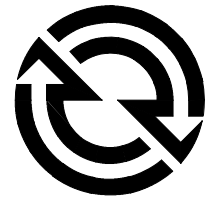


# Engine Parts

**DETROIT DIESEL**

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Diesel Engine

Generator Models:

**450 kW**

**500 kW (60 Hz)**

Engine Series:

2000

Engine Models:

R0837K06

R0837K36

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all information, engine modifications or subsequent engineering changes or enhancements may cause certain data to be superseded or rendered obsolete.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

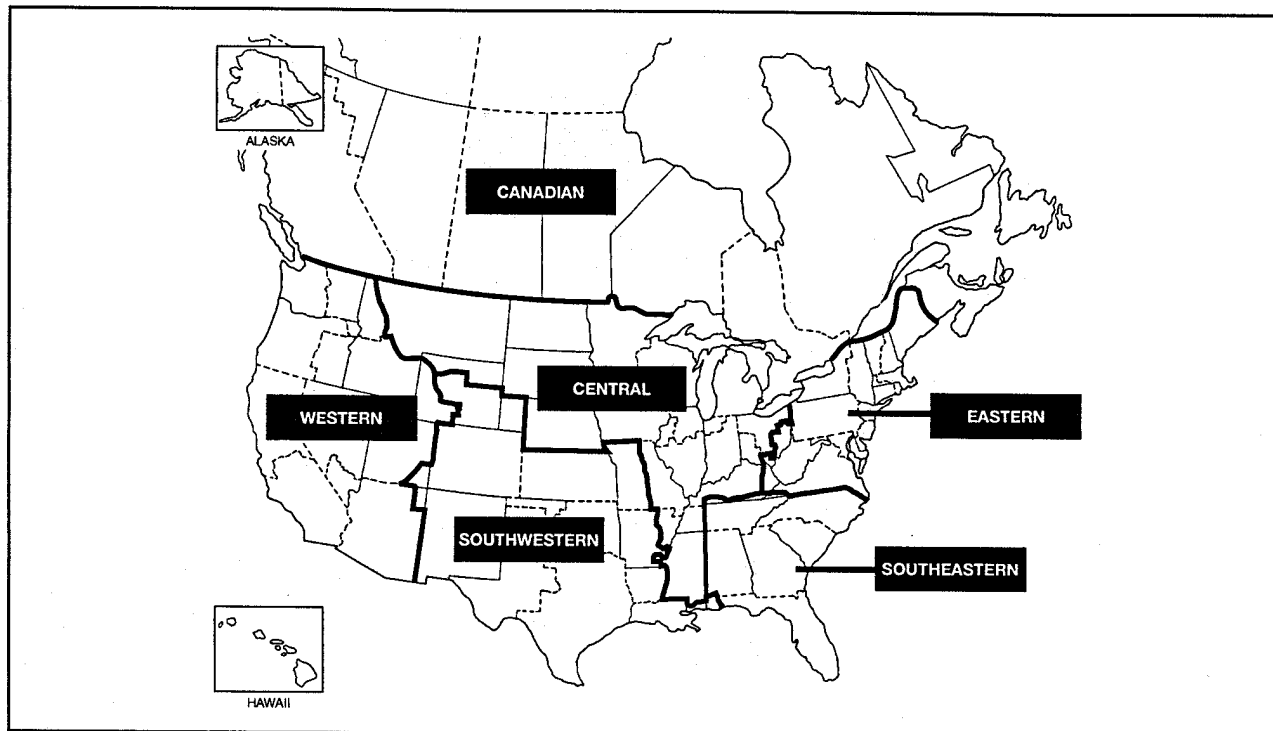
### IMPORTANT ENGINE INFORMATION

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.

## CUSTOMER ASSISTANCE

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

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# **DETROIT DIESEL**

## **Custom Parts Catalog**

### **ENGINE DESCRIPTION**

**SERIAL NUMBER: 5312000246**

**SERIES NUMBER: 2000**

**MODEL NUMBER: R0837K06**

DETROIT DIESEL  
CUSTOM PARTS CATALOG 07/02/99  
5312000246

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
<b>1.2000A - ENGINE LIFTER BRACKET</b>		
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
<b>1.3000 - CRANKSHAFT</b>		
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
<b>1.3000A - CRANKSHAFT FRONT COVER</b>		
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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PART #	NAME AND DESCRIPTION	QUANTITY
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		
23525883	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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PART #	NAME AND DESCRIPTION	QUANTITY
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		
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, 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
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
5361880066	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		
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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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
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
<b>2.1000A - FUEL INJECTOR</b>		
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 0000104151	NOZZLE ASSY.	8
<b>2.1000B - INJECTOR CONTROLS ELECTRONIC</b>		
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
<b>2.2000 - FUEL PUMP</b>		
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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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
000934006006	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		
915047012203	BOLT, BANJO A12 M16 X 1.5	2
	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
<b>3.3000A - AIR INLET HOUSING</b>		
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
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	8
5311420057	SEAL RING, .210 X 5.225	1
<b>3.5000A - TURBOCHARGER</b>		
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 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

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
PUMP ASSY., OIL 5421800101 000933008245	PUMP ASSY., OIL 8V S2000	1
	BOLT, M8 X 55	3
4.1000B - OIL DISTRIBUTION SYSTEM		
PIPE, OIL PUMP INLET 11509511 5311800052 910105008019	BOLT, M8 X 1.25 X 20 MM TUBE ASSY., LUBE OIL PICK UP 8V S2000	1 1
	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 5181415 11509511 11502811	BRACKET, OIL INLET SUPPORT CLIP, 1 1/8" TUBE, 7/16" BOLT (5.5390) BOLT, M8 X 1.25 X 20 MM NUT, M8 X 1.25	1 1 1 1
NOZZLE ASSY., OIL SPRAY 5411800743 304017008077	NOZZLE ASSY., OIL SPRAY BOLT, M8 X 16 8.8	8 8
4.1000C - OIL PRESSURE REGULATOR		
RELIEF, VALVE OIL PRESSURE 5361800315 5411800415	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR VALVE ASSY., OIL PRESSURE RELIEF S2000	1 1
4.2000A - OIL FILTER		
ELEMENT, OIL FILTER 5361840001	FILTER, OIL	2
ADAPTOR, OIL FILTER COVER 5311800111 5319970332 5361840017 11505299	ADAPTOR ASSY., OIL FILTER PLUG ASSY., M33 X 2 INSERT, OIL FILTER ADAPTOR BOLT, M10 X 1.5 X 30.0 MM	1 4 2 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 5139805	GASKET, OIL COOLER ELEMENT SEAL RING, 1.171 X .139	6 12
HOUSING, OIL COOLER-ENGINE 5311800165	HOUSING ASSY., OIL COOLER	1
HOUSING, OIL COOLER-ENGINE 23509925 5177773 5311880104 5319970132 5319970332	PLUG, 18MM X 15MM TORX HD GASKET, 23/32 COPPER HOUSING, OIL COOLER S2000 PLUG ASSY., M42 X 2 PLUG ASSY., M33 X 2	1 1 1 4 2
VALVE, OIL COOLER BYPASS 5311840028	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, 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

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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		
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

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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		
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
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
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		

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>5.3000B - WATER CONNECTIONS</b>		
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
<b>5.4000A - FAN</b>		
BLADE, FAN HIGH LOW AND CRANKSHAFT MOUNTED (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
BOLT, 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
<b>7.1000A - BATTERY CHARGING GENERATOR</b>		
GENERATOR ASSY.		
19010182	GEN CHRГ 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
<b>7.3000A - STARTING MOTOR</b>		
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
000934012008		
	NUT, HEX M12	3
GASKET, STARTING MOTOR		
5130995	GASKET, STARTER MOTOR	1

# **DETROIT DIESEL**

## **Custom Parts Catalog**

### **ENGINE DESCRIPTION**

**SERIAL NUMBER: 5312000274**

**SERIES NUMBER: 2000**

**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		
005401999012	PIN, M8 X 24	2
005401999023	BALL, PIPE 6.35MM	1
005401999031	BALL, STEEL M10	4
5410100023	BALL, PIPE 14.288MM	4
5410100123	CAP, MAIN BEARING	4
5410510010	CAP ASSY., MAIN BEARING THRUST	1
5410510110	BEARING, CAMSHAFT	4
5420110001	BEARING, CAMSHAFT	1
000908060000	CRANKCASE, 8V S2000	1
0009973532	PLUG, M60 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
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
<b>1.2000A - ENGINE LIFTER BRACKET</b>		
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
<b>1.3000 - CRANKSHAFT</b>		
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
<b>1.3000A - CRANKSHAFT FRONT COVER</b>		
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		
23525883	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		
5310130310	PIN, DOWEL 16H 8 X 24	2
23524022	HOUSING, FLYWHEEL SAE 1	1
23524460	PLUG, CUP	2
5319970132	PLUG ASSY., M27 X 2.0	2
	PLUG ASSY., M42 X 2	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.5000A - FLYWHEEL HOUSING</b>		
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
<b>1.6000 - CONNECTING ROD AND PISTON</b>		
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
<b>1.7000 - CAMSHAFT AND GEAR TRAIN</b>		
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, 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
FAVV0067	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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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
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
<b>2.1000A - FUEL INJECTOR</b>		
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 0000106051	NOZZLE ASSY.	8
<b>2.1000B - INJECTOR CONTROLS ELECTRONIC</b>		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL 23519308	MODULE, ELEC CONTROL DDEC IV	1
12040542	COVER ECM TERMINAL PROTECTION	1
23513607	COVER COMMUNCIATION 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 S2000 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
<b>2.2000 - FUEL PUMP</b>		
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

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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
000934006006	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

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>3.3000A - AIR INLET HOUSING</b>		
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
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	8
5311420057	SEAL RING, .210 X 5.225	1
<b>3.5000A - TURBOCHARGER</b>		
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, 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	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

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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 5311840028	VALVE, OIL COOLER BYPASS	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>4.4000A - OIL COOLER</b>		
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
<b>4.5000A - OIL FILLER TUBE</b>		
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
<b>4.6000A - DIPSTICK</b>		
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
<b>4.7000A - OIL PAN</b>		
PAN, OIL		
5310140102	PAN ASSY., OIL 8V 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

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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		
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

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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		
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, 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		
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		

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>5.1000A - FRESH WATER PUMP COVER</b>		
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
<b>5.2000A - WATER OUTLET ELBOW</b>		
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
<b>5.2000B - THERMOSTAT</b>		
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
<b>5.2000C - WATER BYPASS TUBE</b>		
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
<b>5.3000B - WATER CONNECTIONS</b>		

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>5.3000B - WATER CONNECTIONS</b>		
<b>TUBE, WATER PUMP INLET</b>		
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
<b>HOSE, FRESH WATER OUTLET</b>		
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
<b>5.4000A - FAN</b>		
<b>BLADE, FAN HIGH LOW AND CRANKSHAFT MOUNTED</b>		
NPN	(CUSTOMER FURNISHED)	1
<b>PULLEY AND HUB ASSY., FAN</b>		
5142149	PULLEY AND HUB ASSY.	1
11509530	BOLT, M14 X 2.0 X 40 MM	4
<b>SUPPORT, FAN MOUNTING</b>		
5312060040	SUPPORT, FAN S2000	1
<b>BRACKET, FAN SUPPORT</b>		
11513960	BOLT, M10 X 1.5 X 145 MM	7
<b>TENSIONER, BELT</b>		
5311500009	TENSIONER ASSY.	1
<b>PULLEY, FAN BELT IDLER</b>		
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
<b>BEARING, FAN BELT IDLER PULLEY</b>		
23512817	BEARING, BALL DBL ROW BELT TENSIONER	1
<b>SHAFT, FAN BELT IDLER PULLEY</b>		
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
<b>6.1000A - EXHAUST MANIFOLD</b>		
<b>MANIFOLD, EXHAUST</b>		
5311420104	MANIFOLD, EXHAUST RB 8V S2000	1
5311420204	MANIFOLD, EXHAUST LB 8V S2000	1
<b>ADAPTOR, EXHAUST MANIFOLD</b>		
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
<b>GASKET, EXHAUST MANIFOLD</b>		
5361420280	GASKET, EXHAUST MANIFOLD TO HEAD	8
<b>GASKET, EXHAUST MANIFOLD ADAPTOR</b>		
5311420080	GASKET, EXHAUST MANIFOLD ADAPTOR 8V	2
<b>BOLT, EXHAUST MANIFOLD TO HEAD</b>		
23511667	SPACER	16
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	16

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>7.1000A - BATTERY CHARGING GENERATOR</b>		
GENERATOR ASSY.		
19010182	GEN CHRГ 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
<b>7.3000A - STARTING MOTOR</b>		
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

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**DETROIT DIESEL**

**CORPORATION**



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