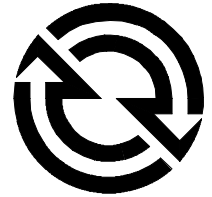


# Engine Parts

**DETROIT DIESEL**

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Diesel Engine

Generator Models:

**500 kW (50 Hz)**

**600 kW**

**750 kW (60 Hz)**

Engine Series:

2000

Engine Models:

R1237K08

R1237K05

R1237K06

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600 kW (60 Hz)	R1237K05	A-361565	5352000215	23
600 kW (50 Hz)	R1237K06	A-361678	5352000183	44
750 kW (60 Hz)	R1237K06	A-361680	5352000183	44
750 kW (60 Hz)	R1237K06	GM11865	5352000460	65

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all information, engine modifications or subsequent engineering changes or enhancements may cause certain data to be superseded or rendered obsolete.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

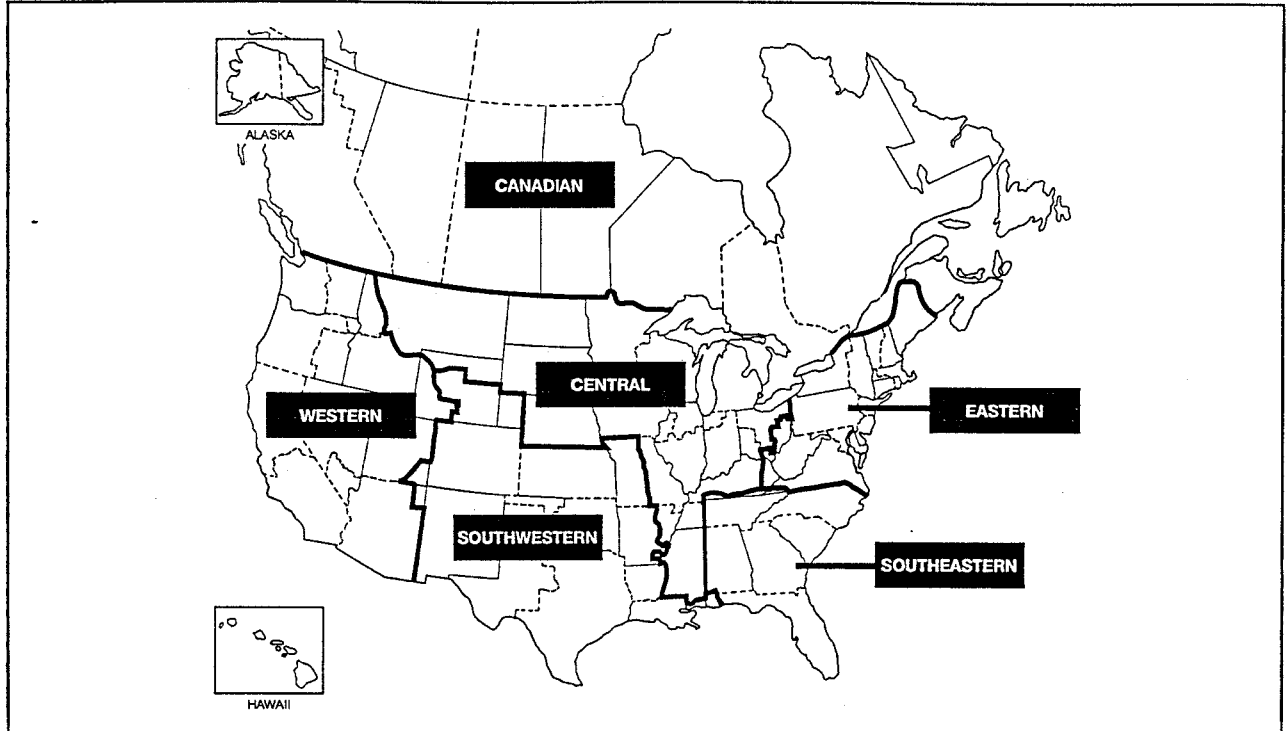
### IMPORTANT ENGINE INFORMATION

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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Fax: (525) 333-1870

# **DETROIT DIESEL**

## **Custom Parts Catalog**

### **ENGINE DESCRIPTION**

**SERIAL NUMBER: 5352000221**

**SERIES NUMBER: 2000**

**MODEL NUMBER: R1237K08**

DETROIT DIESEL  
CUSTOM PARTS CATALOG 06/18/99  
5352000221

PART #	NAME AND DESCRIPTION	QUANTITY
1.1000 - CYLINDER BLOCK		
BLOCK, CYLINDER		
5350100805	BLOCK ASSY., CYLINDER (12V S2000)	1
BLOCK, CYLINDER		
001474004018	CYL GROOVE PIN 4X10	2
5350110801	CRANKCASE, 12V S2000	1
5360110071	PLUG	1
5360510910	BUSHING, CAM S2000	6
5360511210	BEARING, THRUST S2000	1
5410100023	CAP, MAIN BEARING	6
5410100123	CAP ASSY., MAIN BEARING THRUST	1
5550160233	SEALING CAP	13
000908030002	PLUG, SCREW M30	2
000908052003	PLUG, M52	5
007604014102	PLUG, BOLT AM 14 X 1.5	4
735073004000	PLUG, RIVET TYPE M4	1
007603052401	RING	5
5410110071	BOLT, MAIN BEARING CAP (S2000)	14
5419900101	BOLT, MAIN BEARING CAP CROSS	14
007603014102	WASHER, A14 X 18 COPPER	4
007603030101	WASHER, A30 X 36 COPPER	2
000007008210	PIN, M8 X 24	2
000908030002	PLUG, SCREW M30	4
5360110071	PLUG	1
007603030101	WASHER, A30 X 36 COPPER	4
1.1000A - AIR BOX DRAINS		
TUBE, AIR BOX DRAIN		
5244760224	FITTING, M27 X 2 ISO 6149 TO 1 1/16"-12	2
5351880120	TUBE ASSY., TURBO OIL DRAIN LB/RB	2
8929285	GASKET (3.5505)	2
11509512	BOLT, M8 X 1.25 X 25 MM	4
1.2000 - CYLINDER HEAD		
HEAD ASSY., CYLINDER		
5310100120	HEAD ASSY., CYLINDER W/SEAT S2000	12
HEAD ASSY., CYLINDER		
5410100420	HEAD ASSY., CYLINDER W/SEAT	1
5310500031	INSERT, VALVE SEAT INTAKE S2000	2
4570550074	PIN, VALVE BRIDGE	24
6019920325	PIN, SLOT SPR. 10.05 X 15	24
5419900001	BOLT, CYLINDER HEAD MOUNTING	48
GASKET, CYLINDER HEAD COMPRESSION		
5410160420	GASKET, CYLINDER HEAD	12
1.2000A - ENGINE LIFTER BRACKET		
BRACKET, ENGINE LIFTER-FRONT		
23523105	BRACKET ASSY., LIFTER-FRONT	1
11501752	BOLT, M16 X 2.0 X 50	2
23521787	BOLT, M20 2.5 X 75	4
BRACKET, ENGINE LIFTER-REAR		
23523106	BRACKET ASSY., ENGINE LIFTER REAR-LB	1
23523107	BRACKET ASSY., ENGINE LIFTER REAR-RB	1
23523698	BRACE, CROSS-MEMBER (ENG LIFTER REAR)	1

DETROIT DIESEL  
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PART #	NAME AND DESCRIPTION	QUANTITY
1.2000A - ENGINE LIFTER BRACKET		
BOLT, ENGINE LIFTER EYE		
23522450	BOLT, EYE M24 X 2.0	1
000934024008		
	NUT, M24 X 2	1
1.3000 - CRANKSHAFT		
CRANKSHAFT ASSY.		
5350300901	CRANKSHAFT & GEAR ASSY., 12V2000	1
CRANKSHAFT ASSY.		
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	12
5350310401	CRANKSHAFT, 12V2000	1
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	24
GEAR, CRANKSHAFT (TIMING)		
- 5360520103	GEAR, CRANKSHAFT FRONT S2000	1
5360520503	GEAR, CRANKSHAFT	1
SHELL, CRANKSHAFT MAIN BEARING		
5410330101	BEARING, UPPER MAIN	7
5410330102	BEARING, LOWER MAIN	7
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
5410331162	THRUST WASHER, 5.875 W (REPAIR SIZE)	A/R
GEAR, CRANKSHAFT (TIMING)		
5360320175	PIN, TAPERED DOWEL	1
1.3000A - CRANKSHAFT FRONT COVER		
COVER, GEAR CASE		
5360150049	SLEEVE	1
5360100433	GEAR CASE ASSY., 12V & 16V S2000	1
COVER, GEAR CASE		
5360150302	HOUSING, GEAR CASE S2000	1
5319970532	PLUG, M27 X 2	2
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11508512	BOLT, M16 X 2 X 50 MM	1
11509513	BOLT, M8 X 1.25 X 40 MM	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	2
5369900201	BOLT, M16 X 2.0 X 75	5
GASKET, CRANKSHAFT FRONT COVER		
5360150180	GASKET, GEAR CASE TO BLOCK S2000	1
700429036000		
	SEAL RING, 36 X 2	1
FLANGE, OIL DRAIN		
5310100076	FLANGE, OIL DRAIN	1
5360180224	ELBOW, OIL DRAIN S2000	1
5311870080	GASKET, GEARCASE DRAIN S2000	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
TUBE, OIL COOLER INLET		
5360980245	TUBE, OIL COOLER INLET S2000	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
11504516	BOLT, M10 X 1.5 X 35 LG	6
GASKET, ENGINE FRONT ACCESSORY DRIVE		
8929299	GASKET, ACCESSORY FRONT	1
COVER, CRANKSHAFT FRONT COVER SMALL HOLE		
5360520120	COVER, OIL FILL	1

DETROIT DIESEL  
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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.3000A - CRANKSHAFT FRONT COVER</b>		
5361840009	COVER, OIL SUPPLY	1
5361870196	COVER, WATER INLET S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	7
<b>GASKET, CRANKSHAFT FRONT COVER SMALL HOLE COVER</b>		
23508392	RING, SEAL	1
23521760	SEAL RING, (ROUND SECTION)	2
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
5360520180	GASKET, S2000	1
<b>1.3000B - VIBRATION DAMPER</b>		
<b>DAMPER, VIBRATION</b>		
5310350149	SPACER DAMPER S2000	1
5310350400	DAMPER, VIBRATION (VISCOUS)	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT	1
<b>HUB, VIBRATION DAMPER</b>		
5310300208	HUB ASSY., CRANKSHAFT S2000	1
<b>HUB, VIBRATION DAMPER</b>		
5310310146	HUB, VIBRATION DAMPER S2000	1
<b>SLEEVE, VIBRATION DAMPER HUB</b>		
5360320014	WEAR SLEEVE, CRANKSHAFT FRONT	1
<b>1.3000C - CRANKSHAFT PULLEY</b>		
<b>PULLEY, CRANKSHAFT</b>		
5360320504	PULLEY, CRANKSHAFT (FAN/ALT S2000)	1
<b>RETAINER, CRANKSHAFT PULLEY</b>		
8929068	BOLT, M14 X 2.0 X 140 (12.9001)	14
<b>1.3000D - CRANKSHAFT PULLEY BELT</b>		
<b>BELT, CRANKSHAFT PULLEY DRIVE</b>		
23524537	BELT, POLY-VEE 12 RIBS 78.30 LG	1
<b>1.4000A - FLYWHEEL</b>		
<b>FLYWHEEL ASSY.</b>		
23523990	FLYWHEEL, SAE #1 DRY DDC 8/12V S2000	1
<b>FLYWHEEL ASSY.</b>		
5310321001	FLYWHEEL, SAE #1 S2000	1
<b>GEAR, FLYWHEEL RING</b>		
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
<b>HUB, FLYWHEEL FLEXIBLE COUPLING</b>		
23526059	HUB ASSY., FLYWHEEL	1
<b>HUB, FLYWHEEL FLEXIBLE COUPLING</b>		
5360520148	WHEEL, TIMING	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
<b>1.5000A - FLYWHEEL HOUSING</b>		
<b>HOUSING ASSY., FLYWHEEL</b>		
000007016210	PIN, DOWEL 16H 8 X 24	2
5310130310	HOUSING, FLYWHEEL SAE 1	1
23524460	PLUG ASSY., M27 X 2.0	2
5319970132	PLUG ASSY., M42 X 2	1
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

DETROIT DIESEL  
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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.5000A - FLYWHEEL HOUSING</b>		
11500950	BOLT, M12 X 1.75 X 90.0	4
23521532	BOLT	8
23523488	BOLT, M12 X 1.50 X 80.0 10.9	2
5419900204	BOLT, M12 X 1.5 X 167	4
000125013012	WASHER, A13	6
<b>SEAL, CRANKSHAFT OIL-REAR</b>		
5319970147	SEAL, CRANKSHAFT REAR DRY	1
<b>SUPPORT ASSY., CRANKSHAFT REAR</b>		
23524073	SUPPORT ASSY., OUTBOARD BEARING SAE 1	1
<b>SEAL, CRANKSHAFT OIL REAR</b>		
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>		
<b>CONNECTING ROD ASSY.</b>		
5350300320	ROD, CONNECTING (SERRATED) S2000	12
<b>SHELL, CONNECTING ROD BEARING</b>		
23524823	BEARING SET, CONN ROD STD S2000	12
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
<b>PISTON KIT</b>		
5310300217	PISTON ASSY., WHITE DOT S2000 16:1	12
<b>RING, PISTON COMPRESSION</b>		
0080379219	RING, M COMPRESSION S2000	12
5310370019	RING, TOP KEYSTONE S2000	12
<b>RING, PISTON OIL CONTROL</b>		
5310370018	RING, OIL CONTROL S2000	12
<b>PIN, PISTON</b>		
5410370020	PIN, PISTON (HOLLOW CORE)	12
<b>RETAINER, PISTON PIN</b>		
5419940037	SNAP RING, PISTON PIN	24
<b>LINER, CYLINDER</b>		
5410110310	LINER, CYLINDER S2000	12
<b>SEAL, CYLINDER LINER</b>		
0229974948	RING, SEAL LINER LOWER	24
5410110059	SEAL RING, BRASS UPPER	12
<b>1.7000 - CAMSHAFT AND GEAR TRAIN</b>		
<b>CAMSHAFT ASSY.</b>		
5350511101	CAMSHAFT, HIGH OUTPUT S2000	1
8929335	PIN, DOWEL 8 X 16	2
<b>GEAR, CAMSHAFT</b>		
5360520201	GEAR, CAMSHAFT S2000	1
<b>GEAR ASSY., IDLER</b>		
5360500005	GEAR & BUSHING ASSY., IDLER S2000	2
<b>GEAR, IDLER</b>		
5360520002	GEAR, IDLER	1
<b>BUSHING, IDLER GEAR</b>		
5360520050	BUSHING, IDLER GEAR	1
<b>HUB, IDLER GEAR</b>		
5360520105	HUB, IDLER GEAR S2000	2

DETROIT DIESEL  
CUSTOM PARTS CATALOG 06/18/99  
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PART #	NAME AND DESCRIPTION	QUANTITY
1.7000	- CAMSHAFT AND GEAR TRAIN	
23505885	DOWEL, SLEEVE OIL PUMP	2
11504972	BOLT, M6 X 1.00 X 30 MM	2
1.7000A	- BALANCE WEIGHT COVER	
	COVER, BALANCE WEIGHT	
5360100317	COVER ASSY., GEAR CASE S2000	1
5361800720	TUBE 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
	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	16
	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	32
	FOLLOWER ASSY., CAMSHAFT	
5410500322	FOLLOWER, CAMSHAFT	24
	VALVE, EXHAUST	
5410500227	VALVE, EXHAUST 41MM DIA 145MM LG	24
	VALVE, INTAKE	
23525875	VALVE, INTAKE	24
	GUIDE, EXHAUST VALVE	
0000533558	SEAL, VALVE STEM	48
	SPRING, EXHAUST VALVE	
5410530020	SPRING, VALVE S55/2000	48
5419930001	SPRING, VALVE BRIDGE	32
	BRIDGE, EXHAUST VALVE	
5310500032	BRIDGE ASSY., VALVE	32
	BRIDGE, EXHAUST VALVE	
9060550120	SCREW VLV BRIDGE ADJ M10 X 1 X 29	1
5319900151	NUT VLV BRIDGE ADJ M10 X 1.5H	1

DETROIT DIESEL  
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PART #	NAME AND DESCRIPTION	QUANTITY
1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
SEAT, EXHAUST VALVE SPRING 5410530225	RETAINER, VALVE SPRING	48
ROTATOR, VALVE 3669900240	SEAT, VALVE SPRING S55/2000	48
5410160028	SEAT, VALVE BRIDGE SPRING	32
LOCK, EXHAUST VALVE SPRING 5410530126	KEEPER, VALVE	96
1.8000A	- ROCKER COVER	
COVER ASSY., ROCKER 5310160205	COVER, VALVE S2000	3
5310160605	COVER, VALVE S2000	9
GASKET, ROCKER COVER 5310160021	GASKET, VALVE COVER	12
BOLT, ROCKER COVER 910105008022	BOLT, ROCKER COVER MOUNTING S2000	24

DETROIT DIESEL  
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PART #	NAME AND DESCRIPTION	QUANTITY
<b>2.1000A - FUEL INJECTOR</b>		
INJECTOR ASSY.		
5235920	PUMP ASSY., ELECTRONIC UNIT	12
5419900301	BOLT, M10 12PT UNIT PUMP	24
TUBE ASSY., FUEL SUPPLY		
5360702032	TUBE ASSY., HIGH PRESSURE SINGLE PIECE 2.1 MM	12
CLAMP, INJECTOR		
5410780235	CLAMP, INJECTOR NOZZLE HOLDER	12
SUPPORT, INJECTOR CLAMP		
5410100035	COVER ASSY., WITH O-RING	12
STUD, INJECTOR CLAMP		
000931010142	BOLT, M10 X 90	12
TUBE, INJECTOR HOLE		
0000103351	NOZZLE ASSY.	12
<b>2.1000B - INJECTOR CONTROLS ELECTRONIC</b>		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL		
23518743	MODULE ELEC CNT 8 INJ DRV&CANHI DDEC3	2
12040542	COVER ECM TERMINAL PROTECTION	2
23513607	COVER COMMUNICATION PROTECTION DDEC III	1
23513608	COVER POWER CONN PROTECTION DDEC III	2
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD		
23512307	ISOLATOR, ECM MOUNT	16
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	8
SENSOR, MAG. IDLER		
0005356533	SENSOR ASSY., SRS/TRS	1
11504986	BOLT, M8 X 1.25 X 14 MM	1
SENSOR, MAG. CRANKSHAFT		
23505977	SENSOR, SRS (DDEC 2 & 3)	1
11504986	BOLT, M8 X 1.25 X 14 MM	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)	1
5351500133	HARNESS, INJECTOR	2
5311530050	SLEEVE, PROTECTIVE 350.0MM	1
HARNESS, ENGINE SENSORS TO ECM		
5351500233	HARNESS, ENGINE SENSORS	2
2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	3
11504986	BOLT, M8 X 1.25 X 14 MM	2
CONNECTOR, COMMUNICATIONS		
23515399	COVER COMM. PROTECTION W/RES.DDECIII	1
<b>2.2000 - FUEL PUMP</b>		
PUMP ASSY., FUEL		
5350910101	PUMP ASSY., FUEL 12V	1
5319971132	PLUG ASSY., M18 X 1.5	3
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

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>2.2000 - FUEL PUMP</b>		
FORK, FUEL PUMP COUPLING 8921934	FORK	1
DISC, FUEL PUMP DRIVE 5360910125	DISC ASSY., FUEL PUMP	1
<b>2.3000A - FUEL FILTER AND STRAINER</b>		
FILTER ASSY., SPIN-ON FUEL 23518529	FILTER, FUEL SECONDARY	2
COVER, FUEL FILTER 5360900152	ADAPTOR ASSY., FILTER DUAL SECONDARY S2000	1
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	4
.103342	WASHER, 7/16"	4
BRACKET, FUEL FILTER MOUNTING 5360781241	BRACKET, FILTER HEAD MOUNT	1
11509525	BOLT, M10 X 1.5 X 110 MM	4
23500708	NUT, M12 X 1.75	4
<b>2.4000 - FUEL MANIFOLD AND/OR CONNECTIONS</b>		
MANIFOLD, FUEL 23522374	MANIFOLD ASSY., FUEL S2000	1
MANIFOLD, FUEL 23522371	MANIFOLD, FUEL S2000	1
23522742	BLOCK ASSY., FUEL JUNCTION S2000	1
5314700164	MANIFOLD ASSY., TUBE IN TUBE	2
5360780441	PLATE, FUEL RAIL END S2000	1
5314770056	PLUG, S2000	4
23521917	SEAL ASSY., PISTON	10
5369970040	SEAL, O-RING S2000	8
11509796	BOLT, M8 X 1.25 X 30	1
23516346	BOLT, M6 X 1 X 20MM	2
23522787	BOLT, M8 X 1.25 X 52	1
304017006058		
	BOLT, M6 X 12	1
11509514	BOLT, M8 X 1.25 X 50 MM	6
GASKET, FUEL MANIFOLD 23523160	GASKET FUEL MANIFOLD	6
<b>2.5000A - FUEL LINES AND FUEL COOLER</b>		
TUBE, FUEL PUMP TO FILTER 5310780202	TUBE ASSY., FUEL PUMP TO FILTER HEAD S2000	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780131	ELBOW, 90 DEGREE S2000	1
HOSE, FUEL PUMP OUTLET TO FILTER 5360780046	ELBOW, M18 X 1.5	1
CLIP, FUEL PUMP TO FILTER HOSE 2236474	CLIP, #10	1
2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	1
TUBE, FUEL FILTER TO JUNCTION BLOCK 5360704232	TUBE ASSY., FUEL FLTR HD TO JBLK	1
TUBE, JUNCTION BLOCK TO CYLINDER HEAD 915036005100		
	BOLT, BANJO M8 X 1 (4/5)	12
HOSE, FUEL DRAIN 5350701532	TUBE ASSY., FUEL SPILL RB S2000	1
5350701632	HOSE ASSY., FUEL SPILL LB S2000	1
5360780131	ELBOW, 90 DEGREE S2000	1
CLIP, FUEL DRAIN		

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2.5000A	- FUEL LINES AND FUEL COOLER	
23520334	CLIP, HOSE 1 X .75 X .375 X .5	2
23523492	CLIP, SNAPPER S2000	2
5166565	BRACKET (9.1591)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
000125008427	WASHER, A8.4	1
007603008109	WASHER, A8 X 11.5 COPPER	24
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>3.3000A - AIR INLET HOUSING</b>		
<b>ADAPTOR, AIR INLET MANIFOLD</b>		
23522930	CLAMP, HOSE 6 3/4-7 5/8 ID	2
5360980040	FLANGE, INTAKE MANIFOLD 12V/16V S2000	1
700336170002		
11500869	HOSE, MAN-TO-CAC 170 X 70	1
000125008427	BOLT, M8 X 1.25 X 35 MM	4
	WASHER, A8.4	4
<b>GASKET, AIR INLET HOUSING FLANGE</b>		
700429168002	SEAL RING, 168 X 5.5	1
<b>MANIFOLD, AIR INLET</b>		
23522929	CLAMP, HOSE 6 1/4-7 1/8 ID	2
5360900837	MANIFOLD ASSY., AIR INTAKE REAR 16V S2000	1
700336150005		
5350900137	HOSE, MANIFOLD TO MANIFOLD 150 X 50	1
000908020000	MANIFOLD ASSY., AIR INTAKE FRONT 12V S2000	1
5319971432	PLUG, THREADED M20 X 1.5	1
11509515	PLUG ASSY., M14 X 1.5	1
007603020101	BOLT, M8 X 1.25 X 60 MM	24
	WASHER, A20 X 24 COPPER	1
<b>GASKET, AIR INLET MANIFOLD</b>		
4571410080	GASKET, INTAKE MANIFOLD	12
<b>3.5000A - TURBOCHARGER</b>		
<b>TURBOCHARGER</b>		
5350960099	TURBO ASSY., TMF5502 12V S2000	2
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, TURBOCHARGER EXHAUST INLET CONNECTION</b>		
8929529	GASKET, TURBO EXHAUST INLET	2
<b>INTERCOOLER, TURBOCHARGER</b>		
5360980120	ELEMENT, CHARGE AIR COOLER	1
5360981137	COVER, CHARGE AIR COOLER S2000	1
5319971832	PLUG ASSY., M10 X 1.00	1
5360940080	GASKET, CAC ELEMENT TO CAP	1
11504822	BOLT, M8 X 1.25 X 30	21
11509514	BOLT, M8 X 1.25 X 50 MM	2
11509516	BOLT, M8 X 1.25 X 70 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	5
910105008022		
11507036	BOLT, ROCKER COVER MOUNTING S2000	1
	NUT, M8 X 1.25	1
<b>HOUSING, INTERCOOLER</b>		
5350980153	CONNECTOR, TURBO COMP OUTLET 12V S2000	2
5360900417	BASE, CHARGE AIR COOLER	1
5360980340	FLANGE, COMP TO CAC BASE	2
23524972	GASKET, CAC BASE	1
23525622	GASKET, CAC ELEMENT TO BASE	1
5359970045	SEAL RING, .210 X 2.350 ID	2
700429085002		
700429105001	SEAL RING, 85 X 6	2
	SEAL RING, 105 X 3.5	2
11504516	BOLT, M10 X 1.5 X 35 LG	6
11504822	BOLT, M8 X 1.25 X 30	3
11508331	BOLT, M8 X 1.25 X 140	4
11509525	BOLT, M10 X 1.5 X 110 MM	1
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	4

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PART #	NAME AND DESCRIPTION	QUANTITY
3.5000A - TURBOCHARGER		
TUBE, TURBOCHARGER OIL SUPPLY		
5351800219	TUBE ASSY., TURBO OIL SUPPLY LB 12V S2000	1
5351880020	TUBE ASSY., TURBO OIL SUPPLY RB 12V S2000	1
CLIP, TURBOCHARGER OIL SUPPLY TUBE		
5176400	BRACKET, CLIP (4.8010)	1
5361880066	CONNECTOR, 9/16-18 X M14 X 1.5	2
23520334	CLIP, HOSE 1 X .75 X .375 X .5	3
11504986	BOLT, M8 X 1.25 X 14 MM	1
23550149	RING SEAL A14 X 20 COP (VENT LINE)	1
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
PUMP ASSY., OIL		
0021802801	PUMP ASSY., OIL 12V/16V S2000	1
000931010154		
	BOLT, M10 X 110	3
000125010524		
	WASHER, A10.5	3
4.1000B - OIL DISTRIBUTION SYSTEM		
PIPE, OIL PUMP INLET		
11504822	BOLT, M8 X 1.25 X 30	2
5351800552	TUBE ASSY., OIL PICK UP	1
11502811	NUT, M8 X 1.25	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
GASKET, OIL PUMP INLET PIPE		
271511060000		
	GASKET, OIL PICK-UP TUBE 60 X 94 X 1.5	1
SCREEN, OIL PUMP INLET		
5175705	SPACER, 13/32"X7/8"X1" (8.3826)	2
5311810021	SCREEN, OIL PICK-UP	1
BRACKET, OIL PUMP SCREEN SUPPORT		
5311810295	BRACKET, OIL PICK-UP TUBE	1
5311880045	CLAMP, OIL PICK-UP TUBE	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11509514	BOLT, M8 X 1.25 X 50 MM	2
11502811	NUT, M8 X 1.25	2
NOZZLE ASSY., OIL SPRAY		
5411800743	NOZZLE ASSY., OIL SPRAY	12
304017008077		
	BOLT, M8 X 16 8.8	12
PIPE, OIL PUMP OUTLET		
5351800120	TUBE, OIL DISTRIBUTION	1
5361870145	ADAPTOR, OIL SUPPLY	1
5361870324	ELBOW, OIL TRANSFER	1
11504822	BOLT, M8 X 1.25 X 30	3
11509523	BOLT, M10 X 1.5 X 55 MM	2
23521979	BOLT, M8 X 1.25 X 16	1
GASKET, OIL PUMP OUTLET PIPE		
5361870280	GASKET, OIL SUPPLY ADAPTOR	1
5319970047	SEAL RING	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
700429037001		
	SEAL RING, 37.46 X 5.33	2
ADAPTOR ASSY., OIL COOLER		
CALV0550	HOSE ASSY., #6 57.4 LG	1
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	3
5319977272	FITTING, JIC STRAIGHT M14 X 1.5 9/16-18	2
23522682	ADAPTOR ASSY., ISO 6149	1
4.1000C - OIL PRESSURE REGULATOR		
RELIEF, VALVE OIL PRESSURE		
5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	2
000933008108		
	BOLT, M8 X 1.25 X 20 8.8	4
000125008427		
	WASHER, A8.4	4
4.2000A - OIL FILTER		
ELEMENT, OIL FILTER		
5361840001	FILTER, OIL	3

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PART #	NAME AND DESCRIPTION	QUANTITY
4.2000A - OIL FILTER		
ADAPTOR, OIL FILTER COVER		
5361800311	ADAPTOR ASSY., OIL FILTER 12V/16V S2000	1
5319970332	PLUG ASSY., M33 X 2	5
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
11509528	BOLT, M12 X 1.75 X 30 MM	2
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	3
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		
5311880104	HOUSING, OIL COOLER S2000	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5319970132	PLUG ASSY., M42 X 2	3
5366191115	PLU ASSY., M42 X 2	1
11509792	BOLT, M10 1.50 X 40	2
5419900304	BOLT, M10 X 90	1
COVER, OIL COOLER HOUSING		
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
218443	NUT, 3/4"-10	6
BRACKET, OIL COOLER HOUSING SUPPORT		
5361840046	BRACKET, OIL COOLER	1
11509528	BOLT, M12 X 1.75 X 30 MM	4
VALVE, OIL COOLER BYPASS		
5311840028	VALVE, OIL COOLER BYPASS	1
SPRING, OIL COOLER BYPASS VALVE		
5177778	SPRING (4.1260)	1
PLUG, OIL COOLER BYPASS VALVE		
5319970332	PLUG ASSY., M33 X 2	2
GASKET, OIL COOLER BYPASS VALVE PLUG		
5177773	GASKET, 23/32 COPPER	1
HOUSING, TRANSFER OIL/WATER		
5361840006	HOUSING, OIL/WATER TRANSFER	1
11509512	BOLT, M8 X 1.25 X 25 MM	4
HOSE, OIL COOLER INLET OIL		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
HOSE, OIL COOLER OUTLET OIL		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
TUBE, OIL COOLER WATER OUTLET		
5362030901	TUBE, WATER S2000	1
5319971745	SEAL RING, .210 X 1.850	2
5369970345	SEAL, 63.09 ID X 69.85 OD	1

4.5000A - OIL FILLER TUBE

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>4.5000A - OIL FILLER TUBE</b>		
TUBE, OIL FILLER		
5310100069	TUBE ASSY., OIL FILL RBF	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
BRACKET, OIL FILLER TUBE CLAMP		
5124733	CLIP, 1 1/2" (4.8180)	1
23509744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
CAP, OIL FILLER		
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
<b>4.6000A - DIPSTICK</b>		
DIPSTICK		
5350100172	GAUGE ASSY., OIL LEVEL 35.0 MM	1
GUIDE, DIPSTICK		
5360100472	TUBE ASSY., OIL LEVEL GAUGE 12.70D RB 12/16V	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5177773	GASKET, 23/32 COPPER	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-UPPER		
23520796	SPACER, M8 X 68.5MM	26
5350101113	PAN, UPPER OIL 12V S2000	1
5319970832	PLUG, M22 X 1.5	2
700088012000		
11509519	PLUG CUP, 12MM	2
23522464	BOLT, M8 X 1.25 X 100 MM	3
	BOLT, M8 X 1.25 X 95	26
PAN, OIL-LOWER		
23526020	PAN, LOWER OIL (12V)	1
11509514	BOLT, M8 X 1.25 X 50 MM	26
23520799	BOLT, M10 X 1.5 X 290	3
23520801	BOLT, M8 1.25 X 45.0	7
GASKET, OIL PAN TO BLOCK		
5350140222	GASKET, OIL PAN (UPPER PAN TO BLOCK)	1
GASKET, LOWER OIL PAN		
5350140322	GASKET, OIL PAN (UPPER PAN TO LOWER PAN)	1
PLUG, OIL PAN DRAIN		
5319970432	PLUG, M27 X 2	3
<b>4.8000A - VENTILATING SYSTEM</b>		
EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1828.8 (72.0 IN)	3
5186840	CLAMP, 1 1/2" I.D. (12.9660)	3

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000 - FRESH WATER PUMP		
PUMP ASSY., FRESH WATER		
23525640	PUMP ASSY., WATER	1
BODY, FRESH WATER PUMP		
5362010601	BODY, WATER PUMP	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
5362010507	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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<b>5.1000A - FRESH WATER PUMP COVER</b>		
COVER, WATER PUMP		
5362010330	COVER, WATER PUMP 12V/16V 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		
5362010131	ELBOW, WATER PUMP OUTLET S2000	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.		
23503826	THERMOSTAT (170 DEG. OPENING TEMP.)	6
HOUSING, THERMOSTAT		
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5361870196	COVER, WATER INLET S2000	1
5319970532	PLUG, M27 X 2	2
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
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	2
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		
5362030573	HOUSING, THERMOSTAT LB	1
5362030673	HOUSING, THERMOSTAT RB	1
5144768	CLAMP (2 15/16"-2 7/8" RANGE) (T-BOLT, W/SPRING)	1
5128234	PIN, JIGGLE	2
5319970132	PLUG ASSY., M42 X 2	1
5319971632	PLUG ASSY., ISO 6149 PORT	2
5122439	SEAL	1
11509524	BOLT M10 1.50 X 95.00 LG	16
11509526	BOLT, M10 X 1.5 X 130 MM	16
GASKET, THERMOSTAT HOUSING COVER		
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	6
<b>5.2000C - WATER BYPASS TUBE</b>		
TUBE, WATER BYPASS		
5362030001	TUBE, WATER BYPASS	1
HOSE, WATER BYPASS TUBE		

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<b>5.2000C - WATER BYPASS TUBE</b>		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	4
23523671	HOSE, 3.5 X 3.5	2
<b>5.3000B - WATER CONNECTIONS</b>		
<b>TUBE, WATER PUMP INLET</b>		
23520017	HOSE, 1.75 ID X 3.00 LG.	2
23523501	TUBE & FLANGE ASSY., CAC BASE INLET	1
5125920	BRACKET (4.12" L.)	1
5164294	SPACER, 7/8"X13/32"X1/8" (7.1581)	1
5352030101	TUBE, WATER PUMP TO C.A.C.	1
5362031001	TUBE, SC WTR PMP TO CAC	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	4
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	2
23519411	PLUG, 1/2-14	1
23524675	GASKET, BEADED	1
11503454	BOLT, M10 X 1.5 X 20.0	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11506101	NUT, M10 X 1.5	1
<b>HOSE, OIL COOLER WATER OUTLET</b>		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
5312000046	TUBE & FLANGE ASSY., O/CLR OUTLET TO CAC	1
23524675	GASKET, BEADED	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
<b>HOSE, FRESH WATER OUTLET</b>		
23520017	HOSE, 1.75 ID X 3.00 LG.	3
23523472	STRAP, CAC RETURN TUBE OUTLET	1
23523502	TUBE, OIL COOLER TO C.A.C. BASE	1
23523557	TUBE, SC C.A.C. RTN	1
5125920	BRACKET (4.12" L.)	1
5362030137	BRACKET, CAC RTN TUBE	2
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	6
23505048	CLAMP, 2"-2 1/2" DIA. HOSE	2
23522553	HEAT SHIELD, HOSE	1
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	4
5312030339	COVER, S2000	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	1
007349008002	WASHER, 8.4	2
23504703	SPACER, 15/32" I.D. X 0.870 D. X 0.70" THK.	1
23524675	GASKET, BEADED	1
11506101	NUT, M10 X 1.5	1
11507036	NUT, M8 X 1.25	3
<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
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>		
MANIFOLD, EXHAUST		
5351420204	MANIFOLD, EXHAUST FRONT 12V S2000	2
5351420304	MANIFOLD, EXHAUST REAR 12V S2000	2
ADAPTOR, EXHAUST MANIFOLD		
5351420501	ADAPTER, EXHAUST MANIFOLD RB 12V S2000	1
5351420601	ADAPTER, EXHAUST MANIFOLD LB 12V 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	12
GASKET, EXHAUST MANIFOLD ADAPTOR		
5351420080	GASKET, EXHAUST MANIFOLD ADAPTER 12V S2000	2
BOLT, EXHAUST MANIFOLD TO HEAD		
23511667	SPACER	24
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	24
<b>6.2000A - EXHAUST MUFFLER AND/OR CONNECTIONS</b>		
FLANGE, EXHAUST		
5148101	CLAMP, 5.92" DIA. (MARMAN) (T-BOLT) (ITEM 10)	2
CONNECTION, FLEXIBLE EXHAUST		
5140347	CONNECTOR, 5.00" O.D. X 4.00"L. (6.2095)	2

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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		
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
BRACKET, STARTING MOTOR SUPPORT		
8922795	BRACKET, STARTER SUPPORT	1
23522350	BRACKET, STARTER MOTOR SUPPORT	1
11500731	BOLT, M12X1.75X30.0 MM	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11513811	BOLT, M12 X 1.75 X 20 MM	1
11506101	NUT, M10 X 1.5	2

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### **ENGINE DESCRIPTION**

**SERIAL NUMBER: 5352000215**  
**SERIES NUMBER: 2000**  
**MODEL NUMBER: R1237K05**

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PART #	NAME AND DESCRIPTION	QUANTITY
1.1000 - CYLINDER BLOCK		
BLOCK, CYLINDER 5350100805	BLOCK ASSY., CYLINDER (12V S2000)	1
BLOCK, CYLINDER 001474004018		
5350110801	CYL GROOVE PIN 4X10	2
5360110071	CRANKCASE, 12V S2000	1
5360510910	PLUG	1
5360511210	BUSHING, CAM S2000	6
5410100023	BEARING, THRUST S2000	1
5410100123	CAP, MAIN BEARING	6
5550160233	CAP ASSY., MAIN BEARING THRUST	1
000908030002	SEALING CAP	13
000908052003	PLUG, SCREW M30	2
007604014102	PLUG, M52	5
735073004000	PLUG, BOLT AM 14 X 1.5	4
007603052401	PLUG, RIVET TYPE M4	1
5410110071	RING	5
5419900101	BOLT, MAIN BEARING CAP (S2000)	14
007603014102	BOLT, MAIN BEARING CAP CROSS	14
007603030101	WASHER, A14 X 18 COPPER	4
000007008210	WASHER, A30 X 36 COPPER	2
000908030002	PIN, M8 X 24	2
5360110071	PLUG, SCREW M30	4
007603030101	PLUG	1
	WASHER, A30 X 36 COPPER	4
1.1000A - AIR BOX DRAINS		
TUBE, AIR BOX DRAIN 5244760224	FITTING, M27 X 2 ISO 6149 TO 1 1/16"-12	2
5351880120	TUBE ASSY., TURBO OIL DRAIN LB/RB	2
8929285	GASKET (3.5505)	2
11509512	BOLT, M8 X 1.25 X 25 MM	4
1.2000 - CYLINDER HEAD		
HEAD ASSY., CYLINDER 5310100120	HEAD ASSY., CYLINDER W/SEAT S2000	12
HEAD ASSY., CYLINDER 5410100420	HEAD ASSY., CYLINDER W/SEAT	1
5310500031	INSERT, VALVE SEAT INTAKE S2000	2
4570550074	PIN, VALVE BRIDGE	24
6019920325	PIN, SLOT SPR. 10.05 X 15	24
5419900001	BOLT, CYLINDER HEAD MOUNTING	48
GASKET, CYLINDER HEAD COMPRESSION 5410160420	GASKET, CYLINDER HEAD	12
1.2000A - ENGINE LIFTER BRACKET		
BRACKET, ENGINE LIFTER-FRONT 23523105	BRACKET ASSY., LIFTER-FRONT	1
11501752	BOLT, M16 X 2.0 X 50	2
23521787	BOLT, M20 2.5 X 75	4
BRACKET, ENGINE LIFTER-REAR 23523106	BRACKET ASSY., ENGINE LIFTER REAR-LB	1
23523107	BRACKET ASSY., ENGINE LIFTER REAR-RB	1
23523698	BRACE, CROSS-MEMBER (ENG LIFTER REAR)	1

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1.2000A - ENGINE LIFTER BRACKET		
BOLT, ENGINE LIFTER EYE		
23522450	BOLT, EYE M24 X 2.0	1
000934024008	NUT, M24 X 2	1
1.3000 - CRANKSHAFT		
CRANKSHAFT ASSY.		
5350300901	CRANKSHAFT & GEAR ASSY., 12V2000	1
CRANKSHAFT ASSY.		
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	12
5350310401	CRANKSHAFT, 12V2000	1
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	24
GEAR, CRANKSHAFT (TIMING)		
- 5360520103	GEAR, CRANKSHAFT FRONT S2000	1
5360520503	GEAR, CRANKSHAFT	1
SHELL, CRANKSHAFT MAIN BEARING		
5410330101	BEARING, UPPER MAIN	7
5410330102	BEARING, LOWER MAIN	7
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
5410331162	THRUST WASHER, 5.875 W (REPAIR SIZE)	A/R
GEAR, CRANKSHAFT (TIMING)		
5360320175	PIN, TAPERED DOWEL	1
1.3000A - CRANKSHAFT FRONT COVER		
COVER, GEAR CASE		
5360150049	SLEEVE	1
5360100433	GEAR CASE ASSY., 12V & 16V S2000	1
COVER, GEAR CASE		
5360150302	HOUSING, GEAR CASE S2000	1
5319970532	PLUG, M27 X 2	2
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11508512	BOLT, M16 X 2 X 50 MM	1
11509513	BOLT, M8 X 1.25 X 40 MM	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	2
5369900201	BOLT, M16 X 2.0 X 75	5
GASKET, CRANKSHAFT FRONT COVER		
5360150180	GASKET, GEAR CASE TO BLOCK S2000	1
700429036000	SEAL RING, 36 X 2	1
FLANGE, OIL DRAIN		
5310100076	FLANGE, OIL DRAIN	1
5360180224	ELBOW, OIL DRAIN S2000	1
5311870080	GASKET, GEARCASE DRAIN S2000	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
TUBE, OIL COOLER INLET		
5360980245	TUBE, OIL COOLER INLET S2000	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
11504516	BOLT, M10 X 1.5 X 35 LG	6
GASKET, ENGINE FRONT ACCESSORY DRIVE		
8929299	GASKET, ACCESSORY FRONT	1
COVER, CRANKSHAFT FRONT COVER SMALL HOLE		
5360520120	COVER, OIL FILL	1

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1.3000A - CRANKSHAFT FRONT COVER		
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
5310350400	DAMPER, VIBRATION (VISCOUS)	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT	1
HUB, VIBRATION DAMPER		
5310300208	HUB ASSY., CRANKSHAFT S2000	1
HUB, VIBRATION DAMPER		
5310310146	HUB, VIBRATION DAMPER S2000	1
SLEEVE, VIBRATION DAMPER HUB		
5360320014	WEAR SLEEVE, CRANKSHAFT FRONT	1
1.3000C - CRANKSHAFT PULLEY		
PULLEY, CRANKSHAFT		
5360320504	PULLEY, CRANKSHAFT (FAN/ALT S2000)	1
RETAINER, CRANKSHAFT PULLEY		
8929068	BOLT, M14 X 2.0 X 140 (12.9001)	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		
23526059	HUB ASSY., FLYWHEEL	1
HUB, FLYWHEEL FLEXIBLE COUPLING		
5360520148	WHEEL, TIMING	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
1.5000A - FLYWHEEL HOUSING		
HOUSING ASSY., FLYWHEEL		
00007016210	PIN, DOWEL 16H 8 X 24	2
5310130310	HOUSING, FLYWHEEL SAE 1	1
23524460	PLUG ASSY., M27 X 2.0	2
5319970132	PLUG ASSY., M42 X 2	1
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

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PART #	NAME AND DESCRIPTION	QUANTITY
1.5000A - FLYWHEEL HOUSING		
11500950	BOLT, M12 X 1.75 X 90.0	4
23521532	BOLT	8
23523488	BOLT, M12 X 1.50 X 80.0 10.9	2
5419900204	BOLT, M12 X 1.5 X 167	4
000125013012	WASHER, A13	6
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	12
SHELL, CONNECTING ROD BEARING		
23524823	BEARING SET, CONN ROD STD S2000	12
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	12
RING, PISTON COMPRESSION		
0080379219	RING, M COMPRESSION S2000	12
5310370019	RING, TOP KEYSTONE S2000	12
RING, PISTON OIL CONTROL		
5310370018	RING, OIL CONTROL S2000	12
PIN, PISTON		
5410370020	PIN, PISTON (HOLLOW CORE)	12
RETAINER, PISTON PIN		
5419940037	SNAP RING, PISTON PIN	24
LINER, CYLINDER		
5410110310	LINER, CYLINDER S2000	12
SEAL, CYLINDER LINER		
0229974948	RING, SEAL LINER LOWER	24
5410110059	SEAL RING, BRASS UPPER	12
1.7000 - CAMSHAFT AND GEAR TRAIN		
CAMSHAFT ASSY.		
5350511101	CAMSHAFT, HIGH OUTPUT S2000	1
8929335	PIN, DOWEL 8 X 16	2
GEAR, CAMSHAFT		
5360520201	GEAR, CAMSHAFT S2000	1
GEAR ASSY., IDLER		
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

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PART #	NAME AND DESCRIPTION	QUANTITY
1.7000 - CAMSHAFT AND GEAR TRAIN		
23505885	DOWEL, SLEEVE OIL PUMP	2
11504972	BOLT, M6 X 1.00 X 30 MM	2
1.7000A - BALANCE WEIGHT COVER		
COVER, BALANCE WEIGHT		
5360100317	COVER ASSY., GEAR CASE S2000	1
5361800720	TUBE 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
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	16
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		
000471024000		
	SNAP RING, 24 X 1.2	2
5410550420	SCREW, ADJUSTING M12 X 1 X 41	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	32
FOLLOWER ASSY., CAMSHAFT		
5410500322	FOLLOWER, CAMSHAFT	24
VALVE, EXHAUST		
5410500227	VALVE, EXHAUST 41MM DIA 145MM LG	24
VALVE, INTAKE		
23525875	VALVE, INTAKE	24
GUIDE, EXHAUST VALVE		
0000533558	SEAL, VALVE STEM	48
SPRING, EXHAUST VALVE		
5410530020	SPRING, VALVE S55/2000	48
5419930001	SPRING, VALVE BRIDGE	32
BRIDGE, EXHAUST VALVE		
5310500032	BRIDGE ASSY., VALVE	32
BRIDGE, EXHAUST VALVE		
9060550120	SCREW VLV BRIDGE ADJ M10 X 1 X 29	1
5319900151	NUT VLV BRIDGE ADJ M10 X 1.5H	1

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PART #	NAME AND DESCRIPTION	QUANTITY
1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
SEAT, EXHAUST VALVE SPRING 5410530225	RETAINER, VALVE SPRING	48
ROTATOR, VALVE 3669900240	SEAT, VALVE SPRING S55/2000	48
5410160028	SEAT, VALVE BRIDGE SPRING	32
LOCK, EXHAUST VALVE SPRING 5410530126	KEEPER, VALVE	96
1.8000A	- ROCKER COVER	
COVER ASSY., ROCKER 5310160205	COVER, VALVE S2000	3
5310160605	COVER, VALVE S2000	9
GASKET, ROCKER COVER 5310160021	GASKET, VALVE COVER	12
BOLT, ROCKER COVER 910105008022	BOLT, ROCKER COVER MOUNTING S2000	24

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PART #	NAME AND DESCRIPTION	QUANTITY
2.1000A - FUEL INJECTOR		
INJECTOR ASSY. 5235920	PUMP ASSY., ELECTRONIC UNIT	12
5419900301	BOLT, M10 12PT UNIT PUMP	24
TUBE ASSY., FUEL SUPPLY 5360702032	TUBE ASSY., HIGH PRESSURE SINGLE PIECE 2.1 MM	12
CLAMP, INJECTOR 5410780235	CLAMP, INJECTOR NOZZLE HOLDER	12
SUPPORT, INJECTOR CLAMP 5410100035	COVER ASSY., WITH O-RING	12
STUD, INJECTOR CLAMP 000931010142	BOLT, M10 X 90	12
TUBE, INJECTOR HOLE 0000103351	NOZZLE ASSY.	12
2.1000B - INJECTOR CONTROLS ELECTRONIC		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL 23518743	MODULE ELEC CNT 8 INJ DRV&CANHI DDEC3	2
12040542	COVER ECM TERMINAL PROTECTION	2
23513607	COVER COMMUNICATION PROTECTION DDEC III	1
23513608	COVER POWER CONN PROTECTION DDEC III	2
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD 23512307	ISOLATOR, ECM MOUNT	16
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	8
SENSOR, MAG. IDLER 0005356533	SENSOR ASSY., SRS/TRS	1
11504986	BOLT, M8 X 1.25 X 14 MM	1
SENSOR, MAG. CRANKSHAFT 23505977	SENSOR, SRS (DDEC 2 & 3)	1
11504986	BOLT, M8 X 1.25 X 14 MM	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)	1
5351500133	HARNESS, INJECTOR	2
5311530050	SLEEVE, PROTECTIVE 350.0MM	1
HARNESS, ENGINE SENSORS TO ECM 5351500233	HARNESS, ENGINE SENSORS	2
2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	3
11504986	BOLT, M8 X 1.25 X 14 MM	2
CONNECTOR, COMMUNICATIONS 23515399	COVER COMM. PROTECTION W/RES.DDECIII	1
2.2000 - FUEL PUMP		
PUMP ASSY., FUEL 5350910101	PUMP ASSY., FUEL 12V	1
5319971132	PLUG ASSY., M18 X 1.5	3
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

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PART #	NAME AND DESCRIPTION	QUANTITY
2.2000 - FUEL PUMP		
FORK, FUEL PUMP COUPLING		
8921934	FORK	1
DISC, FUEL PUMP DRIVE		
5360910125	DISC ASSY., FUEL PUMP	1
2.3000A - FUEL FILTER AND STRAINER		
FILTER ASSY., SPIN-ON FUEL		
23518529	FILTER, FUEL SECONDARY	2
COVER, FUEL FILTER		
5360900152	ADAPTOR ASSY., FILTER DUAL SECONDARY S2000	1
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	4
-103342	WASHER, 7/16"	4
BRACKET, FUEL FILTER MOUNTING		
5360781241	BRACKET, FILTER HEAD MOUNT	1
11509525	BOLT, M10 X 1.5 X 110 MM	4
23500708	NUT, M12 X 1.75	4
2.4000 - FUEL MANIFOLD AND/OR CONNECTIONS		
MANIFOLD, FUEL		
23522374	MANIFOLD ASSY., FUEL S2000	1
MANIFOLD, FUEL		
23522371	MANIFOLD, FUEL S2000	1
23522742	BLOCK ASSY., FUEL JUNCTION S2000	1
5314700164	MANIFOLD ASSY., TUBE IN TUBE	2
5360780441	PLATE, FUEL RAIL END S2000	1
5314770056	PLUG, S2000	4
23521917	SEAL ASSY., PISTON	10
5369970040	SEAL, O-RING S2000	8
11509796	BOLT, M8 X 1.25 X 30	1
23516346	BOLT, M6 X 1 X 20MM	2
23522787	BOLT, M8 X 1.25 X 52	1
304017006058		
	BOLT, M6 X 12	1
11509514	BOLT, M8 X 1.25 X 50 MM	6
GASKET, FUEL MANIFOLD		
23523160	GASKET FUEL MANIFOLD	6
2.5000A - FUEL LINES AND FUEL COOLER		
TUBE, FUEL PUMP TO FILTER		
5310780202	TUBE ASSY., FUEL PUMP TO FILTER HEAD S2000	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780131	ELBOW, 90 DEGREE S2000	1
HOSE, FUEL PUMP OUTLET TO FILTER		
5360780046	ELBOW, M18 X 1.5	1
CLIP, FUEL PUMP TO FILTER HOSE		
2236474	CLIP, #10	1
2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	1
TUBE, FUEL FILTER TO JUNCTION BLOCK		
5360704232	TUBE ASSY., FUEL FLTR HD TO JBLK	1
TUBE, JUNCTION BLOCK TO CYLINDER HEAD		
915036005100	BOLT, BANJO M8 X 1 (4/5)	12
HOSE, FUEL DRAIN		
5350701532	TUBE ASSY., FUEL SPILL RB S2000	1
5350701632	HOSE ASSY., FUEL SPILL LB S2000	1
5360780131	ELBOW, 90 DEGREE S2000	1
CLIP, FUEL DRAIN		

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2.5000A - FUEL LINES AND FUEL COOLER		
23520334	CLIP, HOSE 1 X .75 X .375 X .5	2
23523492	CLIP, SNAPPER S2000	2
5166565	BRACKET (9.1591)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
000125008427		
	WASHER, A8.4	1
007603008109		
	WASHER, A8 X 11.5 COPPER	24
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>3.3000A - AIR INLET HOUSING</b>		
<b>ADAPTOR, AIR INLET MANIFOLD</b>		
23522930	CLAMP, HOSE 6 3/4-7 5/8 ID	2
5360980040	FLANGE, INTAKE MANIFOLD 12V/16V S2000	1
700336170002		
	HOSE, MAN-TO-CAC 170 X 70	1
11500869	BOLT, M8 X 1.25 X 35 MM	4
000125008427		
	WASHER, A8.4	4
<b>GASKET, AIR INLET HOUSING FLANGE</b>		
700429168002		
	SEAL RING, 168 X 5.5	1
<b>MANIFOLD, AIR INLET</b>		
23522929	CLAMP, HOSE 6 1/4-7 1/8 ID	2
5360900837	MANIFOLD ASSY., AIR INTAKE REAR 16V S2000	1
700336150005		
	HOSE, MANIFOLD TO MANIFOLD 150 X 50	1
5350900137	MANIFOLD ASSY., AIR INTAKE FRONT 12V S2000	1
000908020000		
	PLUG, THREADED M20 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	1
11509515	BOLT, M8 X 1.25 X 60 MM	24
007603020101		
	WASHER, A20 X 24 COPPER	1
<b>GASKET, AIR INLET MANIFOLD</b>		
4571410080	GASKET, INTAKE MANIFOLD	12
<b>3.5000A - TURBOCHARGER</b>		
<b>TURBOCHARGER</b>		
5350960099	TURBO ASSY., TMF5502 12V S2000	2
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, TURBOCHARGER EXHAUST INLET CONNECTION</b>		
8929529	GASKET, TURBO EXHAUST INLET	2
<b>INTERCOOLER, TURBOCHARGER</b>		
5360980120	ELEMENT, CHARGE AIR COOLER	1
5360981137	COVER, CHARGE AIR COOLER S2000	1
5319971832	PLUG ASSY., M10 X 1.00	1
5360940080	GASKET, CAC ELEMENT TO CAP	1
11504822	BOLT, M8 X 1.25 X 30	21
11509514	BOLT, M8 X 1.25 X 50 MM	2
11509516	BOLT, M8 X 1.25 X 70 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	5
910105008022		
	BOLT, ROCKER COVER MOUNTING S2000	1
11507036	NUT, M8 X 1.25	1
<b>HOUSING, INTERCOOLER</b>		
5350980153	CONNECTOR, TURBO COMP OUTLET 12V S2000	2
5360900417	BASE, CHARGE AIR COOLER	1
5360980340	FLANGE, COMP TO CAC BASE	2
23524972	GASKET, CAC BASE	1
23525622	GASKET, CAC ELEMENT TO BASE	1
5359970045	SEAL RING, .210 X 2.350 ID	2
700429085002		
	SEAL RING, 85 X 6	2
700429105001		
	SEAL RING, 105 X 3.5	2
11504516	BOLT, M10 X 1.5 X 35 LG	6
11504822	BOLT, M8 X 1.25 X 30	3
11508331	BOLT, M8 X 1.25 X 140	4
11509525	BOLT, M10 X 1.5 X 110 MM	1
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	4

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3.5000A - TURBOCHARGER		
TUBE, TURBOCHARGER OIL SUPPLY		
5351800219	TUBE ASSY., TURBO OIL SUPPLY LB 12V S2000	1
5351880020	TUBE ASSY., TURBO OIL SUPPLY RB 12V S2000	1
CLIP, TURBOCHARGER OIL SUPPLY TUBE		
5176400	BRACKET, CLIP (4.8010)	1
5361880066	CONNECTOR, 9/16-18 X M14 X 1.5	2
23520334	CLIP, HOSE 1 X .75 X .375 X .5	3
11504986	BOLT, M8 X 1.25 X 14 MM	1
23550149	RING SEAL A14 X 20 COP (VENT LINE)	1
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>4.1000A - OIL PUMP</b>		
PUMP ASSY., OIL		
0021802801	PUMP ASSY., OIL 12V/16V S2000	1
000931010154	BOLT, M10 X 110	3
000125010524	WASHER, A10.5	3
<b>4.1000B - OIL DISTRIBUTION SYSTEM</b>		
PIPE, OIL PUMP INLET		
11504822	BOLT, M8 X 1.25 X 30	2
5351800552	TUBE ASSY., OIL PICK UP	1
11502811	NUT, M8 X 1.25	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
GASKET, OIL PUMP INLET PIPE		
271511060000	GASKET, OIL PICK-UP TUBE 60 X 94 X 1.5	1
SCREEN, OIL PUMP INLET		
5175705	SPACER, 13/32"X7/8"X1" (8.3826)	2
5311810021	SCREEN, OIL PICK-UP	1
BRACKET, OIL PUMP SCREEN SUPPORT		
5311810295	BRACKET, OIL PICK-UP TUBE	1
5311880045	CLAMP, OIL PICK-UP TUBE	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11509514	BOLT, M8 X 1.25 X 50 MM	2
11502811	NUT, M8 X 1.25	2
NOZZLE ASSY., OIL SPRAY		
5411800743	NOZZLE ASSY., OIL SPRAY	12
304017008077	BOLT, M8 X 16 8.8	12
PIPE, OIL PUMP OUTLET		
5351800120	TUBE, OIL DISTRIBUTION	1
5361870145	ADAPTOR, OIL SUPPLY	1
5361870324	ELBOW, OIL TRANSFER	1
11504822	BOLT, M8 X 1.25 X 30	3
11509523	BOLT, M10 X 1.5 X 55 MM	2
23521979	BOLT, M8 X 1.25 X 16	1
GASKET, OIL PUMP OUTLET PIPE		
5361870280	GASKET, OIL SUPPLY ADAPTOR	1
5319970047	SEAL RING	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
700429037001	SEAL RING, 37.46 X 5.33	2
ADAPTOR ASSY., OIL COOLER		
CALV0550	HOSE ASSY., #6 57.4 LG	1
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	3
5319977272	FITTING, JIC STRAIGHT M14 X 1.5 9/16-18	2
23522682	ADAPTOR ASSY., ISO 6149	1
<b>4.1000C - OIL PRESSURE REGULATOR</b>		
RELIEF, VALVE OIL PRESSURE		
5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	2
000933008108	BOLT, M8 X 1.25 X 20 8.8	4
000125008427	WASHER, A8.4	4
<b>4.2000A - OIL FILTER</b>		
ELEMENT, OIL FILTER		
5361840001	FILTER, OIL	3

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PART #	NAME AND DESCRIPTION	QUANTITY
4.2000A - OIL FILTER		
ADAPTOR, OIL FILTER COVER		
5361800311	ADAPTOR ASSY., OIL FILTER 12V/16V S2000	1
5319970332	PLUG ASSY., M33 X 2	5
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
11509528	BOLT, M12 X 1.75 X 30 MM	2
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	3
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		
5311880104	HOUSING, OIL COOLER S2000	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5319970132	PLUG ASSY., M42 X 2	3
5366191115	PLU ASSY., M42 X 2	1
11509792	BOLT, M10 1.50 X 40	2
5419900304	BOLT, M10 X 90	1
COVER, OIL COOLER HOUSING		
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
218443	NUT, 3/4"-10	6
BRACKET, OIL COOLER HOUSING SUPPORT		
5361840046	BRACKET, OIL COOLER	1
11509528	BOLT, M12 X 1.75 X 30 MM	4
VALVE, OIL COOLER BYPASS		
5311840028	VALVE, OIL COOLER BYPASS	1
SPRING, OIL COOLER BYPASS VALVE		
5177778	SPRING (4.1260)	1
PLUG, OIL COOLER BYPASS VALVE		
5319970332	PLUG ASSY., M33 X 2	2
GASKET, OIL COOLER BYPASS VALVE PLUG		
5177773	GASKET, 23/32 COPPER	1
HOUSING, TRANSFER OIL/WATER		
5361840006	HOUSING, OIL/WATER TRANSFER	1
11509512	BOLT, M8 X 1.25 X 25 MM	4
HOSE, OIL COOLER INLET OIL		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
HOSE, OIL COOLER OUTLET OIL		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
TUBE, OIL COOLER WATER OUTLET		
5362030901	TUBE, WATER S2000	1
5319971745	SEAL RING, .210 X 1.850	2
5369970345	SEAL, 63.09 ID X 69.85 OD	1
4.5000A - OIL FILLER TUBE		

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PART #	NAME AND DESCRIPTION	QUANTITY
4.5000A - OIL FILLER TUBE		
TUBE, OIL FILLER		
5310100069	TUBE ASSY., OIL FILL RBF	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
BRACKET, OIL FILLER TUBE CLAMP		
5124733	CLIP, 1 1/2" (4.8180)	1
23509744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
CAP, OIL FILLER		
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
4.6000A - DIPSTICK		
DIPSTICK		
5350100172	GAUGE ASSY., OIL LEVEL 35.0 MM	1
GUIDE, DIPSTICK		
5360100472	TUBE ASSY., OIL LEVEL GAUGE 12.70D RB 12/16V	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5177773	GASKET, 23/32 COPPER	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-UPPER		
23520796	SPACER, M8 X 68.5MM	26
5350101113	PAN, UPPER OIL 12V S2000	1
5319970832	PLUG, M22 X 1.5	2
700088012000		
11509519	PLUG CUP, 12MM	2
23522464	BOLT, M8 X 1.25 X 100 MM	3
	BOLT, M8 X 1.25 X 95	26
PAN, OIL-LOWER		
5350140802	PAN, OIL LOWER 12V S2000	1
11509514	BOLT, M8 X 1.25 X 50 MM	26
23520799	BOLT, M10 X 1.5 X 290	3
23520801	BOLT, M8 1.25 X 45.0	7
GASKET, OIL PAN TO BLOCK		
5350140222	GASKET, OIL PAN (UPPER PAN TO BLOCK)	1
GASKET, LOWER OIL PAN		
5350140322	GASKET, OIL PAN (UPPER PAN TO LOWER PAN)	1
PLUG, OIL PAN DRAIN		
5319970432	PLUG, M27 X 2	3
4.8000A - VENTILATING SYSTEM		
EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1828.8 (72.0 IN)	3
5186840	CLAMP, 1 1/2" I.D. (12.9660)	3

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000 - FRESH WATER PUMP		
PUMP ASSY., FRESH WATER		
23525640	PUMP ASSY., WATER	1
BODY, FRESH WATER PUMP		
5362010601	BODY, WATER PUMP	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
5362010507	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
5.1000A - FRESH WATER PUMP COVER		
COVER, WATER PUMP		
5362010330	COVER, WATER PUMP 12V/16V 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		
5362010131	ELBOW, WATER PUMP OUTLET S2000	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.		
23503826	THERMOSTAT (170 DEG. OPENING TEMP.)	6
HOUSING, THERMOSTAT		
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5361870196	COVER, WATER INLET S2000	1
5319970532	PLUG, M27 X 2	2
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
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	2
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

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>5.2000B - THERMOSTAT</b>		
5369970545	SEAL, 37.69 ID X 44.45 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
<b>COVER, THERMOSTAT HOUSING</b>		
5362030573	HOUSING, THERMOSTAT LB	1
5362030673	HOUSING, THERMOSTAT RB	1
5144768	CLAMP (2 15/16"-2 7/8" RANGE) (T-BOLT, W/SPRING)	1
5128234	PIN, JIGGLE	2
5319970132	PLUG ASSY., M42 X 2	1
5319971632	PLUG ASSY., ISO 6149 PORT	2
5122439	SEAL	1
11509524	BOLT M10 1.50 X 95.00 LG	16
11509526	BOLT, M10 X 1.5 X 130 MM	16
<b>GASKET, THERMOSTAT HOUSING COVER</b>		
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	6
<b>5.2000C - WATER BYPASS TUBE</b>		
<b>TUBE, WATER BYPASS</b>		
5362030001	TUBE, WATER BYPASS	1
<b>HOSE, WATER BYPASS TUBE</b>		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	4
23523671	HOSE, 3.5 X 3.5	2
<b>5.3000B - WATER CONNECTIONS</b>		
<b>HOSE, OIL COOLER WATER OUTLET</b>		
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	1
23520017	HOSE, 1.75 ID X 3.00 LG.	2
5312000046	TUBE & FLANGE ASSY., O/CLR OUTLET TO CAC	1
5362001451	TUBE ASM	1
23524675	GASKET, BEADED	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	4
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	1
5176400	BRACKET, CLIP (4.8010)	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11506101	NUT, M10 X 1.5	1
8923916	PLUG, 1/2" PIPE (12.9550)	1
<b>HOSE, FRESH WATER OUTLET</b>		
5312030322	HOSE, CAC OUTLET TO BASE 12V & 16V S2000	1
5362000351	TUBE & FLG ASSY., CAC OUTLET TO BASE 12/16V S2000	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
5312030339	COVER, S2000	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
23504703	SPACER, 15/32" I.D. X 0.870 D. X 0.70" THK.	1
23524675	GASKET, BEADED	2
<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>		
5141085	BRACKET & PULLEY ASSY., FAN	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>SCREW, FAN BRACKET ADJUSTING</b>		
23526008	BOLT, M10 X 1.50 X 290.0	1
<b>TENSIONER, BELT</b>		
23525959	FAN, TENSIONER ASSY.	1

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PART #	NAME AND DESCRIPTION	QUANTITY
5.4000A - FAN		
	PULLEY, FAN BELT IDLER	
23520398	PULLEY, FAN TENSIONER	1
23520402	CAP, TENSIONER PULLEY	1
	BEARING, FAN BELT IDLER PULLEY	
23520405	BEARING, PACK MATCHED SET	1
	SEAL, FAN BELT IDLER PULLEY BEARING	
23520404	SEAL, FAN TENSIONER	1
8929064	RING, INT RETAINING 3.121" O.D. (12.4048)	1
	SHAFT, FAN BELT IDLER PULLEY	
23520401	SHAFT, TENSIONER	1
	BRACKET, FAN BELT TENSIONER ASSY.	
23509520	BOLT, M12X1.75X47.0 METRIC FLG. HEX HD.	1
23520403	WASHER	1
23525920	BRACKET, FAN TENSIONER	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	3

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PART #	NAME AND DESCRIPTION	QUANTITY
6.1000A - EXHAUST MANIFOLD		
MANIFOLD, EXHAUST		
5351420204	MANIFOLD, EXHAUST FRONT 12V S2000	2
5351420304	MANIFOLD, EXHAUST REAR 12V S2000	2
ADAPTOR, EXHAUST MANIFOLD		
5351420501	ADAPTER, EXHAUST MANIFOLD RB 12V S2000	1
5351420601	ADAPTER, EXHAUST MANIFOLD LB 12V 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	12
GASKET, EXHAUST MANIFOLD ADAPTOR		
5351420080	GASKET, EXHAUST MANIFOLD ADAPTER 12V S2000	2
BOLT, EXHAUST MANIFOLD TO HEAD		
23511667	SPACER	24
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	24
6.2000A - EXHAUST MUFFLER AND/OR CONNECTIONS		
FLANGE, EXHAUST		
5148101	CLAMP, 5.92" DIA. (MARMAN) (T-BOLT) (ITEM 10)	2
CONNECTION, FLEXIBLE EXHAUST		
5140347	CONNECTOR, 5.00" O.D. X 4.00"L. (6.2095)	2

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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
BRACKET, STARTING MOTOR SUPPORT		
8922795	BRACKET, STARTER SUPPORT	1
23522350	BRACKET, STARTER MOTOR SUPPORT	1
11500731	BOLT, M12X1.75X30.0 MM	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11513811	BOLT, M12 X 1.75 X 20 MM	1
11506101	NUT, M10 X 1.5	2

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## **Custom Parts Catalog**

### **ENGINE DESCRIPTION**

**SERIAL NUMBER: 5352000183**

**SERIES NUMBER: 2000**

**MODEL NUMBER: R1237K06**

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PART #	NAME AND DESCRIPTION	QUANTITY
1.1000 - CYLINDER BLOCK		
BLOCK, CYLINDER 5350100805	BLOCK ASSY., CYLINDER (12V S2000)	1
BLOCK, CYLINDER 001474004018		
	CYL GROOVE PIN 4X10	2
5350110801	CRANKCASE, 12V S2000	1
5360110071	PLUG	1
5360510910	BUSHING, CAM S2000	6
5360511210	BEARING, THRUST S2000	1
5410100023	CAP, MAIN BEARING	6
5410100123	CAP ASSY., MAIN BEARING THRUST	1
5550160233	SEALING CAP	13
000908030002		
	PLUG, SCREW M30	2
000908052003		
	PLUG, M52	5
007604014102		
	PLUG, BOLT AM 14 X 1.5	4
735073004000		
	PLUG, RIVET TYPE M4	1
007603052401		
	RING	5
5410110071	BOLT, MAIN BEARING CAP (S2000)	14
5419900101	BOLT, MAIN BEARING CAP CROSS	14
007603014102		
	WASHER, A14 X 18 COPPER	4
007603030101		
	WASHER, A30 X 36 COPPER	2
000007008210		
	PIN, M8 X 24	2
000908030002		
	PLUG, SCREW M30	4
5360110071	PLUG	1
007603030101		
	WASHER, A30 X 36 COPPER	4
1.1000A - AIR BOX DRAINS		
TUBE, AIR BOX DRAIN 5170468	GASKET	2
5311800022	TUBE ASSY., JUNCTION (TURBO OIL DRN LB)	1
5311800122	TUBE ASSY., JUNCTION TURBO OIL DRAIN RB	1
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
11509512	BOLT, M8 X 1.25 X 25 MM	8
1.2000 - CYLINDER HEAD		
HEAD ASSY., CYLINDER 5310100120	HEAD ASSY., CYLINDER W/SEAT S2000	12
HEAD ASSY., CYLINDER 5410100420	HEAD ASSY., CYLINDER W/SEAT	1
5310500031	INSERT, VALVE SEAT INTAKE S2000	2
4570550074	PIN, VALVE BRIDGE	24
6019920325	PIN, SLOT SPR. 10.05 X 15	24
5419900001	BOLT, CYLINDER HEAD MOUNTING	48
GASKET, CYLINDER HEAD COMPRESSION 5410160420	GASKET, CYLINDER HEAD	12
1.2000A - ENGINE LIFTER BRACKET		
BRACKET, ENGINE LIFTER-FRONT 23522382	BRACKET ASSY., LIFTER-FRONT	1
5369900201	BOLT, M16 X 2.0 X 75	2
BRACKET, ENGINE LIFTER-REAR 23522447	BRACKET ASSY., ENGINE LIFTER R-REAR	1
23522448	BRACKET ASSY., ENGINE LIFTER L-REAR	1

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PART #	NAME AND DESCRIPTION	QUANTITY
1.2000A - ENGINE LIFTER BRACKET		
23523698	BRACE, CROSS-MEMBER (ENG LIFTER REAR)	1
11501752	BOLT, M16 X 2.0 X 50	2
5369900201	BOLT, M16 X 2.0 X 75	2
BOLT, ENGINE LIFTER EYE		
23522450	BOLT, EYE M24 X 2.0	1
000934024008	NUT, M24 X 2	1
1.3000 - CRANKSHAFT		
CRANKSHAFT ASSY.		
5350300901	CRANKSHAFT & GEAR ASSY., 12V2000	1
CRANKSHAFT ASSY.		
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	12
- 5350310401	CRANKSHAFT, 12V2000	1
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	24
GEAR, CRANKSHAFT (TIMING)		
5360520103	GEAR, CRANKSHAFT FRONT S2000	1
5360520503	GEAR, CRANKSHAFT	1
SHELL, CRANKSHAFT MAIN BEARING		
5410330101	BEARING, UPPER MAIN	7
5410330102	BEARING, LOWER MAIN	7
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
5410331162	THRUST WASHER, 5.875 W (REPAIR SIZE)	A/R
GEAR, CRANKSHAFT (TIMING)		
5360320175	PIN, TAPERED DOWEL	1
1.3000A - CRANKSHAFT FRONT COVER		
COVER, GEAR CASE		
5360150049	SLEEVE	1
5360100433	GEAR CASE ASSY., 12V & 16V S2000	1
COVER, GEAR CASE		
5360150302	HOUSING, GEAR CASE S2000	1
5319970532	PLUG, M27 X 2	2
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11508512	BOLT, M16 X 2 X 50 MM	1
11509513	BOLT, M8 X 1.25 X 40 MM	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	2
5369900201	BOLT, M16 X 2.0 X 75	5
GASKET, CRANKSHAFT FRONT COVER		
5360150180	GASKET, GEAR CASE TO BLOCK S2000	1
700429036000	SEAL RING, 36 X 2	1
FLANGE, OIL DRAIN		
5310100076	FLANGE, OIL DRAIN	1
5360180224	ELBOW, OIL DRAIN S2000	1
5311870080	GASKET, GEARCASE DRAIN S2000	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
TUBE, OIL COOLER INLET		
5360980245	TUBE, OIL COOLER INLET S2000	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
11504516	BOLT, M10 X 1.5 X 35 LG	6
GASKET, ENGINE FRONT ACCESSORY DRIVE		
8929299	GASKET, ACCESSORY FRONT	1

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PART #	NAME AND DESCRIPTION	QUANTITY
1.3000A - CRANKSHAFT FRONT COVER		
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		
5310350400	DAMPER, VIBRATION (VISCOUS)	2
5360350049	SPACER, 12 X 172MM	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT	1
HUB, VIBRATION DAMPER		
5310300208	HUB ASSY., CRANKSHAFT S2000	1
HUB, VIBRATION DAMPER		
5310310146	HUB, VIBRATION DAMPER S2000	1
SLEEVE, VIBRATION DAMPER HUB		
5360320014	WEAR SLEEVE, CRANKSHAFT FRONT	1
1.3000C - CRANKSHAFT PULLEY		
PULLEY, CRANKSHAFT		
23524405	PULLEY, CRANKSHAFT S2000	1
RETAINER, CRANKSHAFT PULLEY		
8929068	BOLT, M14 X 2.0 X 140 (12.9001)	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.		
5360300205	FLYWHEEL ASSY., SAE #0	1
FLYWHEEL ASSY.		
11509799	BOLT, M10 X 1.5 X 70 MM	12
5310310177	PIN, DIAMOND DOWEL S2000	1
5360320601	FLYWHEEL SAE0	1
GEAR, FLYWHEEL RING		
5360310048	WHEEL, TRS 36 TEETH	1
5360310051	SPACER, TRS WHEEL	1
5360320105	GEAR, RING 118 TEETH S2000	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
000961016027		
700521016200	BOLT, M16 1.5 X 55	14
	WASHER, M16 X 2	14
HUB, FLYWHEEL FLEXIBLE COUPLING		
5360301208	HUB ASSY., FLYWHEEL SAE #0	1
HUB, FLYWHEEL FLEXIBLE COUPLING		
5360321307	HUB, SAE #0 S2000	1
5310310477	DOWEL PIN	1
1.5000A - FLYWHEEL HOUSING		
HOUSING ASSY., FLYWHEEL		
5360100937	HOUSING ASSY., FLYWHEEL	1
HOUSING ASSY., FLYWHEEL		
007603012111	WASHER, A12 X 15.5 COPPER	1

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PART #	NAME AND DESCRIPTION	QUANTITY
1.5000A - FLYWHEEL HOUSING		
5350330130	BEARING, OUTBOARD SUPPORT	1
5360130210	HOUSING, FLYWHEEL SAE O	1
5360140150	SLEEVE, SENSOR MOUNTING (TSR)	1
735073008000		
	PLUG SEAL	2
908072003	PLUG	1
5249970020	CAP, SEALING	4
5360140050	SLEEVE, TRS SENSOR MOUNTING	1
000908030002		
	PLUG, SCREW M30	2
007604016102		
	PLUG, M16 X 1.5	3
700429020003		
	SEAL RING, 20 X 4	1
700429080002		
	SEAL RING, 80 X 4	1
000960012206		
	BOLT, M12 X 1.5 X 140	8
000960012243		
	BOLT, M12 X 1.5 X 100	2
23550484	BOLT, M8 X 1.25 X 15 (BRACKET TO BLOCK)	1
5419900204	BOLT, M12 X 1.5 X 167	4
000125013012		
	WASHER, A13	10
007603030101		
	WASHER, A30 X 36 COPPER	2
SEAL, CRANKSHAFT OIL-REAR		
0189978947	SEAL, CRANKSHAFT REAR	1
COVER, FLYWHEEL HOUSING LARGE HOLE		
5360130233	COVER	1
000933010089		
	BOLT, M10 X 20	4
000125010524		
	WASHER, A10.5	4
GASKET, FLYWHEEL HOUSING LARGE HOLE COVER		
700429160001		
	SEAL RING, 160 X 4	1
COVER, FLYWHEEL HOUSING		
5360130033	COVER, FLYWHEEL HOUSING	1
007604016102		
	PLUG, M16 X 1.5	1
304017008079		
	BOLT, M8 X 20 8.8	10
000125008427		
	WASHER, A8.4	10
007603016105		
	WASHER, A16 X 20 COPPER	4
HUB, IDLER GEAR		
5362340033	HUB, DUMMY IDLER GEAR	1
000931008190		
	BOLT, M8 X 70	3
1.6000 - CONNECTING ROD AND PISTON		
CONNECTING ROD ASSY.		
5350300320	ROD, CONNECTING (SERRATED) S2000	12
SHELL, CONNECTING ROD BEARING		
23524823	BEARING SET, CONN ROD STD S2000	12
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		

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PART #	NAME AND DESCRIPTION	QUANTITY
1.6000 - CONNECTING ROD AND PISTON		
5310370401	PISTON, S2000 14:5:1	12
RING, PISTON COMPRESSION		
0080379219	RING, M COMPRESSION S2000	12
5310370119	RING, TOP KEYSTONE	12
RING, PISTON OIL CONTROL		
5310370118	RING, OIL CONTROL	12
PIN, PISTON		
5410370020	PIN, PISTON (HOLLOW CORE)	12
RETAINER, PISTON PIN		
5419940037	SNAP RING, PISTON PIN	24
LINER, CYLINDER		
5410110310	LINER, CYLINDER S2000	12
SEAL, CYLINDER LINER		
0229974948	RING, SEAL LINER LOWER	24
5410110059	SEAL RING, BRASS UPPER	12
1.7000 - CAMSHAFT AND GEAR TRAIN		
CAMSHAFT ASSY.		
5350511101	CAMSHAFT, HIGH OUTPUT S2000	1
8929335	PIN, DOWEL 8 X 16	2
GEAR, CAMSHAFT		
5360520201	GEAR, CAMSHAFT S2000	1
GEAR ASSY., IDLER		
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
1.7000A - BALANCE WEIGHT COVER		
COVER, BALANCE WEIGHT		
5360100317	COVER ASSY., GEAR CASE S2000	1
5361800720	TUBE 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
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		

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PART #	NAME AND DESCRIPTION	QUANTITY
1.8000 - VALVE AND INJECTOR OPERATING MECHANISM		
SHAFT AND ARMS ASSY., ROCKER COMPLETE		
5410500736	ROCKER ARM ASSY., COMPLETE	16
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	32
FOLLOWER ASSY., CAMSHAFT		
5410500322	FOLLOWER, CAMSHAFT	24
VALVE, EXHAUST		
5410500227	VALVE, EXHAUST 41MM DIA 145MM LG	24
VALVE, INTAKE		
23525875	VALVE, INTAKE	24
GUIDE, EXHAUST VALVE		
0000533558	SEAL, VALVE STEM	48
SPRING, EXHAUST VALVE		
5410530020	SPRING, VALVE S55/2000	48
5419930001	SPRING, VALVE BRIDGE	32
BRIDGE, EXHAUST VALVE		
5310500032	BRIDGE ASSY., VALVE	32
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	48
ROTATOR, VALVE		
3669900240	SEAT, VALVE SPRING S55/2000	48
5410160028	SEAT, VALVE BRIDGE SPRING	32
LOCK, EXHAUST VALVE SPRING		
5410530126	KEEPER, VALVE	96
1.8000A - ROCKER COVER		
COVER ASSY., ROCKER		
5310160205	COVER, VALVE S2000	3
5310160605	COVER, VALVE S2000	9
GASKET, ROCKER COVER		
5310160021	GASKET, VALVE COVER	12
BOLT, ROCKER COVER		
910105008022	BOLT, ROCKER COVER MOUNTING S2000	24

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>2.1000A - FUEL INJECTOR</b>		
INJECTOR ASSY.		
5235920	PUMP ASSY., ELECTRONIC UNIT	12
5419900301	BOLT, M10 12PT UNIT PUMP	24
TUBE ASSY., FUEL SUPPLY		
5360702032	TUBE ASSY., HIGH PRESSURE SINGLE PIECE 2.1 MM	12
CLAMP, INJECTOR		
5410780235	CLAMP, INJECTOR NOZZLE HOLDER	12
SUPPORT, INJECTOR CLAMP		
5410100035	COVER ASSY., WITH O-RING	12
STUD, INJECTOR CLAMP		
000931010142	BOLT, M10 X 90	12
TUBE, INJECTOR HOLE		
0000104151	NOZZLE ASSY.	12
<b>2.1000B - INJECTOR CONTROLS ELECTRONIC</b>		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL		
23519308	MODULE, ELEC CONTROL DDEC IV	2
12040542	COVER ECM TERMINAL PROTECTION	2
23513607	COVER COMMUNICATION PROTECTION DDEC III	1
23513608	COVER POWER CONN PROTECTION DDEC III	2
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD		
23512307	ISOLATOR, ECM MOUNT	16
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	8
SENSOR, OIL OR FUEL PRESSURE		
0025358931	SENSOR, OIL/FUEL PRESSURE (10 BAR) M14X1.5	1
SENSOR, MAG. IDLER		
23505977	SENSOR, SRS (DDEC 2 & 3)	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
5351500133	HARNESS, INJECTOR	2
HARNESS, ENGINE SENSORS TO ECM		
5351500233	HARNESS, ENGINE SENSORS	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
CONNECTOR, COMMUNICATIONS		
23515399	COVER COMM. PROTECTION W/RES.DDECIII	1
<b>2.2000 - FUEL PUMP</b>		
PUMP ASSY., FUEL		
5350910101	PUMP ASSY., FUEL 12V	1
5319971132	PLUG ASSY., M18 X 1.5	3
000933008040		
	BOLT, M8 X 20	3
23520927	BOLT, 3/8"-24 X 1.75"	1

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PART #	NAME AND DESCRIPTION	QUANTITY
2.2000 - FUEL PUMP		
GASKET, FUEL PUMP TO ENGINE 5150193	GASKET (FUEL PUMP TO DRIVE ASSY.) (5.1010)	1
FORK, FUEL PUMP COUPLING 8921934	FORK	1
DISC, FUEL PUMP DRIVE 5360910125	DISC ASSY., FUEL PUMP	1
2.3000A - FUEL FILTER AND STRAINER		
FILTER ASSY., SPIN-ON FUEL 23518529	FILTER, FUEL SECONDARY	2
COVER, FUEL FILTER 5360900152	ADAPTOR ASSY., FILTER DUAL SECONDARY S2000	1
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	4
103342	WASHER, 7/16"	4
BRACKET, FUEL FILTER MOUNTING 5360781241	BRACKET, FILTER HEAD MOUNT	1
11509525	BOLT, M10 X 1.5 X 110 MM	4
23500708	NUT, M12 X 1.75	4
2.4000 - FUEL MANIFOLD AND/OR CONNECTIONS		
MANIFOLD, FUEL 23522374	MANIFOLD ASSY., FUEL S2000	1
MANIFOLD, FUEL 23522371	MANIFOLD, FUEL S2000	1
23522742	BLOCK ASSY., FUEL JUNCTION S2000	1
5314700164	MANIFOLD ASSY., TUBE IN TUBE	2
5360780441	PLATE, FUEL RAIL END S2000	1
5314770056	PLUG, S2000	4
23521917	SEAL ASSY., PISTON	10
5369970040	SEAL, O-RING S2000	8
11509796	BOLT, M8 X 1.25 X 30	1
23516346	BOLT, M6 X 1 X 20MM	2
23522787	BOLT, M8 X 1.25 X 52	1
304017006058		
11509514	BOLT, M6 X 12	1
	BOLT, M8 X 1.25 X 50 MM	6
GASKET, FUEL MANIFOLD 23523160	GASKET FUEL MANIFOLD	6
2.5000A - FUEL LINES AND FUEL COOLER		
TUBE, FUEL PUMP TO FILTER 5310780202	TUBE ASSY., FUEL PUMP TO FILTER HEAD S2000	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
5360780131	ELBOW, 90 DEGREE S2000	1
HOSE, FUEL PUMP OUTLET TO FILTER 5360780046	ELBOW, M18 X 1.5	1
CLIP, FUEL PUMP TO FILTER HOSE 2236474	CLIP, #10	1
2476234	CLIP, .500" DIA. 3/8" BOLT (4.4330)	1
TUBE, FUEL FILTER TO JUNCTION BLOCK 5360704232	TUBE ASSY., FUEL FLTR HD TO JBLK	1
TUBE, JUNCTION BLOCK TO CYLINDER HEAD 915036005100		
	BOLT, BANJO M8 X 1 (4/5)	12
HOSE, FUEL DRAIN 5350701532	TUBE ASSY., FUEL SPILL RB S2000	1
5350701632	HOSE ASSY., FUEL SPILL LB S2000	1

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PART #	NAME AND DESCRIPTION	QUANTITY
2.5000A - FUEL LINES AND 5360780131	FUEL COOLER ELBOW, 90 DEGREE S2000	1
CLIP, FUEL DRAIN 23520334	CLIP, HOSE 1 X .75 X .375 X .5	2
23523492	CLIP, SNAPPER S2000	2
5166565	BRACKET (9.1591)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
000125008427	WASHER, A8.4	1
007603008109	WASHER, A8 X 11.5 COPPER	24
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>3.3000A - AIR INLET HOUSING</b>		
<b>ADAPTOR, AIR INLET MANIFOLD</b>		
23522930	CLAMP, HOSE 6 3/4-7 5/8 ID	2
5360980040	FLANGE, INTAKE MANIFOLD 12V/16V S2000	1
700336170002		
	HOSE, MAN-TO-CAC 170 X 70	1
11500869	BOLT, M8 X 1.25 X 35 MM	4
000125008427		
	WASHER, A8.4	4
<b>GASKET, AIR INLET HOUSING FLANGE</b>		
700429168002		
	SEAL RING, 168 X 5.5	1
<b>MANIFOLD, AIR INLET</b>		
23522929	CLAMP, HOSE 6 1/4-7 1/8 ID	2
5360900837	MANIFOLD ASSY., AIR INTAKE REAR 16V S2000	1
700336150005		
	HOSE, MANIFOLD TO MANIFOLD 150 X 50	1
5350900137	MANIFOLD ASSY., AIR INTAKE FRONT 12V S2000	1
000908020000		
	PLUG, THREADED M20 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	1
11509515	BOLT, M8 X 1.25 X 60 MM	24
007603020101		
	WASHER, A20 X 24 COPPER	1
<b>GASKET, AIR INLET MANIFOLD</b>		
4571410080	GASKET, INTAKE MANIFOLD	12
<b>3.5000A - TURBOCHARGER</b>		
<b>TURBOCHARGER</b>		
23524238	TURBOCHARGER ASSY., GT5002X 1.34 A/R 12V S2000	2
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, TURBOCHARGER EXHAUST INLET CONNECTION</b>		
8929529	GASKET, TURBO EXHAUST INLET	2
<b>INTERCOOLER, TURBOCHARGER</b>		
5360980120	ELEMENT, CHARGE AIR COOLER	1
5360981137	COVER, CHARGE AIR COOLER S2000	1
5319971832	PLUG ASSY., M10 X 1.00	1
5360940080	GASKET, CAC ELEMENT TO CAP	1
11504822	BOLT, M8 X 1.25 X 30	21
11509514	BOLT, M8 X 1.25 X 50 MM	2
11509516	BOLT, M8 X 1.25 X 70 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	5
910105008022		
	BOLT, ROCKER COVER MOUNTING S2000	1
11507036	NUT, M8 X 1.25	1
<b>HOUSING, INTERCOOLER</b>		
5350980153	CONNECTOR, TURBO COMP OUTLET 12V S2000	2
5360900417	BASE, CHARGE AIR COOLER	1
5360980340	FLANGE, COMP TO CAC BASE	2
23524972	GASKET, CAC BASE	1
23525622	GASKET, CAC ELEMENT TO BASE	1
5359970045	SEAL RING, .210 X 2.350 ID	2
700429085002		
	SEAL RING, 85 X 6	2
700429105001		
	SEAL RING, 105 X 3.5	2
11504516	BOLT, M10 X 1.5 X 35 LG	6
11504822	BOLT, M8 X 1.25 X 30	3
11509525	BOLT, M10 X 1.5 X 110 MM	1
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	4
23550503	BOLT, M10 1.5 X 95.0 LG HEX FLG	4
000125008427		
	WASHER, A8.4	3

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PART #	NAME AND DESCRIPTION	QUANTITY
3.5000A	- TURBOCHARGER	
	CLIP, TURBOCHARGER OIL SUPPLY TUBE	
23524242	TUBE ASSY., TURBO OIL SUPPLY RB 12V S2000	1
23524243	TUBE ASSY., TURBO OIL SUPPLY LB 12V S2000	1
5176400	BRACKET, CLIP (4.8010)	1
5361880066	CONNECTOR, 9/16-18 X M14 X 1.5	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
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
4.1000A - OIL PUMP		
PUMP ASSY., OIL		
0021802801	PUMP ASSY., OIL 12V/16V S2000	1
000931010154		
	BOLT, M10 X 110	3
000125010524		
	WASHER, A10.5	3
4.1000B - OIL DISTRIBUTION SYSTEM		
PIPE, OIL PUMP INLET		
11504822	BOLT, M8 X 1.25 X 30	2
5351800552	TUBE ASSY., OIL PICK UP	1
11502811	NUT, M8 X 1.25	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
GASKET, OIL PUMP INLET PIPE		
271511060000		
	GASKET, OIL PICK-UP TUBE 60 X 94 X 1.5	1
SCREEN, OIL PUMP INLET		
5175705	SPACER, 13/32"X7/8"X1" (8.3826)	2
5311810021	SCREEN, OIL PICK-UP	1
BRACKET, OIL PUMP SCREEN SUPPORT		
5311810295	BRACKET, OIL PICK-UP TUBE	1
5311880045	CLAMP, OIL PICK-UP TUBE	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11509514	BOLT, M8 X 1.25 X 50 MM	2
11502811	NUT, M8 X 1.25	2
NOZZLE ASSY., OIL SPRAY		
5411800743	NOZZLE ASSY., OIL SPRAY	12
304017008077		
	BOLT, M8 X 16 8.8	12
PIPE, OIL PUMP OUTLET		
5351800120	TUBE, OIL DISTRIBUTION	1
5361870145	ADAPTOR, OIL SUPPLY	1
5361870324	ELBOW, OIL TRANSFER	1
11504822	BOLT, M8 X 1.25 X 30	3
11509523	BOLT, M10 X 1.5 X 55 MM	2
23521979	BOLT, M8 X 1.25 X 16	1
GASKET, OIL PUMP OUTLET PIPE		
5361870280	GASKET, OIL SUPPLY ADAPTOR	1
5319970047	SEAL RING	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
700429037001		
	SEAL RING, 37.46 X 5.33	2
ADAPTOR ASSY., OIL COOLER		
CALV0550	HOSE ASSY., #6 57.4 LG	1
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	3
5319977272	FITTING, JIC STRAIGHT M14 X 1.5 9/16-18	2
23522682	ADAPTOR ASSY., ISO 6149	1
4.1000C - OIL PRESSURE REGULATOR		
RELIEF, VALVE OIL PRESSURE		
5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	2
000933008108		
	BOLT, M8 X 1.25 X 20 8.8	4
000125008427		
	WASHER, A8.4	4
4.2000A - OIL FILTER		
ELEMENT, OIL FILTER		
5361840001	FILTER, OIL	3

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PART #	NAME AND DESCRIPTION	QUANTITY
4.2000A - OIL FILTER		
ADAPTOR, OIL FILTER COVER		
5361800311	ADAPTOR ASSY., OIL FILTER 12V/16V S2000	1
5319970332	PLUG ASSY., M33 X 2	5
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
11509528	BOLT, M12 X 1.75 X 30 MM	2
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	3
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		
5311880104	HOUSING, OIL COOLER S2000	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5319970132	PLUG ASSY., M42 X 2	3
5366191115	PLU ASSY., M42 X 2	1
11509792	BOLT, M10 1.50 X 40	2
5419900304	BOLT, M10 X 90	1
COVER, OIL COOLER HOUSING		
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
218443	NUT, 3/4"-10	6
BRACKET, OIL COOLER HOUSING SUPPORT		
5361840046	BRACKET, OIL COOLER	1
11509528	BOLT, M12 X 1.75 X 30 MM	4
VALVE, OIL COOLER BYPASS		
5311840028	VALVE, OIL COOLER BYPASS	1
SPRING, OIL COOLER BYPASS VALVE		
5177778	SPRING (4.1260)	1
PLUG, OIL COOLER BYPASS VALVE		
5319970332	PLUG ASSY., M33 X 2	2
GASKET, OIL COOLER BYPASS VALVE PLUG		
5177773	GASKET, 23/32 COPPER	1
HOUSING, TRANSFER OIL/WATER		
5361840006	HOUSING, OIL/WATER TRANSFER	1
11509512	BOLT, M8 X 1.25 X 25 MM	4
HOSE, OIL COOLER INLET OIL		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
HOSE, OIL COOLER OUTLET OIL		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
TUBE, OIL COOLER WATER OUTLET		
5362030901	TUBE, WATER S2000	1
5319971745	SEAL RING, .210 X 1.850	2
5369970345	SEAL, 63.09 ID X 69.85 OD	1
4.5000A - OIL FILLER TUBE		

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PART #	NAME AND DESCRIPTION	QUANTITY
4.5000A - OIL FILLER TUBE		
TUBE, OIL FILLER		
5310100069	TUBE ASSY., OIL FILL RBF	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
BRACKET, OIL FILLER TUBE CLAMP		
5124733	CLIP, 1 1/2" (4.8180)	1
23509744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
CAP, OIL FILLER		
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
4.6000A - DIPSTICK		
DIPSTICK		
5350100172	GAUGE ASSY., OIL LEVEL 35.0 MM	1
GUIDE, DIPSTICK		
5360100472	TUBE ASSY., OIL LEVEL GAUGE 12.70D RB 12/16V	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5177773	GASKET, 23/32 COPPER	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-UPPER		
23520796	SPACER, M8 X 68.5MM	26
5350101113	PAN, UPPER OIL 12V S2000	1
5319970832	PLUG, M22 X 1.5	2
700088012000		
	PLUG CUP, 12MM	2
11509519	BOLT, M8 X 1.25 X 100 MM	3
23522464	BOLT, M8 X 1.25 X 95	26
PAN, OIL-LOWER		
23526020	PAN, LOWER OIL (12V)	1
11509514	BOLT, M8 X 1.25 X 50 MM	26
23520799	BOLT, M10 X 1.5 X 290	3
23520801	BOLT, M8 1.25 X 45.0	7
GASKET, OIL PAN TO BLOCK		
5350140222	GASKET, OIL PAN (UPPER PAN TO BLOCK)	1
GASKET, LOWER OIL PAN		
5350140322	GASKET, OIL PAN (UPPER PAN TO LOWER PAN)	1
PLUG, OIL PAN DRAIN		
5319970432	PLUG, M27 X 2	3
4.8000A - VENTILATING SYSTEM		
EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1828.8 (72.0 IN)	3
5186840	CLAMP, 1 1/2" I.D. (12.9660)	3
4.8000A - VENTILATING SYSTEM		
SHELL, BREATHER		
5310160138	RETAINER, BREATHER HOUSING	3
5310180035	HOUSING, ROCKER COVER BREATHER	3
5310180022	BAFFLE PLATE, BREATHER	3
23550249	BOLT, M5 .8 X 15 HEX WASHER HD	9
FILTER UNIT, BREATHER		
5310160238	RETAINER, BREATHER ELEMENT	3

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PART #	NAME AND DESCRIPTION	QUANTITY
4.8000A - VENTILATING SYSTEM 5310180110	ELEMENT, BREATHER	3
GASKET, BREATHER BODY OR SEPARATOR 23525543	SEAL RING, 3.40 X 74.00 I.D.	3

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000	- FRESH WATER PUMP	
	PUMP ASSY., FRESH WATER	
23525640	PUMP ASSY., WATER	1
	BODY, FRESH WATER PUMP	
5362010601	BODY, WATER PUMP	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
5362010507	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		
5362010330	COVER, WATER PUMP 12V/16V 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		
5362010131	ELBOW, WATER PUMP OUTLET S2000	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.		
23503826	THERMOSTAT (170 DEG. OPENING TEMP.)	6
HOUSING, THERMOSTAT		
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5361870196	COVER, WATER INLET S2000	1
5319970532	PLUG, M27 X 2	2
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
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	2
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		
5362030573	HOUSING, THERMOSTAT LB	1
5362030673	HOUSING, THERMOSTAT RB	1
5144768	CLAMP (2 15/16"-2 7/8" RANGE) (T-BOLT, W/SPRING)	1
5128234	PIN, JIGGLE	2
5319970132	PLUG ASSY., M42 X 2	1
5319971632	PLUG ASSY., ISO 6149 PORT	2
5122439	SEAL	1
11509524	BOLT M10 1.50 X 95.00 LG	16
11509526	BOLT, M10 X 1.5 X 130 MM	16
GASKET, THERMOSTAT HOUSING COVER		
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	6
5.2000C - WATER BYPASS TUBE		
TUBE, WATER BYPASS		
5362030001	TUBE, WATER BYPASS	1
HOSE, WATER BYPASS TUBE		

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PART #	NAME AND DESCRIPTION	QUANTITY
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		
TUBE, WATER PUMP INLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	2
23523501	TUBE & FLANGE ASSY., CAC BASE INLET	1
5125920	BRACKET (4.12" L.)	1
5164294	SPACER, 7/8"X13/32"X1/8" (7.1581)	1
5352030101	TUBE, WATER PUMP TO C.A.C.	1
5362031001	TUBE, SC WTR PMP TO CAC	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	4
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	2
23519411	PLUG, 1/2-14	1
23524675	GASKET, BEADED	1
11503454	BOLT, M10 X 1.5 X 20.0	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11506101	NUT, M10 X 1.5	1
HOSE, OIL COOLER WATER OUTLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
5312000046	TUBE & FLANGE ASSY., O/CLR OUTLET TO CAC	1
23524675	GASKET, BEADED	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
HOSE, FRESH WATER OUTLET		
23520017	HOSE, 1.75 ID X 3.00 LG.	3
23523472	STRAP, CAC RETURN TUBE OUTLET	1
23523502	TUBE, OIL COOLER TO C.A.C. BASE	1
23523557	TUBE, SC C.A.C. RTN	1
5125920	BRACKET (4.12" L.)	1
5362030137	BRACKET, CAC RTN TUBE	2
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	6
23505048	CLAMP, 2"-2 1/2" DIA. HOSE	2
23522553	HEAT SHIELD, HOSE	1
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	4
5312030339	COVER, S2000	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	1
007349008002		
	WASHER, 8.4	2
23504703	SPACER, 15/32" I.D. X 0.870 D. X 0.70" THK.	1
23524675	GASKET, BEADED	1
11506101	NUT, M10 X 1.5	1
11507036	NUT, M8 X 1.25	3
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
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		
5351420204	MANIFOLD, EXHAUST FRONT 12V S2000	2
5351420304	MANIFOLD, EXHAUST REAR 12V S2000	2
ADAPTOR, EXHAUST MANIFOLD		
5351420501	ADAPTER, EXHAUST MANIFOLD RB 12V S2000	1
5351420601	ADAPTER, EXHAUST MANIFOLD LB 12V 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	12
GASKET, EXHAUST MANIFOLD ADAPTOR		
5351420080	GASKET, EXHAUST MANIFOLD ADAPTER 12V S2000	2
BOLT, EXHAUST MANIFOLD TO HEAD		
23511667	SPACER	24
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	24
6.2000A - EXHAUST MUFFLER AND/OR CONNECTIONS		
FLANGE, EXHAUST		
5148101	CLAMP, 5.92" DIA. (MARMAN) (T-BOLT) (ITEM 10)	2
CONNECTION, FLEXIBLE EXHAUST		
5140347	CONNECTOR, 5.00" O.D. X 4.00"L. (6.2095)	2

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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		
001481006001		
	PIN, SPRING 6 X 14	1
10478911	MOTOR ASSY., START 24V CW INSU ROLLCLU 50MT	1
5360130745	FLANGE, MOUNT S2000	1
5319900304	BOLT, M16 X 2 X 50	3
COVER, STARTING MOTOR HOLE		
001481006001		
	PIN, SPRING 6 X 14	1
23522385	COVER, STARTER MOTOR HOLE	1
000933016003		
	BOLT, M16 X 25	3

# **DETROIT DIESEL**

## **Custom Parts Catalog**

### **ENGINE DESCRIPTION**

**SERIAL NUMBER: 5352000460**

**SERIES NUMBER: 2000**

**MODEL NUMBER: R1237K06**

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.1000 - CYLINDER BLOCK</b>		
BLOCK, CYLINDER		
5350100805	BLOCK ASSY., CYLINDER (12V S2000)	1
BLOCK, CYLINDER		
001474004018		
	CYL GROOVE PIN 4X10	2
5350110801	CRANKCASE, 12V S2000	1
5360110071	PLUG	1
5360510910	BUSHING, CAM S2000	6
5360511210	BEARING, THRUST S2000	1
5410100023	CAP, MAIN BEARING	6
5410100123	CAP ASSY., MAIN BEARING THRUST	1
5550160233	SEALING CAP	13
000908030002		
	PLUG, SCREW M30	2
000908052003		
	PLUG, M52	5
007604014102		
	PLUG, BOLT AM 14 X 1.5	4
735073004000		
	PLUG, RIVET TYPE M4	1
007603052401		
	RING	5
5410110071	BOLT, MAIN BEARING CAP (S2000)	14
5419900101	BOLT, MAIN BEARING CAP CROSS	14
007603014102		
	WASHER, A14 X 18 COPPER	4
007603030101		
	WASHER, A30 X 36 COPPER	2
000007008210		
	PIN, M8 X 24	2
000908030002		
	PLUG, SCREW M30	4
5360110171	PLUG, SPECIAL W/OUT PTO	1
007603030101		
	WASHER, A30 X 36 COPPER	4
<b>1.1000A - AIR BOX DRAINS</b>		
TUBE, AIR BOX DRAIN		
23524410	TUBE ASSY., OIL DRAIN RB	1
5311800022	TUBE ASSY., JUNCTION (TURBO OIL DRN LB)	1
5311880020	TUBE ASSY., TURBO OIL DRAIN (RB 8V, LB 12V)	1
5311880120	TUBE ASSY., TURBO OIL DRAIN (LB 8V, RB 12V)	1
5170468	GASKET	2
8929285	GASKET (3.5505)	2
000912008019		
	BOLT, M8 X 30	2
11509512	BOLT, M8 X 1.25 X 25 MM	6
000433008400		
	WASHER, M8 X 4	2
<b>1.2000 - CYLINDER HEAD</b>		
HEAD ASSY., CYLINDER		
5310100120	HEAD ASSY., CYLINDER W/SEAT S2000	12
HEAD ASSY., CYLINDER		
5410100420	HEAD ASSY., CYLINDER W/SEAT	1
5410532131	INSERT, VALVE SEAT INTAKE	2
4570550074	PIN, VALVE BRIDGE	24
6019920325	PIN, SLOT SPR. 10.05 X 15	24
5419900001	BOLT, CYLINDER HEAD MOUNTING	48
GASKET, CYLINDER HEAD COMPRESSION		
5410160420	GASKET, CYLINDER HEAD	12
<b>1.2000A - ENGINE LIFTER BRACKET</b>		
BRACKET, ENGINE LIFTER-FRONT		
23523105	BRACKET ASSY., LIFTER-FRONT	1
11501752	BOLT, M16 X 2.0 X 50	2

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.2000A - ENGINE LIFTER BRACKET</b>		
23521787	BOLT, M20 2.5 X 75	4
<b>BRACKET, ENGINE LIFTER-REAR</b>		
23523106	BRACKET ASSY., ENGINE LIFTER REAR-LB	1
23523107	BRACKET ASSY., ENGINE LIFTER REAR-RB	1
23523698	BRACE, CROSS-MEMBER (ENG LIFTER REAR)	1
<b>BOLT, ENGINE LIFTER EYE</b>		
23522450	BOLT, EYE M24 X 2.0	1
000934024008	NUT, M24 X 2	1
<b>1.3000 - CRANKSHAFT</b>		
<b>CRANKSHAFT ASSY.</b>		
5350300901	CRANKSHAFT & GEAR ASSY., 12V2000	1
<b>CRANKSHAFT ASSY.</b>		
5310310207	COUNTERWEIGHT, CRANKSHAFT S2000	12
5350310401	CRANKSHAFT, 12V2000	1
4220310171	BOLT, M16 X 1.5 X 68 (COUNTERWEIGHT)	24
<b>GEAR, CRANKSHAFT (TIMING)</b>		
5360520103	GEAR, CRANKSHAFT FRONT S2000	1
5360520503	GEAR, CRANKSHAFT	1
<b>SHELL, CRANKSHAFT MAIN BEARING</b>		
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
5410331162	THRUST WASHER, 5.875 W (REPAIR SIZE)	A/R
23526374	SHELL SET, (STD)	7
<b>GEAR, CRANKSHAFT (TIMING)</b>		
5360320175	PIN, TAPERED DOWEL	1
<b>1.3000A - CRANKSHAFT FRONT COVER</b>		
<b>COVER, GEAR CASE</b>		
5360150049	SLEEVE	1
5360100433	GEAR CASE ASSY., 12V & 16V S2000	1
<b>COVER, GEAR CASE</b>		
5360150302	HOUSING, GEAR CASE S2000	1
5319970532	PLUG, M27 X 2	2
8929022	DOWEL PIN 16 MM., DIAMOND (1.1001)	1
5369970245	SEAL, 79.97 ID X 85.85 OD	1
5369970645	SEAL, 28.17 ID X 35.05 OD	3
11504571	BOLT, M10 X 1.5 X 65.0MM	2
11508512	BOLT, M16 X 2 X 50 MM	1
11509513	BOLT, M8 X 1.25 X 40 MM	4
23505062	BOLT, M10 X 1.5 X 40 (12.9001)	2
5369900201	BOLT, M16 X 2.0 X 75	5
<b>GASKET, CRANKSHAFT FRONT COVER</b>		
5360150180	GASKET, GEAR CASE TO BLOCK S2000	1
700429036000	SEAL RING, 36 X 2	1
<b>FLANGE, OIL DRAIN</b>		
5310100076	FLANGE, OIL DRAIN	1
5360180224	ELBOW, OIL DRAIN S2000	1
5311870080	GASKET, GEARCASE DRAIN S2000	2
11509515	BOLT, M8 X 1.25 X 60 MM	2
<b>TUBE, OIL COOLER INLET</b>		
5360980245	TUBE, OIL COOLER INLET S2000	1
23521607	BOLT M8 1.25 X 30.0 LG 12PT HD	2
<b>COVER, ENGINE FRONT ACCESSORY DRIVE</b>		
23517382	COVER, ACSRY REAR 6 HOLE	1
11504516	BOLT, M10 X 1.5 X 35 LG	6

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.3000A - CRANKSHAFT FRONT COVER</b>		
GASKET, ENGINE FRONT ACCESSORY DRIVE		
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
<b>1.3000B - VIBRATION DAMPER</b>		
DAMPER, VIBRATION		
0000353100	DAMPER, VIBRATION (GEISLINGER)	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
5369970047	SEAL, CRANKSHAFT FRONT	1
<b>1.3000C - CRANKSHAFT PULLEY</b>		
PULLEY, CRANKSHAFT		
23525808	PULLEY, CRANKSHAFT FAN ALTERNATOR	1
23525792	RING ASSY., DUST GEISLINGER DAMPER S2000	1
RETAINER, CRANKSHAFT PULLEY		
11501754	BOLT, M16 X 2.0 X 70.0 MM	10
<b>1.3000D - CRANKSHAFT PULLEY BELT</b>		
BELT, CRANKSHAFT PULLEY DRIVE		
23524538	BELT, POLY-VEE 12 RIBS 73.60 LG	1
<b>1.4000A - FLYWHEEL</b>		
FLYWHEEL ASSY.		
23526371	FLYWHEEL ASSY., SAE #0	1
FLYWHEEL ASSY.		
11509799	BOLT, M10 X 1.5 X 70 MM	12
23526369	FLYWHEEL, SAE #0	1
5310310177	PIN, DIAMOND DOWEL S2000	1
5360310048	WHEEL, TRS 36 TEETH	1
5360310051	SPACER, TRS WHEEL	1
GEAR, FLYWHEEL RING		
5360320105	GEAR, RING 118 TEETH S2000	1
5310320209	PLATE, FLYWHEEL SCUFF	1
000961016027	BOLT, M16 1.5 X 55	14
HUB, FLYWHEEL FLEXIBLE COUPLING		
5360300508	HUB ASSY., FLYWHEEL SAE 10	1
GEAR, FLYWHEEL RING		
5360310027	RING, WEAR DRY S2000	1
HUB, FLYWHEEL FLEXIBLE COUPLING		
5310310477	DOWEL PIN	1
5360310046	HUB, FLYWHEEL SAE #0	1
5310310242	PLUG ASSEMBLY, PORT S2000	1
<b>1.5000A - FLYWHEEL HOUSING</b>		
HOUSING ASSY., FLYWHEEL		
5360100637	HOUSING ASSY., FLYWHEEL SAE 0	1
HOUSING ASSY., FLYWHEEL		
23503905	PLUG ASSY., TRS HOLE	1
23525958	PLUG ASSY., FLYWHEEL HSG	1
23550484	BOLT, M8 X 1.25 X 15 (BRACKET TO BLOCK)	2
5249970020	CAP, SEALING	4
5360100937	HOUSING ASSY., FLYWHEEL	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.5000A - FLYWHEEL HOUSING</b>		
000908030002	PLUG, SCREW M30	2
700429020003	SEAL RING, 20 X 4	1
700429080002	SEAL RING, 80 X 4	1
000960012206	BOLT, M12 X 1.5 X 140	8
000960012243	BOLT, M12 X 1.5 X 100	2
23550484	BOLT, M8 X 1.25 X 15 (BRACKET TO BLOCK)	1
5419900204	BOLT, M12 X 1.5 X 167	4
000125013012	WASHER, A13	10
007603030101	WASHER, A30 X 36 COPPER	2
<b>COVER, FLYWHEEL HOUSING LARGE HOLE</b>		
5360130233	COVER	1
000933010089	BOLT, M10 X 20	4
000125010524	WASHER, A10.5	4
<b>GASKET, FLYWHEEL HOUSING LARGE HOLE COVER</b>		
700429160001	SEAL RING, 160 X 4	1
23503905	PLUG ASSY., TRS HOLE	1
<b>COVER, FLYWHEEL HOUSING</b>		
5360130533	COVER, FLYWHEEL HOUSING	1
007604016102	PLUG, M16 X 1.5	4
304017008079	BOLT, M8 X 20 8.8	10
000125008427	WASHER, A8.4	10
007603016105	WASHER, A16 X 20 COPPER	4
<b>HUB, IDLER GEAR</b>		
5362340033	HUB, DUMMY IDLER GEAR	1
000931008241	BOLT, M8 1.25 X 75	3
5410170260	SEAL RING, COPPER NOZZLE HOLDER	3
<b>1.6000 - CONNECTING ROD AND PISTON</b>		
<b>CONNECTING ROD ASSY.</b>		
5350300320	ROD, CONNECTING (SERRATED) S2000 USE BOLT 4420380071 FOR SERRATED ROD	12
5410380250	BUSHING, CONNECTING ROD	1
4420380071	BOLT, M16 X 1.50 X67.5 (USE W/SERRATED ROD)	24
5410380071	BOLT, CONNECTING ROD (USE W/SPLIT LINE ROD)	24
<b>SHELL, CONNECTING ROD BEARING</b>		
23524823	BEARING SET, CONN ROD STD S2000	12
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
<b>PISTON KIT</b>		
23526365	PISTON KIT, W/BUSHING BLU DOT	1
<b>RING SET, PISTON</b>		
23524328	RING SET	1
<b>RING, PISTON COMPRESSION</b>		
0080379219	RING, M COMPRESSION S2000	12

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>1.6000 - CONNECTING ROD AND PISTON</b>		
5310370019	RING, TOP KEYSTONE S2000	12
<b>RING, PISTON OIL CONTROL</b>		
5310370018	RING, OIL CONTROL S2000	12
<b>LINER, CYLINDER</b>		
5410110310	LINER, CYLINDER S2000	12
<b>KIT, LINER AND SEALS</b>		
23524257	KIT, CYL LINER AND SEALS	AR
<b>SEAL, CYLINDER LINER</b>		
0229974948	RING, SEAL LINER LOWER	24
5410110059	SEAL RING, BRASS UPPER	12
<b>1.7000 - CAMSHAFT AND GEAR TRAIN</b>		
<b>CAMSHAFT ASSY.</b>		
23526663	CAMSHAFT ASSY.	1
8929335	PIN, DOWEL 8 X 16	2
<b>GEAR ASSY., IDLER</b>		
5360500005	GEAR & BUSHING ASSY., IDLER S2000	2
<b>GEAR, IDLER</b>		
5360520002	GEAR, IDLER	1
<b>BUSHING, IDLER GEAR</b>		
5360520050	BUSHING, IDLER GEAR	1
<b>HUB, IDLER GEAR</b>		
5360520105	HUB, IDLER GEAR S2000	2
23505885	DOWEL, SLEEVE OIL PUMP	2
11504972	BOLT, M6 X 1.00 X 30 MM	2
<b>1.7000A - BALANCE WEIGHT COVER</b>		
<b>COVER, BALANCE WEIGHT</b>		
5360100517	COVER ASSY., GEAR CASE S2000	1
5361800720	TUBE 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
<b>COVER, BALANCE WEIGHT COVER HOLE</b>		
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
<b>GASKET, BALANCE WEIGHT COVER HOLE</b>		
23516100	GASKET, PWR STRG PMP COVER/FUEL PUMP	1
5369970745	SEAL, 136.12 ID X 142.88 DD	1
<b>1.8000 - VALVE AND INJECTOR OPERATING MECHANISM</b>		
<b>SHAFT AND ARMS ASSY., ROCKER COMPLETE</b>		
5410500736	ROCKER ARM ASSY., COMPLETE	12
<b>SHAFT AND ARM ASSY., ROCKER COMPLETE</b>		
5410500836	ROCKER ARM, S2000 (PEDESTAL)	1
5419900304	BOLT, M10 X 90	2
<b>ARM ASSY., EXHAUST VALVE ROCKER</b>		
5410500534	ROCKER ARM ASSY., EXHAUST S2000	1
<b>ARM ASSY., INTAKE VALVE ROCKER</b>		
5410500633	ROCKER ARM ASSY., INTAKE S2000	1
<b>SCREW, ROCKER ARM ADJUSTING</b>		
5410550320	SCREW, ADJUSTING	2

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PART #	NAME AND DESCRIPTION	QUANTITY
1.8000	- VALVE AND INJECTOR OPERATING MECHANISM	
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	24
FOLLOWER ASSY., CAMSHAFT		
5410500322	FOLLOWER, CAMSHAFT	24
VALVE, EXHAUST		
5410500227	VALVE, EXHAUST 41MM DIA 145MM LG	24
VALVE, INTAKE		
23525875	VALVE, INTAKE	24
GUIDE, EXHAUST VALVE		
0000533558	SEAL, VALVE STEM	48
SPRING, EXHAUST VALVE		
5410530020	SPRING, VALVE S55/2000	48
5419930001	SPRING, VALVE BRIDGE	24
BRIDGE, EXHAUST VALVE		
23525871	BRIDGE ASSY, VALVE	24
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	48
ROTATOR, VALVE		
3669900240	SEAT, VALVE SPRING S55/2000	48
5410160028	SEAT, VALVE BRIDGE SPRING	24
LOCK, EXHAUST VALVE SPRING		
5410530126	KEEPER, VALVE	96
1.8000A	- ROCKER COVER	
COVER ASSY., ROCKER		
5310160205	COVER, VALVE S2000	3
5310160605	COVER, VALVE S2000	9
GASKET, ROCKER COVER		
5310160021	GASKET, VALVE COVER	12
BOLT, ROCKER COVER		
910105008022	BOLT, ROCKER COVER MOUNTING S2000	24

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>2.1000A - FUEL INJECTOR</b>		
INJECTOR ASSY.		
5235920	PUMP ASSY., ELECTRONIC UNIT	12
SEAL RING, INJECTOR BODY ASSY.		
5235932	SEAL RING, UPPER GROOVE 47.0 X 52.0 BLACK	1
5235933	SEAL RING, LOWER GROOVE 45.0 X 50.0 BROWN	1
5419900301	BOLT, M10 12PT UNIT PUMP	24
TUBE ASSY., FUEL SUPPLY		
5360702032	TUBE ASSY., HIGH PRESSURE SINGLE PIECE 2.1 MM	12
CLAMP, INJECTOR		
5410780235	CLAMP, INJECTOR NOZZLE HOLDER	12
SUPPORT, INJECTOR CLAMP		
5410100035	COVER ASSY., WITH O-RING	12
STUD, INJECTOR CLAMP		
000931010142	BOLT, M10 X 90	12
TUBE, INJECTOR HOLE		
0000104151	NOZZLE ASSY.	12
<b>2.1000B - INJECTOR CONTROLS ELECTRONIC</b>		
MODULE ASSY., ELECTRONIC INJECTOR CONTROL		
23519308	(R) MODULE, ELEC CONTROL DDEC IV	2
12040542	COVER ECM TERMINAL PROTECTION	2
23513807	COVER COMMUNICATION PROTECTION DDEC III	1
23513608	COVER POWER CONN PROTECTION DDEC III	2
PLATE ASSY., ELECTRONIC DISTRIBUTOR UNIT COLD		
23512307	ISOLATOR, ECM MOUNT	16
23512309	BOLT M8 1.25 SHOULDER 12 PT HD	8
SENSOR, OIL OR FUEL PRESSURE		
23526561	KIT, SENSOR OIL OR FUEL PRESSURE	1
5319971432	PLUG ASSY., M14 X 1.5	1
SENSOR, MAG. IDLER		
23505977	SENSOR, SRS (DDEC 2 & 3)	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		
23526563	KIT, TURBO BOOST PRESSURE DIN SENSOR RIG	1
HARNES, ELECTRONIC DISTRIBUTOR UNIT TO INJECTOR		
5186840	CLAMP, 1 1/2" I.D. (12.9660)	2
5351500133	HARNES, INJECTOR	2
HARNES, ENGINE SENSORS TO ECM		
5351500233	HARNES, ENGINE SENSORS	1
23520334	CLIP, HOSE 1 X .75 X .375 X .5	4
5101020	STRAP, NYLON (2.5255)	8
CONNECTOR, COMMUNICATIONS		
23515399	COVER COMM. PROTECTION W/RES.DDECIII	1
<b>2.2000 - FUEL PUMP</b>		
PUMP ASSY., FUEL		
5350910101	PUMP ASSY., FUEL 12V	1
5319971132	PLUG ASSY., M18 X 1.5	3
000933008040	BOLT, M8 X 20	3

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<b>2.2000 - FUEL PUMP</b>		
23520927	BOLT, 3/8"-24 X 1.75"	1
<b>GASKET, FUEL PUMP TO ENGINE</b>		
5150193	GASKET (FUEL PUMP TO DRIVE ASSY.) (5.1010)	1
<b>FORK, FUEL PUMP COUPLING</b>		
8921934	FORK	1
<b>DISC, FUEL PUMP DRIVE</b>		
5360910125	DISC ASSY., FUEL PUMP	1
<b>2.3000A - FUEL FILTER AND STRAINER</b>		
<b>FILTER ASSY., SPIN-ON FUEL</b>		
23518529	FILTER, FUEL SECONDARY	2
<b>COVER, FUEL FILTER</b>		
5380900152	ADAPTOR ASSY., FILTER DUAL SECONDARY S2000	1
11509795	BOLT M12 1.75 X 40.0 HEX FLG PHOS CTD	4
103342	WASHER, 7/16"	4
<b>BRACKET, FUEL FILTER MOUNTING</b>		
23524821	BRACKET, FILTER HEAD MOUNT	1
11509525	BOLT, M10 X 1.5 X 110 MM	4
23500708	NUT, M12 X 1.75	4
<b>2.4000 - FUEL MANIFOLD AND/OR CONNECTIONS</b>		
<b>MANIFOLD, FUEL</b>		
23525669	MANIFOLD ASSY., FUEL	1
<b>MANIFOLD, FUEL</b>		
5360780441	PLATE, FUEL RAIL END S2000	1
23523505	STRAP, JUNCTION BLOCK	1
11509512	BOLT, M8 X 1.25 X 25 MM	1
23526895	BOLT, M6 X 1.0 X 20.0MM	2
23526896	BOLT, M6 X 1.0 X 12.0MM	1
5314770056	PLUG, S2000	4
<b>JUNCTION BLOCK, TO FUEL MANIFOLD</b>		
23522371	MANIFOLD, FUEL S2000	1
23523327	BLOCK ASSY., FUEL JUNCTION	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
23520801	BOLT, M8 1.25 X 45.0	1
<b>PIPE, FUEL</b>		
23525683	TUBE ASSY., TUBE IN TUBE MANIFOLD	2
5369970040	SEAL, O-RING S2000	8
11509514	BOLT, M8 X 1.25 X 50 MM	6
<b>GASKET, FUEL MANIFOLD</b>		
23523160	GASKET FUEL MANIFOLD	6
<b>2.5000A - FUEL LINES AND FUEL COOLER</b>		
<b>TUBE, FUEL PUMP TO FILTER</b>		
5360780046	ELBOW, M18 X 1.5	1
5360780131	ELBOW, 90 DEGREE S2000	1
5310780202	TUBE ASSY., FUEL PUMP TO FILTER HEAD S2000	1
5360780031	CONNECTOR ASSY., STRAIGHT	1
<b>TUBE, FUEL PUMP OUTLET TO FUEL COOLER</b>		
5360780131	ELBOW, 90 DEGREE S2000	1
<b>CLIP, FUEL PUMP TO FILTER HOSE</b>		
000125008427	WASHER, A8.4	1
2236474	CLIP, #10	1
5166565	BRACKET (9.1591)	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11507036	NUT, M8 X 1.25	1
<b>CLIP, FUEL PUMP TO JUNCTION BLOCK HOSE</b>		
02476234	CLIP, .5 DIA 3/8 BOLT	1

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<b>2.5000A - FUEL LINES AND FUEL COOLER</b>		
<b>TUBE, FUEL FILTER TO JUNCTION BLOCK</b>		
5360704232	TUBE ASSY., FUEL FLTR HD TO JBLK	1
<b>TUBE, FUEL DRAIN CROSSOVER</b>		
23523014	TUBE ASY W/BANJO	10
23524631	FITTING ASSY., BANJO	4
915036005100	BOLT, BANJO M8 X 1 (4/5)	2
915047004100	BOLT, BANJO DOUBLE M8 X 1 4/5	11
007603008109	WASHER, A8 X 11.5 COPPER	38
<b>TUBE, FUEL DRAIN</b>		
23521909	TUBE ASSY., FUEL SPILL 14.75" LB	1
23521910	TUBE ASSY., FUEL SPILL 10.60" RB	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>3.3000A - AIR INLET HOUSING</b>		
<b>ADAPTOR, AIR INLET MANIFOLD</b>		
23522930	CLAMP, HOSE 6 3/4-7 5/8 ID	2
5360980040	FLANGE, INTAKE MANIFOLD 12V/16V S2000	1
700336170002		
	HOSE, MAN-TO-CAC 170 X 70	1
304017008084		
	BOLT, M8 X 35 8.8	4
000125008427		
	WASHER, A8.4	4
<b>GASKET, AIR INLET HOUSING FLANGE</b>		
700429168002		
	SEAL RING, 168 X 5.5	1
<b>MANIFOLD, AIR INLET</b>		
23522929	CLAMP, HOSE 6 1/4-7 1/8 ID	2
5360900837	MANIFOLD ASSY., AIR INTAKE REAR 16V S2000	1
700336150005		
	HOSE, MANIFOLD TO MANIFOLD 150 X 50	1
5350900137	MANIFOLD ASSY., AIR INTAKE FRONT 12V S2000	1
000908020000		
	PLUG, THREADED M20 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	1
11509515	BOLT, M8 X 1.25 X 60 MM	24
007603020101		
	WASHER, A20 X 24 COPPER	1
<b>GASKET, AIR INLET MANIFOLD</b>		
4571410080	GASKET, INTAKE MANIFOLD	12
<b>3.5000A - TURBOCHARGER</b>		
<b>TURBOCHARGER</b>		
23524238	TURBOCHARGER ASSY., GT5002X 1.34 A/R 12V S2000	2
23507438	STUD, M10 X 1.5 X 44.0	8
8929169	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
<b>GASKET, TURBOCHARGER EXHAUST INLET CONNECTION</b>		
8929529	GASKET, TURBO EXHAUST INLET	2
<b>INTERCOOLER, TURBOCHARGER</b>		
5360980120	ELEMENT, CHARGE AIR COOLER	1
5360981137	COVER, CHARGE AIR COOLER S2000	1
5319971832	PLUG ASSY., M10 X 1.00	1
5360940080	GASKET, CAC ELEMENT TO CAP	1
11504822	BOLT, M8 X 1.25 X 30	2
11509514	BOLT, M8 X 1.25 X 50 MM	21
11509516	BOLT, M8 X 1.25 X 70 MM	2
11509517	BOLT, M8 X 1.25 X 80 MM	5
910105008022		
	BOLT, ROCKER COVER MOUNTING S2000	1
11507036	NUT, M8 X 1.25	1
<b>HOUSING, INTERCOOLER</b>		
5350980153	CONNECTOR, TURBO COMP OUTLET 12V S2000	2
5360900417	BASE, CHARGE AIR COOLER	1
5360980340	FLANGE, COMP TO CAC BASE	2
23524972	GASKET, CAC BASE	1
23525622	GASKET, CAC ELEMENT TO BASE	1
5359970045	SEAL RING, .210 X 2.350 ID	2
700429085002		
	SEAL RING, 85 X 6	2
700429105001		
	SEAL RING, 105 X 3.5	2
11509523	BOLT, M10 X 1.5 X 55 MM	4
23526566	BOLT, M10 X 1.5 X 35.0 LG	3
23526567	BOLT, M8 X 1.25 X 30.00 LG	6
23526571	BOLT, M10 X 1.5 X 110.0 LG	1
23526575	BOLT, M10 X 1.5 X 95.0 LG	4

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3.5000A - TURBOCHARGER 000125008427	WASHER, A8.4	3
TUBE, TURBOCHARGER OIL SUPPLY 5361880066	CONNECTOR, 9/16-18 X M14 X 1.5	2
CLIP, TURBOCHARGER OIL SUPPLY TUBE		
23524242	TUBE ASSY., TURBO OIL SUPPLY RB 12V S2000	1
23524243	TUBE ASSY., TURBO OIL SUPPLY LB 12V S2000	1
23520334	CLIP, HOSE 1 X .75 X .375 X .5	3
5176400	BRACKET, CLIP (4.8010)	1
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 CDP (VENT LINE)	1
11507036	NUT, M8 X 1.25	1

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>4.1000A - OIL PUMP</b>		
PUMP ASSY., OIL		
0021803601	PUMP ASSY., OIL	1
000931010154	BOLT, M10 X 110	3
000125010524	WASHER, A10.5	3
<b>4.1000B - OIL DISTRIBUTION SYSTEM</b>		
PIPE, OIL PUMP INLET		
5351800552	TUBE ASSY., OIL PICK UP	1
11504822	BOLT, M8 X 1.25 X 30	2
11509528	BOLT, M12 X 1.75 X 30 MM	2
11502811	NUT, M8 X 1.25	2
GASKET, OIL PUMP INLET PIPE		
271511060000	GASKET, OIL PICK-UP TUBE 60 X 94 X 1.5	1
SCREEN, OIL PUMP INLET		
5175705	SPACER, 13/32"X7/8"X1" (8.3826)	2
5311810021	SCREEN, OIL PICK-UP	1
BRACKET, OIL PUMP SCREEN SUPPORT		
5311880045	CLAMP, OIL PICK-UP TUBE	1
5311810295	BRACKET, OIL PICK-UP TUBE	1
11509511	BOLT, M8 X 1.25 X 20 MM	1
11509514	BOLT, M8 X 1.25 X 50 MM	2
11502811	NUT, M8 X 1.25	2
NOZZLE ASSY., OIL SPRAY		
5411800743	NOZZLE ASSY., OIL SPRAY	12
304017008077	BOLT, M8 X 16 8.8	12
PIPE, OIL PUMP OUTLET		
5351800120	TUBE, OIL DISTRIBUTION	1
5361870145	ADAPTOR, OIL SUPPLY	1
5361870324	ELBOW, OIL TRANSFER	1
11504822	BOLT, M8 X 1.25 X 30	3
11509523	BOLT, M10 X 1.5 X 55 MM	2
23521979	BOLT, M8 X 1.25 X 16	1
GASKET, OIL PUMP OUTLET PIPE		
5361870280	GASKET, OIL SUPPLY ADAPTOR	1
5319970047	SEAL RING	1
5369970445	SEAL, 53.57 ID X 60.45 OD	1
700429037001	SEAL RING, 37.46 X 5.33	2
ADAPTOR ASSY., OIL COOLER		
CALV0550	HOSE ASSY., #6 X 57.4" LG	1
2362448	CLIP .688" DIA 3/8" BOLT CTD (12.8554)	3
5319972722	FITTING, JIC STRAIGHT M14 X 1.5 9/16-18	2
23522682	ADAPTOR ASSY., ISO 6149	1
<b>4.1000C - OIL PRESSURE REGULATOR</b>		
RELIEF, VALVE OIL PRESSURE		
5361800315	VALVE ASSY., OIL PRESSURE RELIEF 8.5 BAR	2
000933008108	BOLT, M8 X 1.25 X 20 8.8	4
000125008427	WASHER, A8.4	4
<b>4.2000A - OIL FILTER</b>		
ELEMENT, OIL FILTER		
5361840001	FILTER, OIL	3

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>4.2000A - OIL FILTER</b>		
<b>ADAPTOR, OIL FILTER COVER</b>		
5361800311	ADAPTOR ASSY., OIL FILTER 12V/16V S2000	1
5319970332	PLUG ASSY., M33 X 2	5
11505299	BOLT, M10 X 1.5 X 30.0 MM	4
11509528	BOLT, M12 X 1.75 X 30 MM	2
<b>GASKET, OIL FILTER ADAPTOR TO OIL COOLER ADAPTOR</b>		
5369970545	SEAL, 37.69 ID X 44.45 OD	2
<b>4.4000A - OIL COOLER</b>		
<b>CORE, OIL COOLER-ENGINE</b>		
5361880026	ELEMENT, OIL COOLER	3
<b>GASKET, OIL COOLER CORE PLATE</b>		
5361880080	GASKET, OIL COOLER	1
<b>GASKET, OIL COOLER CORE-INNER</b>		
5141039	GASKET, OIL COOLER ELEMENT	6
5139805	SEAL RING, 1.171 X .139	12
<b>HOUSING, OIL COOLER-ENGINE</b>		
5311880104	HOUSING, OIL COOLER S2000	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5319970132	PLUG ASSY., M42 X 2	3
5366191115	PLU ASSY., M42 X 2	1
11509792	BOLT, M10 1.50 X 40	2
5419900304	BOLT, M10 X 90	1
<b>COVER, OIL COOLER HOUSING</b>		
5361880002	COVER, OIL COOLER	1
11509512	BOLT, M8 X 1.25 X 25 MM	16
218443	NUT, 3/4"-10	6
<b>BRACKET, OIL COOLER HOUSING SUPPORT</b>		
5361840046	BRACKET, OIL COOLER	1
11509528	BOLT, M12 X 1.75 X 30 MM	4
<b>VALVE, OIL COOLER BYPASS</b>		
5311840028	VALVE, OIL COOLER BYPASS	1
<b>SPRING, OIL COOLER BYPASS VALVE</b>		
5177778	SPRING (4.1260)	1
<b>PLUG, OIL COOLER BYPASS VALVE</b>		
5319970332	PLUG ASSY., M33 X 2	2
<b>GASKET, OIL COOLER BYPASS VALVE PLUG</b>		
5177773	GASKET, 23/32 COPPER	1
<b>HOUSING, TRANSFER OIL/WATER</b>		
5361840006	HOUSING, OIL/WATER TRANSFER	1
11509512	BOLT, M8 X 1.25 X 25 MM	4
<b>HOSE, OIL COOLER INLET OIL</b>		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
<b>HOSE, OIL COOLER OUTLET OIL</b>		
5362030801	TUBE, OIL COOLER	1
5319971645	SEAL RING, .139 X 1.234	2
5369970545	SEAL, 37.69 ID X 44.45 OD	1
<b>TUBE, OIL COOLER WATER OUTLET</b>		
5362030901	TUBE, WATER S2000	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>		

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<b>4.5000A - OIL FILLER TUBE</b>		
TUBE, OIL FILLER		
5310100069	TUBE ASSY., OIL FILL RBF	1
5109157	PLUG, 1-1/4" CUP (5.5001)	2
BRACKET, OIL FILLER TUBE CLAMP		
5124733	CLIP, 1 1/2" (4.8180)	1
23509744	STUD, BOLT M10X1.5X120.0	1
11506101	NUT, M10 X 1.5	1
CAP, OIL FILLER		
23519336	CAP, LUBE OIL FILL T-HANDLE 1.66 DIA.	1
<b>4.6000A - DIPSTICK</b>		
DIPSTICK		
5350100172	GAUGE ASSY., OIL LEVEL 35.0 MM	1
GUIDE, DIPSTICK		
5350100472	TUBE ASSY., OIL LEVEL GAUGE 12.70D RB 12/16V	1
5310180054	CONNECTOR, DIPSTICK TUBE	1
23509925	PLUG, 18MM X 15MM TORX HD	1
5177773	GASKET, 23/32 COPPER	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-UPPER		
23520796	SPACER, M8 X 68.5MM	26
23525926	PAN, OIL UPPER SAE #0	1
5319970932	PLUG ASSY., M22 X 1.5	2
700088012000		
	PLUG CUP, 12MM	2
11509519	BOLT, M8 X 1.25 X 100 MM	3
23522464	BOLT, M8 X 1.25 X 95	26
PAN, OIL-LOWER		
5350140802	PAN, OIL LOWER 12V S2000	1
11509514	BOLT, M8 X 1.25 X 50 MM	26
23520799	BOLT, M10 X 1.5 X 290	3
23520801	BOLT, M8 1.25 X 45.0	7
5319970832	PLUG, M22 X 1.5	2
GASKET, OIL PAN TO BLOCK		
5350140222	GASKET, OIL PAN (UPPER PAN TO BLOCK)	1
GASKET, LOWER OIL PAN		
5350140322	GASKET, OIL PAN (UPPER PAN TO LOWER PAN)	1
PLUG, OIL PAN DRAIN		
5319970532	PLUG, M27 X 2	3
<b>4.8000A - VENTILATING SYSTEM</b>		
EXTENSION, BREATHER TUBE		
23525728	HOSE, BREATHER 1828.8 (72.0 IN)	3
5186840	CLAMP, 1 1/2" I.D. (12.9660)	3
<b>4.8000A - VENTILATING SYSTEM</b>		
SHELL, BREATHER		
5310160138	RETAINER, BREATHER HOUSING	3
5310180035	HOUSING, ROCKER COVER BREATHER	3
5310180022	BAFFLE PLATE, BREATHER	3
23550249	BOLT, M5 .8 X 15 HEX WASHER HD	9
FILTER UNIT, BREATHER		

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4.8000A - VENTILATING SYSTEM		
5310160238	RETAINER, BREATHER ELEMENT	3
5310180110	ELEMENT, BREATHER	3
GASKET, BREATHER BODY OR SEPARATOR		
23525543	SEAL RING, 3.40 X 74.00 I.D.	3

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PART #	NAME AND DESCRIPTION	QUANTITY
5.1000 - FRESH WATER PUMP		
PUMP ASSY., FRESH WATER		
23525640	(R)PUMP ASSY., WATER	1
BODY, FRESH WATER PUMP		
5362010601	BODY, WATER PUMP	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
5362010507	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		
23526396	PUMP ASSY., WATER	1
BODY, FRESH WATER PUMP		
23526395	PUMP, WATER BODY SCCC	1
5319971432	PLUG ASSY., M14 X 1.5	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		
700429118000	SEAL RING, 118 X 4	1
STUD, FRESH WATER PUMP MOUNTING		
200835012000		
000125013012	STUD, M12 X 30	1
000934012008	WASHER, A13	1
	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

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>5.1000A - FRESH WATER PUMP COVER</b>		
COVER, WATER PUMP		
5362010330	COVER, WATER PUMP 12V/16V 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		
5362010131	ELBOW, WATER PUMP OUTLET S2000	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.		
23503826	THERMOSTAT (170 DEG. OPENING TEMP.)	6
HOUSING, THERMOSTAT		
5362031173	HOUSING, WATER/OIL DISTRIBUTION	1
5361870196	COVER, WATER INLET S2000	1
5319970332	PLUG ASSY., M33 X 2	1
5319970532	PLUG, M27 X 2	2
5319970932	PLUG ASSY., M22 X 1.5	1
5319971432	PLUG ASSY., M14 X 1.5	2
5319971632	PLUG ASSY., ISO 6149 PORT	3
5311880080	GASKET, CAC RTN TO WAT DIST HSG S2000	1
11509511	BOLT, M8 X 1.25 X 20 MM	2
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		
5362030573	HOUSING, THERMOSTAT LB	1
5362030673	HOUSING, THERMOSTAT RB	1
5144768	CLAMP (2 15/16"-2 7/8" RANGE) (T-BOLT, W/SPRING)	1
5128234	PIN, JIGGLE	2
5319970132	PLUG ASSY., M42 X 2	1
5319971632	PLUG ASSY., ISO 6149 PORT	2
5122439	SEAL	1
11509524	BOLT M10 1.50 X 95.00 LG	16
11509526	BOLT, M10 X 1.5 X 130 MM	16
GASKET, THERMOSTAT HOUSING COVER		
5362030180	GASKET, THERMOSTAT HOUSING	2
5132155	SEAL	6
<b>5.2000C - WATER BYPASS TUBE</b>		
TUBE, WATER BYPASS		
5362030001	TUBE, WATER BYPASS	1
HOSE, WATER BYPASS TUBE		

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<b>5.2000C - WATER BYPASS TUBE</b>		
23517962	CLAMP HOSE 3 1/2-4 CONST TORQ	4
23523671	HOSE, 3.5 X 3.5	2
<b>5.3000B - WATER CONNECTIONS</b>		
<b>TUBE, TURBOCHARGER WATER RETURN</b>		
11503454	BOLT, M10 X 1.5 X 20.0	1
11506101	NUT, M10 X 1.5	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	4
5164294	SPACER, 7/8"X13/32"X1/8" (7.1581)	1
11504822	BOLT, M8 X 1.25 X 30	1
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	2
5125920	BRACKET (4.12" L.)	1
5362031001	TUBE, SC WTR PMP TO CAC	1
23520017	HOSE, 1.75 ID X 3.00 LG.	1
<b>TUBE, WATER PUMP INLET</b>		
23524996	TUBE, SCCC WATER INLET	1
23520017	HOSE, 1.75 ID X 3.00 LG.	2
5312030339	COVER, S2000	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	2
23519411	PLUG, 1/2-14	1
23524675	GASKET, BEADED	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	2
5362030137	BRACKET, CAC RTN TUBE	2
007349008002		
	WASHER, 8.4	2
11507036	NUT, M8 X 1.25	2
<b>CONNECTION, OIL COOLER WATER INLET</b>		
23524993	TUBE ASSY., OIL COOLER TO CAC	1
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	2
11503454	BOLT, M10 X 1.5 X 20.0	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11506101	NUT, M10 X 1.5	1
<b>GASKET, OIL COOLER WATER INLET CONNECTION</b>		
23524675	GASKET, BEADED	1
<b>HOSE, OIL COOLER WATER INLET CONNECTION</b>		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
<b>HOSE, OIL COOLER WATER OUTLET</b>		
23520017	HOSE, 1.75 ID X 3.00 LG.	1
5312000046	TUBE & FLANGE ASSY., O/CLR OUTLET TO CAC	1
23524675	GASKET, BEADED	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
2419764	CLIP, 1.75 DIA WAT BYPASS YUB	2
11505299	BOLT, M10 X 1.5 X 30.0 MM	2
11509511	BOLT, M8 X 1.25 X 20 MM	2
23523472	STRAP, CAC RETURN TUBE OUTLET	1
11507036	NUT, M8 X 1.25	1
<b>HOSE, FRESH WATER OUTLET</b>		
23526077	TUBE, CAC OUTLET	1
23503066	CLAMP, 1.75"-2.62" DIA. HOSE	2
23516104	PLUG PIPE 1/4-18 HEX HD STL CTD RED	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>BRACKET, FAN SUPPORT</b>		
5312060140	BRACKET, FAN S2000	1

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PART #	NAME AND DESCRIPTION	QUANTITY
5.4000A - FAN 11513960	BOLT, M10 X 1.5 X 145 MM	7
SCREW, FAN BRACKET ADJUSTING 23526008	BOLT, M10 X 1.50 X 290.0	1
TENSIONER, BELT 23525959	FAN, TENSIONER ASSY.	1
PULLEY, FAN BELT IDLER 23520398	PULLEY, FAN TENSIONER	1
23520402	CAP, TENSIONER PULLEY	1
BEARING, FAN BELT IDLER PULLEY 23520405	BEARING, PACK MATCHED SET	1
SEAL, FAN BELT IDLER PULLEY BEARING 23520404	SEAL, FAN TENSIONER	1
8929064	RING, INT RETAINING 3.121" O.D. (12.4048)	1
SHAFT, FAN BELT IDLER PULLEY 23520401	SHAFT, TENSIONER	1
BRACKET, FAN BELT TENSIONER ASSY. 23509520	BOLT, M12X1.75X47.0 METRIC FLG. HEX HD.	1
23520403	WASHER	1
23525920	BRACKET, FAN TENSIONER	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	3

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>6.1000A - EXHAUST MANIFOLD</b>		
<b>MANIFOLD, EXHAUST</b>		
5351420204	MANIFOLD, EXHAUST FRONT 12V S2000	2
5351420304	MANIFOLD, EXHAUST REAR 12V S2000	2
<b>ADAPTOR, EXHAUST MANIFOLD</b>		
5351420501	ADAPTER, EXHAUST MANIFOLD RB 12V S2000	1
5351420601	ADAPTER, EXHAUST MANIFOLD LB 12V S2000	1
5366200010	STUD, M10 X 1.5 X 59 EXH ADAPTOR	8
8929189	WASHER (12.9190)	8
0009903150	NUT, EXHAUST MANIFOLD TO TURBO	8
<b>GASKET, EXHAUST MANIFOLD</b>		
5361420280	GASKET, EXHAUST MANIFOLD TO HEAD	12
<b>GASKET, EXHAUST MANIFOLD ADAPTOR</b>		
23526492	GASKET, EXHAUST MANIFOLD ADAPTOR	2
<b>BOLT, EXHAUST MANIFOLD TO HEAD</b>		
23511667	SPACER	24
8929357	BOLT, M10 X 1.5 X 120 (12.9001)	24
<b>6.2000A - EXHAUST MUFFLER AND/OR CONNECTIONS</b>		
<b>FLANGE, EXHAUST</b>		
5148101	CLAMP, 5.92" DIA. (MARMAN) (T-BOLT) (ITEM 10)	2
<b>CONNECTION, FLEXIBLE EXHAUST</b>		
5140347	CONNECTOR, 5.00" O.D. X 4.00"L. (6.2095)	2

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PART #	NAME AND DESCRIPTION	QUANTITY
<b>7.1000A - BATTERY CHARGING GENERATOR</b>		
<b>GENERATOR ASSY.</b>		
19010182	GEN CHR9 AC 24V70A NG CW/CCW 21SI	1
179882	BOLT, 1/2"-13X1 1/8"	1
<b>PULLEY, GENERATOR</b>		
5145471	PULLEY (2.83" DIA., 9 GROOVE) (POLY-VEE)	1
<b>BELT, GENERATOR DRIVE</b>		
5319970192	BELT, POLY V 45" LG	1
<b>STRAP, GENERATOR ADJUSTING</b>		
23511669	LINK, ADJUSTING ROD	1
23511670	ROD, ALTERNATOR ADJUSTING M16 X 2 X 254	1
23515862	TUBE .625" LENGTH WITH SLIT	1
11505299	BOLT, M10 X 1.5 X 30.0 MM	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
5178895	SPACER, .40"X7/8"X.40" (7.1585)	1
102637	NUT, 1/2"-13	1
11501055	NUT, M16X2.0	2
<b>BRACKET, GENERATOR MOUNTING</b>		
5311540245	BRACKET, ALTERNATOR SUPPORT	1
000931010322		
	BOLT, M10 X 190	2
11508799	BOLT, M10 X 1.5 X 70 MM	2
23505051	BOLT M10 X 1.5 X 170	2
<b>7.3000A - STARTING MOTOR</b>		
<b>MOTOR ASSY., STARTING</b>		
001481006001		
	PIN, SPRING 6 X 14	1
10478911	MOTOR ASSY., START 24V CW INSU ROLLCLU 50MT	1
5360130745	FLANGE, MOUNT S2000	1
23521613	BOLT, M16 2.00 X 45.0	3
<b>COVER, STARTING MOTOR HOLE</b>		
001481006001		
	PIN, SPRING 6 X 14	1
23522385	COVER, STARTER MOTOR HOLE	1
000933016003		
	BOLT, M16 X 25	3

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**DETROIT DIESEL**

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