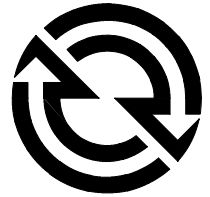


Engine Parts

DETROIT DIESEL



Engine

Generator Model:

200-275 kW

Engine Series:

60

Engine Model:

6063GKG5

GENERAL INFORMATION

This customized parts catalog contains information specific to the customer serial number. All engine components in this catalog are divided into major groups of functionally related parts. A listing of the groups and their sub-groups appears under "Group Nomenclature" of this section.

The Alphabetical Index is particularly helpful when only a part name is known and the group can not readily be determined. Parts are listed alphabetically by noun name, followed by a description of the application of the part and the final group location.

Unlike the normal parts catalog this book does not contain types. The listing of parts is separated only by a group identification (e.g. 1.1000 for cylinder blocks). Components of major assemblies will follow the assembly. The order in which parts are listed is the same as the normal parts catalog.

Also included in the last pages of this catalog is a listing of various supplies required to maintain your engine.

The data in this publication is based on information known to Detroit Diesel at the time of printing. While every care and effort has been taken to ensure the accuracy of all information, engine modifications or subsequent engineering changes or enhancements may cause certain data to be superseded or rendered obsolete. Detroit Diesel reserves the right to make changes to this catalog at any time without notice.

If additional assistance is needed please contact your authorized Detroit Diesel service outlet.

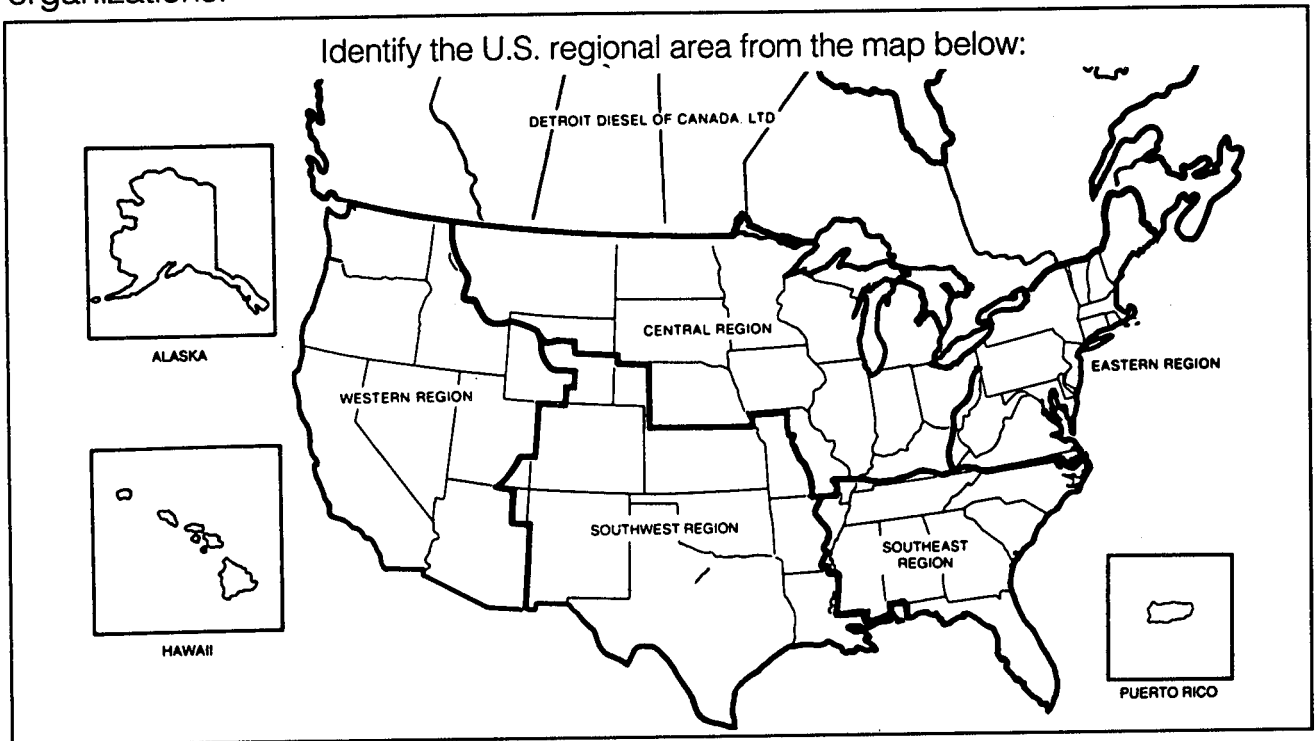
IMPORTANT ENGINE INFORMATION

Your engine serial number should be kept readily available. It can be used to identify your model as well as ALL service parts including kits, sets, warranty information and extended coverage available.

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The satisfaction and goodwill of the owners of Detroit Diesel engines are of primary concern to Detroit Diesel Corporation and its distributor/dealer organizations.

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DETROIT DIESEL

Custom Parts Catalog

ENGINE DESCRIPTION

SERIES NUMBER: 60
MODEL NUMBER: 6063GKG5

GROUP NOMENCLATURE

1.0000	ENGINE (less major assemblies)
1.1000	Cylinder Block
1.2000	Cylinder Head
1.2000A	Engine Lifter Bracket
1.3000	Crankshaft
1.3000A	Crankshaft Front Cover
1.3000B	Vibration Damper
1.3000C	Crankshaft Pulley
1.3000D	Crankshaft Pulley Belt
1.4000A	Flywheel
1.5000A	Flywheel Housing
1.6000	Connecting Rod and Piston
1.7000	Camshaft and Gear Train
1.7000B	Accessory Drive
1.8000	Valve and Injector Operating Mechanism
1.8000A	Rocker Cover
2.0000	FUEL SYSTEM
2.1000A	Fuel Injector
2.1000B	Electronic Injector Controls
2.2000	Fuel Pump
2.3000A	Fuel Filter and Strainer
2.5000A	Fuel Lines and Fuel Cooler
3.0000	AIR SYSTEM
3.3000C	AirIntake Manifold
3.5000A	Turbocharger, Intercooler, and Aftercooler
4.0000	LUBRICATING SYSTEM
4.1000A	Oil Pump
4.1000B	Oil Distribution System
4.1000C	Oil Pressure Regulator
4.2000A	Oil Filter
4.4000A	Oil Cooler
4.5000A	Oil Filler Cover
4.6000A	Dipstick
4.7000A	Oil Pan
4.8000A	Ventilating System
5.0000	COOLING SYSTEM
5.1000	Fresh Water Pump
5.1000A	Fresh Water Pump Cover
5.2000B	Thermostat
5.2000C	Water Bypass Tube
5.3000B	Water Connections
5.4000A	Fan Support
6.0000	EXHAUST SYSTEM
6.1000A	Exhaust Manifold and/or Connections
7.0000	ELECTRICAL—INSTRUMENTS
7.1000A	Battery Charging Generator Bracket
7.3000A	Starting Motor
7.4000B	Tachometer Drive
11.0000	ENGINE MOUNTING
11.1000A	Engine Mounting and Base
12.0000	MISCELLANEOUS
12.4000A	Air Compressor
12.5000A	Hydraulic Pump
12.8000A	Supplies
12.8000B	Fabrication Material
12.8000C	Miscellaneous Service Kits and Sets

JULY 1991

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ALPHABETICAL INDEX

PART NAME	GROUP NO.	PART NAME	GROUP NO.
A		C	
ACCESSORY DRIVE	1. 7000B	CLAMP, BREATHER TUBE	4. 8039
ADAPTOR KIT, POWER TAKE OFF	1. 3281	CLAMP, INJECTOR	2. 1270
ADAPTOR, DIPSTICK	4. 6030	CLAMP, WATER FILTER INLET HOSE	5. 7095
ADAPTOR, HYDRAULIC PUMP	12.5020	CLIP, AIR COMPRESSOR WATER TUBE	12.4095
ADAPTOR, OIL COOLER	4. 4110	CLIP, BREATHER TUBE	4. 8040
ADAPTOR, OIL FILTER COVER	4. 2291	CLIP, COLD PLATE TO FILTER HOSE	2. 5121
ADAPTOR, TACHOMETER DRIVE CABLE	7. 4420	CLIP, CYLINDER HEAD INLET	2. 5180
AIR CLEANER AND/OR ADAPTOR	3. 1000A	CLIP, DIPSTICK	4. 6040
AIR COMPRESSOR	12.4000A	CLIP, FLEXIBLE HOSE	12.8554
AIR INTAKE MANIFOLD	3. 3000C	CLIP, OIL FILTER LINE	4. 3045
AIR NTAKE MANIFOLD	3. 3801	CLIP, STRAINER TO FUEL PUMP	2. 5070
ARM ASSY., EXHAUST VALVE ROCKER	1. 8060	CLIP, TURBOCHARGER OIL RETURN TUBE	3. 5507
ARM ASSY., INJECTOR ROCKER	1. 8080	CLIP, TURBOCHARGER OIL SUPPLY TUBE	3. 5502
ARM ASSY., INTAKE VALVE ROCKER	1. 8075	CLIP, WATER BYPASS TUBE	5. 2190
B		CLIP, WATER PUMP TO OIL COOLER TUBE	5. 3405
BALL AND SEAT ASSY., INJECTOR ROCKER		COMPRESSOR ASSY., AIR	12.4001
ARM	1. 8090	CONNECTING ROD AND PISTON	1. 6000
BATTERY CHARGING GENERATOR	7. 1000A	CONNECTING ROD ASSY.	1. 6001
BEARING, ACCESSORY DRIVE	1. 7655	CONNECTOR, PERIPHERAL	2. 1580
BEARING, AIR COMPRESSOR DRIVE SHAFT	12.4048	CORE, OIL COOLER ENGINE	4. 4001
BEARING, CAMSHAFT	1. 7040	COUPLING, AIR COMPRESSOR DRIVE	12.4050
BEARING, FAN SPINDLE	5. 4111	COUPLING, FUEL PUMP DRIVE	2. 2230
BEARING, FRESH WATER PUMP	5. 1070	COUPLING, HYDRAULIC PUMP DRIVE	12.5010
BEARING, FUEL PUMP	2. 2060	COVER ASSY., ROCKER	1. 8450
BEARING, IDLER GEAR	1. 7225	COVER, AIR COMPRESSOR DRIVE ADAPTOR	12.4032
BEARING, PISTON PIN	1. 6142	COVER, CAMSHAFT BEARING CAP	1. 7037
BELT, CRANKSHAFT PULLEY DRIVE	1. 3320	COVER, ENGINE FRONT ACCESSORY DRIVE	1. 3191
BELT, GENERATOR DRIVE	7. 1575	COVER, FRESH WATER PUMP BODY	5. 1031
BLADE, FAN HIGH LOW AND CRANKSHAFT		COVER, FUEL FILTER	2. 3390
MOUNTED	5. 4010	COVER, FUEL PUMP	2. 2030
BLOCK, CYLINDER	1. 1001	COVER, FUEL STRAINER	2. 3080
BODY, FRESH WATER PUMP	5. 1030	COVER, GEAR CASE	1. 3158
BODY, FUEL PUMP	2. 2010	COVER, INJECTOR HARNESS	2. 1702
BODY, OIL PRESSURE REGULATOR AND RELIEF	4. 1680	COVER, OIL FILLER HOLE	4. 5070
BODY, OIL PUMP	4. 1040	COVER, OIL PUMP	4. 1220
BOLT, CAMSHAFT BEARING CAP	1. 7046	COVER, TACHOMETER DRIVE	7. 4445
BOLT, CRANKSHAFT MAIN BEARING CAP	1. 3140	COVER, THERMOSTAT HOUSING	5. 2120
BOLT, EXHAUST MANIFOLD TO HEAD	6. 1025	COVER, WATER FILTER	5. 7034
BOLT, ROCKER COVER	1. 8460	COVER, WATER PUMP	5. 1235
BRACKET, AIR COMPRESSOR MOUNTING	12.4010	CRANKSHAFT ASSY.	1. 3001
BRACKET, BREATHER EXTENSION PIPE	4. 8183	CRANKSHAFT FRONT COVER	1. 3000A
BRACKET, ELECTRONIC DISTRIBUTOR UNIT	2. 1530	CRANKSHAFT PULLEY	1. 3000C
BRACKET, ENGINE LIFTER - REAR	1. 2080	CRANKSHAFT PULLEY BELT	1. 3000D
BRACKET, ENGINE LIFTER-FRONT	1. 2070	CRANKSHAFT, OIL SEALS AND STABILIZERS	1. 3000
BRACKET, GENERATOR MOUNTING	7. 1595	CYLINDER BLOCK	1. 1000
BRACKET, OIL COOLER HOUSING SUPPORT	4. 4100	CYLINDER HEAD	1. 2000
BRACKET, OIL PUMP SCREEN SUPPORT	4. 1540	CYLINDER KIT	1. 6182
BUSHING, INJECTOR ROCKER ARM	1. 8110	D	
BUSHING, OIL PUMP BODY	4. 1050	DAMPER, VIBRATION	1. 3210
C		DIPSTICK	4. 6000A
CAMSHAFT AND GEAR TRAIN	1. 7000	DIPSTICK	4. 6001
CAMSHAFT ASSY.	1. 7001	DISC, FLYWHEEL FLEXIBLE COUPLING	1. 4075
CAP, CRANKSHAFT MAIN BEARING	1. 3110	DRIVE ASSY., ACCESSORY	1. 7600
CAP, CAMSHAFT BEARING	1. 7042	DRIVE ASSY., AIR COMPRESSOR	12.4030
CAP, OIL FILLER	4. 5010	DRIVE ASSY., FUEL PUMP	2. 2240
CHAIN, OIL FILLER CAP	4. 5030	DRIVE GEAR, AIR COMPRESSOR DRIVE ASSY.	12.4072
CLAMP, AIR INLET PIPE HOSE	3. 1280		

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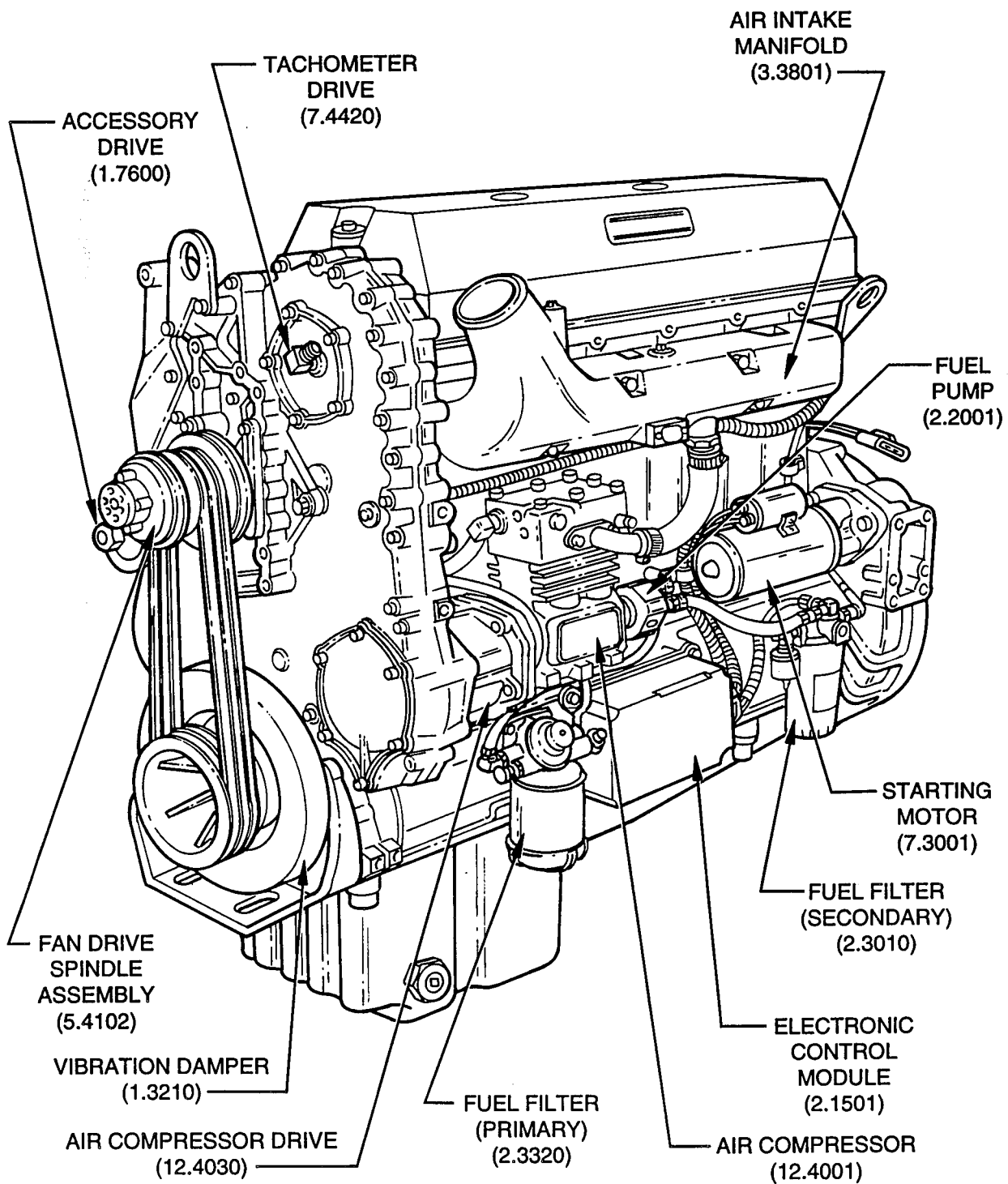
PART NAME	GROUP NO.	PART NAME	GROUP NO.
E		G	
ELBOW, TURBOCHARGER AIR INLET	3. 1259	GEAR ASSY., IDLER	1. 7220
ELEMENT, FUEL FILTER	2. 3320	GEAR, ACCESSORY DRIVE SHAFT	1. 7642
ELEMENT, FUEL STRAINER	2. 3010	GEAR, CAMSHAFT AND BALANCE SHAFT	1. 7200
ELEMENT, OIL FILTER	4. 2250	GEAR, CRANKSHAFT TIMING	1. 3145
ENGINE MOUNTING BASE	11. 1000A	GEAR, FLYWHEEL RING	1. 4010
ENGINE, LIFTER BRACKET	1. 2000A	GEAR, FRESH WATER PUMP DRIVE	5. 1190
EXHAUST MANIFOLD AND/OR CONNECTIONS	6. 1000A	GEAR, FUEL PUMP DRIVE	2. 2087
F		GEAR, FUEL PUMP DRIVE	2. 2255
FABRICATION MATERIAL	12. 8000B	GEAR, FUEL PUMP DRIVEN	2. 2088
FAN	5. 4000A	GEAR, HYDRAULIC PUMP DRIVE	12. 5030
FILTER ASSY., WATER	5. 7001	GEAR, IDLER	1. 7222
FILTER UNIT, BREATHER	4. 8060	GEAR, OIL PUMP DRIVE	4. 1090
FITTINGS, FLEXIBLE HOSE END	12. 8552	GENERATOR ASSY.	7. 1001
FLYWHEEL	1. 4000A	GUIDE, DIPSTICK	4. 6020
FLYWHEEL ASSY.	1. 4001	GUIDE, EXHAUST VALVE	1. 8320
FLYWHEEL HOUSING	1. 5000A	H	
FRESH WATER PUMP	5. 1000	HARNESS, ELECTRONIC DISTRIBUTOR UNIT TO	
FRESH WATER PUMP COVER	5. 1000A	INJECTOR	2. 1700
FUEL FILTER AND STRAINER	2. 3000A	HARNESS, ENGINE SENSORS TO DISCONNECT	2. 1720
FUEL INJECTOR	2. 1000A	HEAD ASSY., CYLINDER	1. 2001
FUEL LINES AND FUEL COOLER	2. 5000A	HOSE, COLD PLATE TO FILTER	2. 5116
FUEL PUMP	2. 2000	HOSE, COLD PLATE TO FUEL FILTER	2. 5117
G		HOSE, FILTER TO CYLINDER HEAD	2. 5160
GASKET KIT, CYLINDER HEAD OVERHAUL	1. 2002	HOSE, FLEXIBLE (BULK)	12. 8550
GASKET KIT, ENGINE OVERHAUL	1. 1002	HOSE, FUEL DRAIN	2. 5215
GASKET, ADAPTOR TO OIL COOLER HOUSING	4. 4112	HOSE, FUEL PUMP INLET	2. 5060
GASKET, AIR COMPRESSOR DRIVE HOUSING	12. 4039	HOSE, FUEL PUMP OUTLET TO COLD PLATE	2. 5115
GASKET, AIR COMPRESSOR MOUNTING	12. 4005	HOSE, FUEL PUMP OUTLET TO FILTER	2. 5110
GASKET, BREATHER SHELL COVER	4. 8057	HOSE, WATER BYPASS TUBE	5. 2165
GASKET, CYLINDER HEAD COMPRESSION	1. 2010	HOSE, WATER FILTER INLET	5. 7090
GASKET, ENGINE FRONT ACCESSORY DRIVE	1. 3192	HOSE, WATER FILTER OUTLET	5. 7100
GASKET, EXHAUST MANIFOLD	6. 1010	HOSE, WATER PUMP TO OIL COOLER	5. 3401
GASKET, FRESH WATER PUMP	5. 1010	HOUSING ASSY, TURBOCHARGER	
GASKET, FRESH WATER PUMP BODY COVER	5. 1032	INTERMEDIATE	3. 5018
GASKET, FUEL PUMP COVER	2. 2040	HOUSING ASSY., FLYWHEEL	1. 5001
GASKET, FUEL PUMP TO ENGINE OR DRIVE		HOUSING ASSY., GEAR CASE	1. 3156
ASSY.	2. 2007	HOUSING, ACCESSORY DRIVE	1. 7627
GASKET, FUEL PUMP VALVE PLUG	2. 2180	HOUSING, AIR COMPRESSOR DRIVE	12. 4036
GASKET, HYDRAULIC PUMP	12. 5005	HOUSING, FAN DRIVE SPINDLE	5. 4103
GASKET, OIL COOLER ADAPTOR TO BLOCK	4. 4115	HOUSING, OIL COOLER-ENGINE	4. 4050
GASKET, OIL COOLER CORE-INNER	4. 4030	HOUSING, OIL TRANSFER COOLER-FILTER	
GASKET, OIL COOLER CORE-OUTER	4. 4040	ADAPTOR	4. 4053
GASKET, OIL COOLER HOUSING	4. 4055	HOUSING, TURBOCHARGER COMPRESSOR	3. 5022
GASKET, OIL FILLER HOLE COVER	4. 5080	HOUSING, TURBOCHARGER TURBINE	3. 5003
GASKET, OIL FILLER TUBE ADAPTOR	4. 5007	HUB, ADJUSTABLE IDLER GEAR	1. 7255
GASKET, OIL PAN TO BLOCK	4. 7030	HUB, AIR COMPRESSOR	12. 4040
GASKET, OIL PRESSURE REGULATOR BODY	4. 1730	HUB, CAMSHAFT GEAR	1. 7206
GASKET, OIL PUMP INLET PIPE	4. 1520	HUB, FLYWHEEL FLEXIBLE COUPLING	1. 4080
GASKET, OIL PUMP OUTLET PIPE	4. 1590	HUB, FUEL PUMP DRIVE GEAR	2. 2292
GASKET, ROCKER COVER	1. 8455	HUB, IDLER GEAR	1. 7250
GASKET, STARTING MOTOR	7. 3004	HUB, IDLER GEAR BEARING	1. 7228
GASKET, TACHOMETER DRIVE COVER	7. 4447	HYDRAULIC PUMP	12. 5000A
GASKET, TURBOCHARGER EXHAUST INLET		I	
CONNECTION	3. 5307	IMPELLER, FRESH WATER PUMP	5. 1110
GASKET, TURBOCHARGER OIL RETURN TUBE	3. 5506	INJECTOR ASSY.	2. 1001
GASKET, WATER PUMP COVER	5. 1236	INJECTOR CONTROLS ELECTRONIC	2. 1000B
GEAR ASSY., ADJUSTABLE CAMSHAFT IDLER	1. 7221	INSERT, EXHAUST VALVE	1. 8330

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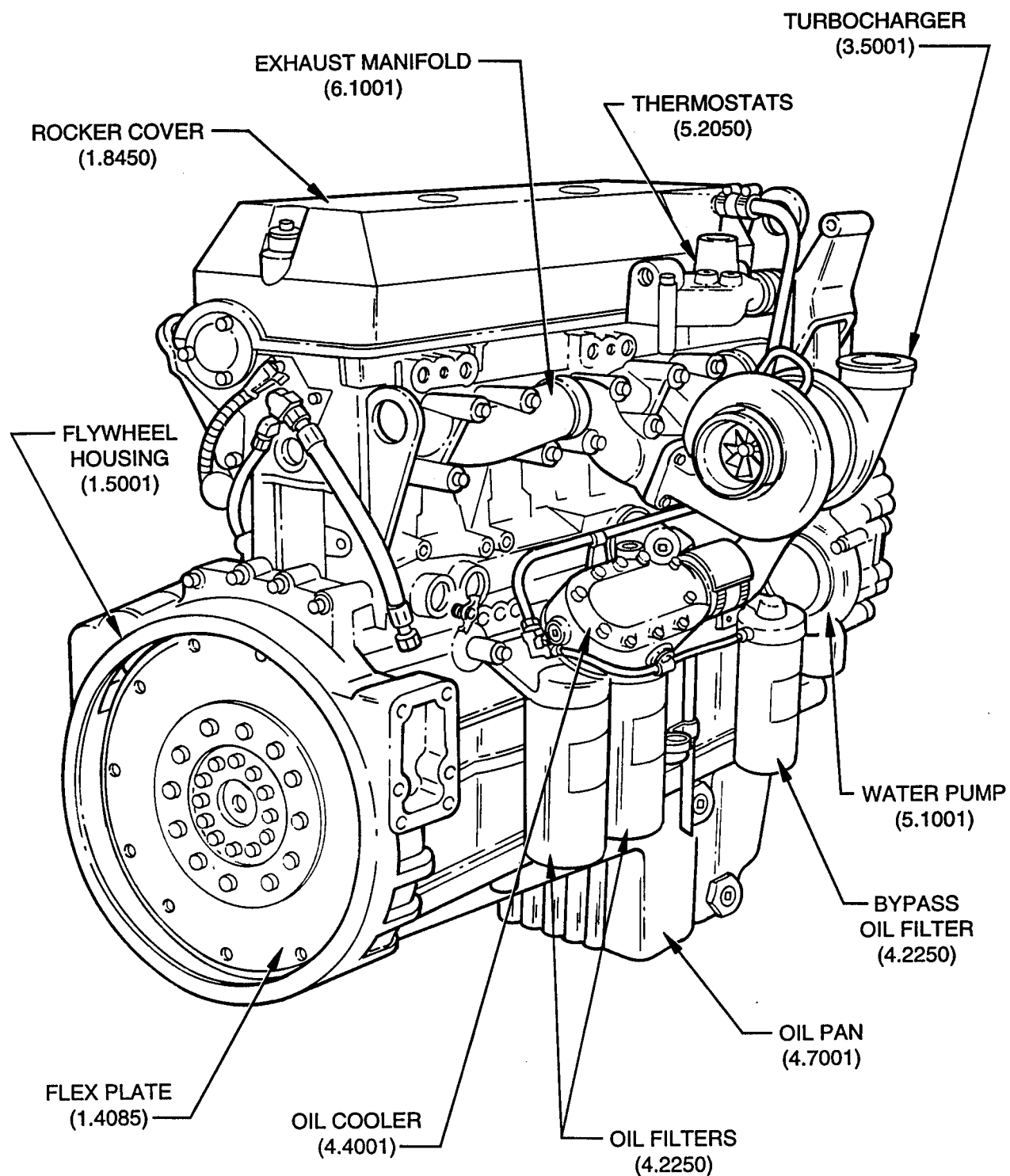
PART NAME	GROUP NO.	PART NAME	GROUP NO.
I		P	
ISOLATOR, ROCKER COVER BOLT	1. 8461	PROM AND CARRIER ASSY., ELECTRONIC CONTROL	2. 1505
J		PULLEY AND HUB ASSY., FAN	5. 4015
JACOBS BRAKE CYLINDER	1. 8070	PULLEY, ACCESSORY DRIVE	1. 7605
K		PULLEY, CRANKSHAFT	1. 3280
KIT, COOLANT LEVEL SENSOR	2. 1670	PUMP ASSY., FRESH WATER	5. 1001
KIT, CYLINDER LINER AND SEALS	1. 6181	PUMP ASSY., FUEL	2. 2001
KIT, JACOBS BRAKE FIELD RETROFIT	1. 8073	PUMP ASSY., OIL	4. 1001
KIT, REPOWER CONNECTOR AND TERMINAL	2. 1755	R	
KITS, SERVICE (ALL)	12.8715	RECONDITIONING KIT, FRESH WATER PUMP	5. 1002
L		REGULATOR, OIL PRESSURE	4. 1670
LOCK, EXHAUST VALVE SPRING	1. 8370	RELIEF, VALVE OIL PRESSURE	4. 1671
LOCKRING, ACCESSORY DRIVE	1. 7650	REPAIR KIT, CONNECTOR AND SEAL HARNESS	2. 1758
LUBRICATING COMPOUND THREAD	12.8110	REPAIR KIT, HARNESS TERMINAL	2. 1757
M		RETAINER, BREATHER PAD	4. 8065
MANIFOLD, EXHAUST	6. 1001	RETAINER, CAMSHAFT AND ACCESSORY GEAR	1. 7240
MODULE ASSY., ELECTRONIC CONTROL (ECM)	2. 1501	RETAINER, FRESH WATER PUMP BEARING AND SEAL	5. 1071
MODULE, ELECTRONIC DISTRIBUTOR UNIT (EDU)	2. 1510	RING SET, PISTON	1. 6115
MOTOR ASSY., STARTING	7. 3001	RING, INJECTOR HOLE TUBE SEAL	1. 2046
O		RING, INJECTOR SEAL	2. 1040
OIL COOLER	4. 4000A	RING, PISTON COMPRESSION	1. 6120
OIL DISTRIBUTION SYSTEM	4. 1000B	RING, PISTON OIL CONTROL	1. 6130
OIL FILLER	4. 5000A	ROCKER COVER	1. 8000A
OIL FILTER	4. 2000A	ROD, PUSH	1. 8180
OIL FILTER LINES	4. 3000A	ROTATOR, VALVE	1. 8365
OIL PAN	4. 7000A	S	
OIL PRESSURE REGULATOR	4. 1000C	SCREW, ROCKER ARM ADJUSTING	1. 8135
OIL PUMP	4. 1000A	SEAL, ACCESSORY DRIVE OIL	1. 7660
OVERHAUL KIT, FUEL PUMP	2. 2004	SEAL, CAMSHAFT THRUST PLATE	1. 7075
OVERHAUL KIT, OIL PUMP	4. 1003	SEAL, CRANKSHAFT OIL	1. 5004
P		SEAL, CRANKSHAFT OIL FRONT	1. 3166
PAINT, ENGINE TOUCH-UP	12.8001	SEAL, CRANKSHAFT OIL-FRONT	1. 3040
PAN, OIL	4. 7001	SEAL, CRANKSHAFT OIL-REAR	1. 3060
PIN, ALIGNMENT	2. 2012	SEAL, CYLINDER LINER	1. 6190
PIN, PISTON	1. 6140	SEAL, FAN SPINDLE	5. 4160
PIPE ASSY., BREATHER	4. 8001	SEAL, FRESH WATER PUMP	5. 1130
PIPE, OIL PUMP INLET	4. 1510	SEAL, FUEL PUMP OIL	2. 2070
PIPE, OIL PUMP OUTLET	4. 1580	SEAL, THERMOSTAT	5. 2060
PISTON KIT	1. 6110	SEALANT, RTV	12.8255
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD	2. 1520	SEAT, EXHAUST VALVE SPRING	1. 8360
PLATE, CAM AND BALANCE SHAFT THRUST	1. 7070	SEAT, OIL PRESSURE REGULATOR	4. 1701
PLATE, FLYWHEEL FLEXIBLE COUPLING	1. 4085	SENSOR, AIR INTAKE	3. 3810
PLUG, FUEL PUMP VALVE	2. 2170	SENSOR, COOLANT LEVEL	2. 1665
PLUG, OIL COOLER BYPASS VALVE	4. 4160	SENSOR, MAG. CRANKSHAFT	2. 1620
PLUG, OIL PAN DRAIN	4. 7080	SENSOR, MAG. IDLER	2. 1610
		SENSOR, OIL AND AIR TEMPERATURE	2. 1630
		SENSOR, OIL PRESSURE	2. 1600
		SERVICE KIT, INJECTOR	2. 1002
		SERVICE KITS AND SETS	12.8000C
		SETS, SERVICE (ALL)	12.8720
		SHAFT AND GEAR ASSY., OIL PUMP DRIVE	4. 1065
		SHAFT AND GEAR ASSY., OIL PUMP DRIVEN	4. 1075
		SHAFT ASSY., FRESH WATER PUMP	5. 1050
		SHAFT ASSY., ROCKER	1. 8160
		SHAFT, ACCESSORY DRIVE	1. 7640
		SHAFT, AIR COMPRESSOR DRIVE	12.4047

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PART NAME	GROUP NO.	PART NAME	GROUP NO.
S		T	
SHAFT, FUEL PUMP DRIVE	.2. 2093	THERMOSTAT, LUBE OIL	.4. 2288
SHAFT, FUEL PUMP DRIVEN	.2. 2089	TUBE, AIR COMPRESSOR BOOSTER	.12.4375
SHAFT, TACHOMETER DRIVE	.7. 4435	TUBE, AIR COMPRESSOR LUBE OIL SUPPLY	.12.4065
SHELL, BREATHER	.4. 8055	TUBE, AIR COMPRESSOR WATER INLET	.12.4085
SHELL, CONNECTING ROD BEARING	.1. 6100	TUBE, AIR COMPRESSOR WATER OUTLET	.12.4090
SHELL, CRANKSHAFT MAIN BEARING	.1. 3090	TUBE, INJECTOR HOLE	.1. 2045
SHIELDING, FLEXIBLE HOSE	.2. 5255	TUBE, OIL FILLER	.4. 5001
SHIM, OIL PUMP	.4. 1030	TUBE, OIL FILTER INLET	.4. 3001
SLEEVE, CRANKSHAFT OIL SEAL	.1. 3167	TUBE, OIL FILTER OUTLET	.4. 3020
SLEEVE, CRANKSHAFT REAR OIL SEAL	.1. 3066	TUBE, TURBOCHARGER OIL RETURN	.3. 5505
SLEEVE, CRANKSHAFT REAR OIL SEAL	.1. 5012	TUBE, TURBOCHARGER OIL SUPPLY	.3. 5500
SPACER, IDLER GEAR BEARING	.1. 7226	TUBE, WATER BYPASS	.5. 2160
SPACER, PULLEY	.5. 4018	TUBE, WATER PUMP TO OIL COOLER	.5. 3400
SPACER, ROCKER SHAFT	.1. 8173	TURBOCHARGER	.3. 5000A
SPACER, VIBRATION DAMPER	.1. 3275	TURBOCHARGER	.3. 5001
SPINDLE ASSY., FAN DRIVE	.5. 4102		
SPRING, EXHAUST VALVE	.1. 8340	V	
SPRING, FUEL PUMP VALVE RETAINING	.2. 2160	VALVE AND INJECTOR OPERATING	
SPRING, OIL COOLER BYPASS VALVE	.4. 4150	MECHANISM	.1. 8000
SPRING, OIL FILTER BYPASS VALVE	.4. 2486	VALVE ASSY., FUEL PUMP	.2. 2130
SPRING, OIL PRESSURE REGULATOR	.4. 1690	VALVE, EXHAUST	.1. 8310
STARTING MOTOR	.7. 3000A	VALVE, FUEL SUPPLY CHECK	.2. 5006
STRAINER, AIR COMPRESSOR ON		VALVE, INTAKE	.1. 8315
COMPRESSOR	.12.4300	VALVE, OIL COOLER BYPASS	.4. 4140
STRAINER, OIL FILLER TUBE	.4. 5020	VALVE, OIL FILTER BYPASS	.4. 2485
STRAP, GENERATOR ADJUSTING	.7. 1580	VALVE, OIL PRESSURE REGULATOR	.4. 1700
STUD, EXHAUST MANIFOLD TO		VENTILATING SYSTEM	.4. 8000A
TURBOCHARGER	.6. 1022	VIBRATION DAMPER	.1. 3000B
SUPPLIES	.12.8000A		
SUPPORT, ENGINE FRONT	.11.1070	W	
SUPPORT, FAN MOUNTING	.5. 4025	WASHER, CRANKSHAFT MAIN BEARING	
SUPPORT, OIL FILTER MOUNTING	.4. 2470	THRUST	.1. 3100
T		WATER BYPASS TUBE	.5. 2000C
TACHOMETER DRIVE	.7. 4000B	WATER CONNECTIONS	.5. 3000B
THERMOSTAT	.5. 2000B	WATER FILTER	.5. 7000A
THERMOSTAT ASSY.	.5. 2050		



TYPICAL SERIES 60 ENGINE



TYPICAL SERIES 60 ENGINE

**DETROIT DIESEL
CUSTOM PARTS CATALOG 09/26/96**

PART #	NAME AND DESCRIPTION	QUANTITY
1.1000 - CYLINDER BLOCK		
BLOCK, CYLINDER		
FOR COMPONENTS OF CYLINDER BLOCK ASSEMBLY REFER TO ASSEMBLY BREAKDOWN PAGE A1		
23517417	BLOCK ASSY. (ADAPTORLESS AIR COMP)	1
BLOCK, CYLINDER		
23511572	PLUG, 1/2" NPTF SQ. SOC. (12.9550)	2
5139988	PLUG, CUP 1" DIA. STNLS.	2
5139991	PLUG, 1-1/2" CUP (1.1001)	5
5151272	PLUG, 11/32" SPECIAL (1.8160)	1
8922327	PLUG, 1/4" NPTF (12.9550)	2
8924517	PLUG, 3/8"-18 SQ. SOC. VIBRA SEAL (12.9550)	3
8929015	DOWEL PIN, 16 MM., CIRCULAR (1.1001)	1
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	2
8929124	BOLT, M20 X 178.0	14
8929125	WASHER, SPECIAL	14
8929152	PIN, DOWEL 20.0 MM CIRCULAR	1
8929153	PIN, DOWEL 20.0 MM DIAMOND	1
8929276	CAP, MAIN BEARING (UNSLOTTED)	7
8929432	PLUG, WEEP HOLE (SPECIAL)	6
8929594	PLUG, 3/8"-18 DIA. PIPE EXT. HEX. SOC.	1
23516104	PLUG PIPE 1/4-18 HEX HD STL CTD RED	1
8922327	PLUG, 1/4" NPTF (12.9550)	4
8929432	PLUG, WEEP HOLE (SPECIAL)	6
23509239	STUD. M12X1.75X34.0	1
8929015	DOWEL PIN, 16 MM., CIRCULAR (1.1001)	1
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	2
8929152	PIN, DOWEL 20.0 MM CIRCULAR	1
8929153	PIN, DOWEL 20.0 MM DIAMOND	1
GASKET KIT, ENGINE OVERHAUL		
A GASKET KIT CONSISTS OF THE NECESSARY GASKETS FOR ONE COMPLETE ENGINE OVERHAUL.		
23512691	GASKET KIT W/SQUARE RING SEALS	AR
1.2000 - CYLINDER HEAD		
HEAD ASSY., CYLINDER		
FOR COMPONENTS OF CYLINDER HEAD ASSEMBLIES REFER TO ASSEMBLY BREAKDOWN PAGE A1.		
23519543	HEAD ASSY.,	1
HEAD ASSY., CYLINDER		
23511572	PLUG, 1/2" NPTF SQ. SOC. (12.9550)	2
23511573	PLUG, 3/4" PIPE SQ. SOC. SCOTCHGRIP	2
23511574	PLUG, 1" PIPE SQ. SOC. SCOTCHGRIP	1
23513197	PLUG, 3/8"-18 PIPE SQ SOC COATED	4
5109157	PLUG, 1-1/4" CUP (5.5001)	11
5139991	PLUG, 1-1/2" CUP (1.1001)	2
8923847	PLUG, PIPE 1/4-18" NPTF	1
8926993	PLUG, FUSE (1/4"-18 RECESSED SOC. HD.)	1
ADAPTOR SPARK PLUG		
23516515	ADAPTOR-SPARK PLUG SST S50G	6
WASHER SPARK PLUG ADAPTOR		
23515927	WASHER-SPARK PLUG ADAP S50 SING	6
RING SPARK PLUG		
23516876	RING-SEAL LWR SPLG ADAP S50G	6
TUBE, INJECTOR HOLE		
23501580	TUBE KIT (INCLUDES SEAL RING IN 1.2046)	6
RING, INJECTOR HOLE TUBE SEAL		
23515470	SEAL RING INJ TUBE GREEN FLUOROCARBON	6
8929123	BOLT, M16 X 2 X 175 (12.9005)	38
8929328	WASHER, 16.8" X 25.8" (12.9190)	38
GASKET KIT, CYLINDER HEAD OVERHAUL		
GASKET KIT CONSISTS OF ALL GASKETS NECESSARY TO REPLACE ONE CYLINDER HEAD.		
23501572	GASKET KIT	AR
GASKET, CYLINDER HEAD COMPRESSION		
23518340	GASKET CYL HEAD	1
1.2000A - ENGINE, LIFTER BRACKET		

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PART #	NAME AND DESCRIPTION	QUANTITY
1.2000A - ENGINE, LIFTER BRACKET		
BRACKET, ENGINE LIFTER-FRONT		
8929754	BRACKET (ITEM 1)	1
11509530	BOLT, M14 X 2.0 X 40 MM	2
BRACKET, ENGINE LIFTER - REAR		
8929408	BRACKET (ITEM 2)	1
23518652	BRACKET ENG LFTR RR LB HD PLATED S60	1
11509528	BOLT, M12 X 1.75 X 30 MM	5
1.3000 - CRANKSHAFT, OIL SEALS AND STABILIZERS		
CRANKSHAFT ASSY.		
NEW CRANKSHAFTS FOR WIDER CONN ROD BEARINGS AND CONN ROD ASSYS. MUST BE USED TOGETHER TO ENSURE INTERCHANGEABILITY.		
23518646	CRANKSHAFT 160 STRKE LRG BRG 8.5 S60G	1
GEAR, CRANKSHAFT TIMING		
23513537	WHEEL, TIMING RING (2.3145)	1
8929497	GEAR, RH, 82T, 133.6MM I.D. 12.7L	1
8929808	KEY, .25"X1.375" (12.9350)	1
1.3000A - CRANKSHAFT FRONT COVER		
HOUSING ASSY., GEAR CASE		
23505050	BOLT, M10 X 1.5 X 85 (12.9001)	5
23511573	PLUG, 3/4" PIPE SQ. SOC. SCOTCHGRIP	1
8922327	PLUG, 1/4" NPTF (12.9550)	1
23511983	HOUSING ASSY., GEAR CASE CAST FUEL PUMP HOLE (INCLUDES 8929333 BOLTS, DOWELS & PLUG IN 1.3156)	1
8929760	SUPPORT (1.3160)	1
8924380	PLUG, 1/8"-27 PIPE (12.9550)	1
8929015	DOWEL PIN, 16 MM., CIRCULAR (1.1001)	1
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
8929740	SEAL, RING .134X.074X.480 I.D. (BLOCK TO GEAR CASE)	1
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	9
11503454	BOLT, M10 X 1.5 X 20.0	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
11513811	BOLT, M12 X 1.75 X 20 MM	1
181333	BOLT, 5/16"-24 X .625"	1
8929333	BOLT, M12 X 1.75 X 65 (SPECIAL)	3
5155596	WASHER, 21/64" SPECIAL COPPER (4.7120)	1
5180370	WASHER, .55" I.D. COPPER (7.4969)	1
COVER, GEAR CASE		
23505876	COVER, FRONT	1
11504986	BOLT, M8 X 1.25 X 14 MM	2
5141452	SEAL, RING (3.4143)	1
8924517	PLUG, 3/8"-18 SQ. SOC. VIBRA SEAL (12.9550)	1
11509523	BOLT, M10 X 1.5 X 55 MM	14
11509525	BOLT, M10 X 1.5 X 110 MM	4
23507422	GUARD, BOLT V18 DMPR & FRT CVR	1
SEAL, CRANKSHAFT OIL FRONT		
23513485	SEAL/SLEEVE ASSY., FRT WRAP-AROUND OVERSIZE	1
COVER, ENGINE FRONT ACCESSORY DRIVE		
23514714	COVER FRT CAMSHF 5 HOLES S60	1
23517382	COVER ACSRY FRONT 6 HOLE	1
8929099	COVER, FRONT ACCESSORY	1
11504822	BOLT, M8 X 1.25 X 30	11
GASKET, ENGINE FRONT ACCESSORY DRIVE		
8929299	GASKET, ACCESSORY FRONT	2
8929130	GASKET, UPPER RIGHT REAR & FRONT CAM ACCESS.	1
1.3000B - VIBRATION DAMPER		
DAMPER, VIBRATION		
8929502	DAMPER, 11L & 12.7L	1

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PART #	NAME AND DESCRIPTION	QUANTITY
1.3000B - VIBRATION DAMPER		
SPACER, VIBRATION DAMPER		
8929527	* SPACER	1
5133981	WASHER, 19/32" (1.1001)	6
8929222	BOLT, 9/16"-18 X 2 1/2"	6
* USE SPACER WHEN CRANKSHAFT PULLEY IS NOT REQUIRED.		
1.3000C - CRANKSHAFT PULLEY		
PULLEY, CRANKSHAFT		
8929077	PULLEY, .188 MM O.D., 4 GROOVE (ITEM 3)	1
8929222	BOLT, 9/16"-18 X 2 1/2"	6
5133981	WASHER, 19/32" (1.1001)	6
ADAPTOR KIT, POWER TAKE OFF		
NOTE: ITEMS IN THIS SECTION MARKED * INDICATE COMPONENTS OF KIT 23504440.		
NOTE: ITEMS IN THIS SECTION MARKED & INDICATE COMPONENTS OF KIT 23504441.		
23504440	ADAPTOR KIT, FRT MOUNTED PTO (SPICER 1310 SERIES)	AR
23504441	ADAPTOR KIT, FRT MOUNTED PTO (SPICER 1350 SERIES)	AR
23504106	PULLEY ASSY., C/S FRT (4 GROOVE, 188.0MM DIA.)	1
ADAPTOR KIT, POWER TAKE OFF		
8920172	DOWEL, CAMSHAFT (1.7200)	1
8920172	DOWEL, CAMSHAFT (1.7200)	1
23504108	HUB ASSY., C/S FRT (SPICER 1350 SERIES)	1
23504122	HUB ASSY., C/S FRT (SPICER 1310 SERIES)	1
145643	BALL, STEEL 3/8"	6
5103522	INSULATOR ASSY.	1
23504112	RETAINER, C/S PULLEY	1
23501274	BOLT, 1"-14X3.50" L	1
8929222	BOLT, 9/16"-18 X 2 1/2"	6
5133981	WASHER, 19/32" (1.1001)	6
1.4000A - FLYWHEEL		
FLYWHEEL ASSY.		
INCLUDES GEAR IN 1.4010. "C" INDICATES A CHAMFERED ASSY.		
23519196	FLYWHEEL ASSY., SAE1 TYPE1 GMHD & 1.76 RED	1
GEAR, FLYWHEEL RING		
5184773	GEAR, SAE #1, 118 TEETH, UNCHAMFERED	1
5100532	PLATE, SCUFF (BEARING RETAINER)	1
9409532	BOLT, 9/16"-18X2" LOCK (12.9001)	12
1.5000A - FLYWHEEL HOUSING		
HOUSING ASSY., FLYWHEEL		
23505124	HOUSING (SAE #1; 8 BOLT MT PAD)	1
HOUSING ASSY., FLYWHEEL		
23514442	PIPE PLUG 1 1/4 7/8 TPR SQ SOCHD	1
5106899	PLUG, 3/4"-16	1
23511574	PLUG, 1" PIPE SQ. SOC. SCOTCHGRIP	1
11500945	BOLT, M12 X 1.75 X 45.0	8
11500950	BOLT, M12 X 1.75 X 90.0	4
23509483	WASHER, 33/64"X1 1/16"X1/8"	12
SEAL, CRANKSHAFT OIL		
23516969	SEAL & SLEV ASM RR CR/SHF TEFLON LIP	1
1.5000B - FLYWHEEL HOUSING ADAPTOR		
ADAPTOR, FLYWHEEL HOUSING		
23519197	SPACER FLYWHL HSG AL 530.23D BC S50G GEN	1
23519495	CAPSCREW 7/16-14X2.00 SOC HD S50G	2
1.6000 - CONNECTING ROD AND PISTON		
CONNECTING ROD ASSY.		
QUANTITIES SHOWN ARE PER CYLINDER. A CROSSHEAD ROD ASSY. INCLUDES A CAP. WH		
ICH IS NOT SOLD SEPARATELY, AND ONLY THOSE ITEMS IN 1.6001.		
NEW CRANKSHAFTS FOR WIDER CONN ROD BEARINGS AND CONN ROD ASSYS. MUST BE USE		
D TOGETHER TO ENSURE INTERCHANGEABILITY.		
23516447	ROD ASSY. 160MM 10:1	1
8929355	BOLT, MJ14 X 1.5 X 108	2

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CUSTOM PARTS CATALOG 09/26/96

PART #	NAME AND DESCRIPTION	QUANTITY
1.6000 - CONNECTING ROD AND PISTON		
8929019	NUT, MJ14X1.5	2
SHELL, CONNECTING ROD BEARING		
A SHELL SET CONSISTS OF ONE (1) UPPER AND ONE (1) LOWER BEARING SHELL. NEW CRANKSHAFTS FOR WIDER CONN ROD BEARINGS AND CONN ROD ASSYS. MUST BE USED TOGETHER TO ENSURE INTERCHANGEABILITY.		
23515581	SHELL SET, STD. (WIDER BEARINGS)	1
23515582	SHELL SET, .254 MM U.S. (WIDER BEARINGS)	AR
23515583	SHELL SET, .508 MM U.S. (WIDER BEARINGS)	AR
23515584	SHELL SET, .762 MM U.S. (WIDER BEARINGS)	AR
PISTON KIT		
A PISTON KIT INCLUDES PISTON ASSY., 3 PC. BUSHING, SKIRT AND PIN IN 1.6140. QUANTITIES SHOWN ARE PER CYLINDER.		
23519644	PISTON KIT, LRG OD DOME & SKIRT 3.5MM RG	1
RING SET, PISTON		
RING SET CONSISTS OF SUFFICIENT RINGS FOR ONE (1) PISTON.		
23518760	KIT RING SET 3.5MM COMP RING	1
RING, PISTON COMPRESSION		
23518373	RING COMP RECT NEG TWIST CR/HD PSTN	1
23504941	RING, TOP (3.5 MM KEYSTONE)	1
RING, PISTON OIL CONTROL		
23515500	RING PSTN OIL CONT CR/HD	1
23515499	EXPANDER	1
PIN, PISTON		
8929087	PIN	1
8929337	BOLT, M14 X 1.5 X 60 12 PT.	2
8929504	SPACER	2
BEARING, PISTON PIN.		
KIT INCLUDES (1) TOP BEARING AND (2) EAR BEARINGS WHICH ARE NOT SERVICED SEPARATELY.		
23519723	KIT BEARING	1
KIT, CYLINDER LINER AND SEALS		
KIT INCLUDES NOT SERVICED SEPARATELY LINER AND SEALS IN 1.6190		
23514285	KIT, CYL. LINER AND SEALS (TLC)	1
CYLINDER KIT		
A KIT INCLUDES ITEMS IN 1.6110, 1.6115, 1.6140 AND 1.6181.		
23519645	CYLINDER KIT, TLC LNR LRG OD DOME 3.5MM	1
SEAL, CYLINDER LINER		
8929013	SEAL, CREVICE	1
23518797	SEAL CYL LINER 'D' TYPE BRI GREEN S60	2
1.7000 - CAMSHAFT AND GEAR TRAIN		
CAMSHAFT ASSY.		
A CAMSHAFT ASSY. INCLUDES DOWEL IN 1.7001.		
R23513564	REMANUFACTURED 23513564	AR
23513564	CAMSHAFT ASSY. 12L	1
8920172	DOWEL, CAMSHAFT (1.7200)	1
COVER, CAMSHAFT BEARING CAP		
23514716	COVER RR CAMSHF S60	1
11509511	BOLT, M8 X 1.25 X 20 MM	3
BEARING, CAMSHAFT		
A BEARING SET CONSISTS OF ONE UPPER AND ONE LOWER BEARING SHELL.		
8929690	BEARING SET (STD.)	7
8929691	BEARING SET, .254 MM O.S.	AR
8929692	BEARING SET, .508 MM O.S.	AR
8929693	BEARING SET, .762 MM O.S.	AR
CAP, CAMSHAFT BEARING		
8929738	CAP, CAMSHAFT BEARING, FRONT (IDENTIFICATION-NO. 1	1
8929870	CAP, CAMSHAFT BEARING, INTERMEDIATE (1.7042)	4

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PART #	NAME AND DESCRIPTION	QUANTITY
1.7000 - CAMSHAFT AND GEAR TRAIN		
8929871	CAP, CAMSHAFT BEARING, CENTER (IDENTIFICATION-NO.	1
8929739	CAP, CAMSHAFT BEARING, REAR (IDENTIFICATION-NO. 7)	1
8929740	SEAL, RING .134X.074X.480 I.D. (BLOCK TO GEAR CASE	2
5138638	* DOWEL, .626"X.37" HOLLOW (4.1040)	7
* FIG. 1 OF 1.2000.		
BOLT, CAMSHAFT BEARING CAP		
8929129	BOLT, M12 X 1.75 X 65	7
PLATE, CAM AND BALANCE SHAFT THRUST		
8929110	PLATE, CAM	1
11504822	BOLT, M8 X 1.25 X 30	2
SEAL, CAMSHAFT THRUST PLATE		
23517334	SEAL, CAM THRUST PLATE TO CYL HEAD	1
8929318	SEAL (GEAR HOUSING)	1
GEAR, CAMSHAFT AND BALANCE SHAFT		
8929379	GEAR 111T	1
HUB, CAMSHAFT GEAR		
8929810	KEY, NON ROCK (12.9350)	1
8929492	HUB	1
23504851	BOLT, M18 X 1.5 X 100 (12.9001)	1
GEAR ASSY., IDLER		
A GEAR AND HUB ASSY. IS SERVICED AS A COMPLETE ASSY. ONLY.		
23513559	GEAR AND HUB ASSY., BULL ACCSY. & CAMSHF DDEC III	1
8929448	BOLT, M12 X 1.75 X 35	4
GEAR ASSY., ADJUSTABLE CAMSHAFT IDLER		
8929322	GEAR ASSY. (INCLUDES BUSHING WHICH IS NOT SERVICED SEPARATELY)	1
HUB, ADJUSTABLE IDLER GEAR		
8929111	HUB	1
11509607	NUT, M12 X 1.75	3
8929336	PLATE, ADJUSTMENT	1
1.7000B - ACCESSORY DRIVE		
DRIVE ASSY., ACCESSORY		
23509200	DRIVE ASSY., 2 GROOVE 120.0 MM PULLEY LRG BRG	1
PULLEY, ACCESSORY DRIVE		
11509584	NUT, LOCK M24 X 3.0	1
8929532	PULLEY, 2 GROOVE 120.0MM	1
HOUSING, ACCESSORY DRIVE		
23509201	HOUSING	1
SHAFT, ACCESSORY DRIVE		
23509202	SHAFT, LRG BRG	1
GEAR, ACCESSORY DRIVE SHAFT		
8929310	GEAR	1
LOCKRING, ACCESSORY DRIVE		
23509204	LOCKRING	1
8929062	LOCKRING	1
BEARING, ACCESSORY DRIVE		
23509203	BEARING, BALL	1
8929024	BEARING ASSY.	1
SEAL, ACCESSORY DRIVE OIL		
8929154	SEAL	1
8929253	SEAL, RING .139" X 4.609" I.D. (2.2280)	1
11504822	BOLT, M8 X 1.25 X 30	5
1.8000 - VALVE AND INJECTOR OPERATING MECHANISM		
ARM ASSY., EXHAUST VALVE ROCKER		
ARM ASSY. INCLUDES BUSHINGS, PINS AND ROLLER ASSY. COMPONENTS NOT SERVICED SEPARATELY.		
8929550	ARM ASSY., EXHAUST	6
8929550	REMANUFACTURED 8929550	AR
9421740	PLUG, CUP 3/16" (12.9320)	12

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PART #	NAME AND DESCRIPTION	QUANTITY
1.8000 - VALVE AND INJECTOR OPERATING MECHANISM		
ARM ASSY., INTAKE VALVE ROCKER		
ARM ASSY. INCLUDES BUSHINGS, PINS AND ROLLER ASSY. COMPONENTS NOT SERVICED SEPARATELY.		
8929544	ARM ASSY., INTAKE	6
R8929544	REMANUFACTURED 8929544	AR
SCREW, ROCKER ARM ADJUSTING		
23505056	KIT, VLV. ADJ SCREW INJ & INTAKE ARMS (INCLUDES IT	AR
	EMS IN 1.8135 MARKED "*" AT A QTY. OF 1)	
8929646	KIT, VLV ADJ. SCREW EXH ARMS (INCLUDES ITEMS IN 1.	AR
	8135 MARKED "=" AT A QTY.OF 1)	
23517283	BUTTON, VALVE S50/60	24
8929607	SCREW, W/3/16" INTERNAL SOCKET END	12
8929751	SCREW, W/9/32" EXTERNAL SOCKET END	12
23514371	NUT, 3/8"-24 HEX JAM	24
8929494	RETAINER (1.8090)	24
SHAFT ASSY., ROCKER		
23513530	SHAFT ASSY., LUBRITED (INCLUDES PLUG)	2
8929588	STUD, M12 X 1.75 X 123.0 (1.8170)	2
8929740	SEAL, RING .134X.074X.480 I.D. (BLOCK TO GEAR CASE	2
9421745	PLUG, CUP 1/2" (12.9330)	2
8929587	BOLT, M12 X 1.75 X 110.0 (1.7046)	6
23500708	NUT, M12 X 1.75	2
SPACER, ROCKER SHAFT		
8929586	SPACER (01.8170)	8
VALVE, EXHAUST		
23520148	KIT EXHAUST VALVE S50/60 NATURAL GAS	12
VALVE, INTAKE		
23520149	KIT INTAKE VALVE S50/60 NATURAL GAS	12
GUIDE, EXHAUST VALVE		
23519541	GUIDE VALVE 101.5-102.0 LG PM	24
23516483	SEAL, VALVE STEM GUIDE S50G	24
8929072	SEAL	24
INSERT, EXHAUST VALVE		
23519090	INSERT EXHAUST VALVE	12
23517058	INSERT (INTAKE) S50G	12
SPRING, EXHAUST VALVE		
8929415	SPRING (YELLOW STRIPE)	24
SEAT, EXHAUST VALVE SPRING		
8929076	SEAT (2.2MM-2.4MM)	24
8929634	SEAT (2.45MM-2.65MM)	AR
8929635	SEAT (2.70MM-2.90MM)	AR
8929636	SEAT (2.95MM-3.15MM)	AR
ROTATOR, VALVE		
8929105	ROTATOR	24
LOCK, EXHAUST VALVE SPRING		
8929573	LOCK, KEY EXHAUST VALVE SPRING	48
1.8000A - ROCKER COVER		
COVER ASSY., ROCKER		
23519346	COVER RKR UPR COIL OVER PLUG IGN	1
23511634	COVER RKR LWR AL 2&3PC ENLRG SEAL GRV	1
TUBE EXTENSION (NATURAL GAS ENGINE)		
23519365	COVER IGNITION COIL	1
23518864	TUBE EXTENSION COIL OVER PLUG IGN S50G	6
23516906	RING-SEAL 1.112 ID LWR TUBE	12
23518865	SEAL RING IGN COIL EXT TUBE S50G	6
23519385	SCREW M6 X 1.0 X 16 FLAT HD	6

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PART #	NAME AND DESCRIPTION	QUANTITY
1.8000A - ROCKER COVER		
GASKET, ROCKER COVER		
23511991	GASKET LWR TO INTER UPR	1
23516322	GASKET-ROCKER COVER S60	1
BOLT, ROCKER COVER		
23517914	SPACER	10
11504822	BOLT, M8 X 1.25 X 30	8
11509518	BOLT, M8 X 1.25 X 90 MM	10
ISOLATOR, ROCKER COVER BOLT		
23517911	ISOLATOR	10

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PART #	NAME AND DESCRIPTION	QUANTITY
2.1000B - INJECTOR CONTROLS ELECTRONIC		
MODULE ASSY., ELECTRONIC CONTROL (ECM)		
23518523	MODULE ELC CONT DDEC III SRS/TRS	1
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD		
23512307	ISOLATOR, ECM MOUNT	8
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	4
11504603	SCREW, M8X1.00X25.0 MM	4
SHIELD ASSY., ELECTRONIC UNIT DISTRIBUTOR HEAT		
23513858	SHIELD ASSY., ECM HEAT (DDEC III)	2
SENSOR, OIL OR FUEL PRESSURE		
23511176	SENSOR, OIL/FUEL PRESSURE	1
5101020	STRAP, NYLON (2.5255)	9
11503454	BOLT, M10 X 1.5 X 20.0	1
SENSOR, MAG. IDLER		
8929387	SENSOR (SRS)	1
11504986	BOLT, M8 X 1.25 X 14 MM	4
SENSOR, MAG. CRANKSHAFT		
8929388	SENSOR (TRS)	1
11504986	BOLT, M8 X 1.25 X 14 MM	2
SENSOR, OIL, FUEL OR COOLANT TEMPERATURE		
23518092	SENSOR ASSY., OIL WATER FUEL & AIR TEMPERATURE	1
23515250	SENSOR ASSY., AIR TEMP PLSTC DDEC III	1
SENSOR, COOLANT LEVEL		
23514708	SENSOR ASM COOL TEMP DDEC III	1
HARNESS, ELECTRONIC DISTRIBUTOR UNIT TO INJECTOR		
8929534	CLIP	1
11509511	BOLT, M8 X 1.25 X 20 MM	2
COVER, INJECTOR HARNESS		
8929508	COVER	1
HARNESS, ENGINE SENSORS TO DISCONNECT		
23519889	HARNESS SENSOR WIRING DDECIII S60G	1
23519890	HARNESS IGNITION COIL S60G	1
2.4000A - ALTERNATE FUEL SYSTEM		
REGULATOR ASSY,NAT GAS		
23520309	REGULATOR ASSY.,GAS MAXITROL ES379	1
MIXING UNIT		
11509512	BOLT, M8 X 1.25 X 25 MM	4
23519562	GASKET DELTEC MIXING UNIT	1
23519925	MIXING UNIT 140 W/GEN SET PSV GAS VLV	1
BRACKET GAS VALVE MOUNTING		
11504822	BOLT, M8 X 1.25 X 30	3
11507036	NUT, M8 X 1.25	3
23509520	BOLT, M12X1.75X47.0 METRIC FLG. HEX HD.	2
23518173	ADAPTOR FUEL MIXER TO TURBO INL S50G	1
23519605	BRACKET GAS MIXER MTG	1
TUBE GAS GOVERNOR INLET		
23520310	HOSE 5.00 X 3.00 L	1
5114937	CLAMP, 5 1/2"-6" CLAMPING RANGE (3.1280)	1
TUBE AIR INTAKE		
23519735	HOSE 5.50 X 2.65 LG	1
5114937	CLAMP, 5 1/2"-6" CLAMPING RANGE (3.1280)	2
8926958	CLAMP, HOSE 4" (.75" W.)	1
HOSE HUMP ADAPTOR TO INT TUBE		
23519615	TUBE ADAPTOR TO TURBO	1
23519929	HOSE HUMP ADAPTOR TO INT TUBE	1

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PART #	NAME AND DESCRIPTION	QUANTITY
2.4000A - ALTERNATE FUEL SYSTEM		
5114937	CLAMP, 5 1/2"-6" CLAMPING RANGE (3.1280)	2
2.5000A - FUEL LINES AND FUEL COOLER		
HOSE, FUEL SUPPLY		
23520395	HOSE ASSY AIR BALANCE LINE INL.	1
2492119	ELBOW, 90 DEG. 1' FLD TUBE 3/4" NPTF	1
23519928	TEE	1
5148825	CONNECTOR, 1" FL. TUBE 3/4" PIPE (3.5428)	1
HOSE, FUEL DRAIN		
23520394	HOSE FUEL SUPPLY	1
23518884	ELBOW	1
HOSE ASSY., AIR BALANCE LINE		
HAHU0185	HOSE ASSY., #6 X 18.5"L H&U	2
8924998	ELBOW (90 DEG.)	2
8929833	CONNECTOR, 3/8" INV. FL. TUBE; 5/8" PIPE (12.9460)	2
2.9000A - THROTTLE CONTROLS		
ACTUATOR ASSY., NATURAL GAS		
23506222	BOLT, M8 X 1.25 X 20 (12.9001)	4
23516362	GASKET-THROTTLE ACTUATOR	1
23520332	THROTTLE W/INTEGRATED ACT FLOTECH S60G	1
BRACKET, ACTUATOR & THROTTLE BODY		
11509512	BOLT, M8 X 1.25 X 25 MM	4
23517474	BRACKET-ACTR & THROT BODY S30/50G	1
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	2
TUBE, INTAKE ADAPTOR		
23516186	HOSE 4.0 I.D. 3.50 LG	1
23520308	TUBE INTAKE ADAP 212.0 LG S60G	1
8924380	PLUG, 1/8"-27 PIPE (12.9550)	1
8924517	PLUG, 3/8"-18 SQ. SOC. VIBRA SEAL (12.9550)	1
8926958	CLAMP, HOSE 4" (.75" W.)	2

D E T R O I T D I E S E L
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PART #	NAME AND DESCRIPTION	QUANTITY
3.3000C - AIR INTAKE MANIFOLD		
AIR INTAKE MANIFOLD		
23520393	MANIFOLD AIR INT SETBACK	1
8922327	PLUG, 1/4" NPTF (12.9550)	2
11509799	BOLT, M10 X 1.5 X 70 MM	2
11509526	BOLT, M10 X 1.5 X 130 MM	4
23505051	BOLT M10 X 1.5 X 170 (12.9001)	1
GASKET, AIR INTAKE MANIFOLD		
23517875	GASKET AIR INT MFD STL RUB CTD S50/60	3
SENSOR, AIR INTAKE		
16070629	SENSOR, DDEC 2 & 3	1
5182977	RING, SEAL (3.3055)	1
11514146	BOLT, M5X.8X30.0 MM	2
3.5000A - TURBOCHARGER		
TURBOCHARGER		
23520307	TURB ASM K31 00.0 A/R S60G GEN SET	1
8929169	WASHER (12.9190)	4
11506101	NUT, M10 X 1.5	4
HOUSING, TURBOCHARGER TURBINE		
23508434	COVER PLASTIC TURB OTLT S60	1
GASKET, TURBOCHARGER EXHAUST INLET CONNECTION		
23514035	SPACER-PLATE TURBO DINA S50	1
23517076	GASKET TURB EXH INLET S50G	1
TUBE, TURBOCHARGER OIL SUPPLY		
23505039	ELBOW, 90 DEG FLD 3/4 TUBE	1
23515895	TUBE OIL SUPPLY SCROLL DOWN TURBO S60	1
8929833	CONNECTOR, 3/8" INV. FL. TUBE; 5/8" PIPE (12.9460)	2
5109000	BRACKET, CLIP	1
CLIP, TURBOCHARGER OIL SUPPLY TUBE		
5145994	CLIP, 3/8" TUBE X 1/2" BOLT	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11507036	NUT, M8 X 1.25	1
TUBE, TURBOCHARGER OIL RETURN		
23515354	TUBE TURB OIL DRN FLEX SST MED MT	1
11509511	BOLT, M8 X 1.25 X 20 MM	2
GASKET, TURBOCHARGER OIL RETURN TUBE		
8929285	GASKET (3.5505)	1
CLIP, TURBOCHARGER OIL RETURN TUBE		
2476233	CLIP, .750" DIA., 3/8" BOLT	1
5144629	BRACKET, CLIP 90 DEG.	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
PUMP ASSY., OIL		
A PUMP ASSY. INCLUDES ITEMS IN 4.1040, 4.1065, 4.1075, 4.1090 AND 4.1220.		
R23505886	REMANUFACTURED 23505886	AR
23505886	PUMP ASSY., RT. SIDE ENGINE	1
23505885	DOWEL, SLEEVE OIL PUMP	1
8929011	PIN, 25L., DOWEL	1
11502826	BOLT, M10 X 1.5 X 40.0	2
8929393	BOLT, M10 X 1.5 X 70.0 (12.9001)	2
OVERHAUL KIT, OIL PUMP		
AN OVERHAUL KIT INCLUDES ITEMS IN 4.1065, 4.1075, 4.1520, 4.1590 AND 4.1730		
23511065	OVERHAUL KIT, RT SIDE ENGINE	1
SHIM, OIL PUMP		
23508740	SHIM (.0055" THK.)	AR
BODY, OIL PUMP		
BODY ASSY. INCLUDES BUSHINGS IN 4.1050.		
23505878	BODY ASSY., RT. SIDE ENGINE	1
BUSHING, OIL PUMP BODY		
23505879	BUSHING, SHAFT & DRIVE GEAR	2
SHAFT AND GEAR ASSY., OIL PUMP DRIVE		
23505882	SHAFT & GEAR ASSY., OIL PUMP	1
SHAFT AND GEAR ASSY., OIL PUMP DRIVEN		
23507337	SHAFT & GEAR ASSY., OIL PUMP	1
GEAR, OIL PUMP DRIVE		
23505884	GEAR, 69 TEETH	1
COVER, OIL PUMP		
A COVER ASSY. INCLUDES BUSHINGS IN 4.1220		
23505883	COVER ASSY, OIL PUMP	1
23505879	BUSHING, SHAFT & DRIVE GEAR	2
11509511	BOLT, M8 X 1.25 X 20 MM	2
11509514	BOLT, M8 X 1.25 X 50 MM	2
4.1000B - OIL DISTRIBUTION SYSTEM		
PIPE, OIL PUMP INLET		
23506683	TUBE & SCREEN ASSY, OIL PUMP	1
11509514	BOLT, M8 X 1.25 X 50 MM	2
GASKET, OIL PUMP INLET PIPE		
23505992	GASKET, OIL INLET TUBE TO PUMP	1
BRACKET, OIL PUMP SCREEN SUPPORT		
8929104	BRACKET	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
11502812	NUT, M10X1.5	2
PIPE, OIL PUMP OUTLET		
23505890	TUBE, OIL PUMP OUTLET	1
23514767 NS	ELBOW ASM OIL INL & PRESS RLF VLV S60	1
PIPE, OIL PUMP OUTLET		
457008	PIN, 3/16" X 1-1/2" SPRING (12.9270)	1
SPRING, OIL PUMP OUTLET PIPE BYPASS VALVE		
5126327	SPRING (2.96" FREE LENGTH, 15 COILS, CLOSED ENDS,	1
VALVE, OIL PUMP OUTLET PIPE BYPASS		
8922740	VALVE	1
5117957	SEAT	1
23505891	RING SEAL, OIL PUMP OUTLET	1
23505892	RING SEAL, OIL PUMP INLET	1
11504822	BOLT, M8 X 1.25 X 30	2
GASKET, OIL PUMP OUTLET PIPE		
8929347	GASKET (TO BLOCK)	1
4.1000C - OIL PRESSURE REGULATOR		

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000C - OIL PRESSURE REGULATOR		
REGULATOR, OIL PRESSURE		
A PUMP KIT INCLUDES PUMP ASSY. AND SEAL RING.		
23512901	REGULATOR ASSY.	1
BODY, OIL PRESSURE REGULATOR AND RELIEF		
457008	PIN, 3/16" X 1-1/2" SPRING (12.9270)	1
8929283	BODY, REGULATOR	1
SPRING, OIL PRESSURE REGULATOR		
5126327	SPRING (2.96" FREE LENGTH, 15 COILS, CLOSED ENDS,	1
VALVE, OIL PRESSURE REGULATOR		
8922740	VALVE	1
SEAT, OIL PRESSURE REGULATOR		
23512900	SEAT	1
11504822	BOLT, M8 X 1.25 X 30	2
RELIEF, VALVE OIL PRESSURE		
A PUMP KIT INCLUDES PUMP ASSY. AND SEAL RING.		
8921086	VALVE ASSY.	1
BODY, OIL PRESSURE REGULATOR AND RELIEF		
457008	PIN, 3/16" X 1-1/2" SPRING (12.9270)	1
8921084	BODY, RELIEF	1
SPRING, OIL PRESSURE REGULATOR		
5126327	SPRING (2.96" FREE LENGTH, 15 COILS, CLOSED ENDS,	1
VALVE, OIL PRESSURE REGULATOR		
8922740	VALVE	1
SEAT, OIL PRESSURE REGULATOR		
5117957	SEAT	1
11504822	BOLT, M8 X 1.25 X 30	2
4.2000A - OIL FILTER		
ELEMENT, OIL FILTER		
23518480	FILTER, LUBE OIL	2
ADAPTOR, OIL FILTER COVER		
8923847	PLUG, PIPE 1/4-18" NPTF	1
4.4000A - OIL COOLER		
CORE, OIL COOLER ENGINE		
52458196	CORE ASSY. (9 PLATE) 12 L.	1
GASKET, OIL COOLER CORE-INNER		
23506247	GASKET, OIL COOLER HOUSING	1
HOUSING, OIL COOLER-ENGINE		
23507126	HOUSING ASSY, OIL COOLER	1
HOUSING, OIL COOLER-ENGINE		
8922327	PLUG, 1/4" NPTF (12.9550)	1
HOUSING, OIL COOLER-ENGINE		
23511573	PLUG, 3/4" PIPE SQ. SOC. SCOTCHGRIP	4
23511574	PLUG, 1" PIPE SQ. SOC. SCOTCHGRIP	1
23511573	PLUG, 3/4" PIPE SQ. SOC. SCOTCHGRIP	4
23511574	PLUG, 1" PIPE SQ. SOC. SCOTCHGRIP	1
23507182	BOLT, SPL M8 X 1.25 X 73.0	3
23507183	BOLT, SPL M8 X 1.23 X 93.0	7
GASKET, OIL COOLER HOUSING		
8929289	RING, SEAL	1
ADAPTOR, OIL COOLER		
AN ADAPTOR ASSY. INCLUDES 4-PLUGS IN 4.4110 PLUS ITEMS IN 4.4140 AND 4.4150		
23506715	ADAPTOR ASSY., OIL FILTER/COOLER WITH INSERTS	1
ADAPTOR, OIL COOLER		
8923313	PLUG, 3/4" PIPE (12.9550)	4
23508392	RING, SEAL	2
8923313	PLUG, 3/4" PIPE (12.9550)	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	4
GASKET, ADAPTOR TO OIL COOLER HOUSING		
23505902	RING, SEAL BYPASS FILTER	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.4000A - OIL COOLER		
GASKET, OIL COOLER ADAPTOR TO BLOCK 23508392	RING, SEAL	1
VALVE, OIL COOLER BYPASS 23514067	KIT, VALVE BYPASS REPLACEMENT (FOR 5/8" OR 3/4" DIA. VALVE)	1
23512800 NS	ADAPTOR ASM OIL CLR/FLTR 9 PLT S50/60	1
GASKET, OIL COOLER CORE INNER 23506247	GASKET, OIL COOLER HOUSING	1
ADAPTOR, OIL COOLER 23506715	ADAPTOR ASSY., OIL FILTER/COOLER WITH INSERTS	1
23508392	RING, SEAL	2
23507126	HOUSING ASSY, OIL COOLER	1
23507182	BOLT, SPL M8 X 1.25 X 73.0	3
23507183	BOLT, SPL M8 X 1.23 X 93.0	7
52458196	CORE ASSY. (9 PLATE) 12 L.	1
4.5000A - OIL FILLER		
CAP, OIL FILLER 5117362	CAP, OIL FILLER	1
STRAINER, OIL FILLER TUBE 23509074	BAFFLE ASSY.	1
23504751	SCREW #10-24 X .50" (4.8055)	3
CHAIN, OIL FILLER CAP 5121989	CHAIN SASH 6.50 LG	1
5107979	HOOK, CHAIN ("S" TYPE) (4.5020)	2
COVER, OIL FILLER HOLE 23505952	HOUSING	1
23516970	PLATE OIL FILL CVR DCST AL S50/60	1
23504890	ELEMENT 4" RKR CVR BTHR STL WIRE	1
11509511	BOLT, M8 X 1.25 X 20 MM	4
GASKET, OIL FILLER HOLE COVER 8929302	GASKET, 4 HOLE (4.5007)	1
4.6000A - DIPSTICK		
DIPSTICK 23517836	GAUGE ASM OIL LVL SNAP LK 16.33LG S60	1
GUIDE, DIPSTICK 23513683	GUIDE	1
ADAPTOR, DIPSTICK 23514328	TUBE ASM 8.70 LG	1
ADAPTOR, DIPSTICK 137401	NUT, 1/2" INV. TUBE	1
23513842	SEAL OIL LVL GA ADAP	1
4.7000A - OIL PAN		
PAN, OIL		
OIL PAN ASSYS. INCLUDE PLUGS, INSERTS, SEAL RINGS, AND NUTS IN 4.7001		
23517242	ISOLATOR OIL PAN S50/S60	10
23517243	SPACER OIL PAN S50/S60	10
8929799	PAN ASSY., OIL SUMC VINYL ESTER	1
PAN, OIL		
23518378	SEAL RING SQ SEC .134 THK X 1.609 ID	3
23503911	NUT 3/4 HEX SMC OIL PAN INSERT S60	3
8929825	INSERT OIL PAN 3/4" NPTF VINYL PAN	3
8923313	PLUG, 3/4" PIPE (12.9550)	3
11504571	BOLT, M10 X 1.5 X 65.0MM	10
5178994	PLUG, 3/4"-14 NPTF PIPE (4.7080)	1
GASKET, OIL PAN TO BLOCK		

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PART #	NAME AND DESCRIPTION	QUANTITY
4.7000A - OIL PAN 8929102	GASKET	1

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000 - FRESH WATER PUMP		
PUMP ASSY., FRESH WATER		
A PUMP KIT INCLUDES PUMP ASSY. AND SEAL RING.		
23518216	KIT PUMP WAT MT RR GR CASE S50/60	1
23518215 NS	PUMP ASM WAT RR GR CASE SQ CUT 0-RG S60	1
BODY, FRESH WATER PUMP		
23511573	PLUG, 3/4" PIPE SQ. SOC. SCOTCHGRIP	2
23511574	PLUG, 1" PIPE SQ. SOC. SCOTCHGRIP	1
23517027	BODY WAT PMP RRGRCASE SQ CUT 0-RG S60	1
8929594	PLUG, 3/8"-18 DIA. PIPE EXT. HEX. SOC.	1
COVER, FRESH WATER PUMP BODY		
8922383	COVER, NON-METALLIC	1
GASKET, FRESH WATER PUMP COVER		
23512048	SEAL RING	1
8922407	RING RETAINER	1
SHAFT ASSY., FRESH WATER PUMP		
23505896	SHAFT	1
BEARING, FRESH WATER PUMP		
8929422	BEARING ASSY.	1
RETAINER, FRESH WATER PUMP BEARING AND SEAL		
8929427	RING	1
SEAL, FRESH WATER PUMP		
23518316	SEAL WAT PUMP UNITIZED S60 W/SEALANT	1
8929134	SEAL, LIP TYPE	1
GEAR, FRESH WATER PUMP DRIVE		
23505897	WASHER, SPL WAT PUMP GEAR (5.1110)	1
23505910	GEAR, RH 61 TEETH	1
23508863	BOLT, M12X1.75X50.0MM	1
PUMP ASSY., FRESH WATER		
23517973	IMPELLER W/PMP C/I 6 VANE S60	1
23505025	SEAL RING W/SQ CUT (5.1032)	1
11509523	BOLT, M10 X 1.5 X 55 MM	1
23505755	BOLT, M10 X 1.5 X 155.0	2
RECONDITIONING KIT, FRESH WATER PUMP		
A RECONDITIONING KIT INCLUDES SEAL RING IN 5.1001, BEARING IN 5.1070 LOCKRING IN 5.1071 AND ITEMS IN 5.1130 AND 5.1236.		
23509105	KIT, RECONDITIONING W/SQ CUT WAT PMP & CVR SEALS	AR
5.2000B - THERMOSTAT		
THERMOSTAT ASSY.		
8929878	THERMOSTAT ASSY. 190 DEG. OPENING TEMP.	2
SEAL, THERMOSTAT		
5132155	SEAL	2
23509514	SEAL FLANGE	AR
COVER, THERMOSTAT HOUSING		
8929728	COVER	1
23511572	PLUG, 1/2" NPTF SQ. SOC. (12.9550)	2
23511573	PLUG, 3/4" PIPE SQ. SOC. SCOTCHGRIP	2
5136240	PLUG CAP .42" DIA. (2.2001)	1
8924140	DRAINCOCK, 1/4" (12.9510)	1
23505050	BOLT, M10 X 1.5 X 85 (12.9001)	4
5.2000C - WATER BYPASS TUBE		
TUBE, WATER BYPASS		
23505898	TUBE	1
HOSE, WATER BYPASS TUBE		
8929875	HOSE, 1 3/4" X 3.25"	2
CLIP, WATER BYPASS TUBE		
23505048	CLAMP, 2"-2 1/2" DIA. HOSE	4
5.3000B - WATER CONNECTIONS		
TUBE, WATER PUMP TO OIL COOLER		
23505899	TUBE (FOR HI & MED MT. TURBO)	1

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PART #	NAME AND DESCRIPTION	QUANTITY
5.3000B - WATER CONNECTIONS		
HOSE, WATER PUMP TO OIL COOLER 23506325	HOSE, 2.75"X3.0" L (BLUE)	2
CLIP, WATER PUMP TO OIL COOLER TUBE 8929865	CLAMP, 3"-3 1/2" ID HOSE	4
5.4000A - FAN		
PULLEY AND HUB ASSY., FAN		
8929169	WASHER (12.9190)	6
9409036	BOLT, 3/8"-24 X 1.125" (12.9001)	6
SUPPORT, FAN MOUNTING		
23511356	SUPPORT, W/UPR RT BOLT BOSS	1
11504822	BOLT, M8 X 1.25 X 30	5
11509525	BOLT, M10 X 1.5 X 110 MM	2
11509531	BOLT, M14 X 2.0 X 60 MM	1
11509533	BOLT, M14 X 2.0 X 100 MM	1
11513960	BOLT, M10 X 1.5 X 145 MM	1
8929585	BOLT, M10 X 1.5 X 380.0 (12.9001)	1
SPINDLE ASSY., FAN DRIVE		
A SPINDLE ASSY. INCLUDES ITEMS IN 5.4102, 5.4103, 5.4111 AND 5.4160.		
8929538	SPINDLE ASSY.	1
11500944	BOLT, M12X1.75X40.0 MM	4
5131978	WASHER, .53 X 1.00 (1.5001)	4

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PART #	NAME AND DESCRIPTION	QUANTITY
6.1000A - EXHAUST MANIFOLD AND/OR CONNECTIONS		
MANIFOLD, EXHAUST		
23516106	MANIFOLD EXH 3PC FRT&RR END S60 MOLY	1
23519347	MANIFOLD EXH 3PC FRT&RR END MOLY	1
23519348	MANIFOLD EXH 3PC CTR SECT HI MT MOLY	1
GASKET, EXHAUST MANIFOLD		
23511666	GASKET, 2 PORT (GRAPHITE)	3
STUD, EXHAUST MANIFOLD TO TURBOCHARGER		
23517241	STUD SPL M10X1.5X58.5 EXH MAN S50G	4
BOLT, EXHAUST MANIFOLD TO HEAD		
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	9
23511667	SPACER	12
HEAT SHIELD, EXHAUST MANIFOLD		
23519124	SHIELD HEAT EXH MANIFOLD RR	1
23509744	STUD, BOLT M10X1.5X120.0	3
11506101	NUT, M10 X 1.5	3

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PART #	NAME AND DESCRIPTION	QUANTITY
7.1000A - BATTERY CHARGING GENERATOR		
GENERATOR ASSY.		
19010182	GEN CHRGE AC 24V70A NG CW/CCW 21SI	1
442733	BOLT, 1/2"-13 X 1.25" (12.9001)	1
9427945	BOLT, 1/2"-13 X 6.25" (12.9001)	1
5132715	WASHER, .53"X.94"X.12" (1.3140)	3
103323	LOCKWASHER, 1/2"	2
PULLEY, GENERATOR		
5140070	PULLEY, 3.66" DIA, 2 GRVS .500" WIDE	1
102637	NUT, 1/2"-13	1
BELT, GENERATOR DRIVE		
23509690	BELT (50"L.) (2 STRAND)	1
STRAP, GENERATOR ADJUSTING		
23511574	PLUG, 1" PIPE SQ. SOC. SCOTCHGRIP	1
23515862	TUBE .625" LENGTH WITH SLIT	1
23507487	ROD, ADJ M16X2.0X381.0 L.	1
23511669	LINK, ADJUSTING ROD	1
103345	WASHER, 5/8"	2
11509799	BOLT, M10 X 1.5 X 70 MM	1
11501055	NUT, M16X2.0	2
BRACKET, GENERATOR MOUNTING		
8929807	BRACKET	1
11513960	BOLT, M10 X 1.5 X 145 MM	2
11506101	NUT, M10 X 1.5	2
7.3000A - STARTING MOTOR		
MOTOR ASSY., STARTING		
R0461128	MOTOR ASSY., 24V 42MT (REMANUFACTURED)	AR
10478980	MOTOR ASSY. (24V. CW. INSUL. 42MT)	1
9439720	BOLT, 5/8"-11X2 1/4" (12PT.) (12.9005)	3
103325	LOCKWASHER, 5/8"	3
7.8000C - SPARK PLUG,IGNITION COIL,WIRING HARNESS		
PLUG SPARK		
23515946	SPARK PLUG	6
BRACKET IGNITION COIL		
23518862	BRACKET IGNITER MODULE S50G	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	1
23516346	BOLT M6 X 1 X 20MM	2
COIL IGNITION		
23518913	COIL IGN COIL OVER PLUG SYS S50G GEN SET	6
23519119	SEAL RING .70X .208 I.D. VITON	12
23519115	HEX CAP SCREW M6 X 1.0	12
WIRE SPARK PLUG		
23519382	HARNESS - GROUND STRAP	1
11504986	BOLT, M8 X 1.25 X 14 MM	1
HARNESS GROUND IGNITION		
23519890	HARNESS IGNITION COIL S60G	1
MODULE SPARK INTERFACE		
16198239	MODULE IGNITOR	1
BOOT AND SPRING IGNITION		
23519555	BOOT & SPRING ASM IGNITION S50G GEN SET	6

DETROIT DIESEL
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PART #	NAME AND DESCRIPTION	QUANTITY
11.1000A - ENGINE MOUNTING BASE		
SUPPORT, ENGINE FRONT		
8929744	SUPPORT (WEST COAST) ITEM 1	1
11509528	BOLT, M12 X 1.75 X 30 MM	8
8929068	BOLT, M14 X 2.0 X 140 (12.9001)	4

D E T R O I T D I E S E L
C U S T O M P A R T S C A T A L O G

PART#	NAME AND DESCRIPTION
12.8000A - SUPPLIES	
COMPOUND, THREAD LUBRICATING	
5198563	INTERNATIONAL COMPOUND #2 (5 GALLON CAN)
23509545	SEAL, ANTI-SEIZE HEAT & RUST (1 LB.)
SEALER, THREADLOCK	
23509535	THREADLOCK, MEDIUM STRENGTH (50 ML.)
23509536	THREADLOCK, MEDIUM STRENGTH (10 ML.)
23509537	THREADLOCK 262, HIGH STRENGTH (10 ML.)
23509538	THREADLOCK, HIGH STRENGTH (50 ML.)
23509539	THREADLOCK 290, HIGH STRENGTH (10 ML.)
23509542	SEALER, THREAD (50 ML.)
23509544	SEALER, COMPOUND (50 ML.)
SEALANT, RTV	
23509540	SEALANT, GASKET ELIMINATOR (50 ML.)
23509541	SEALANT, GASKET ELIMINATOR (300 ML.)
23509543	SEALANT, ULTRA BLUE RTV (3 OZ.)
23509603	SEALANT, BLACK RTV (11 OZ.)
ADDITIVES, SUPPLEMENTAL COOLANT	
23507854	SUPPLEMENTAL COOLANT ADDITIVE (1 PT.) (DD-3000-P)
23507855	SUPPLEMENTAL COOLANT ADDITIVE (1/2 GAL.) (DD-3000-HG)
23507856	SUPPLEMENTAL COOLANT ADDITIVE (5 GAL.) (DD-3000-11)
23507857	SUPPLEMENTAL COOLANT ADDITIVE (55 GAL.) (DD-3000-15)
23507858	SUPPLEMENTAL COOLANT ADDITIVE (1 PT.) (DD-2000-P)
23507859	SUPPLEMENTAL COOLANT ADDITIVE (1/2 GAL.) (DD-2000-HG)
23507860	SUPPLEMENTAL COOLANT ADDITIVE (5 GAL.) (DD-2000-11)
23507861	SUPPLEMENTAL COOLANT ADDITIVE (55 GAL.) (DD-2000-15)
23512138	PRECHARGED COOLANT (1 GAL.)
23512139	PRECHARGED COOLANT (55 GAL.)
23512140	PRECHARGED COOLANT (BULK)
CLEANER, COOLANT SYSTEM	
23507862	CLEANER, COOLANT SYSTEM (1/2 GAL.) (DD-2001-HG)
23507863	CLEANER, COOLANT SYSTEM (5 GAL.) (DD-2001-11)
23507864	CLEANER, COOLANT SYSTEM (55 GAL.) (DD-2001-15)
23507867	CLEANER, COOLANT SYSTEM (TWIN PACK) (DD-2015-49)
ANALYSIS KIT, COOLANT	
23516921	ANALYSIS KIT, COOLANT
23515917	TEST STRIP, TWO-WAY COOLANT
ADDITIVES, DIESEL FUEL	
23507868	ADDITIVES, FUEL (1 PT.) (DD-2020-P)
23507869	ADDITIVES, FUEL (5 GAL.) (DD-2020-11)
23507870	ADDITIVES, FUEL (55 GAL.) (DD-2020-15)
23507871	ADDITIVES, FUEL (1 PT.) (DD-1000-P)
23507872	ADDITIVES, FUEL (5 GAL.) (DD-1000-11)
23507873	ADDITIVES, FUEL (55 GAL.) (DD-1000-15)
ANALYSIS KIT, FUEL	
23516922	ANALYSIS KIT, FUEL

**DETROIT DIESEL
CUSTOM PARTS CATALOG**

PART#	NAME AND DESCRIPTION
12.8000A - SUPPLIES	
PAINT, ENGINE TOUCH-UP	
5194974	PAINT (12 OZ. SPRAY CAN) (ALPINE GREEN)
5149634	PAINT (12 OZ. SPRAY CAN) (GRAY)
5149635	PAINT (12 OZ. SPRAY CAN) (GOLD)
5149996	PAINT (12 OZ. SPRAY CAN) (SILVER)
5149633	PAINT (12 OZ. SPRAY CAN) (ALUM. PRIMER)
8929666	PAINT (12 OZ. SPRAY CAN) (BLUE)
8929668	PAINT (12 OZ.) (CLEAR)
5149740	PAINT (1 GALLON) (ALUM. PRIMER)
5149739	PAINT (1 GALLON) (METAL GRAY)
5194975	PAINT (1 GALLON) (ALPINE GREEN)
5149997	PAINT (1 GALLON) (SILVER)
23511690	PAINT (1 GALLON) (WHITE ENAMEL: MARINE)
8929665	PAINT (1 GALLON) (BLUE)
8929667	PAINT (1 GALLON) (CLEAR)
OIL, ENGINE LUBRICATING	
23513856	1 GAL. DELVAC 1230D 2 CYL ENG
23512733	5 GAL. DELVAC 1230D 2 CYL ENG
23512737	55 GAL. DELVAC 1230D 2 CYL ENG
23512699	BULK DELVAC 1230D 2 CYL ENG
23512701	1 GAL. DELVAC 1240D 2 CYL ENG
23512734	5 GAL. DELVAC 1240D 2 CYL ENG
23512702	55 GAL. DELVAC 1240D 2 CYL ENG
23512739	BULK DELVAC 1240D 2 CYL ENG
23512735	5 GAL. DELVAC 1250D 2 CYL ENG
23512738	55 GAL. DELVAC 1250D 2 CYL ENG
23512700	BULK DELVAC 1250D 2 CYL ENG
23512703	1 GAL. DELVAC 1300 SUPER 4 CYL ENG
23512741	5 GAL. DELVAC 1300 SUPER 4 CYL ENG
23512704	55 GAL. DELVAC 1300 SUPER 4 CYL ENG
23509885	1 GAL DELVAC MEO 40 METHANOL ENG
23509886	5 GAL. DELVAC MEO 40 METHANOL ENG
23509887	55 GAL. DELVAC MEO 40 METHANOL ENG
23509888	BULK DELVAC MEO 40 METHANOL ENG
80W90P	35 LB. PAIL MOBILUBE HD 80W90
80W90K	120 LB. KEG MOBILUBE HD 80W90
80W90D	400 LB. DRUM MOBILUBE HD 80W90
85W140P	35 LB. PAIL MOBILUBE HD 85W140
85W140K	120 LB. KEG MOBILUBE HD 85W140
85W140D	400 LB. DRUM MOBILUBE HD 85W140
75W90P	35 LB. PAIL MOBILUBE SHC 75W90
75W90K	120 LB. KEG MOBILUBE SHC 75W90
75W90D	400 LB. DRUM MOBILUBE SHC 75W90
80W140P	35 LB. PAIL MOBILUBE SHC 80W140
80W140K	120 LB. KEG MOBILUBE SHC 80W140
80W140D	400 LB. BARREL MOBILUBE SHC 80W140
SHC50P	35 LB. PAIL MOBILTRANS SHC 50
SHC 50K	120 LB. KEG MOBILTRANS SHC 50
SHC50D	375 LB. DRUM MOBILTRANS SHC 50
ATFQUART	12 QUART MOBIL MULTI-PURPOSE ATF
AFTGAL	1 GAL. PAIL MOBIL MULTI-PURPOSE ATF
ATFDRUM	55 GAL. MOBIL MULTI-PURPOSE ATF
ATFBULK	BULK MOBIL MULTI-PURPOSE ATF
GREASEC	60X14 OZ. CARTRIDGES MOBILGREASE SPECIAL
GREASEK	120 LB. KEG MOBILGREASE SPECIAL
GREASED	400 LB. DRUM MOBILGREASE SPECIAL
OIL, ENGINE LUBRICATING	
HPCART	60X14 OZ. CARTRIDGES MOBILGREASE HP
HPKEG	120 LB. KEG MOBILGREASE HP
HPDRUM	400 LB. DRUM MOBILGREASE HP
MOBIL424	55 GAL. MOBILFLUID 424

DETROIT DIESEL

CORPORATION



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