYLINDER LINER .020" O.S.	5193734		

CYLINDER LINERS (.95" PORT HEIGHT)	PART NO	LINER O.D. INCHES		BLOCK BORE INCHES	
CYLINDER LINER #1	23502023	4.6250 - 4.6255		4.6260 - 4.6265	
CYLINDER LINER #2	23502024	4.6256 - 4.6260		4.6266 - 4.6270	
CYLINDER LINER #3	23502025	4.6261 - 4.6265		4.6271 - 4.6275	
CYLINDER LINER #4	23504935	4.6266 - 4.6270		4.6276 - 4.6280	
CYLINDER LINER .005" O.S.	5107448				
CYLINDER LINER .010" O.S.	5107449				
CYLINDER LINER .020" O.S.	5107450				
INSERT, CYLINDER LINER (.1795" - .1800"THICK)	5184484	A/R	A/R	A/R	A/R
INSERT, CYLINDER LINER (.1810" - .1815"THICK)	5148399	A/R	A/R	A/R	A/R
SHIM, CYLINDER LINER (.002" THICK)	5199569	A/R	A/R	A/R	A/R
CYLINDER KITS	SEE PAGE 98	6	8	12	16

CAMSHAFTS & RELATED PARTS	PART NO	6V71	8V71	12V71	16V71
CAMSHAFT, R. BANK, R/H ROT (STAMPED 5117870)	5117857	1	-	-	-
CAMSHAFT, L. BANK, R/H ROT (STAMPED 5117869)	5117858	1	-	-	-
CAMSHAFT, R. BANK, L/H ROT (STAMPED 5149519)	5146163	1	-	-	-
CAMSHAFT, L. BANK, L/H ROT (STAMPED 5117875)	5117860	1	-	-	-
CAMSHAFT, R. BANK, R/H ROT (STAMPED 5117872)	5117853	-	1	-	-
CAMSHAFT, L. BANK, R/H ROT (STAMPED 5117871)	5117854	-	1	-	-
CAMSHAFT, R. BANK, L/H ROT (STAMPED 5139796)	5146074	-	1	-	-
CAMSHAFT, L. BANK, L/H ROT (STAMPED 5117877)	5117856	-	1	-	-
CAMSHAFT, R. BANK, R/H ROT (STAMPED 5117874)	5117849	-	-	1	-
CAMSHAFT, L. BANK, R/H ROT (STAMPED 5117873)	5117850	-	-	1	-
CAMSHAFT, R. BANK, L/H ROT (STAMPED 5117880)	5117851	-	-	1	-
CAMSHAFT, L. BANK, L/H ROT (STAMPED 5117879)	5117852	-	-	1	-
CAMSHAFT, R. BANK, R/H ROT (STAMPED 5117874)	5117849	-	-	1	-
CAMSHAFT, L. BANK, R/H ROT (STAMPED 5117873)	5117850	-	-	1	-
CAMSHAFT, R. BANK, L/H ROT (STAMPED 5117880)	5117851	-	-	1	-
CAMSHAFT, L. BANK, L/H ROT (STAMPED 5117879)	5117852	-	-	1	-
CAMSHAFT, R. BANK REAR, R/H ROT - L. BANK FRONT, L/H ROT (STAMPED 5126027)	5126018	-	-	-	1
CAMSHAFT, R. BANK FRONT, R/H ROT - L. BANK REAR, L/H ROT (STAMPED 5126029)	5126020	-	-	-	1
CAMSHAFT, L. BANK REAR, R/H ROT - R. BANK FRONT, L/H ROT (STAMPED 5126026)	5126017	-	-	-	1
CAMSHAFT, L. BANK FRONT, R/H ROT - R. BANK REAR, L/H ROT (STAMPED 5126028)	5126019	-	-	-	1

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CAMSHAFTS & RELATED PARTS (CONTINUED)	PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
BEARING, CAMSHAFT END, REAR STD.	5111422	2	2	2	4
BEARING, CAMSHAFT END, FRONT STD.	5117984	2	2	2	-
BEARING, CAMSHAFT INNER END, STD.	5103903	-	-	-	4
BUSHING, CAMSHAFT END BEARING	5111423	8	8	8	8
WASHER, CAMSHAFT BRG. THRUST	5111424	4	4	4	8
BEARING SET, CAMSHAFT INTERMEDIATE STD	5196026	4	6	10	12
BEARING SET, CAMSHAFT INTERMEDIATE .010" U.S. I.D.	5196027	4	6	10	12
BEARING SET, CAMSHAFT INTERMEDIATE .020" U.S. I.D.	5196028	4	6	10	12
RING, CAMSHAFT INTERMEDIATE BRG. LOCK	5115572	8	12	20	24
BEARING, IDLER GEAR	7451948	1	1	1	1

VALVE OPERATING MECHANISM	PART NO	6V71	8V71	12V71	16V71
ARM ASSY, EXHAUST ROCKER L/H	5148472	6	8	12	16
ARM ASSY, EXHAUST ROCKER R/H	5148475	6	8	12	16
ARM ASSY, INJECTOR ROCKER	8923554	6	8	12	16
SHAFT, ROCKER	23500714	6	8	12	16
BRACKET, ROCKER SHAFT	5103903	12	16	24	32
BOLT, ROCKER SHAFT BRACKET	5150325	12	16	24	32
PUSH ROD	5128640	18	24	36	48
NUT, PUSH ROD LOCK	5151601	18	24	36	48
SPRING, PUSH ROD	5186858	18	24	36	48
SEAT, PUSH ROD SPRING UPPER	5150302	18	24	36	48
SEAT, PUSH ROD SPRING LOWER	5123250	18	24	36	48
RETAINER, PUSH ROD SPRING	5150303	18	24	36	48
CAM FOLLOWER ASSY	8924439	18	24	36	48
ROLLER, CAM FOLLOWER	8923814	18	24	36	48
GUIDE, CAM FOLLOWER	5106413	6	8	12	16
BOLT, CAM FOLLOWER GUIDE	443603	12	16	24	32
LOCKWASHER, BOLT	103319	12	16	24	32
VALVE, EXHAUST N/A & TURBO	23500501	24	32	48	64
VALVE, EXHAUST (HIGH OUTPUT ENGINES)	5149386	24	32	48	64
GUIDE, EXHAUST VALVE	5129919	24	32	48	64
CAP, VALVE SPRNG	5117563	24	32	48	64
SEAT, VALVE SPRING	5117562	24	32	48	64
LOCK HALF, EXHAUST VALVE	5111337	48	64	96	128
SEAL, EXHAUST VALVE GUIDE	8921209	24	32	48	64
INSERT, EXHAUST VALVE SEAT	5101101	24	32	48	64
SPRING, EXHAUST VALVE	5147347	24	32	48	64
BRIDGE, EXHAUST VALVE	5117565	12	16	24	32
GUIDE, EXHAUST VALVE BRIDGE	5117564	12	16	24	32
TUBE KIT, INJECTOR HOLE	8925981	6	8	12	16
SEAL RING, INJECTOR HOLE TUBE	5104701	6	8	12	16

ROCKER COVERS	PART NO	6V71	8V71	12V71	16V71
GASKET, ROCKER COVER (STEEL)	5143405	2	-	-	-
GASKET, ROCKER COVER (ALUMINUM)	5104018	2	-	-	-
GASKET, ROCKER COVER (STEEL)	5143406	-	2	-	4
GASKET, ROCKER COVER (ALUMINUM)	5104081	-	2	-	4
GASKET, ROCKER COVER (STEEL)	5143407	-	-	2	-
GASKET, ROCKER COVER (ALUMINUM)	5104019	-	-	2	-

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DETROIT DIESEL V-71 SERIES

FUEL SYSTEM	PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
FUEL INJECTOR ASSY	See Page 290/291	6	8	12	16
FUEL PUMP KIT (STD. CAPACITY R/H ROTATION)	5199561	1	1	1	1
FUEL PUMP KIT (STD. CAPACITY L/H ROTATION)	5199560	1	1	1	1
FUEL PUMP KIT (HIGH CAPACITY. R/H ROTATION)	5199734	1	1	1	1
FUEL PUMP KIT (HIGH CAPACITY. L/H ROTATION)	5199735	1	1	1	1
OVERHAUL KIT, STD. CAPACITY FUEL PUMP	5195078	1	1	1	1
OVERHAUL KIT, HIGH CAPACITY FUEL PUMP	5149599	1	1	1	1
SEAL, FUEL PUMP OIL	23512243	2	2	2	2
FORK, FUEL PUMP COUPLING	5102257	1	1	1	1
FUEL PIPE ASSY (SHORT)	23511850	6	8	12	16
FUEL PIPE ASSY (LONG)	23511851	6	8	12	16
CONNECTOR, FUEL PPE	5117369	12	16	24	32
WASHER, FUEL PIPE CONNECTOR	5125108	12	16	24	32

BLOWER & BLOWER DRIVE	PART NO	6V71	8V71	12V71	16V71
GASKET KIT, BLOWER INSTALLATION (NON-TURBO)	5149646	1	-	-	-
GASKET KIT, BLOWER INSTALLATION (TURBO)	5149641	1	-	-	-
GASKET KIT, BLOWER INSTALLATION (NON-TURBO)	5149644	-	1	-	-
GASKET KIT, BLOWER INSTALLATION (TURBO)	5149643	-	1	-	-
GASKET KIT, BLOWER INSTALLATION (NON-TURBO & TURBO)	5149642	-	-	2	-
GASKET KIT, BLOWER INSTALLATION (NON-TURBO & TURBO)	5149645	-	-	-	2
REPAIR KIT, BLOWER (NON-TURBO) (SMALL BEARING)	23514203	1	1	2	2
REPAIR KIT, BLOWER (TURBO) (SMALL BEARING)	23514204	1	1	2	2
REPAIR KIT, BLOWER (TURBO) (LARGE BEARING)	23514202	1	1	2	2
SEAL, BLOWER END PLATE STD.	5138710	4	4	8	8
SEAL, BLOWER END PLATE O.S (NON-TURBO)	5192438	4	4	8	8
SLEEVE, BLOWER END PLATE O.S. SEAL (NON-TURBO)	5192439	4	4	8	8
SEAL KIT, BLOWER END PLATE (TURBO) (CONSISTS OF:-)	23500533	1	1	2	2
SEAL, BLOWER END PLATE O.S (TURBO)	8924453	4	4	8	8
SLEEVE, BLOWER END PLATE O.S. SEAL (TURBO)	5192439	4	4	8	8
COUPLING, BLOWER DRIVE	5103377	1	1	1	1
CAM, BLOWER COUPLING	5103365	1	1	1	1
SPRING PACK, BLOWER COUPLING	5196314	1	1	1	1
SHAFT & SPRING ASSY, BLOWER DRIVE (4.89"L, 29 SPLINE)	8922666	1	-	1	-
SHAFT, BLOWER DRIVE (.790" DIA 5"L) (NITRIDED)	5148253	-	-	1	-
SHAFT, BLOWER DRIVE (.625" DIA 5.22"L)	5162860	1	-	-	-
SHAFT, BLOWER DRIVE (.625" DIA 5.22"L) (MARINE)	5117724	1	1	-	-
SHAFT, BLOWER DRIVE (5.86"L) (NITRIDED)	5148255	-	-	1	-
SHAFT & SPRING ASSY, BLOWER DRIVE (6.67"L, 29 SPLINE)	8922634	1	-	1	-
SHAFT & SPRING ASSY, BLOWER DRIVE (6.67"L, 48 SPLINE)	8923053	-	1	-	-
SHAFT, BLOWER DRIVE (.625" DIA 7"L) (6 & 8VMARINE)	5117725	1	1	-	2
SHAFT, BLOWER DRIVE (.625" DIA 7"L)	5130295	-	1	-	-
RING, BLOWER DRIVE	5154637	-	-	-	-
HUB, BLOWER DRIVE (29 SPLINE) (WITHOUT LUGS)	8922518	1	1	1	1
HUB, BLOWER DRIVE (29 SPLINE) (WITH LUGS)	8922519	1	1	1	1
HUB, BLOWER DRIVE (48 SPLINE) (WITHOUT LUGS)	8922518	1	1	1	1
HUB, BLOWER DRIVE (48 SPLINE) (WITH LUGS)	5123081	1	1	1	1

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Programme

DETROIT DIESEL V-71 SERIES

OIL COOLERS	PART NO	QTY 6V71	QTY 8V71	QTY 12V71	QTY 16V71
CORE ASSY, OIL COOLER (8 PLATE)	8547551	1	1	1	-
CORE ASSY, OIL COOLER (13 PLATE)	8547236	1	1	1	-
CORE ASSY, OIL COOLER (13 PLATE)	8547581	1	-	1	-
CORE ASSY, OIL COOLER (16 PLATE)	8547547	1	1	-	-
CORE ASSY, OIL COOLER (18 PLATE)	8547195	-	1	-	-
CORE ASSY, OIL COOLER (16 PLATE) (TWIN PLATES)	8547553	1	1	-	-
CORE ASSY, OIL COOLER (24 PLATE) (TWIN PLATES)	8547237	1	1	1	2
CORE ASSY, OIL COOLER (32 PLATE) (TWIN PLATES)	8547552	-	-	2	2

OIL PAN GASKETS	PART NO	6V71	8V71	12V71	16V71
GASKET, OIL PAN	23503588	1	-	-	-
GASKET, OIL PAN	5117231	-	1	-	-
GASKET, OIL PAN	5109915	-	-	1	-
GASKET, OIL PAN	5126562	-	-	-	1

WATER PUMPS & RELATED PARTS	PART NO	6V71	8V71	12V71	16V71
PUMP ASSY, WATER STD.	23506790	1	1	-	-
PUMP ASSY, WATER (HI-CAPACITY)	23506602	1	1	-	-
PUMP ASSY, WATER (USE 5104299 NITRIDED FRONT CAMSHAFT GEAR)	23506670	-	1	-	-
KIT, WATER PUMP RECONDITIONING STD.	23506366	1	1	-	-
IMPELLER ASSY	23505999	1	1	-	-
SEAL ASSY (UNITIZED)	23506248	1	1	-	-
SEAL, OIL	5117983	1	1	-	-
BEARING, INNER	23503687	1	1	-	-
BEARING, OUTER	23503649	1	1	-	-
GASKET, WATER PUMP COVER	5117975	1	1	-	-
SEAL RING	5103544	1	1	-	-
RING, RETAINER	274746	1	1	-	-
WASHER, PLAIN	221436	1	1	-	-
KIT, WATER PUMP RECONDITIONING (HI-CAPACITY)	23506852	1	1	-	-
IMPELLER ASSY	23505995	1	1	-	-
SHAFT, WATER PUMP	23506053	1	1	-	-
SEAL ASSY (UNITIZED)	23506248	1	1	-	-
SEAL, OIL	5117983	1	1	-	-
BEARING, INNER	23503687	1	1	-	-
BEARING, OUTER	23503649	1	1	-	-
GASKET, WATER PUMP COVER	5117975	1	1	-	-
SEAL RING, PUMP BODY	5101160	1	1	-	-
SEAL RING	5103544	1	1	-	-
RING, RETAINER	274746	1	1	-	-
NUT, 7/16" - 20 LOCK	5117972	1	1	-	-
KIT, WATER PUMP RECONDITIONING	23506367	-	-	1	-
IMPELLER ASSY	23506000	-	-	1	-
SHAFT, WATER PUMP	23506053	-	-	1	-
SEAL ASSY (UNITIZED)	23506248	-	-	1	-
SEAL, OIL	5117983	-	-	1	-
BEARING, INNER	23503687	-	-	1	-
BEARING, OUTER	23503649	-	-	1	-
GASKET, WATER PUMP COVER	5117976	-	-	1	-
SEAL RING	5103544	-	-	1	-
RING, RETAINER	274746	-	-	1	-
NUT, 7/16" - 20 LOCK	5117972	-	-	1	-
WASHER, PLAIN	221436	-	-	1	-

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DETROIT DIESEL V-71 SERIES

CYLINDER KITS (TRUNK TYPE PISTON)

V-71, AUTOMOTIVE, COACH & INDUSTRIAL (1.05" PORT) (18.7:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON	PISTON PIN	RETAINER (QTY 2)	RING SET	LINER
CYLINDER KIT #2	23505305	5149234	5188406	5188405	23514970	23502021
CYLINDER KIT #3	23505306	5149234	5188406	5188405	23514970	23502022
CYLINDER KIT #4	5149261	5149234	5188406	5188405	23514970	23504936
CYLINDER KIT .010" O.S.	5149263	5149234	5188406	5188405	23514970	5193733
CYLINDER KIT .020" O.S.	5149264	5149234	5188406	5188405	23514970	5193734

V-71TURBO, AUTOMOTIVE, COACH & INDUSTRIAL (1.05" PORT) (17:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON	PISTON PIN	RETAINER (QTY 2)	RING SET	LINER
CYLINDER KIT #2	KM5307	5149236	5144495	5188405	23514971	23502021
CYLINDER KIT #3	23505307	5149236	5144495	5188405	23514971	23502022
CYLINDER KIT #4	KM5307-001	5149236	5144495	5188405	23514971	23504936
CYLINDER KIT .010" O.S.	KM5307-010	5149236	5144495	5188405	23514971	5193733
CYLINDER KIT .020" O.S.	KM5307-020	5149236	5144495	5188405	23514971	5193734

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DETROIT DIESEL V-71 SERIES

CYLINDER KITS (TRUNK TYPE PISTON)

V-71 NA, AUTOMOTIVE, COACH & INDUSTRIAL (1.05" PORT) (18.7:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522949	23522026	23522070	8922221	5144744	23522955	23502021
CYLINDER KIT #3	23522947	23522026	23522070	8922221	5144744	23522955	23502022
CYLINDER KIT #4	23522521	23522026	23522070	8922221	5144744	23522955	23504936
CYLINDER KIT .010" O.S.	23522951	23522026	23522070	8922221	5144744	23522955	5193733
CYLINDER KIT .020" O.S.	23522525	23522026	23522070	8922221	5144744	23522955	5193734

V-71 T/TA ALL MODELS (1.05" PORT) (17:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522485	23521992	23522070	8922221	5144744	23522954	23502021
CYLINDER KIT #3	23522953	23521992	23522070	8922221	5144744	23522954	23502022
CYLINDER KIT #4	23522489	23521992	23522070	8922221	5144744	23522954	23504936
CYLINDER KIT .010" O.S.	23522491	23521992	23522070	8922221	5144744	23522954	5193733
CYLINDER KIT .020" O.S.	23522493	23521992	23522070	8922221	5144744	23522954	5193734

V-71 TA/TAB INDUSTRIAL, MARINE (.95" PORT) (17:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522473	23521992	23522070	8922221	5144744	23522954	23502024
CYLINDER KIT #3	23522477	23521992	23522070	8922221	5144744	23522954	23502025
CYLINDER KIT #4	23522479	23521992	23522070	8922221	5144744	23522954	23504935
CYLINDER KIT .010" O.S.	23522481	23521992	23522070	8922221	5144744	23522954	5107449
CYLINDER KIT .020" O.S.	23522483	23521992	23522070	8922221	5144744	23522954	5107450

V-71 TA/TAB AUTOMOTIVE & CITY COACH (.95" PORT) (18.7:1 RATIO)

DESCRIPTION	CYLINDER KIT	PISTON DOME	PISTON SKIRT	PISTON SEAL	PISTON PIN	RING SET	LINER
CYLINDER KIT #2	23522507	23522026	23522070	8922221	5144744	23522955	23502024
CYLINDER KIT #3	23522509	23522026	23522070	8922221	5144744	23522955	23502025
CYLINDER KIT #4	23522511	23522026	23522070	8922221	5144744	23522955	23504935
CYLINDER KIT .010" O.S.	23522513	23522026	23522070	8922221	5144744	23522955	5107449
CYLINDER KIT .020" O.S.	23522515	23522026	23522070	8922221	5144744	23522955	5107450

CROSS-HEAD KITS USE:-
(NOT SHOWN IN ABOVE TABLE)

23501687
5180250

BEARING, PISTON PIN (SLIPPER TYPE)
RETAINER, (2) PER PISTON

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505305.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505305.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505305.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505305.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505305.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23505305.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505306.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505306.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505306.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505306.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505306.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23505306.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149261.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149261.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149261.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149261.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149261.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5149261.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149263.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149263.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149263.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149263.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149263.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5149263.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149264.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149264.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149264.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149264.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149264.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5149264.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5307.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505307.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505307.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505307.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505307.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505307.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23505307.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-001.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-001.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-001.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-001.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-001.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5307-001.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-010.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-010.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-010.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-010.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-010.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5307-010.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-020.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-020.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CONROD BUSHING	5157274	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-020.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-020.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-020.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP5307-020.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522949.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522949.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522949.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

ENGINE OVERHAUL KIT: KMP23522949.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522949.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522949.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522947.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522947.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522947.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522947.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522947.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522947.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522521.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522521.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522521.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522521.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522521.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522521.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522951.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522951.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522951.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	PG	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522951.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522951.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522951.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522525.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522525.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522525.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522525.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	6
MAIN BEARING STD	5149556	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522525.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522525.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	6
CONROD BEARING STD	5149556	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522485.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522485.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522485.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522485.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522485.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522485.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522953.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522953.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522953.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

ENGINE OVERHAUL KIT: KMP23522953.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522953.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522953.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522489.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522489.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522489.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522489.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522489.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522489.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522491.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522491.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522491.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

ENGINE OVERHAUL KIT: KMP23522491.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522491.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522491.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522493.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522493.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522493.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522493.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522493.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522493.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522473.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522473.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522473.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522473.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522473.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522473.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT DIESEL®
Engine Book
Engine Kit
Programme

DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522477.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522477.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	6
MAIN BEARING STD	5149565	44
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522477.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522477.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522477.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522477.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522479.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522479.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522479.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

ENGINE OVERHAUL KIT: KMP23522479.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522479.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522479.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522481.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522481.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522481.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522481.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522481.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522481.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522483.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522483.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522483.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522483.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522483.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522483.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522507.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522507.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522507.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522507.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522507.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522507.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522509.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522509.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522509.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522509.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522509.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522509.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522511.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5149572	6
CONROD BEARING STD	5117005	4
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522511.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522511.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5149572	6
CONROD BEARING STD	5117005	4
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522511.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5149572	6
CONROD BEARING STD	5117005	4
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522511.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522511.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522513.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5149572	6
CONROD BEARING STD	5117005	4
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522513.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5149572	6
CONROD BEARING STD	5117005	4
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522513.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

ENGINE OVERHAUL KIT: KMP23522513.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522513.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5149572	6
CONROD BEARING STD	5117005	4
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522513.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522515.EOK-6V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	23500501	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522515.EOK-6V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	4
VALVE KIT, EXHAUST	5149386	24
VALVE GUIDE	5117564	24
VALVE SPRING	5147347	24
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522515.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522515.OFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	6
MAIN BEARING STD	5149565	4
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	6
GASKET KIT O/HAUL	23512678	1
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522515.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

IN-FRAME KIT: KMP23522515.IFK-6V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	6
CONROD BEARING STD	5149565	6
UPPER GASKET KIT	5196380	2
ROCKER COVER GASKET	5143405	2
ROCKER COVER GASKET	5104018	2
OIL PAN GASKET	23503588	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505305.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505305.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505305.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505305.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505305.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23505305.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505306.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505306.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505306.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505306.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505306.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23505306.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149261.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149261.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149261.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149261.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149261.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5149261.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149263.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149263.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149263.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149263.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149263.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5149263.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149264.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149264.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149264.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149264.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149264.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5149264.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5307.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505307.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505307.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505307.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505307.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505307.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23505307.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-001.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-001.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-001.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-001.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-001.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5307-001.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-010.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-010.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-010.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-010.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-010.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5307-010.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-020.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-020.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CONROD BUSHING	5157274	16
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-020.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-020.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-020.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP5307-020.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522949.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522949.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522949.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522949.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522949.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522949.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522947.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522947.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522947.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522947.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522947.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522947.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522521.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522521.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522521.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522521.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522521.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522521.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522951.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522951.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522951.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522951.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522951.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522951.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522525.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522525.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522525.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522525.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522525.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	8
MAIN BEARING STD	5149556	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522525.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	8
CONROD BEARING STD	5149556	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT DIESEL®
Engine Book
Engine Kit
Programme

DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522485.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522485.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522485.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522485.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522485.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522485.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522953.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522953.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522953.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522953.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522953.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522953.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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ENGINE OVERHAUL KIT: KMP23522489.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522489.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522489.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522489.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522489.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522489.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522491.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522491.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522491.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522491.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522491.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522491.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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ENGINE OVERHAUL KIT: KMP23522493.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522493.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522493.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522493.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522493.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522493.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522473.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522473.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522473.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522473.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522473.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522473.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522477.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522477.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522477.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522477.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522477.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522477.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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ENGINE OVERHAUL KIT: KMP23522479.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522479.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522479.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522479.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522479.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522479.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522481.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522481.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522481.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522481.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522481.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522481.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522483.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522483.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522483.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522483.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522483.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522483.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522507.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522507.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522507.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522507.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522507.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522507.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522509.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522509.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522509.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

ENGINE OVERHAUL KIT: KMP23522509.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522509.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522509.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522511.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522511.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522511.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522511.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522511.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522511.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522513.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522513.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522513.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522513.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522513.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522513.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522515.EOK-8V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	23500501	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522515.EOK-8V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	6
VALVE KIT, EXHAUST	5149386	32
VALVE GUIDE	5117564	32
VALVE SPRING	5147347	32
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522515.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522515.OFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	8
MAIN BEARING STD	5149565	5
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	8
GASKET KIT O/HAUL	23512680	1
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522515.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

IN-FRAME KIT: KMP23522515.IFK-8V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	8
CONROD BEARING STD	5149565	8
UPPER GASKET KIT	5196381	2
ROCKER COVER GASKET	5143406	2
ROCKER COVER GASKET	5104081	2
OIL PAN GASKET	5117231	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505305.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505305.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505305.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505305.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505305.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23505305.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505305	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505306.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505306.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505306.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505306.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505306.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23505306.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	23505306	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149261.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149261.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149261.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149261.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149261.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5149261.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149261	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149263.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149263.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149263.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149263.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149263.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5149263.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149263	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5149264.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5149264.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149264.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5149264.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5149264.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5149264.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149234	5149264	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5307.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23505307.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23505307.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505307.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23505307.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23505307.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23505307.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	23505307	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-001.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-001.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-001.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-001.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-001.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5307-001.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-001	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-010.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-010.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-010.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-010.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-010.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5307-010.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-010	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP5307-020.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP5307-020.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CONROD BUSHING	5157274	24
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-020.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP5307-020.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP5307-020.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP5307-020.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 5149236	KM5307-020	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522949.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522949.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522949.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

ENGINE OVERHAUL KIT: KMP23522949.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522949.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522949.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522949	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522947.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522947.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522947.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522947.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522947.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522947.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522947	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522521.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522521.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522521.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522521.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522521.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522521.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522521	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT DIESEL
Engine Book
Engine Kit
Programme

DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522951.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522951.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522951.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522951.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522951.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522951.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522951	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522525.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522525.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522525.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522525.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	12
MAIN BEARING STD	5149556	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522525.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522525.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522525	12
CONROD BEARING STD	5149556	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522485.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522485.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522485.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522485.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522485.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522485.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522485	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522953.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522953.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522953.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522953.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522953.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522953.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522953	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522489.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522489.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522489.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522489.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522489.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522489.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522489	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522491.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522491.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522491.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522491.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522491.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522491.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522491	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522493.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522493.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522493.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522493.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522493.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522493.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522493	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522473.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522473.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522473.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

ENGINE OVERHAUL KIT: KMP23522473.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522473.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522473.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522473	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522477.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522477.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522477.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522477.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522477.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522477	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522479.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522479.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522479.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522479.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

ENGINE OVERHAUL KIT: KMP23522479.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522479.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522479.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522479	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522481.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522481.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522481.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522481.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522481.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522481.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522481	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522483.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522483.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522483.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

ENGINE OVERHAUL KIT: KMP23522483.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522483.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522483.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522495	23522483	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522507.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522507.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522507.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522507.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522507.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522507.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522507	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522509.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522509.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522509.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522509.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522509.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522509.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522509	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT DIESEL
Engine Book
Engine Kit
Programme

DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522511.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522511.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522511.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522511.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522511.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522511.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522511	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522513.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522513.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522513.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

ENGINE OVERHAUL KIT: KMP23522513.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522513.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5149572	4
CONROD BEARING STD	5117005	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522513.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522513	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT 71 SERIES ENGINE

ENGINE OVERHAUL KIT: KMP23522515.EOK-12V-A

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	23500501	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT: KMP23522515.EOK-12V-B

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5117984	2
CAMSHAFT BUSH	5196026	10
VALVE KIT, EXHAUST	5149386	48
VALVE GUIDE	5117564	48
VALVE SPRING	5147347	48
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522515.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

OUT-OF-FRAME KIT: KMP23522515.OFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	12
MAIN BEARING STD	5149565	7
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	12
GASKET KIT O/HAUL	23512681	1
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

IN-FRAME KIT: KMP23522515.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

IN-FRAME KIT: KMP23522515.IFK-12V

KIT CONTENTS	PART NO	QTY
CYLINDER KIT WITH PISTON 23522497	23522515	12
CONROD BEARING STD	5149565	12
UPPER GASKET KIT	5196382	2
ROCKER COVER GASKET	5143407	2
ROCKER COVER GASKET	5104019	2
OIL PAN GASKET	5109915	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-16VA	QTY	PART NO KMP23505306.EOK-16VA	QTY	PART NO KMP5149261.EOK-16VA	QTY
CYLINDER KIT	23505305	16	23505306	16	5149261	16
MAIN BEARING STD	5149556	10	5149556	10	5149556	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505305.EOK-16VB	QTY	PART NO KMP23505306.EOK-16VB	QTY	PART NO KMP5149261.EOK-16VB	QTY
CYLINDER KIT	23505305	16	23505306	16	5149261	16
MAIN BEARING STD	5149556	10	5149556	10	5149556	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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KM Products Europe Limited cannot be held responsible for its accuracy.



DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505305.OFK-16V	QTY	PART NO KMP23505306.OFK-16V	QTY	PART NO KMP5149261.OFK-16V	QTY
CYLINDER KIT	23505305	16	23505306	16	5149261	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505305.IFK-16V	QTY	PART NO KMP23505306.IFK-16V	QTY	PART NO KMP5149261.IFK-16V	QTY
CYLINDER KIT	23505305	16	23505306	16	5149261	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-16VA	QTY	PART NO KMP5149264.EOK-16VA	QTY	PART NO KMP5307.EOK-16VA	QTY
CYLINDER KIT	5149263	16	5149264	16	KM5307	16
MAIN BEARING STD	5149556	10	5149556	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/H-AUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5149263.EOK-16VB	QTY	PART NO KMP5149264.EOK-16VB	QTY	PART NO KMP5307.EOK-16VB	QTY
CYLINDER KIT	5149263	16	5149264	16	KM5307	16
MAIN BEARING STD	5149556	10	5149556	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/H-AUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5149263.OFK-16V	QTY	PART NO KMP5149264.OFK-16V	QTY	PART NO KMP5307.OFK-16V	QTY
CYLINDER KIT	5149263	16	5149264	16	KM5307	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5149263.IFK-16V	QTY	PART NO KMP5149264.IFK-16V	QTY	PART NO KMP5307.IFK-16V	QTY
CYLINDER KIT	5149263	16	5149264	16	KM5307	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-16VA	QTY	PART NO KMP5307-001.EOK-16VA	QTY	PART NO KMP5307-010.EOK-16V	QTY
CYLINDER KIT	23505307	16	KM5307-001	16	KM5307-010	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23505307.EOK-16VB	QTY	PART NO KMP5307-001.EOK-16VB	QTY	PART NO KMP5307-010.EOK-16VB	QTY
CYLINDER KIT	23505307	16	KM5307-001	16	KM5307-010	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23505307.OFK-16V	QTY	PART NO KMP5307-001.OFK-16V	QTY	PART NO KMP5307-010.OFK-16V	QTY
CYLINDER KIT	23505307	16	KM5307-001	16	KM5307-010	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CONROD BUSHING	5157274	32	5157274	32	5157274	32
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23505307.IFK-16V	QTY	PART NO KMP5307-001.IFK-16V	QTY	PART NO KMP5307-010.IFK-16V	QTY
CYLINDER KIT	23505307	16	KM5307-001	16	KM5307-010	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-16VA	QTY
CYLINDER KIT	KM5307-020	16
MAIN BEARING STD	5149565	10
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	16
CONROD BUSHING	5157274	32
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5196026	12
VALVE KIT, EXHAUST	23500501	64
VALVE GUIDE	5117564	64
VALVE SPRING	5147347	64
GASKET KIT O/HAUL	23512682	1
ROCKER COVER GASKET	5143406	4
ROCKER COVER GASKET	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP5307-020.EOK-16VB	QTY
CYLINDER KIT	KM5307-020	16
MAIN BEARING STD	5149565	10
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	16
CONROD BUSHING	5157274	32
CAMSHAFT BUSH	5111422	2
CAMSHAFT BUSH	5111423	8
CAMSHAFT BUSH	5196026	12
VALVE KIT, EXHAUST	5149386	64
VALVE GUIDE	5117564	64
VALVE SPRING	5147347	64
GASKET KIT O/HAUL	23512682	1
ROCKER COVER GASKET	5143406	4
ROCKER COVER GASKET	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.OFK-16V	QTY
CYLINDER KIT	KM5307-020	16
MAIN BEARING STD	5149565	10
THRUST BEARING STD	5117005	4
CONROD BEARING STD	5149572	16
CONROD BUSHING	5157274	32
GASKET KIT O/HAUL	23512682	1
ROCKER COVER GASKET	5143406	4
ROCKER COVER GASKET	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1
REAR CRANKSHAFT SEAL	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP5307-020.IFK-16V	QTY
CYLINDER KIT	KM5307-020	16
CONROD BEARING STD	5149572	16
UPPER GASKET KIT	5196381	4
ROCKER COVER GASKET	5143406	4
ROCKER COVER GASKET	5104081	4
OIL PAN GASKET	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-16VA	QTY	PART NO KMP23522947.EOK-16VA	QTY	PART NO KMP23522521.EOK-16VA	QTY
CYLINDER KIT	23522949	16	23522947	16	23522521	16
MAIN BEARING STD	5149556	10	5149556	10	5149556	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522949.EOK-16VB	QTY	PART NO KMP23522947.EOK-16VB	QTY	PART NO KMP23522521.EOK-16VB	QTY
CYLINDER KIT	23522949	16	23522947	16	23522521	16
MAIN BEARING STD	5149556	10	5149556	10	5149556	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522949.OFK-16V	QTY	PART NO KMP23522947.OFK-16V	QTY	PART NO KMP23522521.OFK-16V	QTY
CYLINDER KIT	23522949	16	23522947	16	23522521	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522949.IFK-16V	QTY	PART NO KMP23522947.IFK-16V	QTY	PART NO KMP23522521.IFK-16V	QTY
CYLINDER KIT	23522949	16	23522947	16	23522521	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-16VA	QTY	PART NO KMP23522525.EOK-16VA	QTY	PART NO KMP23522485.EOK-16VA	QTY
CYLINDER KIT	23522951	16	23522525	16	23522485	16
MAIN BEARING STD	5149556	10	5149556	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522951.EOK-16VB	QTY	PART NO KMP23522525.EOK-16VB	QTY	PART NO KMP23522485.EOK-16VB	QTY
CYLINDER KIT	23522951	16	23522525	16	23522485	16
MAIN BEARING STD	5149556	10	5149556	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522951.OFK-16V	QTY	PART NO KMP23522525.OFK-16V	QTY	PART NO KMP23522485.OFK-16V	QTY
CYLINDER KIT	23522951	16	23522525	16	23522485	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522951.IFK-16V	QTY	PART NO KMP23522525.IFK-16V	QTY	PART NO KMP23522485.IFK-16V	QTY
CYLINDER KIT	23522951	16	23522525	16	23522485	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-16VA	QTY	PART NO KMP23522489.EOK-16VA	QTY	PART NO KMP23522491.EOK-16VA	QTY
CYLINDER KIT	23522953	16	23522489	16	23522491	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522953.EOK-16VB	QTY	PART NO KMP23522489.EOK-16VB	QTY	PART NO KMP23522491.EOK-16VB	QTY
CYLINDER KIT	23522953	16	23522489	16	23522491	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522953.OFK-16V	QTY	PART NO KMP23522489.OFK-16V	QTY	PART NO KMP23522491.OFK-16V	QTY
CYLINDER KIT	23522953	16	23522489	16	23522491	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522953.IFK-16V	QTY	PART NO KMP23522489.IFK-16V	QTY	PART NO KMP23522491.IFK-16V	QTY
CYLINDER KIT	23522953	16	23522489	16	23522491	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-16VA	QTY	PART NO KMP23522473.EOK-16VA	QTY	PART NO KMP23522477.EOK-16VA	QTY
CYLINDER KIT	23522493	16	23522473	16	23522477	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522493.EOK-16VB	QTY	PART NO KMP23522473.EOK-16VB	QTY	PART NO KMP23522477.EOK-16VB	QTY
CYLINDER KIT	23522493	16	23522473	16	23522477	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522493.OFK-16V	QTY	PART NO KMP23522473.OFK-16V	QTY	PART NO KMP23522477.OFK-16V	QTY
CYLINDER KIT	23522493	16	23522473	16	23522477	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522493.IFK-16V	QTY	PART NO KMP23522473.IFK-16V	QTY	PART NO KMP23522477.IFK-16V	QTY
CYLINDER KIT	23522493	16	23522473	16	23522477	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-16VA	QTY	PART NO KMP23522481.EOK-16VA	QTY	PART NO KMP23522483.EOK-16VA	QTY
CYLINDER KIT	23522479	16	23522481	16	23522483	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522479.EOK-16VB	QTY	PART NO KMP23522481.EOK-16VB	QTY	PART NO KMP23522483.EOK-16VB	QTY
CYLINDER KIT	23522479	16	23522481	16	23522483	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522479.OFK-16V	QTY	PART NO KMP23522481.OFK-16V	QTY	PART NO KMP23522483.OFK-16V	QTY
CYLINDER KIT	23522479	16	23522481	16	23522483	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522479.IFK-16V	QTY	PART NO KMP23522481.IFK-16V	QTY	PART NO KMP23522483.IFK-16V	QTY
CYLINDER KIT	23522479	16	23522481	16	23522483	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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The **KMP BRAND**
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DETROIT DIESEL
Engine Book
in ONE Engine Kit
Programme

DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-16VA	QTY	PART NO KMP23522509.EOK-16VA	QTY	PART NO KMP23522511.EOK-16VA	QTY
CYLINDER KIT	23522507	16	23522509	16	23522511	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522507.EOK-16VB	QTY	PART NO KMP23522509.EOK-16VB	QTY	PART NO KMP23522511.EOK-16VB	QTY
CYLINDER KIT	23522507	16	23522509	16	23522511	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522507.OFK-16V	QTY	PART NO KMP23522509.OFK-16V	QTY	PART NO KMP23522511.OFK-16V	QTY
CYLINDER KIT	23522507	16	23522509	16	23522511	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522507.IFK-16V	QTY	PART NO KMP23522509.IFK-16V	QTY	PART NO KMP23522511.IFK-16V	QTY
CYLINDER KIT	23522507	16	23522509	16	23522511	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V-71 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-16VA	QTY	PART NO KMP23522515.EOK-16VA	QTY
CYLINDER KIT	23522513	16	23522515	16
MAIN BEARING STD	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12
VALVE KIT, EXHAUST	23500501	64	23500501	64
VALVE GUIDE	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23522513.EOK-16VB	QTY	PART NO KMP23522515.EOK-16VB	QTY
CYLINDER KIT	23522513	16	23522515	16
MAIN BEARING STD	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149386	64	5149386	64
VALVE GUIDE	5117564	64	5117564	64
VALVE SPRING	5147347	64	5147347	64
GASKET KIT O/HAUL	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

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DETROIT DIESEL 71 SERIES

DETROIT 16V- 71 SERIES

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23522513.OFK-16V	QTY	PART NO KMP23522515.OFK-16V	QTY
CYLINDER KIT	23522513	16	23522515	16
MAIN BEARING STD	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16
GASKET KIT O/HAUL	23512682	1	23512682	1
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5114335	1	5114335	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23522513.IFK-16V	QTY	PART NO KMP23522515.IFK-16V	QTY
CYLINDER KIT	23522513	16	23522515	16
CONROD BEARING STD	5149572	16	5149572	16
UPPER GASKET KIT	5196381	4	5196381	4
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1

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DETROIT DIESEL 92 SERIES

CYLINDER BLOCK	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Gasket Kit, Engine Overhaul (Coach)	23512683	1			
Gasket Kit, Engine Overhaul	23512684	1			
Gasket Kit, Engine Overhaul	23512685	-	1	-	-
Gasket Kit, Engine Overhaul	23512686	-	-	1	-
Gasket Kit, Engine Overhaul	23512687	-	-	-	1

(Engine Overhaul Gasket Kits do not include Crankshaft Seals or Rocker Cover Gaskets)

CYLINDER HEADS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Cylinder Head (Bare) (4 Valve)	5149877	2	-	4	-
Cylinder Head (Bare) (4 Valve)	5149878	-	2	-	4
Cylinder Head (with Valves & Springs)	5149877V	2	-	2	-
Cylinder Head (with Valves & Springs)	5149878V	-	2	-	4
Gasket Kit, Cylinder Head Overhaul	5199673	2	-	4	-
Gasket Kit, Cylinder Head Overhaul	5199674	-	2	-	4

CRANKSHAFT & RELATED PARTS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Crankshaft 6V92 (R/H Rot)	8926921	1	-	-	-
Crankshaft 6V92 (L/H Rot)	8926922	1	-	-	-
Crankshaft 8V92 (R/H Rot)	8926923	-	1	-	-
Crankshaft 8V92 (L/H Rot)	8926924	-	1	-	-
Crankshaft 12V92 (R/H Rot)	8927718	-	-	1	-
Crankshaft 12V92 (L/H Rot)	23503665	-	-	1	-
Crankshaft 16V92 (R/H Front)	8927720	-	-	-	1
Crankshaft 16V92 (R/H Rear)	8927721	-	-	-	1
Crankshaft 16V92 (L/H Front)	8927722	-	-	-	1
Crankshaft 16V92 (L/H Rear)	8927723	-	-	-	1
Seal, Crankshaft Oil Front Std (.500" wide)	5115454	1	1	1	-
Seal, Crankshaft Oil Front (Serrated) (Oil Pump Mounted)	23514608	1	1	-	-
Seal, Crankshaft Oil Front (-25F operating conditions) L/H Rot.	8922045	1	1	-	-
Seal, Crankshaft Oil Front (-25F operating conditions) R/H Rot.	8922046	1	1	-	-
Seal, Crankshaft Oil Front (Dbl Lip) Std R/H Rot. (.58" wide)	8927746	-	-	1	1
Seal, Crankshaft Oil Front (Dbl Lip) Std L/H Rot. (.58" wide)	8927747	-	-	1	1
Seal, Crankshaft Oil Front O.S. Dbl Lip L/H Rot. (.58" wide)	8927748	-	-	1	1
Seal, Crankshaft Oil Front O.S. Dbl Lip R/H Rot. (.58" wide)	8927749	-	-	1	1
Sleeve, Front O.S. Oil Seal (1.24" L)	23507225	-	-	1	1
Seal, Crankshaft Oil Rear Std (Teflon)	8929750	1	1	1	1
Seal, Crankshaft Oil Rear (Sgl Lip) Std L/H Rot. (.500" wide)	23501610	1	1	1	1
Seal, Crankshaft Oil Rear (Dbl Lip) Std R/H Rot. (.58" wide)	8927746	1	1	1	1
Seal, Crankshaft Oil Rear (Dbl Lip) Std L/H Rot. (.58" wide)	8927747	1	1	1	1
Seal, Crankshaft Oil Rear (Dbl Lip) Std (.812" wide)	5106329	1	1	1	1
Seal, Crankshaft Oil Rear O.S. (Dbl Lip) R/H Rot. (.500" wide)	23501544	1	1	1	1
Seal, Crankshaft Oil Rear O.S. (Dbl Lip) L/H Rot. (.500" wide)	23501545	1	1	1	1
Seal, Crankshaft Oil Rear O.S. (Dbl Lip) R/H (.58" wide)	8927748	1	1	1	1
Seal, Crankshaft Oil Rear O.S. (Dbl Lip) L/H (.58" wide)	8927749	1	1	1	1
Seal, Crankshaft Oil Rear O.S. (Dbl Lip) (1.033" wide)	5198159	1	1	1	1
Sleeve, Rear O.S. Oil Seal (1.24" L)	23507225	1	1	1	-
Sleeve, Rear O.S. Oil Seal (1.38" L)	23507226	-	-	-	1

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DETROIT DIESEL 92 SERIES

MAIN BEARINGS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Shell Set, Main Brg. Std.	5149565	4	5	7	10
Shell Set, Main Brg. .002"	5149566	4	5	7	10
Shell Set, Main Brg. .010"	5149567	4	5	7	10
Shell Set, Main Brg. .020"	5149568	4	5	7	10
Shell Set, Main Brg. .030"	8922118	4	5	7	10
Washer, Main Brg. Thrust Std	5117005	4	4	4	4
Washer, Main Brg. Thrust .005"	5196753	4	4	4	4
Washer, Main Brg. Thrust .010"	5196754	4	4	4	4
Pin, Dowel	141346	4	4	4	4

VIBRATION DAMPERS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Damper, Vibration (Heavy Viscous) (12.3" Dia)	8922492	-	1	1	1
Damper, Vibration (Heavy Viscous) (12.3" Dia)	8924435	-	1	1	1
Damper, Vibration (Heavy Viscous) (15" Dia)	5106222	-	-	-	1
Cone, Damper Front (.531"L.)	5134917	-	1	1	1
Cone, Damper Front (.937"L.)	5102957	-	1	1	1
Cone, Damper Front (1.701"L.)	5104475	-	1	1	1
Cone, Damper Rear (.531"L.)	23507299	-	-	1	-
Cone, Damper Rear (1.40"L.)	23506876	-	1	1	1
Cone, Damper Front (1.701"L.)	5124552	-	1	1	1
Cone, Damper Front (1.701"L.) (with Groove)	5104475	-	1	1	1
Cone, Damper Rear (2.22"L.)	23507297	-	-	1	-

CONNECTING RODS AND PISTONS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Connecting Rod Assy (Cross-Head)	5104501	6	8	12	16
Bolt, Connecting Rod	5132383	12	16	24	32
Nut, Connecting Rod	5117629	12	16	24	32
Bolt, Piston Pin	5148373	12	16	24	32
Spacer, Piston Pin Bolt	5144846	12	16	24	32
Shell Set, Connecting Rod Std.	5149572	6	8	12	16
Shell Set, Connecting Rod .002"	5149573	6	8	12	16
Shell Set, Connecting Rod .010"	5149575	6	8	12	16
Shell Set, Connecting Rod .020"	5149577	6	8	12	16
Shell Set, Connecting Rod .030"	5149579	6	8	12	16

PISTON RING SETS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Ring Set (Wide Gap, Fire Ring)	23524349	6	8	12	16
Ring Set (Keystone, non-grooved, barrel faced, Fire Ring)	23524542	6	8	12	16

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DETROIT DIESEL 92 SERIES

PISTON DOME SETS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Piston Kit, (15.0:1 Ratio)	23505052	6	8	12	16
Dome, Piston	23504353	6	8	12	16
Ring, Cross-Head Piston Seal	8923729	6	8	12	16
Piston Pin	5101120	6	8	12	16
Bearing, Piston Pin (Slipper Type)	23501687	6	8	12	16
Retainer, Piston Pin	5180250	12	16	24	32

PISTON DOME KITS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Piston Kit, (17.0:1 Ratio)	5149963	6	8	12	16
Dome, Piston	5144872	6	8	12	16
Ring, Cross-Head Piston Seal	8923729	6	8	12	16
Piston Pin	5101120	6	8	12	16
Bearing, Piston Pin (Slipper Type)	23501687	6	8	12	16
Retainer, Piston Pin	5180250	12	16	24	32
Piston Kit, (18.0:1 Ratio)	23500883	6	8	12	16
Dome, Piston	8926480	6	8	12	16
Ring, Cross-Head Piston Seal	8923729	6	8	12	16
Piston Pin	5101120	6	8	12	16
Bearing, Piston Pin (Slipper Type)	23501687	6	8	12	16
Retainer, Piston Pin	5180250	12	16	24	32

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DETROIT DIESEL 92 SERIES

CYLINDER LINERS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Cylinder Liner (.75" Port Height, 20 Degree)	8927078	6	8	12	16
Cylinder Liner (.85" Port Height, 20 Degree)	23508383	6	8	12	16
Cylinder Liner (.95" Port Height, 25 Degree)	5107176	6	8	12	16
Cylinder Liner (.95" Port Height, 25 Degree) (Brushed)	23507231	6	8	12	16
Cylinder Liner (1.05" Port Height, 30 Degree)	5148505	6	8	12	16
Seal Ring, Cylinder Liner	8927189	12	16	24	32
Insert, Cylinder Liner (.1200" - .1205" Thick)	5148501	A/R	A/R	A/R	A/R
Insert, Cylinder Liner (.1188" - .1193" Thick)	5148612	A/R	A/R	A/R	A/R
Insert, Cylinder Liner (.1212" - .1217" Thick)	5148611	A/R	A/R	A/R	A/R
Cylinder Kits	See Page 291	6	8	12	16
CAMSHAFTS & RELATED PARTS					
Bearing, Camshaft End, Rear Std.	5111422	2	2	2	4
Bearing, Camshaft End, Front Std.	5117984	2	2	2	-
Bearing, Camshaft Inner End, Std.	5103903	-	-	-	4
Bushing, Camshaft End Bearing	5111423	8	8	8	8
Washer, Camshaft Brg. Thrust	5111424	4	4	4	8
Bearing Set, Camshaft Intermediate Std	5196026	4	6	10	12
Bearing Set, Camshaft Intermediate .010" U.S. I.D.	5196027	4	6	10	12
Bearing Set, Camshaft Intermediate .020" U.S. I.D.	5196028	4	6	10	12
Ring, Camshaft Intermediate Brg. Lock	5115572	8	12	20	24
Bearing, Idler Gear	7451948	1	1	1	1

VALVE OPERATING MECHANISM	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Arm Assy, Exhaust Rocker L/H	5148472	6	8	12	16
Arm Assy, Exhaust Rocker R/H	5148475	6	8	12	16
Arm Assy, Injector Rocker	8923554	6	8	12	16
Shaft, Rocker	23500714	6	8	12	16
Bracket, Rocker Shaft	5103903	12	16	24	32
Bolt, Rocker Shaft Bracket	5150325	12	16	24	32
Push Rod	5128640	18	24	36	48
Nut, Push Rod Lock	5151601	18	24	36	48
Spring, Push Rod	5108918	18	24	36	48

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DETROIT DIESEL 92 SERIES

VALVE OPERATING MECHANISM (Continued)	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Seat, Push Rod Spring Upper	5108919	18	24	36	48
Seat, Push Rod Spring Lower	5123250	18	24	36	48
Retainer, Push Rod Spring	5150303	18	24	36	48
Cam Follower Assy	8924439	18	24	36	48
Roller, Cam Follower	8923814	18	24	36	48
Guide, Cam Follower	5106413	6	8	12	16
Bolt, Cam Follower Guide	443603	12	16	24	32
Lockwasher, Bolt	103319	12	16	24	32
Valve, Exhaust N/A & Turbo	5149771	24	32	48	64
Guide, Exhaust Valve	5129919	24	32	48	64
Cap, Valve Sprng	5117563	24	32	48	64
Seat, Valve Spring	5117562	24	32	48	64
Lock Half, Exhaust Valve	5111337	48	64	96	128
Seal, Exhaust Valve Guide	8921209	24	32	48	64
Insert, Exhaust Valve Seat	5148490	24	32	48	64
Spring, Exhaust Valve	5147347	24	32	48	64
Bridge, Exhaust Valve	5148491	12	16	24	32
Guide, Exhaust Valve Bridge	5117564	12	16	24	32
Tube Kit, Injector Hole	8925981	6	8	12	16
Seal Ring, Injector Hole Tube	5104701	6	8	12	16

ROCKER COVERS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Gasket, Rocker Cover (Steel)	5143405	2	-	-	-
Gasket, Rocker Cover (Aluminum)	5104018	2	-	-	-
Gasket, Rocker Cover (Steel)	5143406	-	2	-	4
Gasket, Rocker Cover (Aluminum)	5104081	-	2	-	4
Gasket, Rocker Cover (Steel)	5143407	-	-	2	-
Gasket, Rocker Cover (Aluminum)	5104019	-	-	2	-

FUEL SYSTEM	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Fuel Injector Assy	See Page 290/291	6	8	12	16
Fuel Pump Kit (Std. Capacity L/H Rotation)	5199560	1	1	1	1
Fuel Pump Kit (High Capacity. L/H Rotation)	5199735	1	1	1	1
Overhaul Kit, Std. Capacity Fuel Pump	5195078	1	1	1	1
Overhaul Kit, High Capacity Fuel Pump	5149599	1	1	1	1
Seal, Fuel Pump Oil	23512243	2	2	2	2
Fork, Fuel Pump Coupling	5102257	1	1	1	1
Fuel Pipe Assy (Short)	23511850	6	8	12	16
Fuel Pipe Assy (Long)	23511851	6	8	12	16
Connector, Fuel Ppe	5117369	12	16	24	32
Washer, Fuel Pipe Connector	5125108	12	16	24	32

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DETROIT DIESEL 92 SERIES

BLOWER AND BLOWER DRIVE	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Gasket Kit, Blower Installation (Non-Turbo)	5149646	1	-	-	-
Gasket Kit, Blower Installation (Turbo)	5149641	1	-	-	-
Gasket Kit, Blower Installation (Non-Turbo)	5149644	-	1	-	-
Gasket Kit, Blower Installation (Turbo)	5149643	-	1	-	-
Gasket Kit, Blower Installation (Non-Turbo & Turbo)	5149642	-	-	2	-
Gasket Kit, Blower Installation (Non-Turbo & Turbo)	5149645	-	-	-	2
Repair Kit, Blower (Turbo) (Large Bearing)	23514202	1	1	2	2
Seal Kit, Blower End Plate (Turbo) (consists of:-)	23500533	1	1	2	2
Seal, Blower End Plate O.S (Turbo)	8924453	4	4	8	8
Sleeve, Blower End Plate O.S.Seal (Turbo)	5192439	4	4	8	8
Coupling, Blower Drive	5103377	1	1	1	1
Cam, Blower Coupling	5103365	1	1	1	1
Spring Pack, Blower Coupling	5196314	1	1	1	1
Coupling, Blower Drive	23503682	1	1	1	1
Cam, Blower Coupling	23503681	1	1	1	1
Spring Pack, Blower Coupling	5196314	1	1	1	1
Shaft & Spring Assy, Blower Drive (4.89"L, 29 Spline)	8922666	1	1	2	2
Shaft & Spring Assy, Blower Drive (4.89"L, 48 Spline)	8923052	1	-	2	-
Shaft & Spring Assy, Blower Drive (6.67"L, 29 Spline)	8922634	1	1	2	2
Shaft & Spring Assy, Blower Drive (6.67"L, 48 Spline)	8923053	-	1	-	2
Ring, Blower Drive	5154637	-	-	-	-
Hub, Blower Drive (29 Spline) (without Lugs)	8922518	1	1	1	1
Hub, Blower Drive (29 Spline) (with Lugs)	8922519	1	1	1	1
Hub, Blower Drive (48 Spline) (without Lugs)	8922518	1	1	1	1
Hub, Blower Drive (48 Spline) (with Lugs)	5123081	1	1	1	1

OIL COOLERS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Core Assy, Oil Cooler (8 Plate)	8547551	1	1	1	-
Core Assy, Oil Cooler (12 Plate)	8547544	1	1	1	-
Core Assy, Oil Cooler (13 Plate)	8547236	1	1	1	-
Core Assy, Oil Cooler (16 Plate)	8547547	1	1	-	-
Core Assy, Oil Cooler (18 Plate)	8547195	1	1	-	-
Core Assy, Oil Cooler (24 Plate) (Twin Plates)	8547237	2	2	2	2
Core Assy, Oil Cooler (32 Plate) (Twin Plates)	8547552	1	2	2	2

OIL PAN GASKETS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Gasket, Oil Pan	23503588	1	-	-	-
Gasket, Oil Pan	5117231	-	1	-	-
Gasket, Oil Pan	5109915	-	-	1	-
Gasket, Oil Pan	5126562	-	-	-	1

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DETROIT DIESEL 92 SERIES

WATER PUMP AND RELATED PARTS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Pump Assy, Water Std.	23506790	1	1	-	-
Pump Assy, Water (Hi-Capacity)	23506602	1	1	-	-
Pump Assy, Water (Hi-Capacity)(Offset Inlet)	23506623	1	1	-	-
Kit, Water Pump Reconditioning Std.	23506366	1	1	-	-
Impeller Assy	23505999	1	1	-	-
Seal Assy (Unitized)	23506248	1	1	-	-
Seal, Oil	5117983	1	1	-	-
Bearing, Inner	23503687	1	1	-	-
Bearing, Outer	23503649	1	1	-	-
Gasket, Water Pump Cover	5117975	1	1	-	-
Seal Ring	5103544	1	1	-	-
Ring, Retainer	274746	1	1	-	-
Washer, Plain	221436	1	1	-	-
Kit, Water Pump Reconditioning (Hi-Capacity)	23506852	1	1	-	-
Impeller Assy	23505995	1	1	-	-
Shaft, Water Pump	23506053	1	1	-	-
Seal Assy (Unitized)	23506248	1	1	-	-
Seal, Oil	5117983	1	1	-	-
Bearing, Inner	23503687	1	1	-	-
Bearing, Outer	23503649	1	1	-	-
Gasket, Water Pump Cover	5117975	1	1	-	-
Seal Ring, Pump Body	5101160	1	1	-	-
Seal Ring	5103544	1	1	-	-
Ring, Retainer	274746	1	1	-	-
Nut, 7/16" - 20 Lock	5117972	1	1	-	-
Kit, Water Pump Reconditioning	23506367	-	-	1	-
Impeller Assy	23506000	-	-	1	-
Shaft, Water Pump	23506053	-	-	1	-
Seal Assy (Unitized)	23506248	-	-	1	-
Seal, Oil	5117983	-	-	1	-
Bearing, Inner	23503687	-	-	1	-
Bearing, Outer	23503649	-	-	1	-
Gasket, Water Pump Cover	5117976	-	-	1	-
Seal Ring	5103544	-	-	1	-
Ring, Retainer	274746	-	-	1	-
Nut, 7/16" - 20 Lock	5117972	-	-	1	-
Washer, Plain	221436	-	-	1	-
Kit, Water Pump Reconditioning	23506871	-	-	1	1
Impeller Assy	23506002	-	-	1	1
Shaft, Water Pump	23506053	-	-	1	1
Seal Assy (Unitized)	23506248	-	-	1	1
Seal, Oil	5117983	-	-	1	1
Bearing, Inner	23503687	-	-	1	1
Bearing, Outer	23503649	-	-	1	1
Gasket, Water Pump Cover	23505239	-	-	1	1
Gasket, Water Pump	5109515	-	-	1	1
Ring, Retainer	274746	-	-	1	1
Nut, 7/16" - 20 Lock	5117972	-	-	1	1

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DETROIT DIESEL 92 SERIES

THERMOSTATS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Thermostat (160 Deg.)	5102112	2	2	-	-
Thermostat (170 Deg.)	23503826	2	2	4	4
Thermostat (180 Deg.)	5106232	2	2	-	-
Thermostat (180 Deg.)	5104096	2	2	-	-
Thermostat (180 Deg.)	23503825	2	2	4	4

RAW WATER PUMP KITS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Pump Assy, Raw Water	5122599	-	1	1	1
Pump Assy, Raw Water (Less Adaptor Flange)	23507972	-	1	1	1
Repair Kit, Raw Water Pump	5197222	-	1	1	1
Kit, Impeller & Seal, Raw Water Pump	5196846	-	1	1	1

EXHAUST MANIFOLD GASKETS	PART No	QTY 6V92	QTY 8V92	QTY 12V92	QTY 16V92
Gasket, Exhaust Manifold	5150194	2	-	-	-
Gasket, Exhaust Manifold (End)	5150195	-	4	-	-
Gasket, Exhaust Manifold (Intermediate)	5150196	-	4	6	8
Gasket, Exhaust Manifold (Metal Clad) (End)	5120224	-	4	4	8
Gasket, Exhaust Manifold (Metal Clad) (Intermediate)	5120223	-	-	2	4

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DETROIT DIESEL 92 SERIES

DETROIT 6V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524337.EOK-6V	QTY	PART NO KMP23523101.EOK-6V	QTY	PART NO KMP23524343.EOK-6V	QTY
CYLINDER KIT	23524337	6	23523101	6	23524343	6
MAIN BEARING STD	5149565	4	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	4	5196026	4	5196026	4
VALVE KIT, EXHAUST	5149771	24	5149771	24	5149771	24
VALVE GUIDE	5129919	24	5129919	24	5129919	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512684	1	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524337.OFK-6V	QTY	PART NO KMP23523101.OFK-6V	QTY	PART NO KMP23524343.OFK-6V	QTY
CYLINDER KIT	23524337	6	23523101	6	23524343	6
MAIN BEARING STD	5149565	4	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
GASKET KIT O/HAUL	23512684	1	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524337.IFK-6V	QTY	PART NO KMP23523101.IFK-6V	QTY	PART NO KMP23524343.IFK-6V	QTY
CYLINDER KIT	23524337	6	23523101	6	23524343	6
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
UPPER GASKET KIT	5199673	2	5199673	2	5199673	2
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
OIL PAN GASKET	23503588	1	23503588	1	23503588	1

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DETROIT DIESEL 92 SERIES

DETROIT 6V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524340.EOK-6V	QTY	PART NO KMP23524342.EOK-6V	QTY	PART NO KMP23524341.EOK-6V	QTY
CYLINDER KIT	23524340	6	23524342	6	23524341	6
MAIN BEARING STD	5149565	4	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	4	5196026	4	5196026	4
VALVE KIT, EXHAUST	5149771	24	5149771	24	5149771	24
VALVE GUIDE	5129919	24	5129919	24	5129919	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512684	1	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524340.OFK-6V	QTY	PART NO KMP23524342.OFK-6V	QTY	PART NO KMP23524341.OFK-6V	QTY
CYLINDER KIT	23524340	6	23524342	6	23524341	6
MAIN BEARING STD	5149565	4	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
GASKET KIT O/HAUL	23512684	1	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524340.IFK-6V	QTY	PART NO KMP23524342.IFK-6V	QTY	PART NO KMP23524341.IFK-6V	QTY
CYLINDER KIT	23524340	6	23524342	6	23524341	6
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
UPPER GASKET KIT	5199673	2	5199673	2	5199673	2
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
OIL PAN GASKET	23503588	1	23503588	1	23503588	1

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DETROIT DIESEL 92 SERIES

DETROIT 6V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524339.EOK-6V	QTY	PART NO KMP23523100.EOK-6V	QTY	PART NO KMP24344-010.EOK-6V	QTY
CYLINDER KIT	23524339	6	23523100	6	23524344	6
MAIN BEARING STD	5149565	4	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	4	5196026	4	5196026	4
VALVE KIT, EXHAUST	5149771	24	5149771	24	5149771	24
VALVE GUIDE	5129919	24	5129919	24	5129919	24
VALVE SPRING	5147347	24	5147347	24	5147347	24
GASKET KIT O/HAUL	23512684	1	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524339.OFK-6V	QTY	PART NO KMP23523100.OFK-6V	QTY	PART NO KMP24344-010.OFK-6V	QTY
CYLINDER KIT	23524339	6	23523100	6	23524344	6
MAIN BEARING STD	5149565	4	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
GASKET KIT O/HAUL	23512684	1	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524339.IFK-6V	QTY	PART NO KMP23523100.IFK-6V	QTY	PART NO KMP24344-010.IFK-6V	QTY
CYLINDER KIT	23524339	6	23523100	6	23524344	6
CONROD BEARING STD	5149572	6	5149572	6	5149572	6
UPPER GASKET KIT	5199673	2	5199673	2	5199673	2
ROCKER COVER GASKET	5143405	2	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2	5104018	2
OIL PAN GASKET	23503588	1	23503588	1	23503588	1

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DETROIT DIESEL 92 SERIES

DETROIT 6V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP24346-020.EOK-6V	QTY	PART NO KMP23524345.EOK-6V	QTY
CYLINDER KIT	23524346	6	23524345	6
MAIN BEARING STD	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6
CAMSHAFT BUSH	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	4	5196026	4
VALVE KIT, EXHAUST	5149771	24	5149771	24
VALVE GUIDE	5129919	24	5129919	24
VALVE SPRING	5147347	24	5147347	24
GASKET KIT O/HAUL	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.OFK-6V	QTY	PART NO KMP23524345.OFK-6V	QTY
CYLINDER KIT	23524346	6	23524345	6
MAIN BEARING STD	5149565	4	5149565	4
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	6	5149572	6
GASKET KIT O/HAUL	23512684	1	23512684	1
ROCKER COVER GASKET	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.IFK-6V	QTY	PART NO KMP23524345.IFK-6V	QTY
CYLINDER KIT	23524346	6	23524345	6
CONROD BEARING STD	5149572	6	5149572	6
UPPER GASKET KIT	5199673	2	5199673	2
ROCKER COVER GASKET	5143405	2	5143405	2
ROCKER COVER GASKET	5104018	2	5104018	2
OIL PAN GASKET	23503588	1	23503588	1

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DETROIT DIESEL 92 SERIES

DETROIT 8V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524337.EOK-8V	QTY	PART NO KMP23523101.EOK-8V	QTY	PART NO KMP23524343.EOK-8V	QTY
CYLINDER KIT	23524337	8	23523101	8	23524343	8
MAIN BEARING STD	5149565	5	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	6	5196026	6	5196026	6
VALVE KIT, EXHAUST	5149771	32	5149771	32	5149771	32
VALVE GUIDE	5129919	32	5129919	32	5129919	32
VALVE SPRING	5147347	32	5147347	32	5147347	32
GASKET KIT O/HAUL	23512685	1	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524337.OFK-8V	QTY	PART NO KMP23523101.OFK-8V	QTY	PART NO KMP23524343.OFK-8V	QTY
CYLINDER KIT	23524337	8	23523101	8	23524343	8
MAIN BEARING STD	5149565	5	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
GASKET KIT O/HAUL	23512685	1	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524337.IFK-8V	QTY	PART NO KMP23523101.IFK-8V	QTY	PART NO KMP23524343.IFK-8V	QTY
CYLINDER KIT	23524337	8	23523101	8	23524343	8
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
UPPER GASKET KIT	5199674	2	5199674	2	5199674	2
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
OIL PAN GASKET	5117231	1	5117231	1	5117231	1

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DETROIT DIESEL 92 SERIES

DETROIT 8V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524340.EOK-8V	QTY	PART NO KMP23524342.EOK-8V	QTY	PART NO KMP23524341.EOK-8V	QTY
CYLINDER KIT	23524340	8	23524342	8	23524341	8
MAIN BEARING STD	5149565	5	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	6	5196026	6	5196026	6
VALVE KIT, EXHAUST	5149771	32	5149771	32	5149771	32
VALVE GUIDE	5129919	32	5129919	32	5129919	32
VALVE SPRING	5147347	32	5147347	32	5147347	32
GASKET KIT O/HAUL	23512685	1	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524340.OFK-8V	QTY	PART NO KMP23524342.OFK-8V	QTY	PART NO KMP23524341.OFK-8V	QTY
CYLINDER KIT	23524340	8	23524342	8	23524341	8
MAIN BEARING STD	5149565	5	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
GASKET KIT O/HAUL	23512685	1	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524340.IFK-8V	QTY	PART NO KMP23524342.IFK-8V	QTY	PART NO KMP23524341.IFK-8V	QTY
CYLINDER KIT	23524340	8	23524342	8	23524341	8
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
UPPER GASKET KIT	5199674	2	5199674	2	5199674	2
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
OIL PAN GASKET	5117231	1	5117231	1	5117231	1

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DETROIT DIESEL 92 SERIES

DETROIT 8V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524339.EOK-8V	QTY	PART NO KMP23523100.EOK-8V	QTY	PART NO KMP24344-010.EOK-8V	QTY
CYLINDER KIT	23524339	8	23523100	8	23524344	8
MAIN BEARING STD	5149565	5	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	6	5196026	6	5196026	6
VALVE KIT, EXHAUST	5149771	32	5149771	32	5149771	32
VALVE GUIDE	5129919	32	5129919	32	5129919	32
VALVE SPRING	5147347	32	5147347	32	5147347	32
GASKET KIT O/HAUL	23512685	1	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524339.OFK-8V	QTY	PART NO KMP23523100.OFK-8V	QTY	PART NO KMP24344-010.OFK-8V	QTY
CYLINDER KIT	23524339	8	23523100	8	23524344	8
MAIN BEARING STD	5149565	5	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
GASKET KIT O/HAUL	23512685	1	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524339.IFK-8V	QTY	PART NO KMP23523100.IFK-8V	QTY	PART NO KMP24344-010.IFK-8V	QTY
CYLINDER KIT	23524339	8	23523100	8	23524344	8
CONROD BEARING STD	5149572	8	5149572	8	5149572	8
UPPER GASKET KIT	5199674	2	5199674	2	5199674	2
ROCKER COVER GASKET	5143406	2	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2	5104081	2
OIL PAN GASKET	5117231	1	5117231	1	5117231	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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KM Products Europe Limited cannot be held responsible for its accuracy.



DETROIT DIESEL 92 SERIES

DETROIT 8V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP24346-020.EOK-8V	QTY	PART NO KMP23524345.EOK-8V	QTY
CYLINDER KIT	23524346	8	23524345	8
MAIN BEARING STD	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8
CAMSHAFT BUSH	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	6	5196026	6
VALVE KIT, EXHAUST	5149771	32	5149771	32
VALVE GUIDE	5129919	32	5129919	32
VALVE SPRING	5147347	32	5147347	32
GASKET KIT O/HAUL	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.OFK-8V	QTY	PART NO KMP23524345.OFK-8V	QTY
CYLINDER KIT	23524346	8	23524345	8
MAIN BEARING STD	5149565	5	5149565	5
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	8	5149572	8
GASKET KIT O/HAUL	23512685	1	23512685	1
ROCKER COVER GASKET	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.IFK-8V	QTY	PART NO KMP23524345.IFK-8V	QTY
CYLINDER KIT	23524346	8	23524345	8
CONROD BEARING STD	5149572	8	5149572	8
UPPER GASKET KIT	5199674	2	5199674	2
ROCKER COVER GASKET	5143406	2	5143406	2
ROCKER COVER GASKET	5104081	2	5104081	2
OIL PAN GASKET	5117231	1	5117231	1

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DETROIT DIESEL 92 SERIES

DETROIT 12V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524337.EOK-12V	QTY	PART NO KMP23523101.EOK-12V	QTY	PART NO KMP23524343.EOK-12V	QTY
CYLINDER KIT	23524337	12	23523101	12	23524343	12
MAIN BEARING STD	5149565	7	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	10	5196026	10	5196026	10
VALVE KIT, EXHAUST	5149771	48	5149771	48	5149771	48
VALVE GUIDE	5129919	48	5129919	48	5129919	48
VALVE SPRING	5147347	48	5147347	48	5147347	48
GASKET KIT O/HAUL	23512686	1	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524337.OFK-12V	QTY	PART NO KMP23523101.OFK-12V	QTY	PART NO KMP23524343.OFK-12V	QTY
CYLINDER KIT	23524337	12	23523101	12	23524343	12
MAIN BEARING STD	5149565	7	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
GASKET KIT O/HAUL	23512686	1	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524337.IFK-12V	QTY	PART NO KMP23523101.IFK-12V	QTY	PART NO KMP23524343.IFK-12V	QTY
CYLINDER KIT	23524337	12	23523101	12	23524343	12
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
UPPER GASKET KIT	5199673	4	5199673	4	5199673	4
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
OIL PAN GASKET	5109915	1	5109915	1	5109915	1

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DETROIT DIESEL 92 SERIES

DETROIT 12V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524340.EOK-12V	QTY	PART NO KMP23524342.EOK-12V	QTY	PART NO KMP23524341.EOK-12V	QTY
CYLINDER KIT	23524340	12	23524342	12	23524341	12
MAIN BEARING STD	5149565	7	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	10	5196026	10	5196026	10
VALVE KIT, EXHAUST	5149771	48	5149771	48	5149771	48
VALVE GUIDE	5129919	48	5129919	48	5129919	48
VALVE SPRING	5147347	48	5147347	48	5147347	48
GASKET KIT O/HAUL	23512686	1	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524340.OFK-12V	QTY	PART NO KMP23524342.OFK-12V	QTY	PART NO KMP23524341.OFK-12V	QTY
CYLINDER KIT	23524340	12	23524342	12	23524341	12
MAIN BEARING STD	5149565	7	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
GASKET KIT O/HAUL	23512686	1	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524340.IFK-12V	QTY	PART NO KMP23524342.IFK-12V	QTY	PART NO KMP23524341.IFK-12V	QTY
CYLINDER KIT	23524340	12	23524342	12	23524341	12
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
UPPER GASKET KIT	5199673	4	5199673	4	5199673	4
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
OIL PAN GASKET	5109915	1	5109915	1	5109915	1

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DETROIT DIESEL 92 SERIES

DETROIT 12V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524339.EOK-12V	QTY	PART NO KMP23523100.EOK-12V	QTY	PART NO KMP24344-010.EOK-12V	QTY
CYLINDER KIT	23524339	12	23523100	12	23524344	12
MAIN BEARING STD	5149565	7	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	10	5196026	10	5196026	10
VALVE KIT, EXHAUST	5149771	48	5149771	48	5149771	48
VALVE GUIDE	5129919	48	5129919	48	5129919	48
VALVE SPRING	5147347	48	5147347	48	5147347	48
GASKET KIT O/HAUL	23512686	1	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524339.OFK-12V	QTY	PART NO KMP23523100.OFK-12V	QTY	PART NO KMP24344-010.OFK-12V	QTY
CYLINDER KIT	23524339	12	23523100	12	23524344	12
MAIN BEARING STD	5149565	7	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
GASKET KIT O/HAUL	23512686	1	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524339.IFK-12V	QTY	PART NO KMP23523100.IFK-12V	QTY	PART NO KMP24344-010.IFK-12V	QTY
CYLINDER KIT	23524339	12	23523100	12	23524344	12
CONROD BEARING STD	5149572	12	5149572	12	5149572	12
UPPER GASKET KIT	5199673	4	5199673	4	5199673	4
ROCKER COVER GASKET	5143405	4	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4	5104018	4
OIL PAN GASKET	5109915	1	5109915	1	5109915	1

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DETROIT DIESEL 92 SERIES

DETROIT 12V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP24346-020.EOK-12V	QTY	PART NO KMP23524345.EOK-12V	QTY
CYLINDER KIT	23524346	12	23524345	12
MAIN BEARING STD	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12
CAMSHAFT BUSH	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	10	5196026	10
VALVE KIT, EXHAUST	5149771	48	5149771	48
VALVE GUIDE	5129919	48	5129919	48
VALVE SPRING	5147347	48	5147347	48
GASKET KIT O/HAUL	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.OFK-12V	QTY	PART NO KMP23524345.OFK-12V	QTY
CYLINDER KIT	23524346	12	23524345	12
MAIN BEARING STD	5149565	7	5149565	7
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	12	5149572	12
GASKET KIT O/HAUL	23512686	1	23512686	1
ROCKER COVER GASKET	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.IFK-12V	QTY	PART NO KMP23524345.IFK-12V	QTY
CYLINDER KIT	23524346	12	23524345	12
CONROD BEARING STD	5149572	12	5149572	12
UPPER GASKET KIT	5199673	4	5199673	4
ROCKER COVER GASKET	5143405	4	5143405	4
ROCKER COVER GASKET	5104018	4	5104018	4
OIL PAN GASKET	5109915	1	5109915	1

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DETROIT DIESEL 92 SERIES

DETROIT 16V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524337.EOK-16V	QTY	PART NO KMP23523101.EOK-16V	QTY	PART NO KMP23524343.EOK-16V	QTY
CYLINDER KIT	23524337	16	23523101	16	23524343	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149771	64	5149771	64	5149771	64
VALVE GUIDE	5129919	64	5129919	64	5129919	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512687	1	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524337.OFK-16V	QTY	PART NO KMP23523101.OFK-16V	QTY	PART NO KMP23524343.OFK-16V	QTY
CYLINDER KIT	23524337	16	23523101	16	23524343	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512687	1	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524337.IFK-16V	QTY	PART NO KMP23523101.IFK-16V	QTY	PART NO KMP23524343.IFK-16V	QTY
CYLINDER KIT	23524337	16	23523101	16	23524343	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5199674	4	5199674	4	5199674	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 92 SERIES

DETROIT 16V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524340.EOK-16V	QTY	PART NO KMP23524342.EOK-16V	QTY	PART NO KMP23524341.EOK-16V	QTY
CYLINDER KIT	23524340	16	23524342	16	23524341	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149771	64	5149771	64	5149771	64
VALVE GUIDE	5129919	64	5129919	64	5129919	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512687	1	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524340.OFK-16V	QTY	PART NO KMP23524342.OFK-16V	QTY	PART NO KMP23524341.OFK-16V	QTY
CYLINDER KIT	23524340	16	23524342	16	23524341	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512687	1	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524340.IFK-16V	QTY	PART NO KMP23524342.IFK-16V	QTY	PART NO KMP23524341.IFK-16V	QTY
CYLINDER KIT	23524340	16	23524342	16	23524341	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5199674	4	5199674	4	5199674	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 92 SERIES

DETROIT 16V-92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23524339.EOK-16V	QTY	PART NO KMP23523100.EOK-16V	QTY	PART NO KMP24344-010.EOK-16V	QTY
CYLINDER KIT	23524339	16	23523100	16	23524344	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149771	64	5149771	64	5149771	64
VALVE GUIDE	5129919	64	5129919	64	5129919	64
VALVE SPRING	5147347	64	5147347	64	5147347	64
GASKET KIT O/HAUL	23512687	1	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23524339.OFK-16V	QTY	PART NO KMP23523100.OFK-16V	QTY	PART NO KMP24344-010.OFK-16V	QTY
CYLINDER KIT	23524339	16	23523100	16	23524344	16
MAIN BEARING STD	5149565	10	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
GASKET KIT O/HAUL	23512687	1	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23524339.IFK-16V	QTY	PART NO KMP23523100.IFK-16V	QTY	PART NO KMP24344-010.IFK-16V	QTY
CYLINDER KIT	23524339	16	23523100	16	23524344	16
CONROD BEARING STD	5149572	16	5149572	16	5149572	16
UPPER GASKET KIT	5199674	4	5199674	4	5199674	4
ROCKER COVER GASKET	5143406	4	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1	5126562	1

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DETROIT DIESEL 92 SERIES

DETROIT 16V- 92 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP24346-020.EOK-16V	QTY	PART NO KMP23524345.EOK-16V	QTY
CYLINDER KIT	23524346	16	23524345	16
MAIN BEARING STD	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16
CAMSHAFT BUSH	5111422	2	5111422	2
CAMSHAFT BUSH	5111423	8	5111423	8
CAMSHAFT BUSH	5196026	12	5196026	12
VALVE KIT, EXHAUST	5149771	64	5149771	64
VALVE GUIDE	5129919	64	5129919	64
VALVE SPRING	5147347	64	5147347	64
GASKET KIT O/HAUL	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.OFK-16V	QTY	PART NO KMP23524345.OFK-16V	QTY
CYLINDER KIT	23524346	16	23524345	16
MAIN BEARING STD	5149565	10	5149565	10
THRUST BEARING STD	5117005	4	5117005	4
CONROD BEARING STD	5149572	16	5149572	16
GASKET KIT O/HAUL	23512687	1	23512687	1
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
FRONT CRANKSHAFT SEAL	5115454	1	5115454	1
REAR CRANKSHAFT SEAL	5106329	1	5106329	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP24346-020.IFK-16V	QTY	PART NO KMP23524345.IFK-16V	QTY
CYLINDER KIT	23524346	16	23524345	16
CONROD BEARING STD	5149572	16	5149572	16
UPPER GASKET KIT	5199674	4	5199674	4
ROCKER COVER GASKET	5143406	4	5143406	4
ROCKER COVER GASKET	5104081	4	5104081	4
OIL PAN GASKET	5126562	1	5126562	1

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CYLINDER BLOCK	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Gasket Kit, Engine Overhaul	23532329	1			
Gasket Kit, Engine Overhaul	23532332		1	1	1
Gasket Kit, Engine Overhaul - EGR	23536443			1	1
(Must use with new style head bolts)					
Head Bolt Kit (New Style Bolts & Washers)	KMP50HBK	1			
Head Bolt Kit (New Style Bolts & Washers)	KMP60HBK		1	1	1
Gasket Kit, Cylinder Head Overhaul	23532330	1			
Gasket Kit, Cylinder Head Overhaul	23532333		1	1	1
Gasket Kit, Cylinder Head Overhaul - EGR	23536442			1	1

CRANKSHAFT & RELATED PARTS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Crankshaft (6 Hole)	23515596		1		
Crankshaft S60 (Wide 6 Hole) >6R188251 with cast piston	23515598			1	
Crankshaft (12 Hole)	23515599			1	
Crankshaft S60 (160 Stroke - Large Brg.)	23518646			1	
Crankshaft (12Hole) (160 Stroke)	23527771			1	
Crankshaft (168 Stroke)	23527225				1
Seal Assy, Front Crankshaft oil (Unitized Seal & Wear Sleeve)	23518355	1	1	1	1
Seal Assy, Crankshaft Oil Rear (Unitized Seal & Wear Sleeve)	23519651	1	1	1	1
Seal Assy, Crankshaft Oil Rear	23516969	1	1	1	1
Seal Assy, Crankshaft Oil Rear (Wet Hsg)	23513578	1	1	1	1

MAIN BEARINGS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Shell Set, Main Brg. Std.	8929670	4	6	6	6
Shell Set, Main Brg. Std.	8929680	1	1	1	1
Shell Set, Main Brg. .254mm	8929671	4	6	6	6
Shell Set, Main Brg. .254mm	8929681	1	1	1	1
Shell Set, Main Brg. .508mm	8929672	4	6	6	6
Shell Set, Main Brg. .508mm	8929682	1	1	1	1
Shell Set, Main Brg. .762mm	8929673	4	6	6	6
Shell Set, Main Brg. .762mm	8929683	1	1	1	1
Washer, Main Brg. Thrust	8929085	2	2	2	2
Washer, Main Brg. Thrust - Front (6R0762048 & Up)	23530554			2	2
Washer, Main Brg. Thrust - Rear (6R0762048 & Up)	23530555			2	2

VIBRATION DAMPERS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Damper, Vibration (April 1993-Up) (13.5" Dia)	8929502	1	1	1	1

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CONNECTING RODS AND RELATED COMPONENTS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Connecting Rod Assy (16:1) Wide Brg Style	23515594		6		
Connecting Rod Assy (16:1) Former Style Crankshaft	8929237		6		
Connecting Rod Assy (16:1) Wide Brg Style	23515593			6	
Connecting Rod Assy (16:1) Former Style Crankshaft	8929236			6	
Connecting Rod Assy (15:1)	23523195			6	
Connecting Rod Assy	23522876				6
Bolt, Connecting Rod Cap (M14 x 1.5 x 108)	8929355	8	12	12	
Bolt, Connecting Rod Cap (M14 x 1.5)	23522877			12	12
Nut, Connecting Rod Cap (M14 x 1.5 x 111.5)	8929019	8	12	12	12
Bushing, Conrod (Closed Rod Trunk Type)	KMP60BSH	4		6	6
Spacer, Pston Pin Bolt	8929504	8	12	12	
Bolt, Piston Pin	8929337	8	12	12	
Piston Pin (X-Head Iron)	8929087	4	6	6	
Piston Pin (Articulated Steel - 22mm ID)	23525168	4		6	
Pin Retainer (Articulated Steel Crown)	23521781	8		12	12
(X-HEAD ; <4R6664 ; <6R184521 - 11.1L ; <6R188250 - 12.7L 1.710" Wide 43mm)					
Shell Set, Connecting Rod Std. (Former Style Crankshaft)	8929710	4	6	6	
Shell Set, Connecting Rod .254mm (Former Style Crankshaft)	8929711	4	6	6	
Shell Set, Connecting Rod .508mm (Former Style Crankshaft)	8929712	4	6	6	
Shell Set, Connecting Rod .762mm (Former Style Crankshaft)	8929713	4	6	6	
(X-HEAD ; >4R6665 ; >6R184522 - 11.1L ; >6R188251 - 12.7L 1.710" Wide 43mm)					
Shell Set, Connecting Rod Std. (Wider Brg. Style)	23515581	4	6	6	
Shell Set, Connecting Rod .254mm (Wider Brg. Style)	23515582	4	6	6	
Shell Set, Connecting Rod .508mm (Wider Brg. Style)	23515583	4	6	6	
Shell Set, Connecting Rod .762mm (Wider Brg. Style)	23515584	4	6	6	
(Closed Rod / Steel Piston)					
Shell Set, Connecting Rod Std.	23526142	4		6	6
Shell Set, Connecting Rod .254mm	23527065	4		6	6
Shell Set, Connecting Rod .508mm	23527067	4		6	6
Shell Set, Connecting Rod .762mm	23527067	4		6	6
(Closed Rod / Large Journal)					
Shell Set, Connecting Rod Std.	23526141			6	6
Shell Set, Connecting Rod .254mm	23533567			6	6
Shell Set, Connecting Rod .508mm	23533568			6	6

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PISTON ASSEMBLIES	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Piston Kit, (15:1 Ratio) CL3.5mm (Dome Assy, Skirt & Pin)	23519635	4	6	6	
Piston Kit, (15:1 Ratio) CL2.5mm (Dome Assy, Skirt & Pin)	23519624	4	6	6	
Piston Kit, (15:1 Ratio) CL2.5mm Elliptical (Dome Assy, Skirt & Pin)	23519646	4		6	
Piston Kit, (15:1 Ratio) 2.5mm Art. (Dome ,Skirt, Skirt & Pin)	23533203	4		6	
Piston Kit, (16.5:1 Ratio) 2.5mm Art. (Dome ,Skirt, Skirt & Pin)	23532552	4		6	
Piston Kit, (15:1 Ratio) 2.5mm Art. (Dome ,Skirt, Skirt & Pin)	23530666			6	
Piston Kit, (15:1 Ratio) 2.5mm Art. (Dome ,Skirt, Skirt & Pin)	23532882			6	
Piston Kit, (16.5:1 Ratio) 2.5mm Art. (Dome ,Skirt, Skirt & Pin)	23530668			6	
Piston Kit,	23524601			6	
Piston Kit, (15:1 Ratio)	23525738				6
Piston Kit, (15:1 Ratio)	23530660				6
Piston Kit, (16:0 Ratio)	23506666				6
Piston Kit, (16.5:1 Ratio)	23530658				6
Piston Kit,	23533453				6
Piston Kit,	23530664				6

PISTON RING SETS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Ring Set (2.5mm Top Ring , with Keystone Compression Ring)	23503747	4	6	6	
Ring Set (3.5mm Top Ring , with Keystone Compression Ring)	23505729	4	6	6	
Ring Set (3.0mm Top Ring)	23526278				
Ring Set (3.5mm Top Ring , with 3pcs Oil Control Ring)	23524842				
Ring Set	23531251			6	
Ring Set	23525573				6
Ring Set	23531252				6
Spacer, Pstn Pin Bolt	8929504	8	12	12	
Bolt, Piston Pin	8929337	8	12	12	
Piston Pin (X-Head Iron)	8929087	4	6	6	
Piston Pin (Articulated Steel - 22mm ID)	23525168	4		6	
Pin Retainer (Articulated Steel Crown)	23521781	8		12	12
Piston Cooling Nozzle	23528493	4		6	6
Bolt, Piston Cooling Nozzle	23506222	4		6	6

CYLINDER KITS & COMPONENTS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Cylinder Liner & Seal	23532468		6	6	
Cylinder Liner & Seal (TLC)	23531249	4	6	6	
Cylinder Liner & Seal (14L)	23531250				6
Seal , Cylinder Liner (Crevice)	8929013	4	6	6	6
Seal , Cylinder Liner (D- Ring)	8929176	8	12	12	12
Cylinder Kits	See Page 290/291	4	6	6	6

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CYLINDER HEAD COMPONENTS VALVE KITS INCLUDE VALVES, LOCKS, SEALS & ROTATORS		QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
PART No					
Cylinder Head	23523294				
Valve Kit, Inlet ("A" or Large Dimple)	23501576	8	12	12	12
Valve Kit, Exhaust ("U" & No Machined ID Ring) Pre 1991	23501577		12	12	
Valve Kit, Exhaust ("H" or Small Dimple & ID Ring) 1991-2001	23507504	8	12	12	12
Valve, Inlet ("A" or Large Dimple)	8929589	8	12	12	12
Valve, Exhaust ("U" & No Machined ID Ring) Pre 1991	8929590		12	12	
Valve, Exhaust ("H" or Small Dimple & ID Ring) 1991-2001	23506350	8	12	12	12
Valve, Inlet (EGR)	23529004	8			
Valve, Exhaust (EGR 2002 - Up)	23529596	8		12	12
Guide, Valve (14.30-14.32mm OD)	23533552	16	24	24	24
Guide, Valve (14.43-14.45mm OD)	23518572	AR	AR	AR	AR
Valve Stem Seal	23523930	16	24	24	24
Seat, Valve Intake Std	8929127	8	12	12	12
Seat, Valve Intake .010" O/S	8929127.010	AR	AR	AR	AR
Seat, Valve Exhaust Std	8929126	8	12	12	12
Seat, Valve Exhaust .010" O/S	8929126.010	AR	AR	AR	AR
Spring, Valve (Both Non - EGR)	8929415	16	24	24	24
Spring, Valve Inlet (EGR)	8929415	8		12	12
Spring, Valve Exhaust (EGR)	23535122	8		12	12
Seat, Spring	8929076	16	24	24	24
Rotator	8929105	16	24	24	24
Locks	8929573	32	48	48	48
Bushing, Valve Rocker Arm (Narrow)	8929059	AR	AR	AR	AR
Bushing, Valve Rocker Arm (Wide)	8929536	AR	AR	AR	AR
Injector Tube Kit	23501580	4	6	6	6
Seal, Injector Tube	23515470	4	6	6	6
Injector Tube Kit - Threaded SST, Use Seal 23533147	23533148	4	6	6	6
Seal, Injector Tube	23533147	4	6	6	6
Seal (Auxiliary - Large) Injector Tube	5104701	4	6	6	6
Seal (Auxiliary - Small) Injector Tube	23511870	4	6	6	6
Bolt, Cylinder Head	23530768	26	38	38	38
Washer, Bolt Cylinder Head	8929328	26	38	38	38
Bolt Kit, Cylinder Head	KMP50HBK	1			
Bolt Kit, Cylinder Head	KMP60HBK		1	1	1

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ROCKER COVER MOUNTING COMPONENTS - 1PIECE COVER		QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Gasket, Rocker Cover To Head (4 Bolt)	23516322		1	1	1
Isolator (Up to 1996)	8929255		4	4	4
Isolator Washer (Up To 1996)	5104514		4	4	4
Isolator / Washer Assy (1996-1999)	23517911		4	4	4
Gasket, Rocker Cover To Head (10 Bolt)	23522269		1	1	1
Isolator / Washer Assy (1996-1999)	23522271		10	10	10
Breather Element (1pcs Covers)	5101760		1	1	1
ROCKER COVER MOUNTING COMPONENTS - 2 PIECE COVER					
Gasket, Upper Hsg. to Lower Hsg.	23511772	1			
Gasket, Upper Hsg. to Lower Hsg. (<6/1999 May)	8929803		1	1	1
Bolt, Upper Hsg. to Lower Hsg.	11504822	6	8	8	8
Gasket, Lower Hgs. To Head	23516531	1			
Gasket, Lower Hgs. To Head (<6/1999 May)	23516322		1	1	1
Isolator (Up to 1996) , Lower Hgs. To Head	8929255		10	10	10
Isolator Washer (Up To 1996) , Lower Hgs. To Head	5104514		10	10	10
Isolator / Washer Assy , Lower Hgs. To Head	23517911	8			
Gasket, Upper Hsg. to Lower Hsg. (May 6/1999 & Up)	23511991		1	1	1
Bolt, Upper Hsg. to Lower Hsg. (May 6/1999 & Up)	11504822		8	8	8
Gasket, Lower Hgs. To Head (May 6/1999 & Up)	23522269		1	1	1
Isolator & Bolt Assy , Lower Hgs. To Head (May 6/1999 & Up)	23522271		10	10	10
ROCKER COVER MOUNTING COMPONENTS - 3 PIECE COVER					
Gasket, Upper Hsg. To Intermediate Hsg. (<6/1999 May)	23506153		1	1	1
Gasket, Intermediate Hsg. to Lower Hsg. (<6/1999 May)	8929803		1	1	1
Bolt, Upper Hsg. to Intermediate Hsg.	11504822		8	8	8
Bolt, Intermediate Hsg. to Lower Hsg.	11504822		8	8	8
Gasket, Lower Hgs. To Head (<6/1999 May)	23516322		1	1	1
Isolator (Up to 1996) , Lower Hgs. To Head	8929255		10	10	10
Isolator Washer (Up To 1996) , Lower Hgs. To Head	5104514		10	10	10
Isolator / Washer Assy , Lower Hgs. To Head	23517911		10	10	10
Gasket, Upper Hsg. To Intermediate Hsg. (May 6/1999& Up)	23511992		1	1	1
Gasket, Intermediate Hsg. & Lower Hsg. (May 6/1999& Up)	23511991		1	1	1
Bolt, Upper Hsg. to Intermediate Hsg.	11504822		8	8	8
Bolt, Intermediate Hsg. to Lower Hsg.	11504822		8	8	8
Gasket, Lower Hgs. To Head (May 6/1999& Up)	23522269		1	1	1
Isolator & Bolt Assy , Lower Hgs. To Head (May 6/1999 & Up)	23522271		10	10	10

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CAMSHAFT AND RELATED PARTS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Camshaft	8929473			1	
Camshaft	23505195			1	
Camshaft	23513564			1	
Camshaft	23521681			1	
Camshaft	23524906			1	
Camshaft	23524908			1	
Camshaft	23524910			1	
Camshaft	23524918			1	
Camshaft	23528309			1	
Camshaft	23528606			1	
Camshaft	8929485	1			
Camshaft	23513562	1			
Camshaft	23518718	1			
Camshaft	23520292	1			
Camshaft	23522200	1			
Camshaft	23524292	1			
Camshaft	23524655	1			
Camshaft	23524900	1			
Camshaft	23524914	1			
Camshaft	23524898	1			
Camshaft	23522893				1
Camshaft	23525526				1
Camshaft	23529008				1
Bearing, Camshaft Std	8929690	5	7	7	7
Bearing, Camshaft .254mm	8929691	5	7	7	7
Bearing, Camshaft .508mm	8929692	5	7	7	7
Bearing, Camshaft .762mm	8929693	5	7	7	7

FUEL SYSTEM	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Fuel Injector Assy	See Page 290/291				
Installation Kit DDEC II-IV	KMPBS60INJ	4	6	6	6
Installation Kit DDEC V (N3)	23535700			6	6
O` Ring Seal - Injector Mtg. (Upper) In Kit KMPBS60INJ	5234702	4	6	6	6
O` Ring Seal - Injector Mtg. (Lower) In Kit KMPBS60INJ	5234699	8	12	12	12
Seal, Upper Auxiliary, In Kit KMPBS60INJ	5104701	4	6	6	6
Gasket, Lower Auxiliary, In Kit KMPBS60INJ	23511870	4	6	6	6
Solenoid Seal & Screw Kit DDEC II-IV	5236116	4	6	6	6
Fuel Check Valve (3/8 NPTF Male x #8 Male Flare)	23516918	AR	AR	AR	AR
Fuel Check Valve (3/8 NPTF Female x #8 Male Flare)	23516919	AR	AR	AR	AR
Fuel Check Valve (3/8 NPTF Female x #6 Male Flare)	23516993	AR	AR	AR	AR

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DETROIT DIESEL 60 SERIES

OIL COOLERS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Oil Pump (Option Type 198)	23505886		1	1	1
Valve, Relief valve	8922740	1	1	1	
Spring, Relief Valve	5126327			1	1
Core Assy, Oil Cooler (10 Plate) **May 1991-Up	23522416		2	2	2
Core Assy, Oil Cooler (11 Plate) **May 1991-Up	23522415		2	2	2
Kit, Oil Cooler Installation **May 1991-Up	KMPBS0060	1	1	1	1
Gasket , Cooler Hgs **May 1991-Up	23506247	1	1	1	1
Seal Ring, Core to Filter Hsg. **May 1991-Up	23508392	2	2	2	2
Seal Ring, Hsg. Neck to Block **May 1991-Up	8929289	1	1	1	1
Seal Ring, Bypass **May 1991-Up	23505902	1	1	1	1
Seal Ring, Filter Hsg to Block **May 1991-Up	23508392	1	1	1	1

OIL PAN & GASKETS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Seal, Oil Pan	23511580	1			
Seal, Oil Pan - Up to April 1999	8929102		1	1	1
Spacer	23517243	8	10	10	10
Isolator	23517242	8	10	10	10
Bolt	11504571	8	10	10	10
Oil Pan Assy - Front Sump	23522282		1	1	1
Seal, Oil Pan	23522279		10	10	10
Bolt, Isolator & Spacer Assy	23522281		10	10	10

WATER PUMP AND RELATED PARTS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Pump Assy, Water (6R37023 - 6R579833) Mtg. Seal Ring Square Cut	23522707	1	1	1	
Seal Ring, Square Cut Mtg.	23520377				
Pump Assy, Water (6R579834 - Up) Mtg. O` Ring	23526039	1	1	1	1
O` Ring Mtg.	23526038				
Kit, Water Pump Reconditioning	23529962	1	1	1	1
Seal Ring , Cover	23512048	1	1	1	1
Seal Assy , Water Pump	23522433	1	1	1	1
Seal, Oil	23528190	1	1	1	1
Bearing Assy	8929422	1	1	1	1
Retainer Ring , Bearing	8929427	1	1	1	1
Impellor (6 Vane C.I.)	23517973	1	1	1	1
Shaft	23505896	1	1	1	1
Gear	23505910	1	1	1	1

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DETROIT DIESEL 60 SERIES

THERMOSTATS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Thermostat (160 Deg.)	23503827			2	
Thermostat (180 Deg.)	23503825			2	2
Thermostat (185 Deg.)	23533312			2	2
Thermostat (190 Deg.)	8929878	2	2	2	2
Thermostat & Seal Kit (185 Deg.)	23533492			2	2
Thermostat & Seal Kit (190 Deg.)	23532436	2	2	2	2
Seal, Thermostat	5132155	2	2	2	2

EXHAUST MANIFOLDS AND TURBO GASKETS	PART No	QTY S50 \ 8.5L	QTY S60 \ 11.1L	QTY S60 \ 12.7L	QTY S60 \ 14L
Gasket, Exhaust Manifold	23511666	2	3	3	3
Bolt, Exhaust Manifold Mtg.	8929357	AR	AR	AR	AR
Nut, Exhaust Manifold Mtg.	11506101	AR	AR	AR	AR
Gasket, Turbo Mtg.	8929529	1	1	1	1
Stud, Turbo Mtg.	23507438	4	4	4	4
Stud, Turbo Mtg.	8929425	4	4	4	4
Nut, Turbo Mtg.	11506101	4	4	4	4
Washer, Turbo Mtg.	8929169	4	4	4	4

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DETROIT DIESEL 60 SERIES

TURBOCHARGER ASSY	PART NO.	
Turbocharger (TV51)	8929435	
Turbocharger (TV51)	8929507	
Turbocharger (TV51)	8929796	
Turbocharger (TV51)	8929797	
Turbocharger (TV51)	8929902	
Turbocharger (TV51)	8929903	
Turbocharger (TV51)	23503732	
Turbocharger (TMF51)	23504966	
Turbocharger (TMF51)	23504967	
Turbocharger (TV4501)	23507908	
Turbocharger (TV4501)	23507909	
Turbocharger (TV4502)	23508405	
Turbocharger (TV4502)	23508406	
Turbocharger (TMF5102)	23508410	
Turbocharger (TMF5102)	23508411	
Turbocharger (TMF55)	23515635	
Turbocharger (TMF55)	23515636	
Turbocharger (TMF55)	23516431	
Turbocharger (TMF55)	23518588	
Turbocharger (TMF55)	23518597	
Turbocharger (GT4294)	23522188	
Turbocharger (GT4202)	23522189	
Turbocharger (GT4202)	23522190	
Turbocharger (GT4202)	23522312	
Turbocharger (GTA42)	23525463	
Turbocharger	23526016	
Turbocharger	23526271	
Turbocharger	23526272	
Turbocharger (GT4294)	23526679	
Turbocharger (GTA4294)	23528052	
Turbocharger (GTA4202)	23528059	
Turbocharger	23528062	
Turbocharger (GTA4202)	23528064	
Turbocharger (GTA4294)	23528065	
Turbocharger (GTA4294)	23528069	
Turbocharger	23529103	

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DETROIT DIESEL 60 SERIES

CYLINDER KIT	PISTON KIT	PISTON PIN	BOLT	SPACER SET	RETAINER KIT	RING	LINER
11.1L (16:1 Ratio)							
2353259	23519624	8929087	8929337		8929504	23503747	23532468
23532591	23519635	8929087	8929337		8929504	23505729	23532468
23532555	23519624	8929087	8929337		8929504	23503747	23531249
23532556	23519635	8929087	8929337	8929504		23505729	23531249
12.7L (15:1 Ratio)							
23532590	23519624	8929087	8929337		8929504	23503747	23532468
23532591	23519635	8929087	8929337		8929504	23505729	23532468
23532555	23519624	8929087	8929337		8929504	23503747	23531249
23532556	23519635	8929087	8929337		8929504	23505729	23531249
23532558	23524601	8929087	8929337		8929504	23503747	23531249
23532557	23519649	8929087	8929337		8929504	23503747	23531249
23532561	23530666	23521649			23521781	23503747	23531249
23532883	23532882	23521649			23521781	23503747	23531249
12.7L (16.5:1 Ratio)							
23532562	23530668	23525168			23521781	23503747	23531249
12.7L (50/60)							
23532554	23532552	23525168			23521781	23531251	23531249
23533204	23533203	23525168			23521781	23531251	23531249
160MM (10:1 Ratio)							
23519645	23519644	8929087	8929337	8929504		23518760	23514285
14L (15:1 Ratio)							
23525835	23525738	23522872			23521781	23525573	23531250
23530661	23530660	23522872			23521781	23525573	23531250
14L (16:1 Ratio)							
23530663	23530666	23525168			23521781	23503747	23531250
14L (16.5:1 Ratio)							
23530659	23530658	23522872			23521781	23525573	23531250
14L							
23533452	23533453	23522872			23521781	23533510	23531250
23530665	23530664	23522872			23521781	23531252	23531250

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532590.EOK-A	QTY	PART NO KMP23532590.EOK-C	QTY	PART NO KMP23532590.EOK-E	QTY
CYLINDER KIT	23532590	6	23532590	6	23532590	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	8929710	6	8929710	6	8929710	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532590.EOK-G	QTY	PART NO KMP23532590.EOK-I	QTY	PART NO KMP23532590.EOK-K	QTY
CYLINDER KIT	23532590	6	23532590	6	23532590	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	8929710	6	8929710	6	8929710	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532590.EOK-M	QTY
CYLINDER KIT	23532590	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	8929710	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532590.OFK-A	QTY
CYLINDER KIT	23532590	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	8929710	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532590.IFK-A	QTY
CYLINDER KIT	23532590	6
CONROD BEARING STD	8929710	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532590.EOK-B	QTY	PART NO KMP23532590.EOK-D	QTY	PART NO KMP23532590.EOK-F	QTY
CYLINDER KIT	23532590	6	23532590	6	23532590	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532590.EOK-H	QTY	PART NO KMP23532590.EOK-J	QTY	PART NO KMP23532590.EOK-L	QTY
CYLINDER KIT	23532590	6	23532590	6	23532590	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532590.EOK-N	QTY
CYLINDER KIT	23532590	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
VALVE INSERT, INLET		
VALVE INSERT, EXHAUST		
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532590.OFK-B	QTY
CYLINDER KIT	23532590	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532590.IFK-B	QTY
CYLINDER KIT	23532590	6
CONROD BEARING STD	23515581	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532556.EOK-A	QTY	PART NO KMP23532556.EOK-C	QTY	PART NO KMP23532556.EOK-E	QTY
CYLINDER KIT	23532556	6	23532556	6	23532556	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	8929710	6	8929710	6	8929710	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532556.EOK-G	QTY	PART NO KMP23532556.EOK-I	QTY	PART NO KMP23532556.EOK-K	QTY
CYLINDER KIT	23532556	6	23532556	6	23532556	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	8929710	6	8929710	6	8929710	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532556.EOK-M	QTY
CYLINDER KIT	23532556	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	8929710	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532556.OFK-A	QTY
CYLINDER KIT	23532556	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	8929710	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532556.IFK-A	QTY
CYLINDER KIT	23532556	6
CONROD BEARING STD	8929710	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532556.EOK-B	QTY	PART NO KMP23532556.EOK-D	QTY	PART NO KMP23532556.EOK-F	QTY
CYLINDER KIT	23532556	6	23532556	6	23532556	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532556.EOK-H	QTY	PART NO KMP23532556.EOK-J	QTY	PART NO KMP23532556.EOK-L	QTY
CYLINDER KIT	23532556	6	23532556	6	23532556	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532556.EOK-N	QTY
CYLINDER KIT	23532556	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532556.OFK-B	QTY
CYLINDER KIT	23532556	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532556.IFK-B	QTY
CYLINDER KIT	23532556	6
CONROD BEARING STD	23515581	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532555.EOK-A	QTY	PART NO KMP23532555.EOK-C	QTY	PART NO KMP23532555.EOK-E	QTY
CYLINDER KIT	23532555	6	23532555	6	23532555	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	8929710	6	8929710	6	8929710	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532555.EOK-G	QTY	PART NO KMP23532555.EOK-I	QTY	PART NO KMP23532555.EOK-K	QTY
CYLINDER KIT	23532555	6	23532555	6	23532555	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	8929710	6	8929710	6	8929710	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532555.EOK-M	QTY
CYLINDER KIT	23532555	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	8929710	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532555.OFK-A	QTY
CYLINDER KIT	23532555	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	8929710	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532555.IFK-A	QTY
CYLINDER KIT	23532555	6
CONROD BEARING STD	8929710	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532555.EOK-B	QTY	PART NO KMP23532555.EOK-D	QTY	PART NO KMP23532555.EOK-F	QTY
CYLINDER KIT	23532555	6	23532555	6	23532555	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532555.EOK-H	QTY	PART NO KMP23532555.EOK-J	QTY	PART NO KMP23532555.EOK-L	QTY
CYLINDER KIT	23532555	6	23532555	6	23532555	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532555.EOK-N	QTY
CYLINDER KIT	23532555	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532555.OFK-B	QTY
CYLINDER KIT	23532555	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532555.IFK-B	QTY
CYLINDER KIT	23532555	6
CONROD BEARING STD	23515581	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532557.EOK-A	QTY	PART NO KMP23532557.EOK-B	QTY	PART NO KMP23532557.EOK-C	QTY
CYLINDER KIT	23532557	6	23532557	6	23532557	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532557.EOK-D	QTY	PART NO KMP23532557.EOK-E	QTY	PART NO KMP23532557.EOK-F	QTY
CYLINDER KIT	23532557	6	23532557	6	23532557	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532557.EOK-G	QTY
CYLINDER KIT	23532557	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532557.OFK	QTY
CYLINDER KIT	23532557	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532557.IFK	QTY
CYLINDER KIT	23532557	6
CONROD BEARING STD	23515581	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23525835.EOK-A	QTY	PART NO KMP23525835.EOK-B	QTY	PART NO KMP23525835.EOK-C	QTY
CYLINDER KIT	23525835	6	23525835	6	23525835	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526141	6	23526141	6	23526141	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23525835.EOK-D	QTY	PART NO KMP23525835.EOK-E	QTY	PART NO KMP23525835.EOK-F	QTY
CYLINDER KIT	23525835	6	23525835	6	23525835	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526141	6	23526141	6	23526141	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23525835.EOK-G	QTY
CYLINDER KIT	23525835	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526141	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23525835.OFK	QTY
CYLINDER KIT	23525835	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526141	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23525835.IFK	QTY
CYLINDER KIT	23525835	6
CONROD BEARING STD	23526141	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530659.EOK-A	QTY	PART NO KMP23530659.EOK-B	QTY	PART NO KMP23530659.EOK-C	QTY
CYLINDER KIT	23530659	6	23530659	6	23530659	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526141	6	23526141	6	23526141	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530659.EOK-D	QTY	PART NO KMP23530659.EOK-E	QTY	PART NO KMP23530659.EOK-F	QTY
CYLINDER KIT	23530659	6	23530659	6	23530659	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526141	6	23526141	6	23526141	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530659.EOK-G	QTY
CYLINDER KIT	23530659	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526141	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23530659.OFK	QTY
CYLINDER KIT	23530659	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526141	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23530659.IFK	QTY
CYLINDER KIT	23530659	6
CONROD BEARING STD	23526141	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532561.EOK-A	QTY	PART NO KMP23532561.EOK-B	QTY	PART NO KMP23532561.EOK-C	QTY
CYLINDER KIT	23532561	6	23532561	6	23532561	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532561.EOK-D	QTY	PART NO KMP23532561.EOK-E	QTY	PART NO KMP23532561.EOK-F	QTY
CYLINDER KIT	23532561	6	23532561	6	23532561	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532561.EOK-G	QTY
CYLINDER KIT	23532561	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STDv	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532561.OFK	QTY
CYLINDER KIT	23532561	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532561.IFK	QTY
CYLINDER KIT	23532561	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530663.EOK-A	QTY	PART NO KMP23530663.EOK-B	QTY	PART NO KMP23530663.EOK-C	QTY
CYLINDER KIT	23530663	6	23530663	6	23530663	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530663.EOK-D	QTY	PART NO KMP23530663.EOK-E	QTY	PART NO KMP23530663.EOK-F	QTY
CYLINDER KIT	23530663	6	23530663	6	23530663	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530663.EOK-G	QTY
CYLINDER KIT	23530663	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23530663.OFK	QTY
CYLINDER KIT	23530663	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23530663.IFK	QTY
CYLINDER KIT	23530663	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532883.EOK-A	QTY	PART NO KMP23532883.EOK-B	QTY	PART NO KMP23532883.EOK-C	QTY
CYLINDER KIT	23532883	6	23532883	6	23532883	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532883.EOK-D	QTY	PART NO KMP23532883.EOK-E	QTY	PART NO KMP23532883.EOK-F	QTY
CYLINDER KIT	23532883	6	23532883	6	23532883	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532883.EOK-G	QTY
CYLINDER KIT	23532883	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532883.OFK	QTY
CYLINDER KIT	23532883	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532883.IFK	QTY
CYLINDER KIT	23532883	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532562.EOK-A	QTY	PART NO KMP23532562.EOK-B	QTY	PART NO KMP23532562.EOK-C	QTY
CYLINDER KIT	23532562	6	23532562	6	23532562	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532562.EOK-D	QTY	PART NO KMP23532562.EOK-E	QTY	PART NO KMP23532562.EOK-F	QTY
CYLINDER KIT	23532562	6	23532562	6	23532562	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532562.EOK-G	QTY
CYLINDER KIT	23532562	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532562.OFK	QTY
CYLINDER KIT	23532562	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532562.IFK	QTY
CYLINDER KIT	23532562	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532885.EOK-A	QTY	PART NO KMP23532885.EOK-B	QTY	PART NO KMP23532885.EOK-C	QTY
CYLINDER KIT	23532885	6	23532885	6	23532885	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532885.EOK-D	QTY	PART NO KMP23532885.EOK-E	QTY	PART NO KMP23532885.EOK-F	QTY
CYLINDER KIT	23532885	6	23532885	6	23532885	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532885.EOK-G	QTY
CYLINDER KIT	23532885	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532885.OFK	QTY
CYLINDER KIT	23532885	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532885.IFK	QTY
CYLINDER KIT	23532885	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530661.EOK-A	QTY	PART NO KMP23530661.EOK-B	QTY	PART NO KMP23530661.EOK-C	QTY
CYLINDER KIT	23530661	6	23530661	6	23530661	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530661.EOK-D	QTY	PART NO KMP23530661.EOK-E	QTY	PART NO KMP23530661.EOK-F	QTY
CYLINDER KIT	23530661	6	23530661	6	23530661	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530661.EOK-G	QTY
CYLINDER KIT	23530661	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23530661.OFK	QTY
CYLINDER KIT	23530661	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23530661.IFK	QTY
CYLINDER KIT	23530661	6
CONROD BEARING STD	23515581	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532554.EOK-A	QTY	PART NO KMP23532554.EOK-B	QTY	PART NO KMP23532554.EOK-C	QTY
CYLINDER KIT	23532554	6	23532554	6	23532554	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532554.EOK-D	QTY	PART NO KMP23532554.EOK-E	QTY	PART NO KMP23532554.EOK-F	QTY
CYLINDER KIT	23532554	6	23532554	6	23532554	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532554.EOK-G	QTY
CYLINDER KIT	23532554	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532554.OFK	QTY
CYLINDER KIT	23532554	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532554.IFK	QTY
CYLINDER KIT	23532554	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23533204.EOK-A	QTY	PART NO KMP23533204.EOK-B	QTY	PART NO KMP23533204.EOK-C	QTY
CYLINDER KIT	23533204	6	23533204	6	23533204	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23533204.EOK-D	QTY	PART NO KMP23533204.EOK-E	QTY	PART NO KMP23533204.EOK-F	QTY
CYLINDER KIT	23533204	6	23533204	6	23533204	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23533204.EOK-G	QTY
CYLINDER KIT	23533204	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23533204.OFK	QTY
CYLINDER KIT	23533204	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23533204.IFK	QTY
CYLINDER KIT	23533204	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23533452.EOK-A	QTY	PART NO KMP23533452.EOK-B	QTY	PART NO KMP23533452.EOK-C	QTY
CYLINDER KIT	23533452	6	23533452	6	23533452	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23533452.EOK-D	QTY	PART NO KMP23533452.EOK-E	QTY	PART NO KMP23533452.EOK-F	QTY
CYLINDER KIT	23533452	6	23533452	6	23533452	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526142	6	23526142	6	23526142	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23533452.EOK-G	QTY
CYLINDER KIT	23533452	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23533452.OFK	QTY
CYLINDER KIT	23533452	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526142	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23533452.IFK	QTY
CYLINDER KIT	23533452	6
CONROD BEARING STD	23526142	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 60 SERIES

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ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530665.EOK-A	QTY	PART NO KMP23530665.EOK-B	QTY	PART NO KMP23530665.EOK-C	QTY
CYLINDER KIT	23530665	6	23530665	6	23530665	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526141	6	23526141	6	23526141	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530665.EOK-D	QTY	PART NO KMP23530665.EOK-E	QTY	PART NO KMP23530665.EOK-F	QTY
CYLINDER KIT	23530665	6	23530665	6	23530665	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23526141	6	23526141	6	23526141	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23530665.EOK-G	QTY
CYLINDER KIT	23530665	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526141	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23530665.OFK	QTY
CYLINDER KIT	23530665	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23526141	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23530665.IFK	QTY
CYLINDER KIT	23530665	6
CONROD BEARING STD	23526141	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532558.EOK-A	QTY	PART NO KMP23532558.EOK-B	QTY	PART NO KMP23532558.EOK-C	QTY
CYLINDER KIT	23532558	6	23532558	6	23532558	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23501576	12	23501576	12	23520149	12
VALVE KIT, EXHAUST	23501577	12	23507504	12	23520148	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12	8929127	12	23517058	12
VALVE INSERT, EXHAUST	8929126	12	8929126	12	23519090	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532558.EOK-D	QTY	PART NO KMP23532558.EOK-E	QTY	PART NO KMP23532558.EOK-F	QTY
CYLINDER KIT	23532558	6	23532558	6	23532558	6
MAIN BEARING STD	8929670	6	8929670	6	8929670	6
THRUST BEARING STD	8929680	1	8929680	1	8929680	1
CONROD BEARING STD	23515581	6	23515581	6	23515581	6
PISTON PIN BEARING KIT	23519723	1	23519723	1	23519723	1
CAMSHAFT BUSH SET	8929690	1	8929690	1	8929690	1
VALVE KIT, INLET	23529629	12	23529004	12	23529629	12
VALVE KIT, EXHAUST	23507504	12	23525179	12	23524521	12
VALVE GUIDE - INLET & EXH.	23533552	24	23533552	24	23533552	24
VALVE LOCK	8929573	48	8929573	48	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24	8929415	24	8929415	24
VALVE INSERT, INLET	8929127	12			8929127	12
VALVE INSERT, EXHAUST	8929126	12			8929126	12
GASKET KIT O/HAUL	23512691	1	23512691	1	23512691	1

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DETROIT DIESEL 60 SERIES

DETROIT 60 SERIES

ENGINE OVERHAUL KIT:

KIT CONTENTS	PART NO KMP23532558.EOK-G	QTY
CYLINDER KIT	23532558	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
CAMSHAFT BUSH SET	8929690	1
VALVE KIT, INLET	23529629	12
VALVE KIT, EXHAUST	23529596	12
VALVE GUIDE - INLET & EXH.	23533552	24
VALVE LOCK	8929573	48
VALVE SPRING, INLET & EXH.	8929415	24
GASKET KIT O/HAUL	23512691	1

ENGINE OUTER FRAME KIT:

KIT CONTENTS	PART NO KMP23532558.OFK	QTY
CYLINDER KIT	23532558	6
MAIN BEARING STD	8929670	6
THRUST BEARING STD	8929680	1
CONROD BEARING STD	23515581	6
PISTON PIN BEARING KIT	23519723	1
GASKET KIT O/HAUL	23512691	1

ENGINE INFRAME KIT:

KIT CONTENTS	PART NO KMP23532558.IFK	QTY
CYLINDER KIT	23532558	6
CONROD BEARING STD	23515581	6
GASKET KIT UPPER	23532333	1
OIL PAN GASKET	8929102	1
OIL PAN SEAL	23522279	1

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DETROIT DIESEL 149 SERIES

CYLINDER BLOCK	PART No	QTY 8V	QTY 12V	QTY 16V
Gasket Kit, Engine Overhaul (Complete W/Tube Style Head Sets)	23516642	1		
Gasket Kit, Engine Overhaul	23516494		1	
Gasket Kit, Engine Overhaul (Complete W/Tube Style Head Sets)	23516494C0		1	
Gasket Kit, Engine Overhaul	23516493			1
Gasket Kit, Engine Overhaul (Complete W/Tube Style Head Sets)	23516493C0			1
Gasket Kit, Cylinder Head Overhaul (Tube & Ferrule Style)	5149597	8	12	16
Gasket Kit, Cylinder Head Overhaul (Integral Seal - STD)	3522737	8	12	16
Gasket Kit, Cylinder Head Overhaul (Integral Seal - O/S)	23516978	8	12	16

CRANKSHAFT SEALS	PART No	QTY 8V	QTY 12V	QTY 16V
Seal , Front Crankshaft oil (Front R.H Rotation Engine)	23505760	1	1	1
Seal , Rear Crankshaft oil (Front R.H Rotation Engine)	23507976	1	1	1
Seal , Front Crankshaft oil (Front L.H Rotation Engine)	23507976	1	1	1
Seal , Rear Crankshaft oil (Front L.H Rotation Engine)	23505760	1	1	1
Seal , Rear Crankshaft oil (Lip Type) Use With Sleeve 5198553	23501875	1	1	1
Sleeve , Rear Crankshaft oil	5198553	1	1	1

CYLINDER COMPONENTS	PART No	QTY 8V	QTY 12V	QTY 16V
Piston Crown (16:1 Wide Fire Ring)	23502388	8	12	16
Piston Crown (15:1 Narrow Fire Ring)	23502389	8	12	16
Piston Crown (16:1 Narrow Fire Ring)	23502390	8	12	16
Piston Crown (17:1 Narrow Fire Ring)	23502671	8	12	16
Piston Crown (17:1 Narrow Fire Ring)	23502672	8	12	16
Ring Set (T/TI - Low Sulfur / Narrow Fire Ring)	8928932	8	12	16
Ring Set (Natural 17:1 - Low Sulfur / Narrow Fire Ring)	23522936	8	12	16
Ring Set (T/TI - High Sulfur / Wide Fire Ring)	23501524	8	12	16
Ring Set (Natural 17:1 - High Sulfur / Wide Fire Ring)	23522937	8	12	16
Liner (STD) 1.15" Port	5138135	8	12	16
Liner (0.002" O/S) 1.15" Port	5149060	A/R	A/R	A/R
Liner (STD) 0.85" Port	23502356	8	12	16
Cylinder Installation Kit	23523189	8	12	16
Piston Skirt	5144912	8	12	16
Crown Seal	8924099	8	12	16
Piston Pin	8926002	8	12	16
Piston Pin Retainer	5101323	16	24	32
Slipper Bearing	23520852	8	12	16
Liner Seal Ring	5101198	16	24	32
Pin Bolt	23504149	16	24	32
Pin Bolt Spacer	5141126	16	24	32

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DETROIT DIESEL 149 SERIES

MAIN BEARINGS	PART No	QTY 8V	QTY 12V	QTY 16V
Shell Set, Main Brg, Std. (Narrow)	5149096	4	6	8
Shell Set, Main Brg, Std. (Wide)	5198615	1	2	2
Shell Set, Main Brg, .0010" (Narrow)	5149111	4	6	8
Shell Set, Main Brg, .0010" (Wide)	5199110	1	2	2
Shell Set, Main Brg, .0020" (Narrow)	5149113	4	6	8
Shell Set, Main Brg, .0020" (Wide)	5199112	1	2	2
Shell Set, Main Brg, .0030" (Narrow)	5149115	4	6	8
Shell Set, Main Brg, .0030" (Wide)	5199114	1	2	2
Washer, Main Brg. Thrust	5138992	4	4	4
Pin, Thrust Main Brg.	141359	4	4	4

CONNECTING ROD BEARINGS	PART No	QTY 8V	QTY 12V	QTY 16V
Shell Set, Connecting Rod Std.	5198547	8	12	16
Shell Set, Connecting Rod .010"	5199105	8	12	16
Shell Set, Connecting Rod .020"	5199106	8	12	16
Shell Set, Connecting Rod .030"	5199107	8	12	16

CAMSHAFT BEARINGS AND RELATED PARTS	PART No	QTY 8V	QTY 12V	QTY 16V
Bearing, Camshaft	5140203	32	48	64
Bearing, Cam Gear	9424926	2	2	2
Bearing, Idler Gear	9424929	3	3	3
Bushing, Blower Drive	5139143	2	2	2

BLOWER KITS	PART No	QTY 8V	QTY 12V	QTY 16V
Blower Repair Kit	23509236	1	2	2
Blower Installation Kit	23500485	1		
Blower Installation Kit	5199524		2	
Blower Installation Kit	5199526			2
Shaft, Blower Drive	5139043	1		1

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DETROIT DIESEL 149 SERIES

CYLINDER HEAD COMPONENTS (Valve Kits)	PART No	QTY 8V	QTY 12V	QTY 16V
Valve Kit (Valve & Locks "J6")	8921205	32	48	96
Valve & Cap Kit (Valve, Spring Cap & Locks "U")	8928729	32	48	96
Valve & Cap Kit (Valve, Spring Cap & Locks "J6")	8926328	32	48	96
Valve Guide	23505104	32	48	96
Valve Stem Seal	5144008	32	48	96
Valve Seat (STD)	5139982	32	48	96
Valve Seat (O/S)	8924798	A/R	A/R	A/R
Valve Spring	23512120	32	48	96
Valve Spring Cap	8925202	32	48	96
Valve Lock	8925203	64	96	192

CYLINDER HEAD COMPONENTS	PART No	QTY 8V	QTY 12V	QTY 16V
Injector Tube Kit	5199528	8	12	16
Injector Rocker Arm Roller	5138378	8	12	16
Injector Rocker Arm Pin	5138656	8	12	16
Injector Rocker Arm Bushing	5138644	8	12	16
Valve Rocker Arm Roller	5138651	16	24	32
Valve Rocker Arm Pin	5138513	16	24	32
Valve Rocker Arm Bushing	5138370	16	24	32
Rocker Arm Button	5138643	24	36	48
Rocker Arm Adjusting Screw	8929607	24	36	48
Rocker Arm Adjusting Screw Jam Nut (3/8-24)	5176830	24	36	48
Bridge	5104243	12	24	32
Bridge Adjusting Screw	5129101	12	24	32
Jam Nut	5151601	12	24	32
THERMOSTATS				
Thermostat (160 Deg.)	23503827	6	6	6

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The **KMP BRAND**
& ALL

DETROIT DIESEL®
Engine Book
in ONE Engine Kit
Programme

DETROIT DIESEL FUEL INJECTORS

INJECTOR ASSY PART No.	APPLICATION	PLUNGER & BUSHING	TIP ASSY	PLUNGER GEAR	SPRING
5229340 (C40)	53 Veh.	5229342	5229034	5226400	5228739
5229345 (C45)	53 Veh.	5229346	5229034	5226400	5228739
5229350 (C50)	53 Veh.	5229354	5229034	5226400	5228739
5229355 (C55)	71 Veh.	5229356	5229026	5226400	5228739
5229360 (C60)	71 Veh.	5229362	5229026	5226400	5228739
5229365 (C65)	71 Veh.	5229366	5229192	5226400	5228739
5229370 (C70)	71 Veh.	5229372	5229192	5226400	5228739
5228795 (M95)	71 & V-71	5228804	5229256	5228802	5228739
5228763 (N40)	53 & 53 Veh.	5228691	5229034	5226400	5228739
5228773 (N45)	53 & 53 Veh.	5228684	5229034	5226400	5228739
5228783 (N50)	53 & 53 Veh.	5228749	5229034	5226400	5228739
5228785 (N55)	53	5228668	5229026	5226400	5228739
5228760 (N60)	71 & V-71	5228656	5229026	5226400	5228739
5228900 (N65)	53 Veh. 71 & V-71	5228928	5229030	5226400	5228739
5226440 (7N65)	71 & V-71	5226298	5229192	5226400	5228739
5228770 (N70)	71 & V-71	5228682	5229192	5226400	5228739
5228777 (N75)	71 & V-71	5228658	5229192	5226400	5228739
5228780 (N80)	71 & V-71	5228661	5229192	5226400	5228739
5228790 (N90)	71 & V-71	5228878	5229256	5228802	5228739
5229920 (5A50)	53 & 53 Veh.	5229921	5229030	5226400	5228739
5229676 (5A55)	53 & 53 Veh.	5228749	5229030	5226400	5228739
5229666 (5A60)	53 & 53 Veh.	5228656	5229030	5226400	5228739
5229690 (7A50)	V-71 Veh.	5229692	5229642	5228802	5228739
5229680 (7A60)	V-71 Veh.	5229644	5229642	5228802	5228739
5229665 (7A65)	V-71 Veh.	5229664	5229636	5228802	5228739
5229670 (7A70)	V-71 Veh.	5229672	5229636	5228802	5228739
5229675 (7A75)	V-71 Veh.	5229638	5229636	5228802	5228739
5229785 (7E50)	V-71 Veh.	5229791	5229026	5226400	5228739
5229790 (7E55)	V-71 Veh.	5229823	5229026	5226400	5228739
5229795 (7E60)	V-71 Veh.	5229814	5229026	5226400	5228739
5229800 (7E65)	V-71 Veh.	5229782	5229030	5226400	5228739
5229855 (7E70)	V-71 Veh.	5229188	5229806	5228802	5228739
5229820 (7E75)	V-71 & 71 Veh.	5229808	5229642	5226400	5228739
5229895 (7G65)	V-71	5229916	5229636	5226400	5228739
5229900 (7G70)	71 Veh.	5229912	5229636	5226400	5228739
5229905 (7G75)	71 Veh.	5229884	5229636	5226400	5228739
5229410 (9200)	V-71 & V-92	5229298	5229184	5228802	5228739
5229985 (9210)	V-71 & V-92	5229298	5229184	5228802	5229518
5229715 (9215)	V-71 & V-92	5229657	5229184	5228802	5229518
5229845 (9225)	V-71 & V-92	5229657	5229184	5228802	5229518
5229170 (9270)	V-92	5229188	5229184	5228802	5228739
5229380 (9275)	V-92	5229282	5229184	5228802	5228739
5229180 (9280)	V-92	5229181	5229184	5228802	5228739
5229400 (9285)	V-92	5229278	5229184	5228802	5228739
5229405 (9290)	V-92	5229292	5229184	5228802	5228739
5229395 (9295)	V-92	5229268	5229184	5228802	5228739

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DETROIT DIESEL FUEL INJECTOR

INJECTOR ASSY PART No.	APPLICATION	PLUNGER & BUSHING	TIP ASSY	PLUNGER GEAR	SPRING
5229620 (9A80)	V-92	5229181	5229622	5228802	5228739
5229625 (9A85)	V-92	5229278	5229622	5228802	5228739
5229630 (9A90)	V-92	5229292	5229622	5228802	5228739
5229855 (9B70)	V-92	5229188	5229806	5228802	5228739
5229860 (9B75)	V-92	5229282	5229806	5228802	5228739
5229805 (9B80)	V-92	5229181	5229806	5228802	5228739
5229815 (9B85)	V-92	5229278	5229806	5228802	5228739
5229810 (9B90)	V-92	5229292	5229806	5228802	5228739
5229870 (9C70)	V-92	5229857	5229806	5228802	5228739
5229875 (9C75)	V-92	5229861	5229806	5228802	5228739
5229880 (9C80)	V-92	5229864	5229806	5228802	5228739
5229885 (9C85)	V-92	5229868	5229806	5228802	5228739
5229890 (9C90)	V-92	5229872	5229806	5228802	5228739
5229970 (9E65)	V-71 & V-92	5229912	5229642	5226400	5228739
5229975 (9E70)	V-92	5229884	5229642	5226400	5228739
5226525 (9E95)	V-92	5226338	5229622	5228802	5228739
5226425 (9G75)	V-71 & V-92	5226434	5226442	5226400	5228739
5226410 (9G85)	V-92	5226474	5226438	5228802	5228739
5229410 (9G90)	V-92	5226338	5226438	5228802	5228739

Common Injector Parts

Service Kit, Injector (incl. the following)	5229649
Ring, Injector Seal	5234281
Element, Injector Filter (2)	5228587
Gasket, Injector Filter (2)	5226186
Cap, Injector Shipping (2)	5226414
Body, Injector	5228583
Nut, Injector Valve	5228601
Deflector, Injector Spill	5228109
Follower, Injector	5228104
Rack, Injector	5226719
Retainer, Injector Gear	5228586
Valve, Injector Check	5228694
Cage, Injector Check Valve	5228696
Valve Kit (incl. the following)	5228769
Spring, Injector Valve	5228596
Seat, Injector Valve Spring	5228766
Cage, Injector Valve Spring	5228594

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DETROIT DIESEL FUEL INJECTORS

INJECTOR ASSY PART No.	APPLICATION	INJ. TYPE
R5234785	60 SERIES	2
R5234795	60 SERIES	2
R5234860	60 SERIES	2
R5234865	60 SERIES	2
R5234870	60 SERIES	2
R5234935	60 SERIES	2
R5234940	60 SERIES	2
R5234945	60 SERIES	2
R5234970	60 SERIES	2
R5235550	60 SERIES	3
R5235575	60 SERIES	3
R5235580	60 SERIES	3
R5235600	60 SERIES	3
R5235605	60 SERIES	3
R5235695	60 SERIES	3
R5235915	60 SERIES	3
R5236347	60 SERIES	4
R5236952	60 SERIES	4
R5236977	60 SERIES	4
R5236978	60 SERIES	4
R5236995	60 SERIES	4
R5237014	60 SERIES	4
R5237026	60 SERIES	4
R5237045	60 SERIES	4
R5237099	60 SERIES	4
R5237315	60 SERIES	4
R5237320	60 SERIES	4
R5237334	60 SERIES	4
R5237466	60 SERIES	4
R5237473	60 SERIES	4
R5237489	60 SERIES	4
R5237635	60 SERIES	4
R5237650	60 SERIES	4
R5237683	60 SERIES	4
R5237784	60 SERIES	4
R5237785	60 SERIES	4
R5237820	60 SERIES	4
R5237821	60 SERIES	4

Common Injector Parts

Seal Kit, Injector	KMPS60INJ
O` Ring, Injector Seal	5234702
O` Ring, Injector Seal	5234699
Upper Auxiliary Seal	5104701
Lower Auxiliary Seal	23511870

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