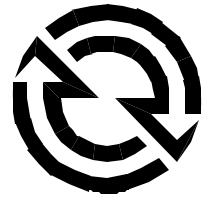


Engine Parts

DETROIT DIESEL



Diesel Engine

Generator Models:

450 kW

500 kW (60 Hz)

Engine Series:

2000

Engine Models:

R0837K06

R0837K36

R0838K36

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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of all information, engine modifications or subsequent engineering changes or enhancements may cause certain data to be superseded or rendered obsolete.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.

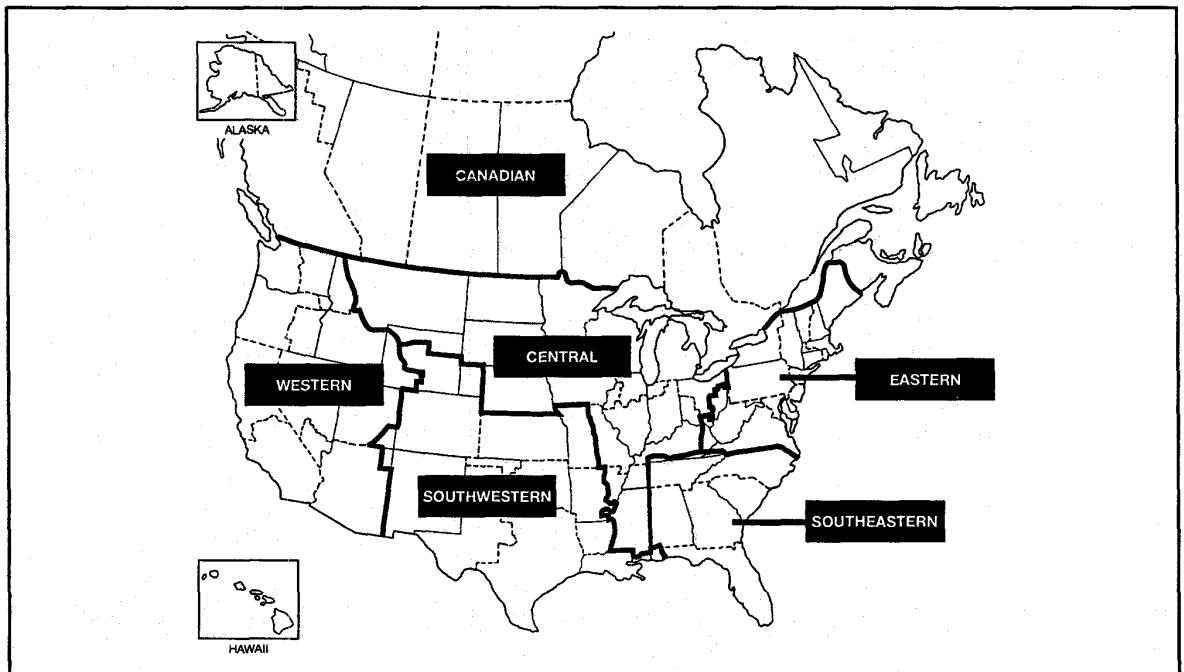
IMPORTANT ENGINE INFORMATION

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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P.O. Box 4161
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Detroit Diesel-Allison de Mexico
Av. Santa Rosa 58
Col. Ampliacion Norte
San Juan Ixtacala, Tlanepantla
C.P. 54160, Edo do Mexico
Phone: (525) 333-1802
Fax: (525) 333-1870

1.0000 ENGINE (LESS MAJOR ASSEMBLIES)

- 1.1000 CYLINDER BLOCK
- 1.1000A AIR BOX DRAINS
- 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
- 1.5000B FLYWHEEL HOUSING ADAPTOR
- 1.6000 CONNECTING ROD AND PISTON
- 1.7000 CAMSHAFT AND GEAR TRAIN
- 1.7000A BALANCE WEIGHT COVER
- 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 INJECTOR CONTROLS ELECTRONIC
- 2.2000 FUEL PUMP
- 2.3000A FUEL FILTER AND STRAINER
- 2.4000 FUEL MANIFOLD AND/OR CONNECTIONS
- 2.5000A FUEL LINES AND FUEL COOLER

3.0000 AIR SYSTEM

- 3.1000A AIR CLEANER
- 3.3000A AIR INLET HOUSING
- 3.3000C AIR INTAKE MANIFOLD
- 3.5000A TURBOCHARGER

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 TUBE
- 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
- 5.2000A WATER OUTLET ELBOW
- 5.2000B THERMOSTAT
- 5.2000C WATER BYPASS TUBE
- 5.3000B WATER CONNECTIONS
- 5.4000A FAN
- 5.5000A HEAT EXCHANGER OR KEEL COOLING
- 5.6000A RAW WATER PUMP

6.0000 EXHAUST SYSTEM

- 6.1000A EXHAUST MANIFOLD
- 6.2000A EXHAUST MUFFLER AND/OR CONNECTIONS

7.0000 ELECTRICAL INSTRUMENTS

- 7.1000A BATTERY CHARGING GENERATOR
- 7.3000A STARTING MOTOR
- 7.4000C SHUT-OFF OR ALARM SYSTEM
- 7.7000A WIRING HARNESS
- 7.7000B THROTTLE & GEAR CONTROL SYS. ELECTRONIC
- 7.7000C CRT & LCD DISPLAY SYS ELECTRONIC

9.0000 TRANSMISSION AND PROPULSION

- 9.1000A HYDRAULIC MARINE GEAR
- 9.2000A REVERSE & RED.GEAR

11.0000 ENGINE MOUNTING

- 11.1000A ... ENGINE MOUNTING AND BASE

12.0000 MISCELLANEOUS

- 12.4000A ... AIR COMPRESSOR
- 12.6000B ... AIR STARTER
- 12.6000C ... COLD WEATHER STARTING AID
- 12.7000A ... APPEARANCE PACKAGE PARTS
- 12.8000A ... SUPPLIES/MAINTENANCE PRODUCTS

PART NAME	GROUP NO.	PART NAME	GROUP NO.
A			
ACTUATOR ASSEMBLY, TROLL VALVE	7. 7420B	CAP, OIL FILLER	4. 5010A
ACTUATOR ASSY.	3. 3012A	CHAIN, OIL FILLER CAP	4. 5030A
ACTUATOR ASSY., GEAR	7. 7460B	CLAMP, AIR INLET PIPE HOSE	3. 1280A
ACTUATOR, TROLL VALVE	7. 7422B	CLAMP, BREATHING TUBE	4. 8039A
ADAPTOR ASSY., OIL COOLER	4. 1644B	CLAMP, EXHAUST MANIFOLD FRESH	5. 3434B
ADAPTOR, AIR INLET MANIFOLD	3. 3004A	WATER INLET HOSE	
ADAPTOR, DIPSTICK	4. 6030A	CLAMP, INJECTOR	2. 1270A
ADAPTOR, EXHAUST MANIFOLD	6. 1003A	CLAMP, OIL COOLER WATER INLET	5. 3366B
ADAPTOR, EXHAUST OUTLET	6. 2120A	CONNECTION	
ADAPTOR, FLYWHEEL HOUSING	1. 5130B	CLAMP, WATER OUTLET MANIFOLD TUBE HOSE	5. 2048A
ADAPTOR, OIL FILLER TUBE	4. 5005A	CLEANER, COOLANT SYSTEM	12.8270A
ADAPTOR, OIL FILTER ASSY.	4. 2352A	CLIP, AIR COMPRESSOR WATER TUBE	12.4095A
ADAPTOR, OIL FILTER COVER	4. 2291A	CLIP, BREATHING TUBE	4. 8040A
ADDITIVES, DIESEL FUEL	12.8280A	CLIP, CYLINDER HEAD INLET	2. 5180A
ADDITIVES, SUPPLEMENTAL COOLANT	12.8260A	CLIP, DIPSTICK	4. 6040A
AIR STARTER ASSY.	12.6080B	CLIP, FILTER OUTLET TUBE	2. 5156A
AIR, CLEANER ASSY.	3. 1001A	CLIP, FUEL DRAIN	2. 5220A
APPEARANCE PACKAGE PARTS - SECTION 1	12.7001A	CLIP, FUEL PUMP TO FILTER HOSE	2. 5120A
B			
BALL, LUBE OIL STRAINER BYPASS VALVE	4. 2130A	CLIP, FUEL PUMP TO JUNCTION BLOCK HOSE	2. 5146A
BASE BREATHING	4. 8048A	CLIP, RAW WATER DRAIN HOSE	5. 6570A
BASE, ENGINE MOUNTING	11.1001A	CLIP, TURBOCHARGER OIL SUPPLY TUBE	3. 5502A
BEARING, CONNECTING ROD PISTON PIN	1. 6090	CLIP, WATER CROSSOVER TUBE	5. 3476B
BELT, CRANKSHAFT PULLEY DRIVE	1. 3320D	COLD WEATHER STARTING AID KIT	12.6301C
BELT, GENERATOR DRIVE	7. 1575A	COLLECTOR ASSEMBLY	4. 8200A
BLADE, FAN HIGH LOW AND CRANKSHAFT MOUNTED	5. 4010A	COMPRESSOR ASSY., AIR	12.4001A
BLOCK, CYLINDER	1. 1001	CONNECTING ROD ASSY.	1. 6001
BODY, BREATHING OR SEPARATOR	4. 8050A	CONNECTION, EXHAUST MANIFOLD	5. 3430B
BOLT, ENGINE LIFTER EYE	1. 2100A	FRESH WATER INLET	
BOLT, EXHAUST MANIFOLD TO HEAD	6. 1025A	CONNECTION, FLEXIBLE EXHAUST	6. 2095A
BOLT, ROCKER COVER	1. 8460A	CONNECTION, HEAT EXCHANGER INLET	5. 3314B
BOTTLE, COOLANT RECOVERY	5. 5193A	CONNECTION, HEAT EXCHANGER	5. 3312B
BRACKET ASSY., ELECTRONIC CONTROL MODULE MOUNTING	2. 1503B	WATER OUTLET	
BRACKET, AIR SHUTOFF SOLENOID LIMIT SWITCH	7. 4535C	CONNECTION, OIL COOLER WATER INLET	5. 3350B
BRACKET, BOAT BUILDER INTERFACE MODULE	2. 1514B	CONNECTIONS, COLLECTOR	4. 8250A
BRACKET, ENGINE LIFTER-FRONT	1. 2070A	CONNECTOR, BREATHING TUBE	4. 8021A
BRACKET, ENGINE LIFTER-REAR	1. 2080A	CONNECTOR, COMMUNICATIONS	2. 1765B
BRACKET, ENGINE SUPPORT	11.1075A	CONNECTOR, EXHAUST MANIFOLD FRESH	5. 3436B
BRACKET, FAN BELT TENSIONER ASSY.	5. 4342A	WATER OUTLET	
BRACKET, FAN SUPPORT	5. 4027A	CONNECTOR, TURBOCHARGER	3. 5305A
BRACKET, FUEL FILTER MOUNTING	2. 3530A	EXHAUST INLET	
BRACKET, GENERATOR ADJUSTING STRAP	7. 1582A	COOLER ASSY., FUEL	5. 5425A
BRACKET, GENERATOR MOUNTING	7. 1595A	CORE, OIL COOLER-ENGINE	4. 4001A
BRACKET, HEAT EXCHANGER MOUNTING	5. 5070A	CORE, OIL COOLER-MARINE GEAR	4. 4002A
BRACKET, OIL COOLER HOUSING SUPPORT	4. 4100A	COUPLING, ACCESSORY DRIVE	1. 7635B
BRACKET, OIL FILLER TUBE CLAMP	4. 5004A	COVER ASSY., DRIVE	1. 7700B
BRACKET, OIL PUMP OUTLET PIPE	4. 1575B	COVER ASSY., ROCKER	1. 8450A
BRACKET, OIL PUMP SCREEN SUPPORT	4. 1540B	COVER, AIR COMPRESSOR FUEL PUMP HOLE	12.4034A
BRACKET, REVERSE GEAR MOUNTING	9. 1011A	COVER, BALANCE WEIGHT	1. 7470A
BRACKET, STARTING MOTOR SUPPORT	7. 3007A	COVER, BALANCE WEIGHT COVER HOLE	1. 7490A
BRACKET, WATER CROSSOVER TUBE	5. 3475B	COVER, CRANKSHAFT FRONT	1. 3160A
BRIDGE, EXHAUST VALVE	1. 8343	COVER, CRANKSHAFT FRONT COVER	1. 3195A
BUSHING, CONNECTING ROD PISTON PIN	1. 6040	SMALL HOLE	
C			
CAMSHAFT ASSY.	1. 7001	COVER, ENGINE FRONT ACCESSORY DRIVE	1. 3191A
CAP, EXPANSION TANK	5. 5140A	COVER, ENGINE FRONT LOWER	1. 3162A
		COVER, EXHAUST MANIFOLD	6. 1015A
		COVER, FLYWHEEL HOUSING	1. 5085A
		COVER, FLYWHEEL HOUSING ACCESSORY	1. 5061A
		HOLE	
		COVER, FLYWHEEL HOUSING INSPECTION	1. 5080A
		HOLE	
		COVER, FLYWHEEL HOUSING LARGE HOLE	1. 5030A
		COVER, FLYWHEEL HOUSING OIL HOLE	1. 5117A
		COVER, FLYWHEEL HOUSING SMALL HOLE	1. 5050A
		COVER, FRESH WATER PUMP BODY	5. 1031
		COVER, FUEL FILTER	2. 3390A
		COVER, GEAR CASE	1. 3158A

PART NAME	GROUP NO.	PART NAME	GROUP NO.
COVER, HEAT EXCHANGER	5. 5030A	GAGE, FUEL VOLUME	12.8350A
COVER, OIL COOLER HOUSING	4. 4060A	GAGE, HOUR METER	12.8370A
COVER, OIL FILLER HOLE	4. 5070A	GAGE, OIL PRESSURE - ENGINE	12.8330A
COVER, STARTING MOTOR HOLE	7. 3738A	GAGE, OIL PRESSURE - TRANSMISSION	12.8335A
COVER, THERMOSTAT HOUSING	5. 2120B	GAGE, OIL TEMPERATURE	12.8340A
COVER, WATER PUMP	5. 1235A	GAGE, SPEEDOMETER	12.8385A
CRANKSHAFT ASSY.	1. 3001	GAGE, TACHOMETER	12.8320A
CUSHION, ENGINE MOUNTING BASE	11.1010A	GAGE, TURBO BOOST	12.8375A
ISOLATION PAD		GAGE, VOLTMETER	12.8380A
CYLINDER KIT	1. 6182	GAGE, WATER TEMPERATURE	12.8345A
CYLINDER, SEQUENTIAL ACTUATOR	6. 1008A	GASKET, ACCESSORY DRIVE	1. 7604B
		GASKET, AIR INLET HOUSING FLANGE	3. 3007A
		GASKET, AIR INLET MANIFOLD	3. 3311A
		GASKET, BALANCE WEIGHT COVER HOLE	1. 7500A
		GASKET, BREATHER BODY OR SEPARATOR	4. 8070A
		GASKET, COVER ASSY. DRIVE	1. 7725B
		GASKET, CRANKSHAFT FRONT COVER	1. 3170A
		GASKET, CRANKSHAFT FRONT COVER	1. 3196A
		SMALL HOLE COVER	
		GASKET, CYLINDER HEAD COMPRESSION	1. 2010
		GASKET, ENGINE FRONT ACCESSORY DRIVE	1. 3192A
		GASKET, EXHAUST CROSSOVER TUBE	6. 1183A
		GASKET, EXHAUST MANIFOLD	6. 1010A
		GASKET, EXHAUST MANIFOLD ADAPTOR	6. 1012A
		GASKET, EXHAUST MANIFOLD COVER	6. 1017A
		GASKET, EXHAUST OUTLET	6. 2105A
		GASKET, EXPANSION TANK FILLER NECK	5. 5130A
		GASKET, FLYWHEEL HOUSING	1. 5010A
		GASKET, FLYWHEEL HOUSING ACCESSORY	1. 5062A
		HOLE COVER	
		GASKET, FLYWHEEL HOUSING COVER	1. 5095A
		GASKET, FLYWHEEL HOUSING LARGE	1. 5040A
		HOLE COVER	
		GASKET, FLYWHEEL HOUSING OIL HOLE COVER	1. 5118A
		GASKET, FLYWHEEL HOUSING SMALL	1. 5060A
		HOLE COVER	
		GASKET, FRESH WATER PUMP	5. 1010
		GASKET, FRESH WATER PUMP BODY COVER	5. 1032
		GASKET, FUEL MANIFOLD	2. 4013
		GASKET, FUEL PUMP TO ENGINE	2. 2007
		GASKET, LOWER OIL PAN	4. 7040A
		GASKET, LUBE OIL STRAINER BYPASS VALVE	4. 2160A
		GASKET, OIL COOLER BYPASS VALVE PLUG	4. 4170A
		GASKET, OIL COOLER CORE PLATE	4. 4020A
		GASKET, OIL COOLER CORE-INNER	4. 4030A
		GASKET, OIL COOLER WATER INLET	5. 3360B
		CONNECTION	
		GASKET, OIL FILLER HOLE COVER	4. 5080A
		GASKET, OIL FILTER ADAPTOR TO OIL	4. 2293A
		COOLER ADAPTOR	
		GASKET, OIL FILTER BYPASS VALVE HOUSING	4. 2389A
		GASKET, OIL PAN TO BLOCK	4. 7030A
		GASKET, OIL PUMP INLET PIPE	4. 1520B
		GASKET, OIL PUMP OUTLET PIPE	4. 1590B

D

DAMPER, VIBRATION	1. 3210B
DIPSTICK	4. 6001A
DISC, FUEL PUMP DRIVE	2. 2228
DRIVE ASSY., ACCESSORY	1. 7600B

E

ELBOW, EXHAUST CROSSOVER TUBE	6. 1181A
ELBOW, EXHAUST MANIFOLD	6. 1018A
ELBOW, HEAT EXCHANGER RAW WATER INLET	5. 6582A
ELBOW, HEAT EXCHANGER RAW	5. 6584A
WATER OUTLET	
ELBOW, RAW WATER PUMP INLET	5. 6573A
ELBOW, RAW WATER PUMP OUTLET	5. 6572A
ELBOW, THERMOSTAT HOUSING	5. 2122B
COVER OUTLET	
ELBOW, WATER INLET	5. 1300A
ELBOW, WATER OUTLET MANIFOLD	5. 2035A
ELEMENT, AIR CLEANER	3. 1050A
ELEMENT, OIL FILTER	4. 2250A
EXHAUST ADAPTOR, WASTEGATE	3. 5015A
EXTENSION, BREATHER TUBE	4. 8010A

F

FILTER ASSY., OIL	4. 2240A
FILTER ASSY., SPIN-ON FUEL	2. 3316A
FILTER UNIT, BREATHER	4. 8060A
FLANGE, EXHAUST	6. 2085A
FLANGE, MARINE GEAR DRIVE	9. 1004A
FLANGE, OIL DRAIN	1. 3185A
FLYWHEEL ASSY.	1. 4001A
FOLLOWER ASSY., CAMSHAFT	1. 8260
FORK, FUEL PUMP COUPLING	2. 2220
FUEL SYSTEM PRODUCTS	12.8006A

G

GAGE, AIR PRESSURE	12.8315A
GAGE, AMMETER	12.8310A

PART NAME	GROUP NO.	PART NAME	GROUP NO.
GASKET, RAW WATER PUMP	5. 6350A	HOSE, OIL COOLER INLET OIL	4. 4192A
GASKET, RAW WATER PUMP INLET ELBOW	5. 6574A	HOSE, OIL COOLER OUTLET OIL	4. 4195A
GASKET, RAW WATER PUMP OUTLET TUBE	5. 6581A	HOSE, OIL COOLER WATER INLET CONNECTION	5. 3365B
GASKET, ROCKER COVER	1. 8455A	HOSE, OIL COOLER WATER OUTLET	5. 3422B
GASKET, STARTING MOTOR	7. 3004A	HOSE, OIL DRAIN	4. 8187A
GASKET, THERMOSTAT HOUSING	5. 2110B	HOSE, RAW WATER PUMP DRAIN	5. 6560A
GASKET, THERMOSTAT HOUSING COVER	5. 2130B	HOSE, TURBOCHARGER AIR OUTLET CONNECTION	3. 5420A
GASKET, TURBOCHARGER EXHAUST INLET CONNECTION	3. 5307A	HOSE, TURBOCHARGER WATER INLET	5. 3273B
GASKET, WATER INLET ELBOW	5. 1305A	HOSE, WATER BYPASS TUBE	5. 2165C
GASKET, WATER OUTLET MANIFOLD ELBOW	5. 2037A	HOSE, WATER CROSSOVER TUBE	5. 3474B
GASKET, WATER PUMP COVER	5. 1236A	HOSE, WATER OUTLET MANIFOLD TUBE	5. 2047A
GEAR ASSY., DRIVE PUMP	9. 2036A	HOUSING ASSY., FLYWHEEL	1. 5001A
GEAR ASSY., HYDRAULIC MARINE	9. 1001A	HOUSING ASSY., GEAR CASE	1. 3156A
GEAR ASSY., IDLER	1. 5129A	HOUSING ASSY.,AIR INLET	3. 3001A
GEAR ASSY., REVERSE AND REDUCTION	9. 2001A	HOUSING, ACCESSORY DRIVE	1. 7627B
GEAR, ACCESSORY DRIVE SHAFT	1. 7642B	HOUSING, AIR SHUTOFF CONTROL	7. 4550C
GEAR, CAMSHAFT	1. 7200	HOUSING, HEAT EXCHANGER FRESH WATER OUTLET	5. 5325A
GEAR, CRANKSHAFT (TIMING)	1. 3145	HOUSING, INTERCOOLER	3. 5432A
GEAR, CRANKSHAFT TIMING	1. 7445	HOUSING, OIL COOLER-ENGINE	4. 4050A
GEAR, FLYWHEEL RING	1. 4010A	HOUSING, OIL FILTER BYPASS VALVE	4. 2388A
GENERATOR ASSY.	7. 1001A	HOUSING, THERMOSTAT	5. 2090B
GUARD, GENERATOR DRIVE BELT AND PULLEY	7. 1585A	HOUSING, TRANSFER OIL/WATER	4. 4189A
GUIDE, DIPSTICK	4. 6020A	HUB, FLYWHEEL FLEXIBLE COUPLING	1. 4080A
GUIDE, EXHAUST VALVE	1. 8320	HUB, IDLER GEAR	1. 5130A
		HUB, VIBRATION DAMPER	1. 3230B
H			
HAND CLEANERS	12.8070A		
HARNESS, AIR SHUTOFF WIRING	7. 4545C	I	
HARNESS, ECM BOAT BUILDER INTERFACE MODULE	2. 1690B	INJECTOR ASSY.	2. 1001A
HARNESS, ELECTRONIC DISTRIBUTOR UNIT TO INJECTOR	2. 1700B	INTERCOOLER, TURBOCHARGER	3. 5425A
HARNESS, ENGINE SENSORS TO DISCONNECT	2. 1720B	J	
HARNESS, ENGINE SENSORS TO ECM	2. 1704B	JUNCTION BLOCK, TO FUEL MANIFOLD	2. 4018
HARNESS, ENGINE WIRING	7. 7001A	K	
HARNESS, POWER INTERFACE	2. 1740B	KIT, BREATHER ELEMENT	12.8018A
HARNESS, VEHICLE INTERFACE	2. 1703B	KIT, COOLANT ANALYSIS	12.8290A
HARNESS, WRG ECM INTERFACE	7. 7003A	KIT, ENGINE UPGRADE	12.8015A
HARNESS, WRG ECM POWER	7. 7002A	KIT, FILTER MAINTENANCE-FUEL/OIL	12.8005A
HEAD ASSY., CYLINDER	1. 2001	KIT, FUEL ANALYSIS	12.8293A
HOSE, AIR INLET PIPE	3. 1270A	KIT, LINER AND SEALS	1. 6181
HOSE, BREATHER EXTENSION	4. 8175A	KIT, OIL ANALYSIS	12.8291A
HOSE, DE-AERATION	5. 3283B	KIT, WASTEGATE ACTUATOR	3. 5004A
HOSE, EXHAUST, MANIFOLD FRESH WATER INLET	5. 3432B	L	
HOSE, FILTER TO CYLINDER HEAD	2. 5160A	LAMP, INSTRUMENTS PANEL	12.8360A
HOSE, FRESH WATER OUTLET	5. 3446B	LCD DISPLAY ASSEMBLY	7. 7701C
HOSE, FUEL DRAIN	2. 5215A	LEVER CONTROL ASSEMBLY	7. 7401B
HOSE, FUEL DRAIN CROSSOVER	2. 5206A	LEVER CONTROL, GEAR AND THROTTLE	7. 7430B
HOSE, FUEL PUMP OUTLET TO FILTER	2. 5110A	LEVER, AIR INLET HOUSING SHUTDOWN VALVE	3. 3090A
HOSE, FUEL PUMP TO JUNCTION BLOCK	2. 5144A		
HOSE, FUEL SUPPLY	2. 5009A		
HOSE, JUNCTION BLOCK TO BOOST COOLER	2. 5183A		

PART NAME	GROUP NO.	PART NAME	GROUP NO.
LEVER, AIR SHUTOFF	7. 4536C	RING, ENGINE FRONT TRUNNION MOUNTING	11.1094A
LIMITER ASSY., COLLECTOR VACUUM	4. 8240A	SUPPORT CUSHION	
LINE, FUEL INJECTION INTERNAL	2. 1006A	RING, PISTON COMPRESSION	1. 6120
LINER, CYLINDER	1. 6180	RING, PISTON OIL CONTROL	1. 6130
LOCK, EXHAUST VALVE SPRING	1. 8370	ROD, AIR SHUTOFF SOLENOID CONTROL	7. 4538C
LOCKRING, ACCESSORY DRIVE	1. 7650B	ROD, PUSH	1. 8180
LUBRICATING COMPOUND THREAD	12.8110A	ROTATOR, VALVE	1. 8365
M		S	
MANIFOLD, AIR INLET	3. 3310A	SCREEN, OIL PUMP INLET	4. 1530B
MANIFOLD, EXHAUST	6. 1001A	SCREW, FAN BRACKET ADJUSTING	5. 4290A
MANIFOLD, FUEL	2. 4010	SCREW, FUEL FILTER COVER	2. 3410A
MODULE ASSY., ELECTRONIC INJECTOR	2. 1501B	SEAL, AIR INLET HOUSING SHUTDOWN	3. 3055A
CONTROL		VALVE SHAFT	
MODULE, BOAT BUILDER INTERFACE	2. 1512B	SEAL, BALANCE WEIGHT COVER OIL	1. 7472A
MODULE, CONTROL STATION INTERFACE	7. 7450B	SEAL, CRANKSHAFT OIL-FRONT	1. 3166A
MODULE, ENGINE ROOM INTERFACE	7. 7440B	SEAL, CRANKSHAFT OIL-REAR	1. 5004A
MOTOR ASSY., STARTING	7. 3001A	SEAL, CYLINDER LINER	1. 6190
N		SEALANT, RTV	12.8255A
NECK, EXPANSION TANK FILLER	5. 5120A	SEAT, EXHAUST VALVE SPRING	1. 8360
NOZZLE ASSY., OIL SPRAY	4. 1569B	SENSOR, AIR PRESSURE	2. 1650B
O		SENSOR, AIR TEMPERATURE	2. 1647B
OIL, ENGINE LUBRICATING	12.8025A	SENSOR, COOLANT LEVEL	2. 1665B
P		SENSOR, COOLANT PRESSURE	2. 1675B
PAINT, ENGINE TOUCH-UP	12.8001A	SENSOR, MAG. CRANKSHAFT	2. 1620B
PAN, OIL	4. 7001A	SENSOR, MAG. IDLER	2. 1610B
PAN, OIL-LOWER	4. 7020A	SENSOR, OIL OR FUEL PRESSURE	2. 1600B
PAN, OIL-UPPER	4. 7010A	SENSOR, OIL, FUEL OR COOLANT	2. 1630B
PANEL, CONTROL	7. 7470B	TEMPERATURE	
PANEL, ENGINE SUPPORT REAR	11.1115A	SENSOR, PROPELLER SPEED	7. 7424B
PANEL, INSTRUMENTS	12.8300A	SEPARATOR, FUEL WATER	2. 3590A
PIN, PISTON	1. 6140	SHAFT AND ARMS ASSY., ROCKER COMPLETE	1. 8055
PIPE ASSY., BREATHER	4. 8001A	SHAFT, AIR INLET HOUSING SHUTDOWN VALVE	3. 3050A
PIPE, OIL PUMP INLET	4. 1510B	SHELL ASSY., OIL COOLER TUBE TYPE	4. 4003A
PIPE, OIL PUMP OUTLET	4. 1580B	SHELL, BREATHER	4. 8055A
PISTON KIT	1. 6110	SHELL, CONNECTING ROD BEARING	1. 6100
PLATE ASSY., ACCESSORY DRIVE	1. 7630B	SHELL, CRANKSHAFT MAIN BEARING	1. 3090
PLATE ASSY., ELECTRONIC DISTRIBUTOR	2. 1520B	SHIELD, GENERATOR	7. 1005A
UNIT COLD		SHIELD, WATER ECM	2. 1523B
PLATE, AIR SHUTOFF CONTROL INSTRUCTION	7. 4529C	SHIELDING, FLEXIBLE HOSE	2. 5255A
PLATE, ENGINE SUPPORT	11.1110A	SHIM, ENGINE REAR SUPPORT	11.1102A
PLUG, LUBE OIL STRAINER BYPASS VALVE	4. 2150A	SHIM, ENGINE SUPPORT	11.1080A
PLUG, OIL COOLER BYPASS VALVE	4. 4160A	SLEEVE, CRANKSHAFT OIL SEAL	1. 3167A
PLUG, OIL PAN DRAIN	4. 7080A	SLEEVE, VIBRATION DAMPER HUB	1. 3232B
PULLEY AND HUB ASSY., FAN	5. 4015A	SOCKET, LAMP INSTRUMENTS PANEL	12.8365A
PULLEY, CRANKSHAFT	1. 3280C	SOLENOID, AIR SHUTOFF OR GOVERNOR	7. 4519C
PULLEY, GENERATOR	7. 1500A	SPACER, ACCESSORY DRIVE BEARING	1. 7652B
PUMP ASSY., FRESH WATER	5. 1001	SPACER, ENGINE SUPPORT	11.1073A
PUMP ASSY., FUEL	2. 2001	SPRING, AIR INLET HOUSING SHUTDOWN	3. 3070A
PUMP ASSY., HYDRAULIC MARINE GEAR OIL	9. 1475A	VALVE TENSION	
PUMP ASSY., OIL	4. 1001A	SPRING, AIR SHUTOFF CONTROL ROD	7. 4543C
PUMP ASSY., RAW WATER	5. 6001A	SPRING, EXHAUST VALVE	1. 8340
R		SPRING, LUBE OIL STRAINER BYPASS	4. 2140A
RELAY ASSY., STARTER MOTOR TIME DELAY	7. 3737A	VALVE BALL	
RELIEF, VALVE OIL PRESSURE	4. 1671C	SPRING, OIL COOLER BYPASS VALVE	4. 4150A
RETAINER, CRANKSHAFT PULLEY	1. 3290C	STRAINER, AIR COMPRESSOR ON	12.4300A
RETAINER, PISTON PIN	1. 6150	COMPRESSOR	
RING SET, PISTON	1. 6115	STRAINER, OIL FILLER TUBE	4. 5020A
		STRAP, GENERATOR ADJUSTING	7. 1580A
		STUD, EXHAUST MANIFOLD OUTLET	6. 1050A
		STUD, EXHAUST MANIFOLD TO	6. 1022A
		TURBOCHARGER	
		STUD, FRESH WATER PUMP MOUNTING	5. 1020
		STUD, INJECTOR CLAMP	2. 1280A
		SUPPORT ASSY., CRANKSHAFT REAR	1. 5021A
		SUPPORT, ENGINE FRONT TRUNNION	11.1090A
		MOUNTING	

PART NAME	GROUP NO.	PART NAME	GROUP NO.
SUPPORT, ENGINE REAR	11.1100A	TUBE, INJECTOR HOLE	2. 1290A
SUPPORT, FAN MOUNTING	5. 4025A	TUBE, JUNCTION BLOCK INLET	4. 1581B
SUPPORT, INJECTOR CLAMP	2. 1275A	TUBE, JUNCTION BLOCK TO CYLINDER HEAD	2. 5175A
SWITCH, EMERGENCY BACKUP	7. 7465B	TUBE, OIL COOLER INLET	1. 3186A
SWITCH, SHUTDOWN SOLENOID MICRO	7. 4520C	TUBE, OIL COOLER WATER OUTLET	4. 4270A
SWITCH, WATER HEATER CONTROL	12.6405C	TUBE, OIL DRAIN	4. 1642B
T		TUBE, OIL FILLER	4. 5001A
TANK, FRESH WATER EXPANSION	5. 5090A	TUBE, RAW WATER PUMP OUTLET	5. 6580A
TENSIONER, BELT	5. 4340A	TUBE, TURBOCHARGER OIL SUPPLY	3. 5500A
THERMOSTAT	12.6430C	TUBE, TURBOCHARGER WATER RETURN	5. 3269B
THERMOSTAT ASSY.	5. 2050B	TUBE, WATER BYPASS	5. 2160C
THREADLOCK & SEALER	12.8242A	TUBE, WATER OUTLET MANIFOLD	5. 2045A
TUBE ASSY., FUEL SUPPLY	2. 1004A	TUBE, WATER PUMP INLET	5. 3329B
TUBE, AIR BOX DRAIN	1. 1100A	TURBOCHARGER	3. 5001A
TUBE, AIR COMPRESSOR LUBE OIL SUPPLY	12.4065A	V	
TUBE, AIR COMPRESSOR WATER INLET	12.4085A	VALVE ASSY., TROLLING (TWIN DISC)	9. 1022A
TUBE, AIR COMPRESSOR WATER OUTLET	12.4090A	VALVE BODY ASSY., WASTEGATE	3. 5014A
TUBE, COOLER TO FILTER HEAD	2. 5153A	VALVE, EXHAUST	1. 8310
TUBE, EXHAUST CROSSOVER	6. 1180A	VALVE, FUEL DRAIN CHECK	2. 5209A
TUBE, FILTER TO CYLINDER HEAD	2. 5149A	VALVE, FUEL SYSTEM SHUTOFF	2. 5260A
TUBE, FUEL DRAIN	2. 5210A	VALVE, INTAKE	1. 8315
TUBE, FUEL DRAIN CROSSOVER	2. 5205A	VALVE, LUBE OIL STRAINER BYPASS	4. 2120A
TUBE, FUEL FILTER TO JUNCTION BLOCK	2. 5148A	VALVE, OIL COOLER BYPASS	4. 4140A
TUBE, FUEL PUMP OUTLET TO FUEL COOLER	2. 5111A	VALVE, SEQUENTIAL ACTUATOR	6. 1007A
TUBE, FUEL PUMP TO FILTER	2. 5100A	VALVE, AIR INLET HOUSING SHUTDOWN	3. 3040A
TUBE, FUEL SUPPLY CROSSOVER	2. 5163A	W	
TUBE, HEAT EXCHANGER WATER INLET	5. 5440A	WATER HEATER	12.6403C
TUBE, HEAT EXCHANGER WATER OUTLET	5. 5550A		

DETROIT DIESEL

Custom Parts Catalog

ENGINE DESCRIPTION

SERIES NUMBER: 2000
MODEL NUMBER: R0837K06

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PART #	NAME AND DESCRIPTION	QUANTITY
1.1000	- CYLINDER BLOCK	
BLOCK, CYLINDER		
5412010059	COVER	1
5420100105	BLOCK ASSY., CYLINDER (8V S2000)	1
BLOCK, CYLINDER		
000007008210	PIN, M8 X 24	2
005401999012	BALL, PIPE 6.35MM	1
005401999023	BALL, STEEL M10	4
005401999031	BALL, PIPE 14.288MM	4
5410100023	CAP, MAIN BEARING	4
5410100123	CAP ASSY., MAIN BEARING THRUST	1
5410510010	BEARING, CAMSHAFT	4
5410510110	BEARING, CAMSHAFT	1
5420110001	CRANKCASE, 8V S2000	1
000908060000		
0009973532	PLUG, M50 X 2	1
007604014100	PLUG, M26 X 1.5	4
3269971020	PLUG, THREADED M14 X 1.5	2
4030110026	PLUG, CUP 40.3 MM DIA	3
4039970420	PLUG, RIVET TYPE 4	1
5419970032	PLUG, CUP	5
007603060101	PLUG	5
5410110071	SEAL RING, 60 X 68 COPPER	1
5419900101	BOLT, MAIN BEARING CAP (S2000)	10
007603014106	BOLT, MAIN BEARING CAP CROSS	10
007603018101	WASHER, A14 X 20 COPPER	2
007603026104	WASHER, A18 X 22 COPPER	1
007603030101	WASHER, A26 X 31 COPPER	4
001474004018	WASHER, A30 X 36 COPPER	5
007604014100	CYL GROOVE PIN 4X10	2
23526011	PLUG, THREADED M14 X 1.5	3
304017010043	GASKET, COVER PLATE	1
007603014106	BOLT, M10 X 20	2
	WASHER, A14 X 20 COPPER	3
1.1000A	- AIR BOX DRAINS	
TUBE, AIR BOX DRAIN		
5244760224	FITTING, M27 X 2 ISO 6149 TO 1 1/16"-12	2
5311880020	TUBE ASSY., TURBO OIL DRAIN (RB 8V, LB 12V)	1
5311880120	TUBE ASSY., TURBO OIL DRAIN (LB 8V, RB 12V)	1
6929285	GASKET (3.5505)	2
11509511	BOLT, M8 X 1.25 X 20 MM	4
1.2000	- CYLINDER HEAD	
HEAD ASSY., CYLINDER		
5310100120	HEAD ASSY., CYLINDER W/SEAT S2000	8
HEAD ASSY., CYLINDER		
5410100420	HEAD ASSY., CYLINDER W/SEAT	1
5310500031	INSERT, VALVE SEAT INTAKE S2000	2
4570550074	PIN, VALVE BRIDGE	16
6019920325	PIN, SLOT SPR. 10.05 X 15	16
5419900001	BOLT, CYLINDER HEAD MOUNTING	32
GASKET, CYLINDER HEAD COMPRESSION		
5410160420	GASKET, CYLINDER HEAD	8

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1.2000A - ENGINE LIFTER BRACKET		
BRACKET, ENGINE LIFTER-FRONT		
5412231141	BRACKET ASSY., ENGINE LIFTER L-FRNT	1
5412231241	BRACKET ASSY., ENGINE LIFTER R-FRNT	1
910105014012	BOLT, M14 X 1.5 X 30	2
BRACKET, ENGINE LIFTER-REAR		
23524072	BRACKET ASSY., ENGINE LIFTER L-REAR	1
5312240040	BRACKET ASSY., ENGINE LIFTER R-REAR	1
5319900104	BOLT, M12 1.5 X 180	4
5117562	WASHER, 1/2"X15/16"X1/16" (1.8360)	2
1.3000 - CRANKSHAFT		
CRANKSHAFT ASSY.		
5310300301	CRANKSHAFT ASSY., 8V S2000	1
CRANKSHAFT ASSY.		
5310310201	CRANKSHAFT, 8V2000	1
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	6
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	12
GEAR, CRANKSHAFT (TIMING)		
5360520103	GEAR, CRANKSHAFT FRONT S2000	1
SHELL, CRANKSHAFT MAIN BEARING		
5410330101	BEARING, UPPER MAIN	5
5410330102	BEARING, LOWER MAIN	5
5410330201	BEARING, UPPER MAIN (OVERSIZE)	A/R
5410330202	BEARING, LOWER MAIN (OVERSIZE)	A/R
5410330962	THRUST WASHER, 5.375 W	4
5410331062	THRUST WASHER, 5.625 W (REPAIR SIZE)	A/R
1.3000A - CRANKSHAFT FRONT COVER		
COVER, GEAR CASE		
5310100333	GEAR CASE ASSY.	1
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11509513	BOLT, M8 X 1.25 X 40 MM	5
11509514	BOLT, M8 X 1.25 X 50 MM	3
11509515	BOLT, M8 X 1.25 X 60 MM	4
5311550076	WASHER, SUPPORT	1
COVER, ENGINE FRONT LOWER		
5361870096	COVER, OIL TRANSFER	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
11505295	BOLT, M10 X 1.5 X 30.0 MM	2
SLEEVE, CRANKSHAFT OIL SEAL		
5360150049	SLEEVE	1
GASKET, CRANKSHAFT FRONT COVER		
5310150080	GASKET, GEAR CASE TO BLOCK	1
700429036000	SEAL RING, 36 X 2	1
FLANGE, OIL DRAIN		
5310100076	FLANGE, OIL DRAIN	1
5311870080	GASKET, GEARCASE DRAIN S2000	2
TUBE, OIL COOLER INLET		
5360980245	TUBE, OIL COOLER INLET S2000	1
5310180024	ELBOW, OIL DRAIN	1
23521607	BOLT M8 1.25 X 30.0 LG 12PT HD	2
COVER, ENGINE FRONT ACCESSORY DRIVE		
23517362	COVER, ACSRY REAR 6 HOLE	1
11505295	BOLT, M10 X 1.5 X 30.0 MM	6
GASKET, ENGINE FRONT ACCESSORY DRIVE		

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1.3000A - CRANKSHAFT FRONT COVER		
8929299	GASKET, ACCESSORY FRONT	1
COVER, CRANKSHAFT FRONT COVER SMALL HOLE		
5360520120	COVER, OIL FILL	1
5361840009	COVER, OIL SUPPLY	1
5361870196	COVER, WATER INLET S2000	1
11509511	BOLT, M6 X 1.25 X 20 MM	7
GASKET, CRANKSHAFT FRONT COVER SMALL HOLE COVER		
23508392	RING, SEAL	1
23521760	SEAL RING, (ROUND SECTION)	2
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
5360520180	GASKET, S2000	1
1.3000B - VIBRATION DAMPER		
DAMPER, VIBRATION		
5310350149	SPACER DAMPER S2000	1
5310350200	DAMPER, VIBRATION (VISCOUS TORSIONAL)	2
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT	1
HUB, VIBRATION DAMPER		
23524933	HUB ASSY., CRANKSHAFT S2000	1
HUB, VIBRATION DAMPER		
23524835	HUB, VIBRATION DAMPER S2000	1
SLEEVE, VIBRATION DAMPER HUB		
5360320014	WEAR SLEEVE, CRANKSHAFT FRONT	1
1.3000C - CRANKSHAFT PULLEY		
PULLEY, CRANKSHAFT		
5360320604	PULLEY, CRANKSHAFT 12 PL 295 DIA	1
RETAINER, CRANKSHAFT PULLEY		
23524934	BOLT, M14 X 2.00 X 170.00 LG	14
1.3000D - CRANKSHAFT PULLEY BELT		
BELT, CRANKSHAFT PULLEY DRIVE		
5319970392	BELT, POLY-VEE 2.22 WIDE, 80.76 LONG	1
1.4000A - FLYWHEEL		
FLYWHEEL ASSY.		
23523990	FLYWHEEL, SAE #1 DRY DDC 8/12V S2000	1
FLYWHEEL ASSY.		
5310321001	FLYWHEEL, SAE #1 S2000	1
GEAR, FLYWHEEL RING		
5166664	GEAR, SAE #1, 118 TEETH, RH CHAMFER	1
5360310027	RING, WEAR DRY S2000	1
5310320209	PLATE, FLYWHEEL SCUFF	1
000961016027	BOLT, M16 1.5 X 55	14
HUB, FLYWHEEL FLEXIBLE COUPLING		
23525883	HUB ASSY., FLYWHEEL SAE #1	1
HUB, FLYWHEEL FLEXIBLE COUPLING		
23525882	HUB, FLYWHEEL	1
5360520146	WHEEL, TIMING	1
23525542	BOLT, 12 PT M16 X 1.5 X 98	10
1.5000A - FLYWHEEL HOUSING		
HOUSING ASSY., FLYWHEEL		
000007016210	PIN, DOWEL 16H 8 X 24	2
5310130310	HOUSING, FLYWHEEL SAE 1	1
23524022	PLUG, CUP	2
23524460	PLUG ASSY., M27 X 2.0	2
5319970132	PLUG ASSY., M42 X 2	1

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1.5000A - FLYWHEEL HOUSING		
9421770	PLUG, 3 1/4" CUP (12.9320)	2
23522001	SEAL, FLYWHEEL HOUSING OIL PASSAGE	1
5319971845	SEAL RING, (ROUND SECTION)	1
5319971845	SEAL RING, (ROUND SECTION)	1
735073008000		
	PLUG SEAL	1
23521532	BOLT	6
5419900204	BOLT, M12 X 1.5 X 167	4
SEAL, CRANKSHAFT OIL-REAR		
5319970147	SEAL, CRANKSHAFT REAR DRY	1
SUPPORT ASSY., CRANKSHAFT REAR		
23524073	SUPPORT ASSY., OUTBOARD BEARING SAE 1	1
SEAL, CRANKSHAFT OIL REAR		
23521816	BEARING, OUTBOARD SUPPORT	1
5310330104	SUPPORT, OUTBOARD BEARING	1
11504822	BOLT, M8 X 1.25 X 30	14
1.6000 - CONNECTING ROD AND PISTON		
CONNECTING ROD ASSY.		
5350300320	ROD, CONNECTING (SERRATED) S2000	8
SHELL, CONNECTING ROD BEARING		
23524823	BEARING SET, CONN ROD STD S2000	8
23524824	BEARING SET, CONN ROD 0.10 U/S S2000	AR
23524825	BEARING SET, CONN ROD 0.25 U/S S2000	AR
23524826	BEARING SET, CONN ROD 0.50 U/S S2000	AR
23524827	BEARING SET, CONN ROD 0.75 U/S S2000	AR
23524828	BEARING SET, CONN ROD 1.00 U/S S2000	AR
PISTON KIT		
5310370401	PISTON, S2000 14:5:1	8
RING SET, PISTON		
23524328	RING SET	1
RING, PISTON COMPRESSION		
0080379219	RING, M COMPRESSION S2000	8
5310370019	RING, TOP KEYSTONE S2000	8
RING, PISTON OIL CONTROL		
5310370018	RING, OIL CONTROL S2000	8
PIN, PISTON		
5410370020	PIN, PISTON (HOLLOW CORE)	8
RETAINER, PISTON PIN		
5419940037	SNAP RING, PISTON PIN	16
LINER, CYLINDER		
5410110310	LINER, CYLINDER S2000	8
KIT, LINER AND SEALS		
23524257	KIT, CYL LINER AND SEALS	AR
SEAL, CYLINDER LINER		
0229974948	RING, SEAL LINER LOWER	16
5410110059	SEAL RING, BRASS UPPER	8
1.7000 - CAMSHAFT AND GEAR TRAIN		
CAMSHAFT ASSY.		
5310510801	CAMSHAFT, HIGH OUTPUT S2000	1
8929335	PIN, DOWEL 8 X 16	2
GEAR, CAMSHAFT		
5360520201	GEAR, CAMSHAFT S2000	1
GEAR ASSY., IDLER		

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PART #	NAME AND DESCRIPTION	QUANTITY
1.7000 - CAMSHAFT AND GEAR TRAIN		
5360500005	GEAR & BUSHING ASSY., IDLER S2000	2
GEAR, IDLER		
5360520002	GEAR, IDLER	1
BUSHING, IDLER GEAR		
5360520050	BUSHING, IDLER GEAR	1
HUB, IDLER GEAR		
5360520105	HUB, IDLER GEAR S2000	2
23505885	DOWEL, SLEEVE OIL PUMP	2
11504972	BOLT, M5 X 1.00 X 30 MM	2
GEAR, CRANKSHAFT TIMING		
23525612	GEAR ASSY., CRANKSHAFT 8V S2000	1
1.7000A - BALANCE WEIGHT COVER		
COVER, BALANCE WEIGHT		
23524859	COVER ASM GEAR CASE	1
FAVVO067	HOSE FLEXIBLE & FITTING ASSY., OIL SUPPLY	1
5319971432	PLUG ASSY., M14 X 1.5	1
000912010020		
	BOLT, M10 X 60	4
11504516	BOLT, M10 X 1.5 X 35 LG	14
11509523	BOLT, M10 X 1.5 X 55 MM	7
23520351	SCREW, M8 X 1.25 X 110	2
007603008109		
	WASHER, A8 X 11.5 COPPER	2
23507367	WASHER, 3/8" VITON (4.4115)	4
5351880066	CONNECTOR, 9/16-18 X M14 X 1.5	2
COVER, BALANCE WEIGHT COVER HOLE		
23505273	COVER PWR STRG PMP	1
5360150030	COVER, ACCESSORY DRIVE S2000	1
11503454	BOLT, M10 X 1.5 X 20.0	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
23519770	BOLT, M12 X 1.75 X 75	2
GASKET, BALANCE WEIGHT COVER HOLE		
23516100	GASKET, PWR STRG PMP COVER/FUEL PUMP	1
5369970745	SEAL, 136.12 ID X 142.88 OD	1
1.8000 - VALVE AND INJECTOR OPERATING MECHANISM		
SHAFT AND ARMS ASSY., ROCKER COMPLETE		
5410500736	ROCKER ARM ASSY., COMPLETE	8
SHAFT AND ARM ASSY., ROCKER COMPLETE		
5410500836	ROCKER ARM, S2000 (PEDESTAL)	1
5419900304	BOLT, M10 X 90	2
ARM ASSY., EXHAUST VALVE ROCKER		
5410500534	ROCKER ARM ASSY., EXHAUST S2000	1
ARM ASSY., INTAKE VALVE ROCKER		
5410500533	ROCKER ARM ASSY., INTAKE S2000	1
SCREW, ROCKER ARM ADJUSTING		
5410550320	SCREW, ADJUSTING	2
000471024000		
	SNAP RING, 24 X 1.2	2
0019908240	SPACER 37 OD X 25 ID X 1 THK	2
4229900051	NUT, HEX M12 ROCKER ARM ADJUSTING S2000	2
ROD, PUSH		
5410540505	ROD, ROCKER ARM PUSH S2000	16
FOLLOWER ASSY., CAMSHAFT		
5410500322	FOLLOWER, CAMSHAFT	16
VALVE, EXHAUST		
5410500227	VALVE, EXHAUST 41MM DIA 145MM LG	16
VALVE, INTAKE		
23525875	VALVE, INTAKE	16

PART #	NAME AND DESCRIPTION	QUANTITY
1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
GUIDE, EXHAUST VALVE 0000533558	SEAL, VALVE STEM	32
SPRING, EXHAUST VALVE 5410530020	SPRING, VALVE S55/2000	32
5419930001	SPRING, VALVE BRIDGE	16
BRIDGE, EXHAUST VALVE 5310500032	BRIDGE ASSY., VALVE	16
BRIDGE, EXHAUST VALVE 9060550120	SCREW VLV BRIDGE ADJ M10 X 1 X 29	1
5319900151	NUT VLV BRIDGE ADJ M10 X 1.5H	1
SEAT, EXHAUST VALVE SPRING 5410530225	RETAINER, VALVE SPRING	32
ROTATOR, VALVE 3669900240	SEAT, VALVE SPRING S55/2000	32
5410160028	SEAT, VALVE BRIDGE SPRING	16
LOCK, EXHAUST VALVE SPRING 5410530126	KEEPER, VALVE	64
1.8000A	- ROCKER COVER	
COVER ASSY., ROCKER 5310160205	COVER, VALVE S2000	2
5310160505	COVER, VALVE S2000	6
GASKET, ROCKER COVER 5310160021	GASKET, VALVE COVER	8
BOLT, ROCKER COVER 910105008022	BOLT, ROCKER COVER MOUNTING S2000	16

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PART #	NAME AND DESCRIPTION	QUANTITY
2.1000A - FUEL INJECTOR		
INJECTOR ASSY.		
5235920	PUMP ASSY., ELECTRONIC UNIT	8
5419900301	BOLT, M10 12PT UNIT PUMP	16
TUBE ASSY., FUEL SUPPLY		
5360702032	TUBE ASSY., HIGH PRESSURE SINGLE PIECE 2.1 MM	8
CLAMP, INJECTOR		
5410780235	CLAMP, INJECTOR NOZZLE HOLDER	8
SUPPORT, INJECTOR CLAMP		
5410100035	COVER ASSY., WITH O-RING	8
STUD, INJECTOR CLAMP		
000931010142	BOLT, M10 X 90	8
TUBE, INJECTOR HOLE		
0000104151	NOZZLE ASSY.	8
2.1000B - INJECTOR CONTROLS ELECTRONIC		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL		
23519308	MODULE, ELEC CONTROL DDEC IV	1
12040542	COVER ECM TERMINAL PROTECTION	1
23513607	COVER COMMUNICATION PROTECTION DDEC III	1
23513608	COVER POWER CONN PROTECTION DDEC III	1
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD		
23512307	ISOLATOR, ECM MOUNT	8
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	4
SENSOR, MAG. IDLER		
0005356533	SENSOR ASSY., SRS/TRS	1
11504986	BOLT, M8 X 1.25 X 14 MM	2
SENSOR, MAG. CRANKSHAFT		
23505977	SENSOR, SRS (DDEC 2 & 3)	1
SENSOR, OIL, FUEL OR COOLANT TEMPERATURE		
0005355630	SENSOR, OIL/FUEL/COOLANT/CHARGE TEMP	4
SENSOR, AIR PRESSURE		
0025359031	SENSOR, TURBO BOOST (4.6 BAR) M18X1.5	1
HARNESS, ELECTRONIC DISTRIBUTOR UNIT TO INJECTOR		
5186840	CLAMP, 1 1/2" I.D. (12.9660)	2
5311500033	HARNESS, INJECTOR	1
5311530050	SLEEVE, PROTECTIVE 350.0MM	1
HARNESS, ENGINE SENSORS TO ECM		
5311500933	HARNESS, SENSOR 8V 52000 GENSET	1
23520334	CLIP, HOSE 1 X .75 X .375 X .5	1
2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	3
5101020	STRAP, NYLON (2.5255)	8
2.2000 - FUEL PUMP		
PUMP ASSY., FUEL		
5310910101	PUMP ASSY., FUEL 8V	1
5319971032	PLUG ASSY., M18 X 1.5	2
000933008040		
	BOLT, M8 X 20	3
23520927	BOLT, 3/8"-24 X 1.75"	1
GASKET, FUEL PUMP TO ENGINE		
5150193	GASKET (FUEL PUMP TO DRIVE ASSY.) (5.1010)	1
FORK, FUEL PUMP COUPLING		
8921934	FORK	1

PART #	NAME AND DESCRIPTION	QUANTITY
2.2000 - FUEL PUMP		
DISC, FUEL PUMP DRIVE 5360910125	DISC ASSY., FUEL PUMP	1
2.3000A - FUEL FILTER AND STRAINER		
FILTER ASSY., SPIN-ON FUEL		
23518528	FILTER, FUEL PRIMARY	1
23518529	FILTER, FUEL SECONDARY	1
COVER, FUEL FILTER 5310900052	FILTER ASSY., DUAL PRIMARY & SECONDARY	1
BRACKET, FUEL FILTER MOUNTING 5360781241	BRACKET, FILTER HEAD MOUNT	1
103342	WASHER, 7/16"	5
000933012079		
	BOLT, M12 X 55	1
11509525	BOLT, M10 X 1.5 X 110 MM	4
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	3
23500708	NUT, M12 X 1.75	4
2.4000 - FUEL MANIFOLD AND/OR CONNECTIONS		
MANIFOLD, FUEL 5310700010	BLOCK ASSY., FUEL JUNCTION 8V S2000	1
MANIFOLD, FUEL 5310780017	BLOCK, FUEL JUNCTION	1
5319970087	VALVE, FUEL CONTROL 8.5 BAR	1
5360700051	COVER ASSY., FUEL JUNCTION BLOCK	1
5310780231	CONNECTOR, STRAIGHT M16 X 1.5	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780531	CONNECTOR, HOSE & O-RING M8 X 1	2
11503781	BOLT, M6 X 1 X 20 MM	4
11509525	BOLT, M10 X 1.5 X 110 MM	2
2.5000A - FUEL LINES AND FUEL COOLER		
TUBE, FUEL PUMP TO FILTER 5310780302	TUBE ASSY., FUEL FLTR HD TO PMP	1
5310780502	TUBE ASSY., FUEL PUMP SUPPLY TO FILTER	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780131	ELBOW, 90 DEGREE S2000	3
CLIP, FUEL PUMP TO FILTER HOSE 2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	2
5310780053	SPACER	1
5310780341	BRACKET	1
11504972	BOLT, M6 X 1.00 X 30 MM	1
000934006005	NUT, HEX M6	1
CLIP, FILTER OUTLET TUBE 23504703	SPACER, 15/32" I.D. X 0.870 D.O. X 0.70" THK.	1
5147599	CLIP, .562" DIA. 1/2" BOLT (2.5120)	1
HOSE, FILTER TO CYLINDER HEAD 5310701332	HOSE ASM	1
5360780046	ELBOW, M16 X 1.5	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
TUBE, FUEL SUPPLY CROSSOVER 5310700232	TUBE ASSY., FUEL SUPPLY GALLERY JUMPER	1
TUBE, JUNCTION BLOCK TO CYLINDER HEAD 5310701432	HOSE ASM	1
5310701632	HOSE ASSY., FUEL SPILL RB	1
5310703532	HOSE ASSY., FUEL SPILL LB	1
5310780331	ELBOW, 45 DEG CONNECTOR	2
915036005100	BOLT, BANJO M8 X 1 (4/5)	6

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2.5000A - FUEL LINES AND FUEL COOLER		
CLIP, CYLINDER HEAD INLET		
23520334	CLIP, HOSE 1 X .75 X .375 X .5	2
23523492	CLIP, SNAPPER S2000	2
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	4
5178895	SPACER, .40"X7/8"X.40" (7.1585)	3
11504986	BOLT, M8 X 1.25 X 14 MM	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509512	BOLT, M8 X 1.25 X 25 MM	1
HOSE, FUEL DRAIN CROSSOVER		
5310700332	TUBE ASSY., FUEL RETURN GALLERY JUMPER	1
915036012101	BOLT, BANJO A12 M16 X 1.5	2
915047012203	BOLT, DOUBLE BANJO N15047 M16 X 4.5	2
007603016105	WASHER, A16 X 20 COPPER	10
CLIP, FUEL DRAIN		
007603008109	WASHER, A8 X 11.5 COPPER	16

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PART #	NAME AND DESCRIPTION	QUANTITY
3.3000A - AIR INLET HOUSING		
ADAPTOR, AIR INLET MANIFOLD		
23506963	CLAMP, HOSE 5 1/4"-6 1/8 ID CONS	2
5310980240	ADAPTOR, INTAKE MANIFOLD	1
5319970083	HOSE, 5.25" DIA X 3.12 LG	1
	USE HOSE 23524322 WHEN SHTDWN SLND IS USED	
000933008118	BOLT, M8 X 35	4
	USE BOLT 304017008089 WHEN SHTDWN SLND IS USED	
000125008427	WASHER, A8.4	4
MANIFOLD, AIR INLET		
5310980007	MANIFOLD, INTAKE 8V S2000	1
000908052000	PLUG, M52 X 2	1
5319871132	PLUG ASSY., M18 X 1.5	1
5319971832	PLUG ASSY., M10 X 1.00	1
11509515	BOLT, M8 X 1.25 X 60 MM	16
007603052101	WASHER, A52 X 60 COPPER	1
GASKET, AIR INLET MANIFOLD		
4571410080	GASKET, INTAKE MANIFOLD	8
5311420057	SEAL RING, .210 X 5.225	1
3.5000A - TURBOCHARGER		
TURBOCHARGER		
5310960499	TURBOCHARGER, K31-377100AKB/24.22DCAYD	2
5366200010	STUD, M10 X 1.5 X 59 EXH ADAPTOR	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
GASKET, TURBOCHARGER EXHAUST INLET CONNECTION		
8929529	GASKET, TURBO EXHAUST INLET	2
INTERCOOLER, TURBOCHARGER		
5310980120	ELEMENT, CHARGER AIR COOLER	1
5310980537	COVER, CHARGE AIR COOLER	1
5310940080	GASKET, CAC ELEMENT TO CAP	1
11504822	BOLT, M8 X 1.25 X 30	16
11509513	BOLT, M8 X 1.25 X 40 MM	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	4
HOUSING, INTERCOOLER		
5310980137	BASE CHARGE, AIR COOLER	1
5310980140	FLANGE, COMP CONNECTOR	2
5310980253	CONNECTOR, TURBO COMP OTLT	2
23524443	GASKET, CHARGE AIR COOLER BASE	1
5310980045	SEAL RING	2
5310980180	GASKET, CAC ELEMENT TO BASE	1
5319970145	SEAL RING, (ROUND SECTION)	2
5359970045	SEAL RING, .210 X 2.350 ID	2
11504822	BOLT, M8 X 1.25 X 30	21
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11508331	BOLT, M8 X 1.25 X 140	4
11509519	BOLT, M8 X 1.25 X 100 MM	1
11509525	BOLT, M10 X 1.5 X 110 MM	2
CLIP, TURBOCHARGER OIL SUPPLY TUBE		
23522364	TUBE ASSY., TURBO OIL SUPPLY RE	1
5311880620	TUBE ASSY., TURBO OIL SUPPLY LB	1
5361880166	CONNECTOR	2
23520334	CLIP, HOSE 1 X .75 X .375 X .5	3
11504986	BOLT, M8 X 1.25 X 14 MM	1
5311800180	BOLT ASSY., BANJO DOUBLE M14 X 1.5	1
23550149	RING SEAL A14 X 20 COP (VENT LINE)	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
PUMP ASSY., OIL 5421800101	PUMP ASSY., OIL 8V S2000	1
000933008245	BOLT, M8 X 55	3
4.1000B - OIL DISTRIBUTION SYSTEM		
PIPE, OIL PUMP INLET 11509511	BOLT, M8 X 1.25 X 20 MM	1
5311800052	TUBE ASSY., LUBE OIL PICK UP 8V S2000	1
910105008019	BOLT, HEX M8 X 1.25 X 16	2
GASKET, OIL PUMP INLET PIPE 917003036003	GASKET FLG M36X58X0.5 DBL 6012.40	1
BRACKET, OIL PUMP SCREEN SUPPORT 5311810085	BRACKET, OIL INLET SUPPORT	1
5181415	CLIP, 1 1/8" TUBE, 7/16" BOLT (5.5390)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11502811	NUT, M8 X 1.25	1
NOZZLE ASSY., OIL SPRAY 5411800743	NOZZLE ASSY., OIL SPRAY	8
304017008077	BOLT, M8 X 16 8.8	8
4.1000C - OIL PRESSURE REGULATOR		
RELIEF, VALVE OIL PRESSURE 5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	1
5411800415	VALVE ASSY., OIL PRESSURE RELIEF S2000	1
4.2000A - OIL FILTER		
ELEMENT, OIL FILTER 5361840001	FILTER, OIL	2
ADAPTOR, OIL FILTER COVER 5311800111	ADAPTOR ASSY., OIL FILTER	1
5319970332	PLUG ASSY., M33 X 2	4
5361840017	INSERT, OIL FILTER ADAPTOR	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	5
GASKET, OIL FILTER ADAPTOR TO OIL COOLER ADAPTOR 5369970545	SEAL, 37.69 ID X 44.45 OD	2
4.4000A - OIL COOLER		
CORE, OIL COOLER-ENGINE 5361880026	ELEMENT, OIL COOLER	2
GASKET, OIL COOLER CORE PLATE 5361880080	GASKET, OIL COOLER	1
GASKET, OIL COOLER CORE-INNER 5141039	GASKET, OIL COOLER ELEMENT	6
5139805	SEAL RING, 1.171 X .139	12
HOUSING, OIL COOLER-ENGINE 5311800165	HOUSING ASSY., OIL COOLER	1
HOUSING, OIL COOLER-ENGINE 23509925	PLUG, 18MM X 15MM TORX HD	1
5177773	GASKET, 23/32 COPPER	1
5311880104	HOUSING, OIL COOLER S2000	1
5319970132	PLUG ASSY., M42 X 2	4
5319970332	PLUG ASSY., M33 X 2	2
VALVE, OIL COOLER BYPASS 5311840026	VALVE, OIL COOLER BYPASS	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.4000A - OIL COOLER		
SPRING, OIL COOLER BYPASS VALVE		
5177778	SPRING (4.1260)	1
11508331	BOLT, M8 X 1.25 X 140	2
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	1
COVER, OIL COOLER HOUSING		
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
5311870074	STUD, OIL COOLER	2
218443	NUT, 3/4"-10	6
BRACKET, OIL COOLER HOUSING SUPPORT		
000960014027		
	BOLT M14X50	1
5311880040	BRACKET	1
11509514	BOLT, M8 X 1.25 X 50 MM	4
HOUSING, TRANSFER OIL/WATER		
5312030361	TRANSFER HSG	1
11509512	BOLT, M8 X 1.25 X 25 MM	3
HOSE, OIL COOLER INLET OIL		
5312030201	OIL TUBE	1
5369970545	SEAL, 37.69 ID X 44.45 OD	1
HOSE, OIL COOLER OUTLET OIL		
5312030201	OIL TUBE	1
5319971645	SEAL RING, .139 X 1.234	4
5369970545	SEAL, 37.69 ID X 44.45 OD	1
TUBE, OIL COOLER WATER OUTLET		
5312030301	WATER TUBE	1
5319971745	SEAL RING, .210 X 1.850	2
5369970345	SEAL, 63.09 ID X 69.85 OD	1
4.5000A - OIL FILLER TUBE		
TUBE, OIL FILLER		
23524856	TUBE ASSY., OIL FILL RBF S2000	1
CAP, OIL FILLER		
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
4.6000A - DIPSTICK		
DIPSTICK		
5310180015	GAUGE, OIL LEVEL 45.0 MM	1
GUIDE, DIPSTICK		
5310180030	TUBE ASSY., OIL LEVEL GAUGE S2000	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
CLIP, DIPSTICK		
5153473	CLIP, 1/2" TUBE, 3/8 BOLT	1
23509744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
4.7000A - OIL PAN		
PAN, OIL		
5310140102	PAN ASSY., OIL 8V S2000 C&I	1
23509925	PLUG, 16MM X 15MM TORX HD	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
5319970632	PLUG, M22 X 1.5	1
5177773	GASKET, 23/32 COPPER	1
11508331	BOLT, M8 X 1.25 X 140	9
23516684	BOLT, M10 X 1.5 X 140	4
23550674	BOLT M8 1.25 X 140.0 LG	3
GASKET, OIL PAN TO BLOCK		
5420140022	GASKET, OIL PAN	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.7000A - OIL PAN		
PLUG, OIL PAN DRAIN 5319970432	PLUG, M27 X 2	3
4.8000A - VENTILATING SYSTEM		
SHELL, BREATHER 5310160138	RETAINER, BREATHER HOUSING	2
5310180035	HOUSING, ROCKER COVER BREATHER	2
5310180022	BAFFLE PLATE, BREATHER	2
23550249	BOLT, M5 .8 X 15 HEX WASHER HD	6
FILTER UNIT, BREATHER		
5310160036	RETAINER, ELEMENT	4
5310160238	RETAINER, BREATHER ELEMENT	2
5310180010	ELEMENT, BREATHER	4
5310180110	ELEMENT, BREATHER	2
GASKET, BREATHER BODY OR SEPARATOR		
23525543	SEAL RING, 3.40 X 74.00 I.D.	2
4.8000A - VENTILATING SYSTEM		
EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1826.8 (72.0 IN)	2
5186840	CLAMP, 1 1/2" I.D. (12.9660)	2

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000	- FRESH WATER PUMP	
PUMP ASSY., FRESH WATER		
23525638	PUMP ASSY., WATER	1
BODY, FRESH WATER PUMP		
5312010001	BODY, WATER PUMP S2000	1
BEARING, FRESH WATER PUMP		
5319810101	BEARING, WATER PUMP	2
RETAINER, FRESH WATER PUMP BEARING AND SEAL		
5362010151	RING, RETAINING	1
SEAL, FRESH WATER PUMP BEARING COVER		
8929134	SEAL, LIP TYPE	1
IMPELLER, FRESH WATER PUMP		
23521016	NUT, WATER PUMP	1
5312010007	IMPELLER, WATER PUMP	1
WASHER, FRESH WATER PUMP SEAL		
5362010376	WASHER, WATER PUMP	1
GEAR, FRESH WATER PUMP DRIVE		
5362010305	GEAR, WATER PUMP	1
11500950	BOLT, M12 X 1.75 X 90.0	3
GASKET, FRESH WATER PUMP		
23521014	SEAL, WATER PUMP	1
5.1000	- FRESH WATER PUMP	
PUMP ASSY., FRESH WATER		
5312000201	PUMP ASSY., SCCC WATER S2000	1
BODY, FRESH WATER PUMP		
5312010201	BODY, SCCC WATER PUMP S2000	1
SHAFT ASSY., FRESH WATER PUMP		
5312010205	SHAFT, SCCC WATER PUMP S2000	1
SPACER, FRESH WATER PUMP BEARING		
5312010018	SPACER, SCCC WATER PUMP S2000	1
SEAL, FRESH WATER PUMP SHAFT BEARING		
5362010019	SEAL, OIL S2000	1
BEARING, FRESH WATER PUMP		
23503687	BEARING	1
23503727	BEARING ASSY., ACCRY. DRIVE (5.4332)	1
RETAINER, FRESH WATER PUMP BEARING AND SEAL		
274746	LOCKRING (5.4235)	1
SEAL, FRESH WATER PUMP BEARING COVER		
23522433	SEAL, WATER PUMP HEAT SINK ROTOR	1
IMPELLER, FRESH WATER PUMP		
23505998	IMPELLER	1
GEAR, FRESH WATER PUMP DRIVE		
5362010005	GEAR, SCCC WATER PUMP S2000	1
5319971432	PLUG ASSY., M14 X 1.5	2
11503781	BOLT, M6 X 1 X 20 MM	4
GASKET, FRESH WATER PUMP		
23521608	SEAL RING, 0.139 X 4.734 ID	1
STUD, FRESH WATER PUMP MOUNTING		
200835012000		
	STUD, M12 X 30	1
000125013012		
	WASHER, A13	1
000934012008		
	NUT, HEX M12	1
COVER, FRESH WATER PUMP BODY		
5312000017	COVER ASSY., SCCC WATER PUMP S2000	1
COVER, FRESH WATER PUMP BODY		
5312010003	COVER, SCCC WATER PUMP S2000	1
5312010089	TUBE, SCCC WATER PUMP COVER S2000	1
5319971132	PLUG ASSY., M18 X 1.5	1
GASKET, FRESH WATER PUMP BODY COVER		
5178273	GASKET	1
5.1000A	- FRESH WATER PUMP COVER	

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000A - FRESH WATER PUMP COVER		
COVER, WATER PUMP		
5312010130	COVER, WATER PUMP 8V S2000	1
5319970332	PLUG ASSY., M33 X 2	1
11509512	BOLT, M8 X 1.25 X 25 MM	3
GASKET, WATER PUMP COVER		
23521015	SEAL, WATER PUMP	1
5.2000A - WATER OUTLET ELBOW		
ELBOW, WATER OUTLET MANIFOLD		
5312010131	ELBOW, WATER PUMP OUTLET (8V)	1
5319971432	PLUG ASSY., M14 X 1.5	1
11509525	BOLT, M10 X 1.5 X 110 MM	2
8928393	BOLT, M10 X 1.5 X 70.0 (12.9001)	1
GASKET, WATER OUTLET MANIFOLD ELBOW		
5312030080	GASKET, OUTLET ELBOW S2000	1
TUBE, WATER OUTLET MANIFOLD		
23523671	HOSE, 3.5 X 3.5	1
CLAMP, WATER OUTLET MANIFOLD TUBE HOSE		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	2
5.2000B - THERMOSTAT		
THERMOSTAT ASSY.		
5362000015	THERMOSTAT ASSY., 170 SLIDE ON RUB FLG S2000	3
HOUSING, THERMOSTAT		
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5319970932	PLUG ASSY., M22 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	2
5319971632	PLUG ASSY., ISO 6149 PORT	3
5366191015	PLUG ASSY., ISO 6149 PORT M33 X 2.0	1
11509515	BOLT, M8 X 1.25 X 60 MM	2
GASKET, THERMOSTAT HOUSING		
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970345	SEAL, 63.09 ID X 69.85 OD	1
5369970445	SEAL, 53.57 ID X 60.45 OD	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
COVER, THERMOSTAT HOUSING		
5315K1127	COVER, DISTRIBUTION HOUSING PLATE	1
5312030073	HOUSING, THERMOSTAT RB 8V S2000	1
5128234	PIN, JIGGLE	1
5319970132	PLUG ASSY., M42 X 2	1
5319970432	PLUG, M27 X 2	2
5319971632	PLUG ASSY., ISO 6149 PORT	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	8
11509520	BOLT, M8 1.25 X 110.0 LG FLG HEX	2
11509526	BOLT, M10 X 1.5 X 130 MM	14
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	16
GASKET, THERMOSTAT HOUSING COVER		
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	3
5.2000C - WATER BYPASS TUBE		
TUBE, WATER BYPASS		
5362030001	TUBE, WATER BYPASS	1
HOSE, WATER BYPASS TUBE		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	4
23523671	HOSE, 3.5 X 3.5	2
5.3000B - WATER CONNECTIONS		

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PART #	NAME AND DESCRIPTION	QUANTITY
5.3000B - WATER CONNECTIONS		
TUBE, WATER PUMP INLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	3
5125920	BRACKET (4.12" L.)	1
5312030501	TUBE, SECONDARY WATER PUMP TO CAC	1
5312030601	TUBE CAC	1
5361870196	COVER, WATER INLET S2000	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	6
23515353	BRACKET CLIP 90DEG	1
23525608	CLIP, 1.75 DIA CAC	3
23519411	PLUG, 1/2-14	1
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
000933008118		
	BOLT, M8 X 35	1
11503454	BOLT, M10 X 1.5 X 20.0	2
11504822	BOLT, M8 X 1.25 X 30	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	1
007349008002		
	WASHER, 8.4	1
11506101	NUT, M10 X 1.5	2
HOSE, FRESH WATER OUTLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
5125920	BRACKET (4.12" L.)	1
5312030701	TUBE CAC	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
23520943	BRACKET	1
23525608	CLIP, 1.75 DIA CAC	3
5312030037	BRACKET CLIP	1
5312030339	COVER, S2000	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	3
11509512	BOLT, M8 X 1.25 X 25 MM	1
910105014012		
	BOLT, M14 X 1.5 X 30	1
007349008002		
	WASHER, 8.4	3
23524675	GASKET, BEADED	1
11507036	NUT, M8 X 1.25	1
5.4000A - FAN		
BLADE, FAN HIGH LOW AND CRANKSHAFT MOUNTED		
NPN	(CUSTOMER FURNISHED)	1
PULLEY AND HUB ASSY., FAN		
5142149	PULLEY AND HUB ASSY.	1
11509530	BOLT, M14 X 2.0 X 40 MM	4
SUPPORT, FAN MOUNTING		
5312060040	SUPPORT, FAN S2000	1
BRACKET, FAN SUPPORT		
11513960	BOLT, M10 X 1.5 X 145 MM	7
TENSIONER, BELT		
5311500009	TENSIONER ASSY.	1
PULLEY, FAN BELT IDLER		
23512809	PULLEY, BELT TENSIONER 86.0 DIA.	1
5311550003	SPINDLE, BELT TENSIONER	1
8920105	BOLT, M10X1.5X35.0 MM LOCK THD.	1
8929064	RING, INT RETAINING 3.121" O.D. (12.4048)	1
8929214	WASHER	1
BEARING, FAN BELT IDLER PULLEY		
23512817	BEARING, BALL DBL ROW BELT TENSIONER	1
SHAFT, FAN BELT IDLER PULLEY		
23512816	SHAFT, BELT TENSIONER	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	3
5312060071	BOLT, M10 X 1.5 X 270	1

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PART #	NAME AND DESCRIPTION	QUANTITY
6.1000A - EXHAUST MANIFOLD		
MANIFOLD, EXHAUST		
5311420104	MANIFOLD, EXHAUST RB 8V S2000	1
5311420204	MANIFOLD, EXHAUST LB 8V S2000	1
ADAPTOR, EXHAUST MANIFOLD		
5311420901	ADAPTER, EXHAUST MANIFOLD RB K31 8V S2000	1
5311421001	ADAPTER, EXHAUST MANIFOLD LB K31 8V S2000	1
5366200010	STUD, M10 X 1.5 X 59 EXH ADAPTOR	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
GASKET, EXHAUST MANIFOLD		
5361420280	GASKET, EXHAUST MANIFOLD TO HEAD	8
GASKET, EXHAUST MANIFOLD ADAPTOR		
5311420080	GASKET, EXHAUST MANIFOLD ADAPTOR 8V	2
BDLT, EXHAUST MANIFOLD TO HEAD		
23511667	SPACER	16
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	16

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PART #	NAME AND DESCRIPTION	QUANTITY
7.1000A - BATTERY CHARGING GENERATOR		
GENERATOR ASSY.		
19010182	GEN CHRG AC 24V70A NG CW/CCW 21SI	1
179882	BOLT, 1/2"-13X1 1/8"	1
PULLEY, GENERATOR		
5145471	PULLEY (2.83" DIA., 9 GROOVE) (POLY-VEE)	1
BELT, GENERATOR DRIVE		
5319970192	BELT, POLY VEE S2000	1
STRAP, GENERATOR ADJUSTING		
23511669	LINK, ADJUSTING ROD	1
23511670	ROD, ALTERNATOR ADJUSTING M16 X 2 X 254	1
23515862	TUBE .625" LENGTH WITH SLIT	1
11503454	BOLT, M10 X 1.5 X 20.0	1
9427945	BOLT, 1/2"-13 X 6.25" (12.9001)	1
103345	WASHER, 5/8"	2
5132715	WASHER, .53"X.94"X.12" (1.3140)	2
102637	NUT, 1/2"-13	1
11501055	NUT, M16X2.0	2
BRACKET, GENERATOR MOUNTING		
5311540145	BRACKET, ALTERNATOR SUPPORT	1
23523608	BOLT, M10 X 1.5 X 135	2
7.3000A - STARTING MOTOR		
MOTOR ASSY., STARTING		
23521839	BUSHING, STARTING MOTOR HOLE	1
10478980	MOTOR ASSY. (24V. CW. INSUL. 42MT)	1
23523835	STUD, M12 X 45	3
000125013012		
	WASHER, A13	3
000834012008		
	NUT, HEX M12	3
GASKET, STARTING MOTOR		
5130995	GASKET, STARTER MOTOR	1

DETROIT DIESEL

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ENGINE DESCRIPTION

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MODEL NUMBER: R0837K36

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PART #	NAME AND DESCRIPTION	QUANTITY
1.1000 - CYLINDER BLOCK		
BLOCK, CYLINDER		
5412010059	COVER	1
5420100105	BLOCK ASSY., CYLINDER (8V S2000)	1
BLOCK, CYLINDER		
000007008210	PIN, M8 X 24	2
005401999012	BALL, PIPE 6.35MM	1
005401999023	BALL, STEEL M10	4
005401999031	BALL, PIPE 14.288MM	4
5410100023	CAP, MAIN BEARING	4
5410100123	CAP ASSY., MAIN BEARING THRUST	1
5410510010	BEARING, CAMSHAFT	4
5410510110	BEARING, CAMSHAFT	1
5420110001	CRANKCASE, 8V S2000	1
000908060000	PLUG, M60 X 2	1
0009973532	PLUG, M26 X 1.5	4
007604014100	PLUG, THREADED M14 X 1.5	2
3269971020	PLUG, CUP 40.3 MM DIA	3
4030110026	PLUG, RIVET TYPE 4	1
4039970420	PLUG, CUP	5
5419970032	PLUG	5
007603060101	SEAL RING, 60 X 68 COPPER	1
5410110071	BOLT, MAIN BEARING CAP (S2000)	10
5419900101	BOLT, MAIN BEARING CAP CROSS	10
007603014106	WASHER, A14 X 20 COPPER	2
007603018101	WASHER, A18 X 22 COPPER	1
007603026104	WASHER, A26 X 31 COPPER	4
007603030101	WASHER, A30 X 36 COPPER	5
001474004018	CYL GROOVE PIN 4X10	2
007604014100	PLUG, THREADED M14 X 1.5	3
23526011	GASKET, COVER PLATE	1
304017010043	BOLT, M10 X 20	2
007603014106	WASHER, A14 X 20 COPPER	3
1.1000A - AIR BOX DRAINS		
TUBE, AIR BOX DRAIN		
5244760224	FITTING, M27 X 2 ISO 6149 TO 1 1/16"-12	2
5311880020	TUBE ASSY., TURBO OIL DRAIN (RB 8V, LB 12V)	1
5311880120	TUBE ASSY., TURBO OIL DRAIN (LB 8V, RB 12V)	1
8929285	GASKET (3.5505)	2
11509511	BOLT, M8 X 1.25 X 20 MM	4
1.2000 - CYLINDER HEAD		
HEAD ASSY., CYLINDER		
5310100120	HEAD ASSY., CYLINDER W/SEAT S2000	8
HEAD ASSY., CYLINDER		
5410100420	HEAD ASSY., CYLINDER W/SEAT	1
5310500031	INSERT, VALVE SEAT INTAKE S2000	2
4570550074	PIN, VALVE BRIDGE	16
6019920325	PIN, SLOT SPR. 10.05 X 15	16
5419900001	BOLT, CYLINDER HEAD MOUNTING	32
GASKET, CYLINDER HEAD COMPRESSION		
5410160420	GASKET, CYLINDER HEAD	8

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PART #	NAME AND DESCRIPTION	QUANTITY
1.2000A - ENGINE LIFTER BRACKET		
BRACKET, ENGINE LIFTER-FRONT		
5412231141	BRACKET ASSY., ENGINE LIFTER L-FRNT	1
5412231241	BRACKET ASSY., ENGINE LIFTER R-FRNT	1
910105014012	BOLT, M14 X 1.5 X 30	2
BRACKET, ENGINE LIFTER-REAR		
23524072	BRACKET ASSY., ENGINE LIFTER L-REAR	1
5312240040	BRACKET ASSY, ENGINE LIFTER R-REAR	1
5319900104	BOLT, M12 1.5 X 180	4
5117562	WASHER, 1/2"X15/16"X1/16" (1.6360)	2
1.3000 - CRANKSHAFT		
CRANKSHAFT ASSY.		
5310300301	CRANKSHAFT ASSY., 8V S2000	1
CRANKSHAFT ASSY.		
5310310201	CRANKSHAFT, 8V2000	1
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	6
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	12
GEAR, CRANKSHAFT (TIMING)		
5360520103	GEAR, CRANKSHAFT FRONT S2000	1
SHELL, CRANKSHAFT MAIN BEARING		
5410330101	BEARING, UPPER MAIN	5
5410330102	BEARING, LOWER MAIN	5
5410330201	BEARING, UPPER MAIN (OVERSIZE)	A/R
5410330202	BEARING, LOWER MAIN (OVERSIZE)	A/R
5410330962	THRUST WASHER, 5.375 W	4
5410331062	THRUST WASHER, 5.625 W (REPAIR SIZE)	A/R
1.3000A - CRANKSHAFT FRONT COVER		
COVER, GEAR CASE		
5310100333	GEAR CASE ASSY.	1
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11509513	BOLT, M8 X 1.25 X 40 MM	5
11509514	BOLT, M8 X 1.25 X 50 MM	3
11509515	BOLT, M8 X 1.25 X 60 MM	4
5311550076	WASHER, SUPPORT	1
COVER, ENGINE FRONT LOWER		
5361870096	COVER, OIL TRANSFER	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
SLEEVE, CRANKSHAFT OIL SEAL		
5360150049	SLEEVE	1
GASKET, CRANKSHAFT FRONT COVER		
5310150080	GASKET, GEAR CASE TO BLOCK	1
700429036000	SEAL RING, 36 X 2	1
FLANGE, OIL DRAIN		
5310100076	FLANGE, OIL DRAIN	1
5311870080	GASKET, GEARCASE DRAIN S2000	2
TUBE, OIL COOLER INLET		
5360980245	TUBE, OIL COOLER INLET S2000	1
5310180024	ELBOW, OIL DRAIN	1
23521607	BOLT M8 1.25 X 30.0 LG 12PT HD	2
COVER, ENGINE FRONT ACCESSORY DRIVE		
23517382	COVER, ACSRY REAR 6 HOLE	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	6
GASKET, ENGINE FRONT ACCESSORY DRIVE		

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1.3000A - CRANKSHAFT FRONT COVER		
8929299	GASKET, ACCESSORY FRONT	1
COVER, CRANKSHAFT FRONT COVER SMALL HOLE		
5360520120	COVER, OIL FILL	1
5361840009	COVER, OIL SUPPLY	1
5361870196	COVER, WATER INLET S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	7
GASKET, CRANKSHAFT FRONT COVER SMALL HOLE COVER		
23508392	RING, SEAL	1
23521760	SEAL RING, (ROUND SECTION)	2
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
5360520180	GASKET, S2000	1
1.3000B - VIBRATION DAMPER		
DAMPER, VIBRATION		
5310350149	SPACER DAMPER S2000	1
5310350200	DAMPER, VIBRATION (VISCOUS TORSIONAL)	2
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT	1
HUB, VIBRATION DAMPER		
23524933	HUB ASSY., CRANKSHAFT S2000	1
HUB, VIBRATION DAMPER		
23524835	HUB, VIBRATION DAMPER S2000	1
SLEEVE, VIBRATION DAMPER HUB		
5360320014	WEAR SLEEVE, CRANKSHAFT FRONT	1
1.3000C - CRANKSHAFT PULLEY		
PULLEY, CRANKSHAFT		
5360320604	PULLEY, CRANKSHAFT 12 PL 295 DIA	1
RETAINER, CRANKSHAFT PULLEY		
23524934	BOLT, M14 X 2.00 X 170.00 LG	14
1.3000D - CRANKSHAFT PULLEY BELT		
BELT, CRANKSHAFT PULLEY DRIVE		
5319970392	BELT, POLY-VEE 2.22 WIDE, 80.76 LONG	1
1.4000A - FLYWHEEL		
FLYWHEEL ASSY.		
23523990	FLYWHEEL, SAE #1 DRY DDC 8/12V S2000	1
FLYWHEEL ASSY.		
5310321001	FLYWHEEL, SAE #1 S2000	1
GEAR, FLYWHEEL RING		
5166664	GEAR, SAE #1, 118 TEETH, RH CHAMFER	1
5360310027	RING, WEAR DRY S2000	1
5310320209	PLATE, FLYWHEEL SCUFF	1
000961016027	BOLT, M16 1.5 X 55	14
HUB, FLYWHEEL FLEXIBLE COUPLING		
23525863	HUB ASSY., FLYWHEEL SAE #1	1
HUB, FLYWHEEL FLEXIBLE COUPLING		
23525882	HUB, FLYWHEEL	1
5360520148	WHEEL, TIMING	1
23525542	BOLT, 12 PT M16 X 1.5 X 98	10
1.5000A - FLYWHEEL HOUSING		
HOUSING ASSY., FLYWHEEL		
000007016210	PIN, DOWEL 16H 8 X 24	2
5310130310	HOUSING, FLYWHEEL SAE 1	1
23524022	PLUG, CUP	2
23524460	PLUG ASSY., M27 X 2.0	2
5319970132	PLUG ASSY., M42 X 2	1

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1.5000A - FLYWHEEL HOUSING		
9421770	PLUG, 3 1/4" CUP (12.9320)	2
23522001	SEAL, FLYWHEEL HOUSING OIL PASSAGE	1
5319971845	SEAL RING, (ROUND SECTION)	1
5319971945	SEAL RING, (ROUND SECTION)	1
735073008000		
	PLUG SEAL	1
23521532	BOLT	8
5419900204	BOLT, M12 X 1.5 X 167	4
SEAL, CRANKSHAFT OIL-REAR		
5319970147	SEAL, CRANKSHAFT REAR DRY	1
SUPPORT ASSY., CRANKSHAFT REAR		
23524073	SUPPORT ASSY., OUTBOARD BEARING SAE 1	1
SEAL, CRANKSHAFT OIL REAR		
23521816	BEARING, OUTBOARD SUPPORT	1
5310330104	SUPPORT, OUTBOARD BEARING	1
11504822	BOLT, M8 X 1.25 X 30	14
1.6000 - CONNECTING ROD AND PISTON		
CONNECTING ROD ASSY.		
5350300320	ROD, CONNECTING (SERRATED) S2000	8
SHELL, CONNECTING ROD BEARING		
23524823	BEARING SET, CONN ROD STD S2000	8
23524824	BEARING SET, CONN ROD 0.10 U/S S2000	AR
23524825	BEARING SET, CONN ROD 0.25 U/S S2000	AR
23524826	BEARING SET, CONN ROD 0.50 U/S S2000	AR
23524827	BEARING SET, CONN ROD 0.75 U/S S2000	AR
23524828	BEARING SET, CONN ROD 1.00 U/S S2000	AR
PISTON KIT		
5310300217	PISTON ASSY., WHITE DOT S2000 16:1	8
RING SET, PISTON		
23524328	RING SET	1
RING, PISTON COMPRESSION		
0080379219	RING, M COMPRESSION S2000	8
5310370019	RING, TOP KEYSTONE S2000	8
RING, PISTON OIL CONTROL		
5310370018	RING, OIL CONTROL S2000	8
PIN, PISTON		
5410370020	PIN, PISTON (HOLLOW CORE)	8
RETAINER, PISTON PIN		
5419940037	SNAP RING, PISTON PIN	16
LINER, CYLINDER		
5410110310	LINER, CYLINDER S2000	8
KIT, LINER AND SEALS		
23524257	KIT, CYL LINER AND SEALS	AR
SEAL, CYLINDER LINER		
0229974948	RING, SEAL LINER LOWER	16
5410110059	SEAL RING, BRASS UPPER	8
1.7000 - CAMSHAFT AND GEAR TRAIN		
CAMSHAFT ASSY.		
5310510801	CAMSHAFT, HIGH OUTPUT S2000	1
8929335	PIN, DOWEL 8 X 16	2
GEAR, CAMSHAFT		
5360520201	GEAR, CAMSHAFT S2000	1
GEAR ASSY., IDLER		

PART #	NAME AND DESCRIPTION	QUANTITY
1.7000 - CAMSHAFT AND GEAR TRAIN		
5360500005	GEAR & BUSHING ASSY., IDLER S2000	2
GEAR, IDLER		
5360520002	GEAR, IDLER	1
BUSHING, IDLER GEAR		
5360520050	BUSHING, IDLER GEAR	1
HUB, IDLER GEAR		
5360520105	HUB, IDLER GEAR S2000	2
23505885	DOWEL, SLEEVE OIL PUMP	2
11504972	BOLT, M6 X 1.00 X 30 MM	2
GEAR, CRANKSHAFT TIMING		
23525612	GEAR ASSY., CRANKSHAFT 8V S2000	1
1.7000A - BALANCE WEIGHT COVER		
COVER, BALANCE WEIGHT		
23524859	COVER ASM GEAR CASE	1
FAV00067	HOSE FLEXIBLE & FITTING ASSY., OIL SUPPLY	1
5319971432	PLUG ASSY., M14 X 1.5	1
000912010020		
	BOLT, M10 X 60	4
11504516	BOLT, M10 X 1.5 X 35 LG	14
11509523	BOLT, M10 X 1.5 X 55 MM	7
23520351	SCREW, M8 X 1.25 X 110	2
007603008109		
	WASHER, A8 X 11.5 COPPER	2
23507367	WASHER, 3/8" VITON (4.4115)	4
5361880066	CONNECTOR, 9/16-18 X M14 X 1.5	2
COVER, BALANCE WEIGHT COVER HOLE		
23505273	COVER, PWR STRG PUMP	1
5360150030	COVER, ACCESSORY DRIVE S2000	1
11503454	BOLT, M10 X 1.5 X 20.0	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
23519770	BOLT, M12 X 1.75 X 75	2
GASKET, BALANCE WEIGHT COVER HOLE		
23516100	GASKET, PWR STRG PMP COVER/FUEL PUMP	1
5369970745	SEAL, 136.12 ID X 142.88 OD	1
1.8000 - VALVE AND INJECTOR OPERATING MECHANISM		
SHAFT AND ARMS ASSY., ROCKER COMPLETE		
5410500736	ROCKER ARM ASSY., COMPLETE	8
SHAFT AND ARM ASSY., ROCKER COMPLETE		
5410500836	ROCKER ARM, S2000 (PEDESTAL)	1
5419900304	BOLT, M10 X 90	2
ARM ASSY., EXHAUST VALVE ROCKER		
5410500534	ROCKER ARM ASSY., EXHAUST S2000	1
ARM ASSY., INTAKE VALVE ROCKER		
5410500633	ROCKER ARM ASSY., INTAKE S2000	1
SCREW, ROCKER ARM ADJUSTING		
5410550320	SCREW, ADJUSTING	2
000471024000		
	SNAP RING, 24 X 1.2	2
0019908240	SPACER 37 OD X 25 ID X 1 THK	2
4229900051	NUT, HEX M12 ROCKER ARM ADJUSTING S2000	2
ROD, PUSH		
5410540505	ROD, ROCKER ARM PUSH S2000	16
FOLLOWER ASSY., CAMSHAFT		
5410500322	FOLLOWER, CAMSHAFT	16
VALVE, EXHAUST		
5410500227	VALVE, EXHAUST 41MM DIA 145MM LG	16
VALVE, INTAKE		
23525875	VALVE, INTAKE	16

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1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
GUIDE, EXHAUST VALVE 0000533558	SEAL, VALVE STEM	32
SPRING, EXHAUST VALVE 5410530020	SPRING, VALVE S55/2000	32
5419930001	SPRING, VALVE BRIDGE	16
BRIDGE, EXHAUST VALVE 5310500032	BRIDGE ASSY., VALVE	16
BRIDGE, EXHAUST VALVE 9060550120	SCREW VLV BRIDGE ADJ M10 X 1 X 29	1
5319900151	NUT VLV BRIDGE ADJ M10 X 1.5H	1
SEAT, EXHAUST VALVE SPRING 5410530225	RETAINER, VALVE SPRING	32
ROTATOR, VALVE 3669900240	SEAT, VALVE SPRING S55/2000	32
5410160028	SEAT, VALVE BRIDGE SPRING	16
LOCK, EXHAUST VALVE SPRING 5410530126	KEEPER, VALVE	64
1.8000A	- ROCKER COVER	
COVER ASSY., ROCKER 5310160205	COVER, VALVE S2000	2
5310160605	COVER, VALVE S2000	6
GASKET, ROCKER COVER 5310160021	GASKET, VALVE COVER	8
BOLT, ROCKER COVER 910105008022	BOLT, ROCKER COVER MOUNTING S2000	16

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PART #	NAME AND DESCRIPTION	QUANTITY
2.1000A - FUEL INJECTOR		
INJECTOR ASSY. 5235920 5419900301	PUMP ASSY., ELECTRONIC UNIT BOLT, M10 12PT UNIT PUMP	8 16
TUBE ASSY., FUEL SUPPLY 5360702032	TUBE ASSY., HIGH PRESSURE SINGLE PIECE 2.1 MM	8
CLAMP, INJECTOR 5410780235	CLAMP, INJECTOR NOZZLE HOLDER	8
SUPPORT, INJECTOR CLAMP 5410100035	COVER ASSY., WITH O-RING	8
STUD, INJECTOR CLAMP 000931010142	BOLT, M10 X 90	8
TUBE, INJECTOR HOLE 0000106051	NOZZLE ASSY.	8
2.1000B - INJECTOR CONTROLS ELECTRONIC		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL 23519308 12040542 23513607 23513608	MODULE, ELEC CONTROL DDEC IV COVER ECM TERMINAL PROTECTION COVER COMMUNICATION PROTECTION DDEC III COVER POWER CONN PROTECTION DDEC III	1 1 1 1
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD 23512307 23512309	ISOLATOR, ECM MOUNT BOLT M8 1.25 SHOULDER 12 PT HD	8 4
SENSOR, MAG. IDLER 0005356533 11504986	SENSOR ASSY., SRS/TRS BOLT, M8 X 1.25 X 14 MM	1 2
SENSOR, MAG. CRANKSHAFT 23505977	SENSOR, SRS (DDEC 2 & 3)	1
SENSOR, OIL, FUEL OR COOLANT TEMPERATURE 0005355630	SENSOR, OIL/FUEL/COOLANT/CHARGE TEMP	4
SENSOR, AIR PRESSURE 0025359031	SENSOR, TURBO BOOST (4.6 BAR) M18X1.5	1
HARNESS, ELECTRONIC DISTRIBUTOR UNIT TO INJECTOR 5186840 5311500033 5311530050	CLAMP, 1 1/2" I.D. (12.9660) HARNESS, INJECTOR SLEEVE, PROTECTIVE 350.0MM	2 1 1
HARNESS, ENGINE SENSORS TO ECM 5311500933 23520334 2476234 5101020	HARNESS, SENSOR 8V S2000 GENSET CLIP, HOSE 1 X .75 X .375 X .5 CLIP, .500" DIA. 3/8" BOLT (4.4330) STRAP, NYLON (2.5255)	1 1 3 8
2.2000 - FUEL PUMP		
PUMP ASSY., FUEL 5310910101 5319971032 000933008040 23520927	PUMP ASSY., FUEL 8V PLUG ASSY., M18 X 1.5 BOLT, M8 X 20 BOLT, 3/8"-24 X 1.75"	1 2 3 1
GASKET, FUEL PUMP TO ENGINE 5150193	GASKET (FUEL PUMP TO DRIVE ASSY.) (5.1010)	1
FORK, FUEL PUMP COUPLING 8921934	FORK	1

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2.2000	- FUEL PUMP	
DISC, FUEL PUMP DRIVE 5360910125	DISC ASSY., FUEL PUMP	1
2.3000A	- FUEL FILTER AND STRAINER	
FILTER ASSY., SPIN-ON FUEL 23518528	FILTER, FUEL PRIMARY	1
23518529	FILTER, FUEL SECONDARY	1
COVER, FUEL FILTER 5310900052	FILTER ASSY., DUAL PRIMARY & SECONDARY	1
BRACKET, FUEL FILTER MOUNTING 5360781241	BRACKET, FILTER HEAD MOUNT	1
103342	WASHER, 7/16"	5
000933012079	BOLT, M12 X 55	1
11509525	BOLT, M10 X 1.5 X 110 MM	4
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	3
23500708	NUT, M12 X 1.75	4
2.4000	- FUEL MANIFOLD AND/OR CONNECTIONS	
MANIFOLD, FUEL 5310700010	BLOCK ASSY., FUEL JUNCTION 8V S2000	1
MANIFOLD, FUEL 5310780017	BLOCK, FUEL JUNCTION	1
5319970087	VALVE, FUEL CONTROL 8.5 BAR	1
5360700051	COVER ASSY., FUEL JUNCTION BLOCK	1
5310780231	CONNECTOR, STRAIGHT M16 X 1.5	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780531	CONNECTOR, HOSE & O-RING M8 X 1	2
11503781	BOLT, M6 X 1 X 20 MM	4
11509525	BOLT, M10 X 1.5 X 110 MM	2
2.5000A	- FUEL LINES AND FUEL COOLER	
TUBE, FUEL PUMP TO FILTER 5310780302	TUBE ASSY., FUEL FLTR HD TO PMP	1
5310780502	TUBE ASSY., FUEL PUMP SUPPLY TO FILTER	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780131	ELBOW, 90 DEGREE S2000	3
CLIP, FUEL PUMP TO FILTER HOSE 2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	2
5310780053	SPACER	1
5310780341	BRACKET	1
11504972	BOLT, M6 X 1.00 X 30 MM	1
000934005006	NUT, HEX M6	1
CLIP, FILTER OUTLET TUBE 23504703	SPACER, 15/32" I.D. X 0.870 D. X 0.70" THK.	1
5147599	CLIP, .562" DIA. 1/2" BOLT (2.5120)	1
HOSE, FILTER TO CYLINDER HEAD 5310701332	HOSE ASM	1
5360780046	ELBOW, M18 X 1.5	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
TUBE, FUEL SUPPLY CROSSOVER 5310700232	TUBE ASSY., FUEL SUPPLY GALLERY JUMPER	1
TUBE, JUNCTION BLOCK TO CYLINDER HEAD 5310701432	HOSE ASM	1
5310701632	HOSE ASSY., FUEL SPILL RB	1
5310703532	HOSE ASSY., FUEL SPILL LB	1
5310780331	ELBOW, 45 DEG CONNECTOR	2
915036005100	BOLT, BANJO M8 X 1 (4/5)	8

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PART #	NAME AND DESCRIPTION	QUANTITY
2.5000A - FUEL LINES AND FUEL COOLER		
CLIP, CYLINDER HEAD INLET		
23520334	CLIP, HOSE 1 X .75 X .375 X .5	2
23523492	CLIP, SNAPPER S2000	2
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	4
5178895	SPACER, .40"X7/8"X.40" (7.1585)	3
11504986	BOLT, M8 X 1.25 X 14 MM	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509512	BOLT, M8 X 1.25 X 25 MM	1
HOSE, FUEL DRAIN CROSSOVER		
5310700332	TUBE ASSY., FUEL RETURN GALLERY JUMPER	1
915036012101	BOLT, BANJO A12 M16 X 1.5	2
915047012203	BOLT, DOUBLE BANJO N15047 M16 X 4.5	2
007603016105	WASHER, A16 X 20 COPPER	10
CLIP, FUEL DRAIN		
007603008109	WASHER, A8 X 11.5 COPPER	16

PART #	NAME AND DESCRIPTION	QUANTITY
3.3000A - AIR INLET HOUSING		
ADAPTOR, AIR INLET MANIFOLD		
23505963	CLAMP, HOSE 5 1/4"-6 1/8 ID CONS	2
5310980240	ADAPTOR, INTAKE MANIFOLD	1
5319970083	HOSE, 5.25" DIA X 3.12 LG	1
	USE HOSE 23524322 WHEN SHTDWN SLND IS USED	
000933008118	BOLT, M8 X 35	4
	USE BOLT 304017008089 WHEN SHTDWN SLND IS USED	
000125008427	WASHER, A8.4	4
MANIFOLD, AIR INLET		
5310980007	MANIFOLD, INTAKE 8V S2000	1
000908052000	PLUG, M52 X 2	1
5319971132	PLUG ASSY., M18 X 1.5	1
5319971832	PLUG ASSY., M10 X 1.00	1
11509515	BOLT, M8 X 1.25 X 60 MM	16
007603052101	WASHER, A52 X 60 COPPER	1
GASKET, AIR INLET MANIFOLD		
4571410080	GASKET, INTAKE MANIFOLD	6
5311420057	SEAL RING, .210 X 5.225	1
3.5000A - TURBOCHARGER		
TURBOCHARGER		
5310960199	TURBOCHARGER ASSY., K31-376700AKB/22.20DCAYD	2
5366200010	STUD, M10 X 1.5 X 59 EXH ADAPTOR	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
GASKET, TURBOCHARGER EXHAUST INLET CONNECTION		
8929529	GASKET, TURBO EXHAUST INLET	2
INTERCOOLER, TURBOCHARGER		
5310980120	ELEMENT, CHARGER AIR COOLER	1
5310980537	COVER, CHARGE AIR COOLER	1
5310940080	GASKET, CAC ELEMENT TO CAP	1
11504822	BOLT, M8 X 1.25 X 30	21
11509513	BOLT, M8 X 1.25 X 40 MM	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	4
HOUSING, INTERCODLER		
5310980137	BASE CHARGE, AIR COOLER	1
5310980140	FLANGE, CDMF CONNECTOR	2
5310980253	CONNECTOR, TURBO COMP OTLT	2
23524443	GASKET, CHARGE AIR COOLER BASE	1
5310980045	SEAL RING	2
5310980180	GASKET, CAC ELEMENT TO BASE	1
5319970145	SEAL RING, (ROUND SECTION)	2
5359970045	SEAL RING, .210 X 2.350 ID	2
11504822	BOLT, M8 X 1.25 X 30	6
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11508331	BOLT, M8 X 1.25 X 140	4
11509519	BOLT, M8 X 1.25 X 100 MM	1
11509525	BOLT, M10 X 1.5 X 110 MM	2
CLIP, TURBOCHARGER OIL SUPPLY TUBE		
23522364	TUBE ASSY., TURBO OIL SUPPLY RB	1
5311880620	TUBE ASSY., TURBO OIL SUPPLY LB	1
5361880166	CONNECTOR	2
23520334	CLIP, HOSE 1 X .75 X .375 X .5	3
11504986	BOLT, M8 X 1.25 X 14 MM	1
5311800180	BOLT ASSY., BANJO DOUBLE M14 X 1.5	1
23550149	RING SEAL A14 X 20 COP (VENT LINE)	1

PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
PUMP ASSY., OIL 531SK2080 000933008245	PUMP ASSY., OIL 8V S2000	1
	BOLT, M8 X 55	3
4.1000B - OIL DISTRIBUTION SYSTEM		
PIPE, OIL PUMP INLET 11509511	BOLT, M8 X 1.25 X 20 MM	1
5311800052	TUBE ASSY., LUBE OIL PICK UP 8V S2000	1
910105008019	BOLT, HEX M8 X 1.25 X 16	2
GASKET, OIL PUMP INLET PIPE 917003036003	GASKET FLG M36X58X0.5 DBL 6012.40	1
BRACKET, OIL PUMP SCREEN SUPPORT 5311810095	BRACKET, OIL INLET SUPPORT	1
5181415	CLIP, 1 1/8" TUBE, 7/16" BOLT (5.5390)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11502811	NUT, M8 X 1.25	1
NOZZLE ASSY., OIL SPRAY 5411800743	NOZZLE ASSY., OIL SPRAY	8
304017008077	BOLT, M8 X 16 8.8	8
4.1000C - OIL PRESSURE REGULATOR		
RELIEF, VALVE OIL PRESSURE 5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	1
5411800415	VALVE ASSY., OIL PRESSURE RELIEF S2000	1
4.2000A - OIL FILTER		
ELEMENT, OIL FILTER 5361840001	FILTER, OIL	2
ADAPTOR, OIL FILTER COVER 5311800111	ADAPTOR ASSY., OIL FILTER	1
5319970332	PLUG ASSY., M33 X 2	4
5361840017	INSERT, OIL FILTER ADAPTOR	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	5
GASKET, OIL FILTER ADAPTOR TO OIL COOLER ADAPTOR 5369970545	SEAL, 37.69 ID X 44.45 OD	2
4.4000A - OIL COOLER		
CORE, OIL COOLER-ENGINE 5361880026	ELEMENT, OIL COOLER	2
GASKET, OIL COOLER CORE PLATE 5361880080	GASKET, OIL COOLER	1
GASKET, OIL COOLER CORE-INNER 5141039	GASKET, OIL COOLER ELEMENT	6
5139805	SEAL RING, 1.171 X .139	12
HOUSING, OIL COOLER-ENGINE 5311800165	HOUSING ASSY., OIL COOLER	1
HOUSING, OIL COOLER-ENGINE 23509925	PLUG, 18MM X 15MM TORX HD	1
5177773	GASKET, 23/32 COPPER	1
5311880104	HOUSING, OIL COOLER S2000	1
5319970132	PLUG ASSY., M42 X 2	4
5319970332	PLUG ASSY., M33 X 2	2
VALVE, OIL COOLER BYPASS 5311840026	VALVE, OIL COOLER BYPASS	1

PART #	NAME AND DESCRIPTION	QUANTITY
4.4000A - OIL COOLER		
SPRING, OIL COOLER BYPASS VALVE		
5177778	SPRING (4.1260)	1
11508331	BOLT, M8 X 1.25 X 140	2
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	1
COVER, OIL COOLER HOUSING		
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
5311870074	STUD, OIL COOLER	2
218443	NUT, 3/4"-10	6
BRACKET, OIL COOLER HOUSING SUPPORT		
000960014027		
	BOLT M14X50	1
5311880040	BRACKET	1
11509514	BOLT, M8 X 1.25 X 50 MM	4
HOUSING, TRANSFER OIL/WATER		
5312030361	TRANSFER HSG	1
11509512	BOLT, M8 X 1.25 X 25 MM	3
HOSE, OIL COOLER INLET OIL		
5312030201	OIL TUBE	1
5369970545	SEAL, 37.69 ID X 44.45 OD	1
HOSE, OIL COOLER OUTLET OIL		
5312030201	OIL TUBE	1
5319971645	SEAL RING, .139 X 1.234	4
5369970545	SEAL, 37.69 ID X 44.45 OD	1
TUBE, OIL COOLER WATER OUTLET		
5312030301	WATER TUBE	1
5319971745	SEAL RING, .210 X 1.850	2
5369970345	SEAL, 63.09 ID X 69.85 OD	1
4.5000A - OIL FILLER TUBE		
TUBE, OIL FILLER		
23524856	TUBE ASSY., OIL FILL RBF S2000	1
CAP, OIL FILLER		
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
4.6000A - DIPSTICK		
DIPSTICK		
5310180015	GAUGE, OIL LEVEL 45.0 MM	1
GUIDE, DIPSTICK		
5310180030	TUBE ASSY., OIL LEVEL GAUGE S2000	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
CLIP, DIPSTICK		
5153473	CLIP, 1/2" TUBE, 3/8 BOLT	1
23508744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
4.7000A - OIL PAN		
PAN, OIL		
5310140102	PAN ASSY., OIL BV S2000 C&I	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
5319970832	PLUG, M22 X 1.5	1
5177773	GASKET, 23/32 COPPER	1
11508331	BOLT, M8 X 1.25 X 140	9
23516684	BOLT, M10 X 1.5 X 140	4
23550674	BOLT M8 1.25 X 140.0 LG	3
GASKET, OIL PAN TO BLOCK		
5420140022	GASKET, OIL PAN	1

PART #	NAME AND DESCRIPTION	QUANTITY
4.7000A - OIL PAN		
PLUG, OIL PAN DRAIN 5319970432	PLUG, M27 X 2	3
4.8000A - VENTILATING SYSTEM		
SHELL, BREATHER 5310160138	RETAINER, BREATHER HOUSING	2
5310180035	HOUSING, ROCKER COVER BREATHER	2
5310180022	BAFFLE PLATE, BREATHER	2
23550249	BOLT, M5 .8 X 15 HEX WASHER HD	6
FILTER UNIT, BREATHER		
5310160038	RETAINER, ELEMENT	4
5310160238	RETAINER, BREATHER ELEMENT	2
5310180010	ELEMENT, BREATHER	4
5310180110	ELEMENT, BREATHER	2
GASKET, BREATHER BODY OR SEPARATOR		
23525543	SEAL RING, 3.40 X 74.00 I.D.	2
4.8000A - VENTILATING SYSTEM		
EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1828.8 (72.0 IN)	2
5186840	CLAMP, 1 1/2" I.D. (12.9660)	2

PART #	NAME AND DESCRIPTION	QUANTITY
5.1000	- FRESH WATER PUMP	
PUMP ASSY., FRESH WATER		
23525638	PUMP ASSY., WATER	1
BODY, FRESH WATER PUMP		
5312010001	BODY, WATER PUMP S2000	1
BEARING, FRESH WATER PUMP		
5319810101	BEARING, WATER PUMP	2
RETAINER, FRESH WATER PUMP BEARING AND SEAL		
5362010151	RING, RETAINING	1
SEAL, FRESH WATER PUMP BEARING COVER		
8929134	SEAL, LIP TYPE	1
IMPELLER, FRESH WATER PUMP		
23521016	NUT, WATER PUMP	1
5312010007	IMPELLER, WATER PUMP	1
WASHER, FRESH WATER PUMP SEAL		
5362010376	WASHER, WATER PUMP	1
GEAR, FRESH WATER PUMP DRIVE		
5362010306	GEAR, WATER PUMP	1
11500950	BOLT, M12 X 1.75 X 90.0	3
GASKET, FRESH WATER PUMP		
23521014	SEAL, WATER PUMP	1
5.1000	- FRESH WATER PUMP	
PUMP ASSY., FRESH WATER		
5312000201	PUMP ASSY., SCCC WATER S2000	1
BODY, FRESH WATER PUMP		
5312010201	BODY, SCCC WATER PUMP S2000	1
SHAFT ASSY., FRESH WATER PUMP		
5312010205	SHAFT, SCCC WATER PUMP S2000	1
SPACER, FRESH WATER PUMP BEARING		
5312010018	SPACER, SCCC WATER PUMP S2000	1
SEAL, FRESH WATER PUMP SHAFT BEARING		
5362010019	SEAL, OIL S2000	1
BEARING, FRESH WATER PUMP		
23503687	BEARING	1
23503727	BEARING ASSY., ACCRY. DRIVE (5.4332)	1
RETAINER, FRESH WATER PUMP BEARING AND SEAL		
274746	LOCKRING (5.4235)	1
SEAL, FRESH WATER PUMP BEARING COVER		
23522433	SEAL, WATER PUMP HEAT SINK ROTOR	1
IMPELLER, FRESH WATER PUMP		
23505998	IMPELLER	1
GEAR, FRESH WATER PUMP DRIVE		
5362010005	GEAR, SCCC WATER PUMP S2000	1
5319971132	PLUG ASSY., M18 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	2
11500868	BOLT, M8 X 1.25 X 30.0 LG	2
11503781	BOLT, M5 X 1 X 20 MM	4
GASKET, FRESH WATER PUMP		
23521608	SEAL RING, 0.139 X 4.734 ID	1
STUD, FRESH WATER PUMP MOUNTING		
200835012000		
	STUD, M12 X 30	1
000125013012		
	WASHER, A13	1
000934012006		
	NUT, HEX M12	1
COVER, FRESH WATER PUMP BODY		
23524678	COVER, STEEL S2000	1
5312000117	COVER ASSY., (SCCC) WATER PUMP	1
GASKET, FRESH WATER PUMP BODY COVER		
5153902	GASKET, 2-53 (4.1520)	1
5178273	GASKET	1
5.1000A	- FRESH WATER PUMP COVER	

PART #	NAME AND DESCRIPTION	QUANTITY
5.1000A - FRESH WATER PUMP COVER		
COVER, WATER PUMP		
5312010130	COVER, WATER PUMP 8V S2000	1
5319970332	PLUG ASSY., M33 X 2	1
11509512	BOLT, M8 X 1.25 X 25 MM	3
GASKET, WATER PUMP COVER		
23521015	SEAL, WATER PUMP	1
5.2000A - WATER OUTLET ELBOW		
ELBOW, WATER OUTLET MANIFOLD		
5312010131	ELBOW, WATER PUMP OUTLET (8V)	1
5319971432	PLUG ASSY., M14 X 1.5	1
11509525	BOLT, M10 X 1.5 X 110 MM	2
8929393	BOLT, M10 X 1.5 X 70.0 (12.9001)	1
GASKET, WATER OUTLET MANIFOLD ELBOW		
5312030080	GASKET, OUTLET ELBOW S2000	1
TUBE, WATER OUTLET MANIFOLD		
23523671	HOSE, 3.5 X 3.5	1
CLAMP, WATER OUTLET MANIFOLD TUBE HOSE		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	2
5.2000B - THERMOSTAT		
THERMOSTAT ASSY.		
5362000015	THERMOSTAT ASSY., 170 SLIDE ON RUB FLG S2000	3
HOUSING, THERMOSTAT		
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5319970932	PLUG ASSY., M22 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	2
5319971632	PLUG ASSY., ISO 6149 PORT	3
5366191015	PLUG ASSY., ISO 6149 PORT M33 X 2.0	1
11509515	BOLT, M8 X 1.25 X 60 MM	2
GASKET, THERMOSTAT HOUSING		
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970345	SEAL, 63.09 ID X 69.85 OD	1
5369970445	SEAL, 53.57 ID X 60.45 OD	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
COVER, THERMOSTAT HOUSING		
531SK1127	COVER, DISTRIBUTION HOUSING PLATE	1
5312030073	HOUSING, THERMOSTAT RB 8V S2000	1
5128234	PIN, JIGGLE	1
5319970132	PLUG ASSY., M42 X 2	1
5319970432	PLUG, M27 X 2	2
5319971632	PLUG ASSY., ISO 6149 PORT	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	8
11509520	BOLT, M8 1.25 X 110.0 LG FLG HEX	2
11509526	BOLT, M10 X 1.5 X 130 MM	14
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	16
GASKET, THERMOSTAT HOUSING COVER		
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	3
5.2000C - WATER BYPASS TUBE		
TUBE, WATER BYPASS		
5362030001	TUBE, WATER BYPASS	1
HOSE, WATER BYPASS TUBE		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	4
23523671	HOSE, 3.5 X 3.5	2
5.3000B - WATER CONNECTIONS		

PART #	NAME AND DESCRIPTION	QUANTITY
5.3000B - WATER CONNECTIONS		
TUBE, WATER PUMP INLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	3
5125920	BRACKET (4.12" L.)	1
5312030501	TUBE, SECONDARY WATER PUMP TO CAC	1
5312030601	TUBE CAC	1
5361870196	COVER, WATER INLET S2000	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	6
23515353	BRACKET CLIP 90DEG	1
23525608	CLIP, 1.75 DIA CAC	3
23519411	PLUG, 1/2-14	1
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
000933008118		
	BOLT, M8 X 35	1
11503454	BOLT, M10 X 1.5 X 20.0	2
11504822	BOLT, M8 X 1.25 X 30	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	1
007349008002		
	WASHER, 8.4	1
11506101	NUT, M10 X 1.5	2
HOSE, FRESH WATER OUTLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
5125920	BRACKET (4.12" L.)	1
5312030701	TUBE CAC	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
23520943	BRACKET	1
23525608	CLIP, 1.75 DIA CAC	3
5312030037	BRACKET CLIP	1
5312030339	COVER, S2000	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	3
11509512	BOLT, M8 X 1.25 X 25 MM	1
910105014012		
	BOLT, M14 X 1.5 X 30	1
007349008002		
	WASHER, 8.4	3
23524675	GASKET, BEADED	1
11507036	NUT, M8 X 1.25	1
5.4000A - FAN		
BLADE, FAN HIGH LOW AND CRANKSHAFT MOUNTED		
NPB	(CUSTOMER FURNISHED)	1
PULLEY AND HUB ASSY., FAN		
5142149	PULLEY AND HUB ASSY.	1
11509530	BOLT, M14 X 2.0 X 40 MM	4
SUPPORT, FAN MOUNTING		
5312060040	SUPPORT, FAN S2000	1
BRACKET, FAN SUPPORT		
11513960	BOLT, M10 X 1.5 X 145 MM	7
TENSIONER, BELT		
5311500009	TENSIONER ASSY.	1
PULLEY, FAN BELT IDLER		
23512809	PULLEY, BELT TENSIONER 86.0 DIA.	1
5311550003	SPINDLE, BELT TENSIONER	1
8920105	BOLT, M10X1.5X35.0 MM LOCK THD.	1
8929064	RING, INT RETAINING 3.121" O.D. (12.4048)	1
8929214	WASHER	1
BEARING, FAN BELT IDLER PULLEY		
23512817	BEARING, BALL DBL ROW BELT TENSIONER	1
SHAFT, FAN BELT IDLER PULLEY		
23512816	SHAFT, BELT TENSIONER	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	3
5312060071	BOLT, M10 X 1.5 X 270	1

PART #	NAME AND DESCRIPTION	QUANTITY
6.1000A - EXHAUST MANIFOLD		
MANIFOLD, EXHAUST		
5311420104	MANIFOLD, EXHAUST RB 8V S2000	1
5311420204	MANIFOLD, EXHAUST LB 8V S2000	1
ADAPTOR, EXHAUST MANIFOLD		
5311420901	ADAPTER, EXHAUST MANIFOLD RB K31 8V S2000	1
5311421001	ADAPTER, EXHAUST MANIFOLD LB K31 8V S2000	1
5366200010	STUD, M10 X 1.5 X 59 EXH ADAPTOR	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
GASKET, EXHAUST MANIFOLD		
5361420280	GASKET, EXHAUST MANIFOLD TO HEAD	8
GASKET, EXHAUST MANIFOLD ADAPTOR		
5311420080	GASKET, EXHAUST MANIFOLD ADAPTOR 8V	2
BOLT, EXHAUST MANIFOLD TO HEAD		
23511667	SPACER	16
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	16

PART #	NAME AND DESCRIPTION	QUANTITY
7.1000A - BATTERY CHARGING GENERATOR		
GENERATOR ASSY.		
19010182	GEN CHRGR AC 24V70A NG CW/CCW 21SI	1
179882	BOLT, 1/2"-13X1 1/8"	1
PULLEY, GENERATOR		
5145471	PULLEY (2.83" DIA., 9 GROOVE) (POLY-VEE)	1
BELT, GENERATOR DRIVE		
5319970192	BELT, POLY VEE S2000	1
STRAP, GENERATOR ADJUSTING		
23511669	LINK, ADJUSTING ROD	1
23511670	ROD, ALTERNATOR ADJUSTING M16 X 2 X 254	1
23515862	TUBE .625" LENGTH WITH SLIT	1
11503454	BOLT, M10 X 1.5 X 20.0	1
9427945	BOLT, 1/2"-13 X 6.25" (12.9001)	1
103345	WASHER, 5/8"	2
5132715	WASHER, .53"X.94"X.12" (1.3140)	2
102637	NUT, 1/2"-13	1
11501055	NUT, M16X2.0	2
BRACKET, GENERATOR MOUNTING		
5311540145	BRACKET, ALTERNATOR SUPPORT	1
23523608	BOLT, M10 X 1.5 X 135	2
7.3000A - STARTING MOTOR		
MOTOR ASSY., STARTING		
10478911	MOTOR ASSY., START 24V CW INSU ROLLCLU 50MT	1
23521839	BUSHING, STARTING MOTOR HOLE	1
23523835	STUD, M12 X 45	3
000125013012	WASHER, A13	3
000934012008	NUT, HEX M12	3

DETROIT DIESEL

Custom Parts Catalog

ENGINE DESCRIPTION

SERIES NUMBER: 2000
MODEL NUMBER: R0838K36

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PART #	NAME AND DESCRIPTION	QUANTITY
1.1000	- CYLINDER BLOCK	
1.1001	BLOCK, CYLINDER	
23528846	GASKET, COVER PLATE	1
5412010059	COVER	1
5420100805	BLOCK ASSY., CYLINDER (8V 2000)	1
1.1001	BLOCK, CYLINDER	
5420110501	CRANKCASE, 8V 2000	1
000007008210	PIN, M8 X 24	2
000007016210	PIN, DOWEL 16H 8 X 24	2
5410100023	CAP, MAIN BEARING (INCLUDES 2-000007008207 PINS)	4
5410100123	CAP ASSY., MAIN BEARING THRUST	1
5410510010	BEARING, CAMSHAFT	4
5410510310	BEARING, CAMSHAFT	1
0009973532	PLUG, M26 X 1.5	4
0009974320	PLUG, CUP 40MM	3
0009975720	PLUG, CUP	1
007604014100	PLUG, THREADED M14 X 1.5	2
4030110026	PLUG, RIVET TYPE 4	1
4039970420	PLUG, CUP	5
5419970032	PLUG	5
005401999012	BALL, PIPE 6.35MM	1
005401999023	BALL, STEEL M10	4
005401999031	BALL, PIPE 14.288MM	4
5410110071	BOLT, MAIN BEARING CAP (S2000)	10
5419900101	BOLT, MAIN BEARING CAP CROSS	10
007603014106	WASHER, A14 X 20 COPPER	2
007603018101	WASHER, A18 X 22 COPPER	1
007603026104	WASHER, A26 X 31 COPPER	4
007603030101	WASHER, A30 X 36 COPPER	5
001474004018	CYL GROOVE PIN 4X10	2
007604014100	PLUG, THREADED M14 X 1.5	3
304017010043	BOLT, M10 X 20	2
007603014106	WASHER, A14 X 20 COPPER	3
1.1000A	- AIR BOX DRAINS	
1.1100	TUBE, AIR BOX DRAIN	
23526482	TUBE ASSY., TURBO OIL DRAIN	1
5244760224	FITTING, M27 X 2 ISO 6149 TO 1 1/16"-12 (INCLUDES 5319970345 SEAL RING)	2
5311880120	TUBE ASSY., TURBO OIL DRAIN (LB 8V, RB 12V)	1
8929285	GASKET (3.5505)	2
11509511	BOLT, M8 X 1.25 X 20 MM	4
1.2000	- CYLINDER HEAD	
1.2001	HEAD ASSY., CYLINDER	
5410100020	HEAD ASSY., CYLINDER	8
1.2001	HEAD ASSY., CYLINDER	
005401305500	BALL, PLUG 5.5MM G20	1
3269971020	PLUG, CUP 40.3 MM DIA	2
5410100701	HEAD, CYLINDER	1
5410530532	INSERT, EXHAUST VALVE SEAT	2
5410531230	GUIDE, INTAKE & EXHAUST VALVE STEM	4
5410532131	INSERT, VALVE SEAT INTAKE	2

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1.2000	- CYLINDER HEAD	
1.2045	TUBE, INJECTOR HOLE	
5410170188	TUBE, INJECTOR (ALSO REPLACE 5419970345 SEAL RING)	1
1.2046	RING, INJECTOR HOLE TUBE SEAL	
5419970345	SEAL RING, 25ID X 32.40D (NOZ LWR)	1
6019920325	PIN, SLOT SPR. 10.05 X 15	16
5419900501	BOLT, CYLINDER HEAD MOUNTING	32
1.2010	GASKET, CYLINDER HEAD COMPRESSION	
5410160920	GASKET, CYLINDER HEAD	8
1.2000A	- ENGINE LIFTER BRACKET	
1.2070	BRACKET, ENGINE LIFTER-FRONT	
23528843	BRACKET, FRONT LIFTER	1
5412231241	BRACKET ASSY., ENGINE LIFTER R-FRNT	1
23530686	BOLT, M14 1.5 X 30 LG 10.9 HEX	1
910105014012	BOLT, M14 X 1.5 X 30	1
1.2080	BRACKET, ENGINE LIFTER-REAR	
23524072	BRACKET ASSY., ENGINE LIFTER L-REAR	1
5312240040	BRACKET ASSY, ENGINE LIFTER R-REAR	1
5319900104	BOLT, M12 1.5 X 180	4
5117562	WASHER, 1/2"X15/16"X1/16" (1.8360)	2
1.3000	- CRANKSHAFT	
1.3001	CRANKSHAFT ASSY.	
23529380	CRANKSHAFT ASSY. 8V2000	1
5310300401 NS	CRANKSHAFT ASSY. 8V2000	1
1.3001	CRANKSHAFT ASSY.	
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	12
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	6
1.3145	GEAR, CRANKSHAFT (TIMING)	
5360520103	GEAR, CRANKSHAFT FRONT S2000	1
1.3090	SHELL, CRANKSHAFT MAIN BEARING	
23528400	SHELL SET, .10 UNDERSIZE	AR
23528401	SHELL SET, .25 UNDERSIZE	AR
23528402	SHELL SET, .50 UNDERSIZE	AR
23528403	SHELL SET, .75 UNDERSIZE	AR
23528404	SHELL SET, 1.00 UNDERSIZE	AR
23528399	KIT, MAIN BEARING STD	5
5410330962	THRUST WASHER, 5.375 W	4
1.3000A	- CRANKSHAFT FRONT COVER	
1.3156	HOUSING ASSY., GEAR CASE	
5360150302	HOUSING, GEAR CASE S2000	1
1.3158	COVER, GEAR CASE	
5360150049	SLEEVE	1
5310100333	GEAR CASE ASSY.	1
1.3158	COVER, GEAR CASE	
5150131	PLUG, 7/16" CUP	4
5319970532	PLUG, M27 X 2	2
5360150302	HOUSING, GEAR CASE S2000	1
9428477	PLUG, 15/16" CUP (2.7340)	1
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5150131	PLUG, 7/16" CUP	4
5319970132	PLUG ASSY., M42 X 2	2
9428477	PLUG, 15/16" CUP (2.7340)	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11509513	BOLT, M8 X 1.25 X 40 MM	5
11509514	BOLT, M8 X 1.25 X 50 MM	3
11509515	BOLT, M8 X 1.25 X 60 MM	2
5311550076	WASHER, SUPPORT	1

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1.3000A - CRANKSHAFT FRONT COVER		
1.3162	COVER, ENGINE FRONT LOWER	
5361870096	COVER, OIL TRANSFER	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
1.3170	GASKET, CRANKSHAFT FRONT COVER	
23527024	GASKET, GEAR CASE TO BLOCK	1
700429036000	SEAL RING, 36 X 2	1
1.3185	FLANGE, OIL DRAIN	
23524678	COVER, STEEL S2000	1
5319971132	PLUG ASSY., M18 X 1.5	1
5311870080	GASKET, GEARCASE DRAIN S2000	1
11500868	BOLT, M8 X 1.25 X 30.0 LG	2
1.3191	COVER, ENGINE FRONT ACCESSORY DRIVE	
23517382	COVER, ACSRY REAR 6 HOLE	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	6
1.3192	GASKET, ENGINE FRONT ACCESSORY DRIVE	
8929299	GASKET, ACCESSORY FRONT	1
1.3195	COVER, CRANKSHAFT FRONT COVER SMALL HOLE	
5360520120	COVER, OIL FILL	1
5361840009	COVER, OIL SUPPLY	1
5361870196	COVER, WATER INLET S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	7
1.3196	GASKET, CRANKSHAFT FRONT COVER SMALL HOLE COVER	
23508392	RING, SEAL	1
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
5360520180	GASKET, S2000	1
1.3000B - VIBRATION DAMPER		
1.3210	DAMPER, VIBRATION	
5310350149	SPACER DAMPER S2000	1
5310350200	DAMPER, VIBRATION (VISCOUS TORSIONAL)	2
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT (1.3040)	1
1.3230	HUB, VIBRATION DAMPER	
23524933	HUB ASSY., CRANKSHAFT S2000	1
1.3230	HUB, VIBRATION DAMPER	
23524835	HUB, VIBRATION DAMPER S2000	1
1.3232	SLEEVE, VIBRATION DAMPER HUB	
5360320014	WEAR SLEEVE, CRANKSHAFT FRONT	1
1.3000C - CRANKSHAFT PULLEY		
1.3280	PULLEY, CRANKSHAFT	
5360320604	PULLEY, CRANKSHAFT 12 PL 295 DIA	1
1.3290	RETAINER, CRANKSHAFT PULLEY	
23524934	BOLT, M14 X 2.00 X 170.00 LG	14
1.3000D - CRANKSHAFT PULLEY BELT		
1.3320	BELT, CRANKSHAFT PULLEY DRIVE	
23528592	BELT, POLY-V 12 RIBS 79.00 LG	1
1.4000A - FLYWHEEL		
1.4001	FLYWHEEL ASSY.	
23523990	FLYWHEEL, SAE #1 DRY DDC 8/12V S2000	1
1.4001	FLYWHEEL ASSY.	
5310321001	FLYWHEEL, SAE #1 S2000	1

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1.4000A - FLYWHEEL		
1.4010 GEAR, FLYWHEEL RING		
5360310027	RING, WEAR DRY S2000	1
5310320209	PLATE, FLYWHEEL SCUFF	1
000961016027		
	BOLT, M16 1.5 X 55	14
1.4080 HUB, FLYWHEEL FLEXIBLE COUPLING		
23525883	HUB ASSY., FLYWHEEL SAE #1	1
1.4080 HUB, FLYWHEEL FLEXIBLE COUPLING		
5360520148	WHEEL, TIMING	1
23525542	BOLT, 12 PT M16 X 1.5 X 98	10
1.5000A - FLYWHEEL HOUSING		
1.5001 HOUSING ASSY., FLYWHEEL		
000007016210		
	PIN, DOWEL 16H 8 X 24	2
5310130310	HOUSING, FLYWHEEL SAE 1	1
23524022	PLUG, CUP	2
23524460	PLUG ASSY., M27 X 2.0	2
	(INCLUDES 1-5319970345 SEAL RING)	
5319970132	PLUG ASSY., M42 X 2	1
	(INCLUDES 1-5319970245 SEAL RING)	
9421770	PLUG, 3 1/4" CUP (12.9320)	2
23522001	SEAL, FLYWHEEL HOUSING OIL PASSAGE	1
5319971845	SEAL RING, (ROUND SECTION)	1
5319971945	SEAL RING, (ROUND SECTION)	1
735073008000		
	PLUG SEAL	1
23521532	BOLT	8
5419900204	BOLT, M12 X 1.5 X 167	4
1.5004 SEAL, CRANKSHAFT OIL-REAR		
5319970147	SEAL, CRANKSHAFT REAR DRY	1
1.5021 SUPPORT ASSY., CRANKSHAFT REAR		
23524073	SUPPORT ASSY., OUTBOARD BEARING SAE 1	1
1.5004 SEAL, CRANKSHAFT OIL REAR		
23521816	BEARING, OUTBOARD SUPPORT	1
5310330104	SUPPORT, OUTBOARD BEARING	1
11504822	BOLT, M8 X 1.25 X 30	14
1.6000 - CONNECTING ROD AND PISTON		
1.6001 CONNECTING ROD ASSY.		
23525744	ROD ASSY., CONNECTING	8
	USE BOLTS 4420380071; REQUIRES 23528393 BRG KIT	
1.6100 SHELL, CONNECTING ROD BEARING		
23528393	BEARING SET, CONN ROD STD	8
23528394	BEARING SET, CONN ROD .10 UNDERSIZE	AR
23528395	BEARING SET, CONN ROD .25 UNDERSIZE	AR
23528396	BEARING SET, CONN ROD .50 UNDERSIZE	AR
23528397	BEARING SET, CONN ROD .75 UNDERSIZE	AR
23528398	BEARING SET, CONN ROD 1.0 UNDERSIZE	AR
1.6110 PISTON KIT		
5220302217	PISTON ASSY., 16:1 CARBON SCRAPER NO DOT	8
1.6115 RING SET, PISTON		
	RING SET CONSISTS OF SUFFICIENT RINGS FOR ONE (1) PISTON.	
23528010	RING SET	1
1.6120 RING, PISTON COMPRESSION		
23528081	RING, SECOND COMPRESSION	8
5310370119	RING, TOP KEYSTONE	8
1.6130 RING, PISTON OIL CONTROL		
5310370118	RING, OIL CONTROL	8

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1.6000	- CONNECTING ROD AND PISTON	
1.6140 PIN, PISTON		
5410370220	PIN, PISTON	8
1.6150 RETAINER, PISTON PIN		
5419940037	SNAP RING, PISTON PIN	16
1.6180 LINER, CYLINDER		
5360110359	RING, OIL CONTROL LINER M91CE	8
5360110410	LINER, CYLINDER CARBON SCRAPER	8
1.6190 SEAL, CYLINDER LINER		
0229974948	RING, SEAL LINER LOWER	16
5410110059	SEAL RING, BRASS UPPER	8
1.7000	- CAMSHAFT AND GEAR TRAIN	
1.7001 CAMSHAFT ASSY.		
23530085	CAMSHAFT ASSY, W/GEAR 8V2000	1
1.7220 GEAR ASSY., IDLER		
5360500005	GEAR & BUSHING ASSY., IDLER S2000	2
1.7222 GEAR, IDLER		
5360520002	GEAR, IDLER	1
1.7225 BUSHING, IDLER GEAR		
5360520050	BUSHING, IDLER GEAR	1
1.7250 HUB, IDLER GEAR		
23528215	HUB, IDLER GEAR	2
23505885	DOWEL, SLEEVE OIL PUMP	2
11504972	BOLT, M6 X 1.00 X 30 MM	2
1.7445 GEAR, CRANKSHAFT TIMING		
23525612	GEAR ASSY., CRANKSHAFT 8V S2000	1
1.7000A	- BALANCE WEIGHT COVER	
1.7470 COVER, BALANCE WEIGHT		
23524859	COVER ASM GEAR CASE	1
23527997	TUBE ASSY., OIL SUPPLY	1
5319971672	ELBOW, 90 DEG	1
5319971432	PLUG ASSY., M14 X 1.5	1
000912010020		
	BOLT, M10 X 60	4
11504516	BOLT, M10 X 1.5 X 35 LG	14
11509523	BOLT, M10 X 1.5 X 55 MM	7
23520351	SCREW, M8 X 1.25 X 110	2
007603008109		
	WASHER, A8 X 11.5 COPPER	2
23507367	WASHER, 3/8" VITON (4.4115)	4
1.7490 COVER, BALANCE WEIGHT COVER HOLE		
23505273	COVER, PWR STRG PUMP	1
5360150030	COVER, ACCESSORY DRIVE S2000	1
11503454	BOLT, M10 X 1.5 X 20.0	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
23519770	BOLT, M12 X 1.75 X 75	2
1.7500 GASKET, BALANCE WEIGHT COVER HOLE		
23516100	GASKET, PWR STRG PMP COVER/FUEL PUMP	1
5369970745	SEAL, 136.12 ID X 142.88 OD	1
1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
1.8055 SHAFT AND ARMS ASSY., ROCKER COMPLETE		
5410500936	ROCKER ARM ASSY., COMPLETE	8
1.8055 SHAFT AND ARM ASSY., ROCKER COMPLETE		
5410500836	ROCKER ARM, S2000 (PEDESTAL)	1
5419900304	BOLT, M10 X 90	2

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1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
1.8060	ARM ASSY., EXHAUST VALVE ROCKER	
5410500634	ROCKER ARM ASSY., EXHAUST	1
1.8075	ARM ASSY., INTAKE VALVE ROCKER	
5410500733	ROCKER ARM ASSY., INTAKE	1
1.8135	SCREW, ROCKER ARM ADJUSTING	
000471024000		
	SNAP RING, 24 X 1.2	2
0019908240	SPACER 37 OD X 25 ID X 1 THK	2
4229900051	NUT, HEX M12 ROCKER ARM ADJUSTING S2000	2
5410550620	SCREW, ADJUSTING	2
1.8180	ROD, PUSH	
5410540505	ROD, ROCKER ARM PUSH S2000	16
1.8260	FOLLOWER ASSY., CAMSHAFT	
5410500322	FOLLOWER, CAMSHAFT	16
1.8310	VALVE, EXHAUST	
23527979	VALVE, EXHAUST	16
1.8315	VALVE, INTAKE	
23528101	VALVE, INTAKE	16
1.8320	GUIDE, EXHAUST VALVE	
0000533558	SEAL, VALVE STEM	32
1.8340	SPRING, EXHAUST VALVE	
5410530020	SPRING, VALVE S55/2000	32
1.8343	BRIDGE, EXHAUST VALVE	
5410550806	BRIDGE, FLOATING VALVE	16
1.8360	SEAT, EXHAUST VALVE SPRING	
5410530225	RETAINER, VALVE SPRING	32
1.8365	ROTATOR, VALVE	
3669900240	SEAT, VALVE SPRING S55/2000	32
1.8370	LOCK, EXHAUST VALVE SPRING	
5410530226	KEEPER, VALVE	64
1.8000A	- ROCKER COVER	
1.8450	COVER ASSY., ROCKER	
5310160205	COVER, VALVE S2000	2
5310160605	COVER, VALVE S2000	6
1.8455	GASKET, ROCKER COVER	
5310160021	GASKET, VALVE COVER	8
1.8460	BOLT, ROCKER COVER	
910105008022	BOLT, ROCKER COVER MOUNTING S2000	16

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2.1000A - FUEL INJECTOR		
2.1001	INJECTOR ASSY.	
0050709601	PUMP INJECTION M91CE S2000	8
2.1040	RING, INJECTOR SEAL	
0239976448	SEAL RING, UPPER 47 X 2.5	1
0239976548	SEAL RING, LOWER 45 X 2.5	1
5419900301	BOLT, M10 12PT UNIT PUMP	16
2.1004	TUBE ASSY., FUEL SUPPLY	
5220700232	TUBE FUEL HIGH PRESSURE EXTERNAL TIER II	8
2.1006	LINE, FUEL INJECTION INTERNAL	
0000170624	TUBE ASM FUEL INJECTOR 2.5MM ID NO BAND	8
5410170071	RETAINER NUT M22 X 1.50 M91CE S2000	8
5419970645	SEAL RING 11MM X 17MM OD	8
2.1235	TIP ASSY., INJECTOR SPRAY	
0010100851	NOZZLE ASM 8X0.239X150XQ2380 8V S2000	8
2.1270	CLAMP, INJECTOR	
5410780535	CLAMP. INJECTOR NOZZLE	8
2.1275	SUPPORT, INJECTOR CLAMP	
5410100235	PLUG ASSY., INJECTOR CLAMP	8
2.1280	STUD, INJECTOR CLAMP	
000931010142	BOLT, M10 X 90	8
2.1000B - INJECTOR CONTROLS ELECTRONIC		
2.1501	MODULE ASSY., ELECTRONIC INJECTOR CONTROL	
23519308	(R) MODULE, ELEC CONTROL DDEC IV	1
12040542	COVER ECM TERMINAL PROTECTION	1
23513607	COVER COMMUNICATION PROTECTION DDEC III	1
23513608	COVER POWER CONN PROTECTION DDEC III	1
2.1520	PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD	
23512307	ISOLATOR, ECM MOUNT	8
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	4
2.1600	SENSOR, OIL OR FUEL PRESSURE	
0025358931	SENSOR, OIL/FUEL PRESSURE 10 BAR M14X1.5 (2.1600)	1
2.1610	SENSOR, MAG. IDLER	
0005356533	SENSOR ASSY., SRS/TRS	1
5319971432	PLUG ASSY., M14 X 1.5	1
11504986	BOLT, M8 X 1.25 X 14 MM	2
2.1620	SENSOR, MAG. CRANKSHAFT	
23505977	SENSOR, SRS/TRS	1
2.1630	SENSOR, OIL, FUEL OR COOLANT TEMPERATURE	
0005355630	SENSOR, OIL/FUEL/COOLANT/CHARGE TEMP (02.1630)	4
2.1650	SENSOR, AIR PRESSURE	
0025359031	SENSOR, TURBO BOOST (4.6 BAR) M18X1.5	1
2.1700	HARNESS, ELECTRONIC DISTRIBUTOR UNIT TO INJECTOR	
5186840	CLAMP, 1 1/2" I.D. (12.9660)	2
5311500033	HARNESS, INJECTOR	1
5311530050	SLEEVE, PROTECTIVE 350.0MM	1
2.1704	HARNESS, ENGINE SENSORS TO ECM	
5311500933	HARNESS, SENSOR 8V S2000 GENSET	1
23520334	CLIP, HOSE 1 X .75 X .375 X .5	4
5101020	STRAP, NYLON (2.5255)	8
2.2000 - FUEL PUMP		

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2.2000	- FUEL PUMP	
2.2001	PUMP ASSY., FUEL	
23526547	PUMP ASSY., FUEL	1
5319971032	PLUG ASSY., M18 X 1.5	2
000933008040		
	BOLT, M8 X 20	3
23520927	BOLT, 3/8"-24 X 1.75"	1
2.2007	GASKET, FUEL PUMP TO ENGINE	
5150193	GASKET (FUEL PUMP TO DRIVE ASSY.) (5.1010)	1
2.2220	FORK, FUEL PUMP COUPLING	
8921934	FORK	1
2.2228	DISC, FUEL PUMP DRIVE	
5360910125	DISC ASSY., FUEL PUMP	1
2.3000A	- FUEL FILTER AND STRAINER	
2.3010	ELEMENT, FUEL STRAINER	
23530642	FILTER, FUEL PRIMARY	1
2.3320	ELEMENT, FUEL FILTER	
23530644	FILTER, FUEL SECONDARY	1
2.3390	COVER, FUEL FILTER	
5310900052	ADAPTOR ASSY., DUAL PRIMARY & SECONDARY	1
2.3530	BRACKET, FUEL FILTER MOUNTING	
23504703	SPACER, 15/32" I.D. X 0.870 D.D. X 0.70" THK.	1
5249900512	BOLT	1
23527041	BRACKET, FUEL FILTER ADAPTOR	1
103342	WASHER, 7/16"	5
11509525	BOLT, M10 X 1.5 X 110 MM	4
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	3
23500708	NUT, M12 X 1.75	4
2.4000	- FUEL MANIFOLD AND/OR CONNECTIONS	
2.4018	JUNCTION BLOCK, TO FUEL MANIFOLD	
23530434	BLOCK ASSY., FUEL JUNCTION 8.5 BAR	1
5319972072	ELBOW, 90 DEG	1
5249970172	ADAPTOR, 37 DEG	1
23530435	FITTING, STRAIGHT	1
11509525	BOLT, M10 X 1.5 X 110 MM	2
2.5000A	- FUEL LINES AND FUEL COOLER	
2.5100	TUBE, FUEL PUMP TO FILTER	
000125006431		
	WASHER, A6.4	1
000934006006		
	NUT, HEX M6	1
11504972	BOLT, M6 X 1.00 X 30 MM	1
2236474	CLIP, #10	2
5310780053	SPACER	1
5310780341	BRACKET	1
5319971432	PLUG ASSY., M14 X 1.5	1
5310780302	TUBE ASSY., FUEL FLTR HD TO PMP	1
5310780502	TUBE ASSY., FUEL PUMP SUPPLY TO FILTER	1
5360780031	CONNECTOR ASSY., STRAIGHT	2
5360780131	ELBOW, 90 DEGREE	3
000125008427		
	WASHER, A8.4	1
2.5160	HOSE, FILTER TO CYLINDER HEAD	
11504986	BOLT, M8 X 1.25 X 14 MM	1
11509512	BOLT, M8 X 1.25 X 25 MM	1
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	2

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2.5000A	- FUEL LINES AND FUEL COOLER	
5147599	CLIP, .562" DIA. 1/2" BOLT (2.5120)	1
5178895	SPACER, .40"X7/8"X.40" (7.1585)	1
5310701332	HOSE ASSY., FUEL FILTER TO ENGINE BLOCK	1
5360780046	ELBOW, M18 X 1.5	1
2.5175	TUBE, JUNCTION BLOCK TO CYLINDER HEAD	
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	2
5178895	SPACER, .40"X7/8"X.40" (7.1585)	2
5310701432	HOSE ASSY., ENGINE BLOCK TO JUNCTION BLOCK	1
5310780331	ELBOW, 45 DEG CONNECTOR	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
2.5205	TUBE, FUEL DRAIN CROSSOVER	
23526717	FITTING, BANJO	3
23523014	TUBE ASY W/BANJO	6
23528534	TUBE ASSY., FUEL SUPPLY GALLERY JUMPER	1
23528535	TUBE ASSY., FUEL SUPPLY GALLERY JUMPER	1
915036005100	BOLT, BANJO M8 X 1 (4/5)	1
915047004100	BOLT, BANJO DOUBLE M8 X 1 4/5	7
007603008109	WASHER, A8 X 11.5 COPPER	23
2.5206	HOSE, FUEL DRAIN CROSSOVER	
ACKLM0260	HOSE ASSY., #5 X 28.5 LG	1
000125008427	WASHER, A8.4	1
11509523	BOLT, M10 X 1.5 X 55 MM	1
2236474	CLIP, #10	1
5175705	SPACER, 13/32"X7/8"X1" (8.3826)	1
23523878	HOSE, FUEL BLEED RB	1
915036012101	BOLT, BANJO A12 M16 X 1.5	2
915047012203	BOLT, DOUBLE BANJO N15047 M16 X 4.5	2
007603016105	WASHER, A16 X 20 COPPER	10

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PART #	NAME AND DESCRIPTION	QUANTITY
3.3000A - AIR INLET HOUSING		
3.3004	ADAPTOR, AIR INLET MANIFOLD	
23506963	CLAMP, HOSE 5 1/4"-6 1/8 ID CONS	2
5310980240	ADAPTOR, INTAKE MANIFOLD	1
5319970083	HOSE, 5.25" DIA X 3.12 LG	1
	USE HOSE 23524322 WHEN SHTDWN SLND IS USED	
000933008118		
	BOLT, M8 X 35	4
	USE BOLT 304017008089 WHEN SHTDWN SLND IS USED	
000125008427		
	WASHER, A8.4	4
3.3310	MANIFOLD, AIR INLET	
5310980007	MANIFOLD, INTAKE 8V S2000	1
000908052000		
	PLUG, M52 X 2	1
5319971132	PLUG ASSY., M18 X 1.5	1
	(INCLUDES 0005333080 SEAL RING)	
5319971832	PLUG ASSY., M10 X 1.00	1
	(INCLUDES 5319971045 SEAL RING)	
11509515	BOLT, M8 X 1.25 X 60 MM	16
007603052101		
	WASHER, A52 X 60 COPPER	1
3.3311	GASKET, AIR INLET MANIFOLD	
4571410080	GASKET, INTAKE MANIFOLD	8
5311420057	SEAL RING, .210 X 5.225	1
3.5000A - TURBOCHARGER		
3.5001	TURBOCHARGER	
5310960199	TURBOCHARGER ASSY., K31-376700AKB/22.20DCAYD	2
3.5001	TURBOCHARGER	
53311232004		
	WHEEL, COMPRESSOR TURBO K31	1
3.5003	HOUSING, TURBOCHARGER TURBINE	
53271090402		
	BOLT, M8 X 14	6
53311018502		
	HOUSING, TURBINE K31	1
53311095802		
	CLAMP, TURBO HSG TO CTR ROT ASSY.	3
3.5018	HOUSING ASSY., TURBOCHARGER INTERMEDIATA	
53317100013		
	HSG & CTR ROTATING ASSY., K31	1
3.5022	HOUSING, TURBOCHARGER COMPRESSOR	
53311013019		
	HOUSING, COMPRESSOR TURBO	1
53311095200		
	CLAMP, V-BAND	1
3.5036	WHEEL, TURBOCHARGER COMPRESSOR	
52401095300		
	NUT	1
53311285001		
	NUT, COMPRESSOR WHEEL	1
23507438	STUD, M10 X 1.5 X 44.0	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
3.5307	GASKET, TURBOCHARGER EXHAUST INLET CONNECTION	
8929529	GASKET, TURBO EXHAUST INLET	2
3.5425	INTERCOOLER, TURBOCHARGER	
5310980120	ELEMENT, CHARGER AIR COOLER	1
5310980537	COVER, CHARGE AIR COOLER	1
11504822	BOLT, M8 X 1.25 X 30	21
11509513	BOLT, M8 X 1.25 X 40 MM	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	4

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3.5000A - TURBOCHARGER		
3.5432	HOUSING/BASE, INTERCOOLER CHARGE AIR COOLER	
23527011	BASE, CHARGE AIR COOLER	1
5310980140	FLANGE, COMP CONNECTOR	2
5310980253	CONNECTOR, TURBO COMP OTLT	2
5310980045	SEAL RING	2
5319970145	SEAL RING, (ROUND SECTION)	2
5359970045	SEAL RING, .210 X 2.350 ID	2
11508331	BOLT, M8 X 1.25 X 140	4
23505062	BOLT, M10 X 1.5 X 40	2
23526567	BOLT, M8 X 1.25 X 30.00 LG	6
23526569	BOLT, M8 X 1.25 X 100.0 LG	1
23526574	BOLT, M10 X 1.5 X 105.0 LG	2
3.5446	GASKET, INTERCOOLER/CHARGE AIR COOLER	
23528407	GASKET, CHARGE AIR COOLER	1
5310940080	GASKET, CAC ELEMENT TO CAP	1
5310980180	GASKET, CAC ELEMENT TO BASE	1
3.5500	TUBE, TURBOCHARGER OIL SUPPLY	
REFER TO AIR BOX DRAIN TYPE FOR TURBO OIL DRAIN LINES.		
23522364	TUBE ASSY., TURBO OIL SUPPLY RB	1
23524005	TUBE ASSY., TURBO OIL SUPPLY	1
3.5502	CLIP, TURBOCHARGER OIL SUPPLY TUBE	
5311880620	TUBE ASSY., TURBO OIL SUPPLY LB	1
5361880166	CONNECTOR	2
23520334	CLIP, HOSE 1 X .75 X .375 X .5	3
11503454	BOLT, M10 X 1.5 X 20.0	1
5311800180	BOLT ASSY., BANJO DOUBLE M14 X 1.5	1
23550149	RING SEAL A14 X 20 COP (VENT LINE)	1
5157412	SPACER, 7/8"X13/32"X1/4"	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
4.1001 PUMP ASSY., OIL		
23528081	PUMP ASSY., OIL	1
000933008245		
	BOLT, M8 X 55	3
4.1000B - OIL DISTRIBUTION SYSTEM		
4.1510 PIPE, OIL PUMP INLET		
5311800052	TUBE ASSY., LUBE OIL PICK UP 8V S2000	1
910105008019		
	BOLT, HEX M8 X 1.25 X 16	2
4.1520 GASKET, OIL PUMP INLET PIPE		
917003036003		
	GASKET FLG M36X58X0.5 DBL 6012.40	1
4.1540 BRACKET, OIL PUMP SCREEN SUPPORT		
23526509	BRACKET, OIL INLET SUPPORT	1
5181415	CLIP, 1 1/8" TUBE, 7/16" BOLT (5.5390)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
910105012003		
	BOLT, M12 1.50 X 20.0 HEX FLG	1
11502811	NUT, M8 X 1.25	1
4.1569 NOZZLE ASSY., OIL SPRAY		
5411800743	NOZZLE ASSY., OIL SPRAY	8
304017008077		
	BOLT, M8 X 16 8.8	8
4.1000C - OIL PRESSURE REGULATOR		
4.1671 RELIEF, VALVE OIL PRESSURE		
5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	1
5411800415	VALVE ASSY., OIL PRESSURE RELIEF S2000	1
4.2000A - OIL FILTER		
4.2250 ELEMENT, OIL FILTER		
5241800110	FILTER, LUBE OIL	2
4.2291 ADAPTOR, OIL FILTER COVER		
5311800111	ADAPTOR ASSY., OIL FILTER	1
5319970332	PLUG ASSY., M33 X 2	4
5361840017	INSERT, OIL FILTER ADAPTOR	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	5
4.2293 GASKET, OIL FILTER ADAPTOR TO OIL COOLER ADAPTOR		
5369970545	SEAL, 37.69 ID X 44.45 OD	2
4.4000A - OIL COOLER		
4.4001 CORE, OIL COOLER-ENGINE		
5361880026	ELEMENT, OIL COOLER	2
4.4020 GASKET, OIL COOLER CORE PLATE		
5361880080	GASKET, OIL COOLER	1
4.4030 GASKET, OIL COOLER CORE-INNER		
23529112	GASKET	6
5139805	SEAL RING, 1.171 X .139	12
4.4050 HOUSING, OIL COOLER-ENGINE		
5311880104	HOUSING, OIL COOLER S2000	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5319970132	PLUG ASSY., M42 X 2	4
5319970332	PLUG ASSY., M33 X 2	2
11508331	BOLT, M8 X 1.25 X 140	2
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	1

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4.4000A - OIL COOLER		
4.4060	COVER, OIL COOLER HOUSING	
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
5311870074	STUD, OIL COOLER	2
218443	NUT, 3/4"-10	6
4.4100	BRACKET, OIL COOLER HOUSING SUPPORT	
5311880040	BRACKET	1
000960014027		
	BOLT M14X50	1
11509514	BOLT, M8 X 1.25 X 50 MM	4
4.4140	VALVE, OIL COOLER BYPASS	
5311840028	VALVE, OIL COOLER BYPASS	1
4.4150	SPRING, OIL COOLER BYPASS VALVE	
5177778	SPRING (4.1260)	1
4.4170	GASKET, OIL COOLER BYPASS VALVE PLUG	
5177773	GASKET, 23/32 COPPER (4.4170)	1
4.4189	HOUSING, TRANSFER OIL/WATER	
5312030361	TRANSFER HSG	1
11509512	BOLT, M8 X 1.25 X 25 MM	3
4.4192	HOSE, OIL COOLER INLET OIL	
5369970545	SEAL, 37.69 ID X 44.45 OD	1
4.4195	HOSE, OIL COOLER OUTLET OIL	
5312030201	OIL TUBE	2
5319971845	SEAL RING, .139 X 1.234	4
5369970545	SEAL, 37.69 ID X 44.45 OD	1
4.4270	TUBE, OIL COOLER WATER OUTLET	
5312030301	WATER TUBE	1
5319971745	SEAL RING, .210 X 1.850	2
5369970345	SEAL, 63.09 ID X 69.85 OD	1
4.5000A - OIL FILLER TUBE		
4.5001	TUBE, OIL FILLER	
23524856	TUBE ASSY., OIL FILL RBF S2000	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
4.5010	CAP, OIL FILLER	
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
4.6000A - DIPSTICK		
4.6001	DIPSTICK	
5310180015	GAUGE, OIL LEVEL 45.0 MM	1
4.6020	GUIDE, DIPSTICK	
5310180030	TUBE ASSY., OIL LEVEL GAUGE S2000	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
4.6040	CLIP, DIPSTICK	
5153473	CLIP, 1/2" TUBE, 3/8 BOLT	1
23509744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
4.7000A - OIL PAN		
4.7001	PAN, OIL	
23528011	PAN, OIL	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
5177773	GASKET, 23/32 COPPER (4.4170)	1

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4.7000A - OIL PAN		
11508331	BOLT, M8 X 1.25 X 140	9
23516684	BOLT, M10 X 1.5 X 140	4
23550674	BOLT M8 1.25 X 140.0 LG	3
4.7030 GASKET, OIL PAN TO BLOCK		
5420140022	GASKET, OIL PAN	1
4.7080 PLUG, OIL PAN DRAIN		
5319970932	PLUG ASSY., M22 X 1.5 (INCLUDES 1-5319970545 SEAL RING)	1
5319970532	PLUG, M27 X 2 (INCLUDES 1-5319970345 SEAL RING)	3
4.8000A - VENTILATING SYSTEM		
4.8055 SHELL, BREATHER		
5310160138	RETAINER, BREATHER HOUSING	2
5310180035	HOUSING, ROCKER COVER BREATHER	2
5310180022	BAFFLE PLATE, BREATHER	2
23550249	BOLT, M5 .8 X 15 HEX WASHER HD	6
4.8060 FILTER UNIT, BREATHER		
5310160038	RETAINER, ELEMENT	2
5310160238	RETAINER, BREATHER ELEMENT	2
5310180110	ELEMENT, BREATHER	2
4.8070 GASKET, BREATHER BODY OR SEPARATOR		
23525543	SEAL RING, 3.40 X 74.00 I.D.	2
4.8000A - VENTILATING SYSTEM		
4.8010 EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1828.8 (72.0 IN)	2
5186840	CLAMP, 1 1/2" I.D. (12.9660)	2

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000	- FRESH WATER PUMP	
5.1001	PUMP ASSY., FRESH WATER	
23525638	(R)PUMP ASSY., WATER (HI TEMP)	1
5.1030	BODY, FRESH WATER PUMP	
5312010001	BODY, WATER PUMP S2000	1
5.1070	BEARING, FRESH WATER PUMP	
5319810101	BEARING, WATER PUMP	2
5.1071	RETAINER, FRESH WATER PUMP BEARING AND SEAL	
5362010151	RING, RETAINING	1
5.1077	SEAL, FRESH WATER PUMP BEARING COVER	
8929134	SEAL, LIP TYPE	1
5.1110	IMPELLER, FRESH WATER PUMP	
23521016	NUT, WATER PUMP	1
5312010007	IMPELLER, WATER PUMP	1
5.1180	WASHER, FRESH WATER PUMP SEAL	
5362010376	WASHER, WATER PUMP	1
5.1190	GEAR, FRESH WATER PUMP DRIVE	
5362010306	GEAR, WATER PUMP	1
11500950	BOLT, M12 X 1.75 X 90.0	3
5.1010	GASKET, FRESH WATER PUMP	
23521014	SEAL, WATER PUMP	1
5.1000	- FRESH WATER PUMP	
5.1001	PUMP ASSY., FRESH WATER	
23526396	PUMP ASSY., WATER (SECONDARY)	1
5.1030	BODY, FRESH WATER PUMP	
23526395	PUMP, WATER BODY SCCC	1
5319971432	PLUG ASSY., M14 X 1.5	1
5.1050	SHAFT ASSY., FRESH WATER PUMP	
5312010205	SHAFT, SCCC WATER PUMP S2000	1
5.1060	SPACER, FRESH WATER PUMP BEARING	
5312010018	SPACER, SCCC WATER PUMP S2000	1
5.1065	SEAL, FRESH WATER PUMP SHAFT BEARING	
5362010019	SEAL, OIL S2000	1
5.1070	BEARING, FRESH WATER PUMP	
23503687	BEARING	1
23503727	BEARING ASSY., ACCRY. DRIVE (5.4332)	1
5.1071	RETAINER, FRESH WATER PUMP BEARING AND SEAL	
274746	LOCKRING (5.4235)	1
5.1077	SEAL, FRESH WATER PUMP BEARING COVER	
23522433	SEAL, WATER PUMP HEAT SINK ROTOR	1
5.1110	IMPELLER, FRESH WATER PUMP	
23505998	IMPELLER	1
5.1190	GEAR, FRESH WATER PUMP DRIVE	
5362010005	GEAR, SCCC WATER PUMP S2000	1
5319971132	PLUG ASSY., M18 X 1.5	2
5319971432	PLUG ASSY., M14 X 1.5	1
5.1010	GASKET, FRESH WATER PUMP	
700429118000	SEAL RING, 118 X 4	1
5.1020	STUD, FRESH WATER PUMP MOUNTING	
200835012000	STUD, M12 X 30	1
000125013012	WASHER, A13	1
000934012008	NUT, HEX M12	1
5.1031	COVER, FRESH WATER PUMP BODY	
23528731	COVER ASSY., SCCC WATER PUMP ORIENT	1
11503781	BOLT, M6 X 1 X 20 MM	4
5.1032	GASKET, FRESH WATER PUMP BODY COVER	
5178273	GASKET	1
5.1000A	- FRESH WATER PUMP COVER	

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5.1000A - FRESH WATER PUMP COVER		
5.1235	COVER, WATER PUMP	
23530069	COVER WATER PUMP 8V2000	1
5319970332	PLUG ASSY., M33 X 2	1
11509512	BOLT, M8 X 1.25 X 25 MM	3
5.1236	GASKET, WATER PUMP COVER	
23530120	SEAL WATER PUMP RING 158.11 X 5.33	1
5.2000A - WATER OUTLET ELBOW		
5.2035	ELBOW, WATER OUTLET MANIFOLD	
5312010131	ELBOW, WATER PUMP OUTLET (8V)	1
5319971432	PLUG ASSY., M14 X 1.5	1
11509525	BOLT, M10 X 1.5 X 110 MM	2
8929393	BOLT, M10 X 1.5 X 70.0 (12.9001)	1
5.2037	GASKET, WATER OUTLET MANIFOLD ELBOW	
5312030080	GASKET, OUTLET ELBOW S2000	1
5.2045	TUBE, WATER OUTLET MANIFOLD	
23523671	HOSE, 3.5 X 3.5	1
5.2048	CLAMP, WATER OUTLET MANIFOLD TUBE HOSE	
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	2
5.2000B - THERMOSTAT		
5.2050	THERMOSTAT ASSY.	
5362000015	THERMOSTAT ASSY., 170 SLIDE ON RUB FLG S2000	3
5.2090	HOUSING, THERMOSTAT	
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5319970332	PLUG ASSY., M33 X 2	1
5319970932	PLUG ASSY., M22 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	2
5319971632	PLUG ASSY., ISO 6149 PORT	3
11509515	BOLT, M8 X 1.25 X 60 MM	2
5.2110	GASKET, THERMOSTAT HOUSING	
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970345	SEAL, 63.09 ID X 69.85 OD	1
5369970445	SEAL, 53.57 ID X 60.45 OD	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
5.2120	COVER, THERMOSTAT HOUSING	
531SK1127	COVER, DISTRIBUTION HOUSING PLATE	1
5312030073	HOUSING, THERMOSTAT RB 8V S2000	1
5128234	PIN, JIGGLE	1
5319970132	PLUG ASSY., M42 X 2	1
5319970432	PLUG, M27 X 2	2
5319971632	PLUG ASSY., ISO 6149 PORT	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	8
11509520	BOLT, M8 1.25 X 110.0 LG FLG HEX	2
11509526	BOLT, M10 X 1.5 X 130 MM	14
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	16
5175705	SPACER, 13/32"X7/8"X1" (8.3826)	1
5.2130	GASKET, THERMOSTAT HOUSING COVER	
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	3
5.2000C - WATER BYPASS TUBE		
5.2160	TUBE, WATER BYPASS	
5362030001	TUBE, WATER BYPASS	1
5.2165	HOSE, WATER BYPASS TUBE	

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5.2000C - WATER BYPASS TUBE		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	4
23523671	HOSE, 3.5 X 3.5	2
5.3000B - WATER CONNECTIONS		
5.3329 TUBE, WATER PUMP INLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	3
5125920	BRACKET (4.12" L.)	1
5312030501	TUBE, SECONDARY WATER PUMP TO CAC	1
5312030601	TUBE CAC	1
5361870196	COVER, WATER INLET S2000	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	6
23515353	BRACKET CLIP 90DEG	1
23525608	CLIP, 1.75 DIA CAC	3
23519411	PLUG, 1/2-14	1
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
000933008118		
	BOLT, M8 X 35	1
11503454	BOLT, M10 X 1.5 X 20.0	2
11504822	BOLT, M8 X 1.25 X 30	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
23505062	BOLT, M10 X 1.5 X 40	1
007349008002		
	WASHER, 8.4	1
11506101	NUT, M10 X 1.5	2
5.3446 HOSE, FRESH WATER OUTLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
5125920	BRACKET (4.12" L.)	1
5312030701	TUBE CAC	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
23520943	BRACKET	1
23525608	CLIP, 1.75 DIA CAC	3
5312030037	BRACKET CLIP	1
5312030339	COVER, S2000	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	3
11509512	BOLT, M8 X 1.25 X 25 MM	1
910105014012		
	BOLT, M14 X 1.5 X 30	1
007349008002		
	WASHER, 8.4	3
23524675	GASKET, BEADED	1
700521016200		
	WASHER, M16 X 2	1
11507036	NUT, M8 X 1.25	1
5.4000A - FAN		
5.4015 PULLEY AND HUB ASSY., FAN		
5142149	PULLEY AND HUB ASSY.	1
11509530	BOLT, M14 X 2.0 X 40 MM	4
5.4027 BRACKET, FAN SUPPORT		
23526621	BRACKET, FAN	1
23505755	BOLT, M10 X 1.5 X 155.0	8
5.4290 SCREW, FAN BRACKET ADJUSTING		
23526008	BOLT, M10 X 1.50 X 290.0	1
5.4340 TENSIONER, BELT		
23525959	FAN, TENSIONER ASSY.	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	3
007349010002		
	WASHER, 10.5 STL	3
5.4000A - FAN		
5.4027 BRACKET, FAN SUPPORT		

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PART #	NAME AND DESCRIPTION	QUANTITY
5.4000A - FAN		
23526979	BRACKET, FAN BRACKET SUPPORT ANGLED	1
11508331	BOLT, M8 X 1.25 X 140	2
23511786	BOLT, M10 X 1.5 X 25.00MM (12.9001)	2
23550489	BOLT, M10 1.50 X 135 HVY HEX FLG	2

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PART #	NAME AND DESCRIPTION	QUANTITY
6.1000A - EXHAUST MANIFOLD		
6.1001 MANIFOLD, EXHAUST		
5311420104	MANIFOLD, EXHAUST RB 8V S2000	1
5311420204	MANIFOLD, EXHAUST LB 8V S2000	1
6.1003 ADAPTOR, EXHAUST MANIFOLD		
5311420901	ADAPTER, EXHAUST MANIFOLD RB K31 8V S2000	1
5311421001	ADAPTER, EXHAUST MANIFOLD LB K31 8V S2000	1
5366200010	STUD, M10 X 1.5 X 59 EXH ADAPTOR	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
6.1010 GASKET, EXHAUST MANIFOLD		
5361420280	GASKET, EXHAUST MANIFOLD TO HEAD	8
6.1012 GASKET, EXHAUST MANIFOLD ADAPTOR		
23526491	GASKET, EXHAUST MANIFOLD ADAPTOR	2
6.1025 BOLT, EXHAUST MANIFOLD TO HEAD		
23511667	SPACER	16
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	16

PART #	NAME AND DESCRIPTION	QUANTITY
7.1000A	- BATTERY CHARGING GENERATOR	
7.1001	GENERATOR ASSY.	
19010182	GEN CHRG AC 24V70A NG CW/CCW 21SI	1
179882	BOLT, 1/2"-13X1 1/8"	1
7.1500	PULLEY, GENERATOR	
5145471	PULLEY (2.83" DIA., 9 GROOVE) (POLY-VEE)	1
7.1575	BELT, GENERATOR DRIVE	
5319970192	BELT, POLY V 45" LG	1
7.1580	STRAP, GENERATOR ADJUSTING	
23511669	LINK, ADJUSTING ROD	1
23511670	ROD, ALTERNATOR ADJUSTING M16 X 2 X 254	1
23515862	TUBE .625" LENGTH WITH SLIT	1
11503454	BOLT, M10 X 1.5 X 20.0	1
9427945	BOLT, 1/2"-13 X 6.25" (12.9001)	1
103345	WASHER, 5/8"	2
5132715	WASHER, .53"X.94"X.12" (1.3140)	2
102637	NUT, 1/2"-13	1
11501055	NUT, M16X2.0	2
7.1595	BRACKET, GENERATOR MOUNTING	
5311540145	BRACKET, ALTERNATOR SUPPORT	1
23523608	BOLT, M10 X 1.5 X 135	2
7.3000A	- STARTING MOTOR	
7.3001	MOTOR ASSY., STARTING	
23521839	BUSHING, STARTING MOTOR HOLE	1
10478911	MOTOR ASSY., START 24V CW INSU ROLLCLU 50MT	1
23523835	STUD, M12 X 45	3
000125013012		
	WASHER, A13	3
000934012008		
	NUT, HEX M12	3

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