

BILL OF MATERIALS FOR: 3149678

Price Book Options and No Codes:

1020 Shipped-loose remote monitoring data collector hardware and installation manual to enable data collection for gas compressors, generator sets, and balance of plant equipment. Data collector can connect up to 6 gas compression or power generation packages. Requires internet connection via Ethernet or cellular router. Subscription to the Machine and Equipment Health Suite of GE’s myPlant remote monitoring application included at no charge for the duration of the standard engine warranty.

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9900 Engine Test Log

9972 Specification Package – Ordered with engine or unit. Limit one per engine. (For additional copies, see Code 9974). 31

9974X Required label for Hazardous Location CSA Certification in US & Canada end use. Adds a safety label containing English and French language that is required to comply with the certification terms of the equipment. Note: For end uses classified as Hazardous Locations Division 2 and in US & Canada. Contact Application Engineering for use in other countries

GRAY PAINT GRAY PAINT

P2212J53 L7044GSI S5 Engine with Gas Compression Spec

S5GC CODES L704*S5GC CODES

NAMEPLATE INFORMATION

Model:..... L7044GSI S5

Paint Color:..... Gray

Comp Ratio:..... 9.7:1

SAA Number:..... None

Service Type:..... Continuous

Fuel:..... Natural Gas

Minimum WKI:..... 91

LHV:..... 900 BTU/ft3 34.5 MJ/m3

Min Fuel Pressure:.....30 psig

Timing:..... ESM

Carburetor Adjustment:... 0.38% CO

Service HP:..... 1900 BHP 1417 KW

Overload:..... None

Site Altitude:..... 5000 FT 1524 M

Max Air Inlet Temp:..... 100 °F 38 °C 31

Intercooler Water Temp:.. 130 °F 54.4 °C 31

Jacket Water Temp:..... 180 °F 82.2 °C 31

Governor Speed:..... 1200 RPM

Valve Setting Intake:..... HYD

Valve Setting Exhaust:..... HYD

ESM DATA:

NOx Setting:..... None g/bhp-hr

Inertia:..... 124 Lbf-In Sec2

High Idle RPM:..... 1200

WKI:..... 91

AFR:..... 0.995

GROUP	DESCRIPTION	QTY
G-002-5016	CYLINDER HEAD	000001
G-003-446	OIL BAYONET	000001
G-004-1446	PISTON	000001
G-007-484	CONN ROD BEARINGS	000001

G-007-486	CONNECTING ROD	000001
G-011-1007	CRANKSHAFT	000001
G-012-1786	TEST POINTS	000001
G-012-2038	VHP 5.0 O&M MANUAL	000001
G-012-2045	VHP BREAK-IN AND PRODUCT. TEST SPEC.	000001
G-013-2051	FLYWHEEL	000001
G-014-2074	OIL PAN DOORS	000001
G-014-2124	OIL PAN DOOR	000001
G-014-2166	OIL PAN, DEEP SUMP	000001
G-015-194	IDLER GEAR	000001
G-016-667	NAME PLATE	000001
G-016-743	NAMEPLATE (SERIES 5)	000001
G-017-2096	OIL COOLER	000001
G-020-5186	CRANKCASE	000001
G-020-5187	MAIN BEARINGS	000001
G-020-5195	CRANKCASE	000001
G-021-1683	WATER OUTLET	000001
G-022-6058	IGNITION	000001
G-023-513	CAMSHAFT	000001
G-026-112	SPARK PLUG	000001
G-027-1526	TURBOCHARGER	000001
G-028-3003	ALTERNATOR	000001
G-029-1960	TURBO CONNECTIONS	000001
G-030-584	CYLINDER SLEEVE	000001
G-031-6350	GOVERNOR	000001
G-033-614	GOVERNOR LINKAGE	000001
G-035-795	CHARGE AIR COOLER	000001
G-035-796	INTERCOOLER WATER CONNECTIONS	000001
G-039-697	ROCKER ARM COVER	000001
G-041-1207	INT MANIFOLD	000001
G-042-1310	EXHAUST MFLD	000001
G-045-1201	GEAR COVER	000001
G-047-157	EXHAUST OUTLET	000001
G-048-13	EXH CONN	000001
G-055-2403	OIL FILTER CENTRIFUGE	000001
G-055-2416	LUBE FILTER, ENGINE MOUNTED	000001
G-055-2417	FILTERS, LUBE OIL	000001
G-057-1357	FLYWHEEL HOUSING	000001
G-060-2365	J W PUMP	000001
G-061-378	TEMP CONTROL VALVE	000001
G-061-515	O.C. WATERPUMP (HI-CAPACITY)	000001
G-064-626	WATER INLET	000001
G-068-296	PRELUBE PUMP	000001
G-070-1985	CASE BREATHER, DEEP SUMP	000001
G-071-90	OIL FILLER, DEEP SUMP	000001
G-072-696	BUTTERFLY VALVE HOUSING	000001
G-077-936	WATER, MANIFOLD	000001
G-078-116	THERMOSTAT HOUSING	000001
G-080-1295	ENG OIL PUMP	000001
G-085-198	AIR/FUEL CONTROL - GSI	000001
G-095-1331	CRANKSHAFT PULLEY	000001
G-097-69	SAFETY LABELS	000001
G-097-75	CSA & HAZARDOUS LOCATION, LABELS	000001
G-102-12	BARRING DEVICE	000001

G-208-2919	STD, AIR CLEANER (TWO STARTERS)	000001
G-223-980	GUARD FRONT PULLEY	000001
G-223-1008	GUARD, STUB SHAFT (VHP 6/12 CYL)	000001
G-230-567	JUNCTION BOX	000001
G-236-103	BATTERY BOX	000001
G-253-235	ENG CONTROL VALVE	000001
G-258-200	STU	000001
G-258-201	EXHAUST THERMOCOUPLES	000001
G-259-95	MAIN BEARING THERMOCOUPLE	000001
G-263-593	STD., SINGLE FUEL INLET	000001
G-263-611	GAS REGULATOR - GSI	000001
G-264-47	STUB SHAFT	000001
G-265-31	SHIPPING SKID VHP EXTENDER	000001
G-289-172	ESM CAL., VHP 5.0, 700-1200 RPM	000001
G-290-131	HARNESS ECU	000001
G-290-141	APM DATA COLLECTOR	000001
G-290-151	ESM2 ECU	000001

G-002-5016 CYLINDER HEAD 000001

1	DA205002H	HEAD ASM, CYLINDER	1
1	78208C	TEE,PIPE .50,150#,IRON	2
1	119126D	PLUG,PIPE,MAGNET,,.5	2
1	100831W	PIPE,,.50 X 1.50 TBE	2
1	153978D	TUBE, OIL	1
1	199109F	TEE .38 OD X .38 NPT X.38 OD	6
1	153982F	CLIP,OIL MANIFOLD	4
1	21348	HXHDSCR .375-16 X 1	4
1	21052	WASHER,MED LOCK .375	4
1	21189	NUT,HEX .375-16 UNC	4
1	601157A	ASM. DIAGRAM, ROCKER ARMS & SPARK PLUG SLEEVE	0
1	600807	ASM., DIAGRAM, CYL. HEAD	0
1	A153754U	ROD,PUSH,ASM.	24
2	153754U	ROD, PUSH	24
2	162782A	INSERT PUSH ROD-LOW	24
2	153752M	LIFTER, HYD VALVE	24
1	C153256A	COVER,PUSH ROD ASM	24
2	153256A	COVER,PUSH ROD UPPER	24
2	120239	SPRING	24
2	211196	O RING,1.25X1.5X.12,FKM	72
2	63600	WASHER,1.53X1.88X.06	24
2	153255B	COVER,PUSH ROD,LOWER	24
1	205100C	NBL GASKET,CYLINDER HEAD	12
1	169994D	NBL CAPSCREW, CYL. HEAD	96
1	E211790A	ROCKER ARM ASM.	1
1	A211792E	BRIDGE,VALVE,ASM.	24
2	211792E	NBL., BRIDGE, VALVE	24
2	211820B	SCREW, ADJUSTING	24
2	28798	PLUG,EXPANDER SEALING 5MM OD	48
2	21219	NUT,HEX JAM,,.562-18	24
2	26774	PIN,ROLL,,.12 X .38	48
1	214302C	TUBE, SPARK PLUG EXTENSION	12
1	Y18813H	WASHER,FLAT .375	20
1	28610	HXHDSCR,.38-16X6.75	12
1	21519	HXHDSCR,.50-13X5.50 LG	48
1	21054	WASHER,MED LOCK .50	49
1	211830	O RING,1.62X1.83X.09,VITON	24
1	199111K	ELBOW,MALE,,.50 ODX.50NPT	3
1	169013R	CLIP,.5 DIA X .5 SCR	1

1	176549P	TUBE, OIL, HEADER TO CYLINDER HEAD	10
1	209999F	CONNECTOR, MALE, .38 OD X .25 NPT, S.S.	10
1	176549R	TUBE, OIL, HEADER TO CYLINDER HEAD	2
1	211000E	ELBOW, MALE .38 OD TUBE X .25 NPT SST	2
1	176775T	TUBE, OIL REAR	1
1	21431	HXHDSCR,.50-13X1.50	1
1	B715	SPACER,.53IDX1X.5LG	1
1	Y18813K	WASHER,FLAT .500	1
1	214392T	TUBE,OIL FRONT	1
1	194769H	CONN,MALE,.50 ODX.50 NPT	1
1	28677	PLUG,PIPE,HXHD,.50	1
1	194634F	TEE, PIPE SERVICE .50 NPT	1
1	S-07232-350	IGNITION SYSTEM ASSEMBLY, CSA	0
G-003-446 OIL BAYONET 000001			
1	601595	STD., OIL BAYONET	1
1	153014C	SUPPORT,DIPSTICK	2
1	153142C	GASKET, DIPSTICK SUPPORT	2
1	26990	HXHDSCR,NYLOC,.375-16X1 LG	4
1	153144	TUBE,DIP STICK	2
1	26743	PLUG,PIPE,HXHD,.125	2
1	C156600X	DIPSTICK ASM.	2
2	156600X	BLADE DIPSTICK	2
2	C156607	HANDLE,DIPSTICK ASM	2
3	156607	HANDLE,DIPSTICK	2
3	208381	RETAINER, O-RING	2
2	28637	RIVET,FLHD .12X.25LG	4
1	118013N	O RING,.44X.62X.09,NITRILE	2
G-004-1446 PISTON 000001			
1	205804C	NBL PISTON, 9.375 DIA.	12
1	10006	NBL PIN PISTON	12
1	202205E	NBL RING, PISTON TOP	12
1	202205C	NBL RING,PISTON INTERMEDIATE	12
1	202005G	NBL RING,PISTON OIL CONTROL	12
1	44999C	RING,INT.RET.-300	24
G-007-484 CONN ROD BEARINGS 000001			
1	A205210	BEARING,CONN ROD	12
G-007-486 CONNECTING ROD 000001			
1	A205707A	NBL ROD, CONNECTING	1
1	S-07232-4	VHP CONN ROD BOLT TORQUE INST.	0
G-011-1007 CRANKSHAFT 000001			
1	600507	CRANKSHAFT	0
1	S-07232-257	CRANKSHAFT/CAMSHAFT END PLAY	0
1	A200411E	NBL, ASSEMBLY, CRANKSHAFT	1
2	200411E	NBL, CRANKSHAFT - MACHINING	1
2	199167J	NBL COUNTERWEIGHT	12
2	199168A	NBL CSCRCTWT,.88-14X4.75 LG	24
2	209667	WASHER,HARDENED	24
2	211503	SOHDSETSC .62-11X.75	6
2	28728	PIN,DOWEL,.31X.50 LG	1
1	153044C	WASHER, CSHAFT THRUST	1
1	200012K	GEAR,CRANKSHAFT	1
2	750050	GEAR, CRANKSHAFT	1
1	26800	PIN,ROLL,.125X.62 LG	2
1	153042	THROWER OIL	1
G-012-1786 TEST POINTS 000001			
1	S-07232-251	DIAGRAM, TEMP & PRES TEST PNTS	0
1	S-07232-251	DIAGRAM, TEMP & PRES TEST PNTS	1
G-012-2038 VHP 5.0 O&M MANUAL 000001			
1	X-E001-06R	PROGRAMMED ESP CD, ESM	1
G-012-2045 VHP BREAK-IN AND PRODUCT. TEST SPEC. 000001			

1	S-08488-81	VHP ENGINE BREAK-IN AND PRODUCTION TEST	0
G-013-2051 FLYWHEEL 000001			
1	601629	FLYWHEEL	0
1	A200313H	NBL FLYWHEEL ASM (22.50 & 28.88 PILOT DIA.)	1
2	200313H	NBL FLYWHEEL (22.50 & 28.88 PILOT DIA.)	1
2	153381B	RING GEAR	1
1	28234	NBL HXHDSCR,.62-18X2.00 LG	12
1	B367	WASHR.656X1.19X.104 HARDEN	12
1	211638D	STRIP,TIMING FLYWHEEL, 12 CYL	1
G-014-2074 OIL PAN DOORS 000001			
1	S-07232-368	OIL PAN DOORS W/CODES	0
1	F200224	DOOR ASM., OIL PAN	4
2	200224	DOOR, OIL PAN	4
2	304721	O RING,.38X.62X.12,VITON	8
2	B2767	WASHER,.47X.88X.25	8
2	28766A	CAPSCREW, OIL PAN DOOR	8
2	153122J	CLAMP, OIL PAN DOOR	4
2	28767	NUT,.4375-14 SQUARE	8
2	26533	PIN,ROLL,.12X.88 LG	8
1	153121A	O-RING, OIL PAN DOOR	4
G-014-2124 OIL PAN DOOR 000001			
1	S-07232-368	OIL PAN DOORS W/CODES	0
1	F200224	DOOR ASM., OIL PAN	1
2	200224	DOOR, OIL PAN	1
2	304721	O RING,.38X.62X.12,VITON	2
2	B2767	WASHER,.47X.88X.25	2
2	28766A	CAPSCREW, OIL PAN DOOR	2
2	153122J	CLAMP, OIL PAN DOOR	1
2	28767	NUT,.4375-14 SQUARE	2
2	26533	PIN,ROLL,.12X.88 LG	2
1	153121A	O-RING, OIL PAN DOOR	1
G-014-2166 OIL PAN, DEEP SUMP 000001			
1	601586A	STD., OIL PAN	0
1	S-07232-450	INSTRUCTIONS, OIL PAN GASKET SEALANT	0
1	S-07232-368	OIL PAN DOORS W/CODES	0
1	200314D	PAN, OIL, DEEP SUMP	1
1	166192K	O RING,7 X 5820MM,VITON	1
1	153119	DOWEL OIL PAN	2
1	F200224	DOOR ASM., OIL PAN	5
2	200224	DOOR, OIL PAN	5
2	304721	O RING,.38X.62X.12,VITON	10
2	B2767	WASHER,.47X.88X.25	10
2	28766A	CAPSCREW, OIL PAN DOOR	10
2	153122J	CLAMP, OIL PAN DOOR	5
2	28767	NUT,.4375-14 SQUARE	10
2	26533	PIN,ROLL,.12X.88 LG	10
1	D200224A	DOOR ASM., OIL PAN	1
2	200224A	DOOR, OIL PAN W/.50 NPSF HOLE	1
3	200224	DOOR, OIL PAN	1
2	304721	O RING,.38X.62X.12,VITON	2
2	B2767	WASHER,.47X.88X.25	2
2	28766A	CAPSCREW, OIL PAN DOOR	2
2	153122J	CLAMP, OIL PAN DOOR	1
2	28767	NUT,.4375-14 SQUARE	2
2	26533	PIN,ROLL,.12X.88 LG	2
1	CA200224F	DOOR ASM., OIL PAN W/ BREATHER DRAIN	1
2	A200224F	DOOR, OIL PAN, W/BREATHER DRAIN	1
3	200224F	HR STEEL PLATE, PER STD-02-0802	1
3	214176D	TUBE, OIL PAN DOOR	1
3	209242E	COUPLING, HALF 1.00	1

3	309271	SPACER, .469 X .88 X .88LG	2
3	209242C	COUPLING,HALF,.50	1
3	214578	PLATE, OIL PAN DOOR, W/BREATHER DRAIN	4
2	153122J	CLAMP, OIL PAN DOOR	1
2	28766A	CAPSCREW, OIL PAN DOOR	2
2	B2767	WASHER,.47X.88X.25	2
2	305552	O RING,.44X.62X.09,VITON	2
2	28767	NUT,.4375-14 SQUARE	2
2	28677	PLUG,PIPE,HXHD,.50	1
2	28697	PLUG,PIPE,HXHD 1.0	1
2	26533	PIN,ROLL,.12X.88 LG	2
1	74113	PLUG,PIPE,SQ HD 2.00	4
1	28677	PLUG,PIPE,HXHD,.50	3
1	21247	NUT,HEX JAM,1-8 UNC	6
1	166572	SCRLEVELING1-8X3.75	6
1	B355	WASHER,.52X.88X.09 HARDEN	6
1	28570	HXHDSR,.50-13X2.00 LG	6
1	21052	WASHER,MED LOCK .375	4
1	21189	NUT,HEX .375-16 UNC	4
1	21470	HXHDSR,.625-11X2.25 LG	2
1	21489	HXHDSR,.75-10X2.50 LG	28
1	28873	SCREW, SERRATED FLANGE, HX HD, GRADE 5, .375 X .62	44
1	214354	MAGNET, OIL PAN	8
1	153127B	GASKET, FLANGE	2
1	28818B	STUD, 3/8-16 X 2 LG	4
1	A214361A	ASM., OIL PICKUP	1
2	21357	HXHDSR .375-16X1.50	6
2	214375B	CLAMP, OIL PICK-UP TUBE	3
2	153127B	GASKET, FLANGE	3
2	214635	OIL INLET MANIFOLD	1
2	292843	O RING,1.73X.21,NITRILE	1
2	214374B	STRAP, OIL PICK-UP	3
2	A214438A	TUBE ASM., OIL PICKUP	1
3	214438A	TUBE, OIL PICKUP	1
3	153125P	FLANGE, OIL PICK-UP	2
2	C214438A	TUBE ASM., OIL PICKUP	1
3	153125P	FLANGE, OIL PICK-UP	2
2	A214335B	TUBE, PRE-LUBE PICK-UP	1
3	154579C	NUT,WELD,.38-16X.23	1
2	214359	TUBE, OIL PICKUP	1
2	Y18813H	WASHER,FLAT .375	6
2	21052	WASHER,MED LOCK .375	6
2	211215	TUBE, OIL PICKUP	1
1	B2239	WASHER..781X1.359X.134	28
1	B367	WASHR.656X1.19X.104 HARDEN	2
1	Y18813H	WASHER,FLAT .375	4
1	214259A	SCREEN, TOOL	2
1	214259B	SCREEN, TOOL	2
1	214259C	SCREEN, TOOL	2
1	214259E	SCREEN, TOOL	1
1	214259F	SCREEN, TOOL	1
1	214259G	SCREEN, TOOL	1
1	214259L	SCREEN, TOOL	1
1	214259M	SCREEN, TOOL	1
1	214259N	SCREEN, TOOL	1
1	A214259P	SCREEN, TOOL	1
2	154579C	NUT,WELD,.38-16X.23	3
2	21340	HXHDSR,.375-16X.62 LG	1
2	21052	WASHER,MED LOCK .375	1
1	153121A	O-RING, OIL PAN DOOR	7

G-015-194 IDLER GEAR 000001

1	200115M	GEAR, IDLER	1
1	78391	BEARING,BALL	1
1	78390	BEARING,BALL	1
1	200016D	SPINDLE IDLER	1
1	153551A	SPACER,1.81X2.25X.82	1
1	161842	RETAINER BEARING	1
1	26990	HXHDSCR,NYLOC,.375-16X1 LG	6
1	B2108B	WASHR1.515X2.75X5/16	1
1	207329	NUT,HEX 1.5-12UNF	1
1	153655	WASHR,.53X2.25X.38	1
1	B881A	LOCK	1
1	26996	8HXHDSC,.50-20X1.25 LG	2
1	S-07232-240	ORIENT OF OIL SPRAY NOZZLES	0
1	S-04613	INSTRUCTION,GEAR BACKLASH	0

G-016-667 NAME PLATE 000001

1	S-05694-35	INSTR, NAMEPLATE STAMPING	1
2	S-07079-23	POWER / TIMING / WKI CURVES	0
2	S-07079-30	WAUKESHA KNOCK INDX PWR/TMG	0
2	S-08488-81	VHP ENGINE BREAK-IN AND PRODUCTION TEST	0
2	S-08629-14	PREDICTIVE SPREADSHEET	0
2	S-08154-101	RATING STDS & AJUST	0
2	S-07232-410	ESM Setup Instr VHP Drill Rig/Mobile Cert	0
1	214713E	PLATE, NAME (VHP 12-CYL)	1
1	B557A	STICK,THREAD CUTTING SCREW	4
1	211930Y	LABEL, EMISSION CONTROL INFO	1
1	S-07382-58	INSTR. EMISSION CONTROL INFO.	0
1	S-07232-480	INSTRUCTIONS, LABEL LOCATIONS	0

G-016-743 NAMEPLATE (SERIES 5) 000001

1	214083A	NAMEPLATE, VHP SERIES FIVE	2
1	26118	PKRDHDSCR #4X.38	8

G-017-2096 OIL COOLER 000001

1	B6280	BUSH,RED,.75X.375	1
1	169969Y	BRKT, OIL COOLER, R.H.	1
1	169969Z	BRKT, OIL COOLER, L.H.	1
1	168370K	SPACER, LIFTING EYE	2
1	290023	WASHER,TENSION M12	8
1	21435	HXHDSCR,.50-13X 2.00	22
1	21054	WASHER,MED LOCK .50	58
1	21205	NUT,HEX,.50-13 UNC	34
1	21433	HXHDSCR,.50-13X1.75	16
1	21052	WASHER,MED LOCK .375	5
1	21352	HXHDSCR,.375-16X 1.25	4
1	21431	HXHDSCR,.50-13X1.50	16
1	B277	WASHER,FLAT .3125	4
1	21051	WASHER,LOCK,.312 & M8	4
1	169013G	CLIP,.25 DIA X.5 SCR	1
1	A214371A	TUBE, OIL PUMP	1
2	750286	TUBE, ASM	1
2	214378A	ASSY, FLEX METAL HOSE	1
1	208601E	GASKET, OIL LINE	3
1	208601C	GASKET	1
1	208601D	GASKET, WATER INLET, OIL COOLER	1
1	78212V	BUSHING,RED,2.5-2.0	1
1	168439M	ELBOW,RED,.50-.38	1
1	211857B	COOLER,LUBE OIL (38 IN.)	1
1	28570	HXHDSCR,.50-13X2.00 LG	8
1	214076D	BRACKET, OIL COOLER SUPPORT RH	1
1	214076E	BRACKET, OIL COOLER SUPPORT LH	1
1	Y18813K	WASHER,FLAT .500	37

1	209816A	STRAP, LUBE OIL COOLER	2
1	78212D	BUSHING,RED,.50-.38	1
1	73413A	COCK,DRAIN,.375	1
1	Y18813H	WASHER,FLAT .375	10
1	21189	NUT,HEX .375-16 UNC	5
1	A214507	FLANGE ASM., OIL COOLER WATER OUTLET	1
2	295996B	FLANGE,150#,SLIP-ON WLD.FF,2.5	1
2	750621	Flange, Machined	1
3	750360	BLANK, FLANGE	1
2	750622	Coupling, Machined	1
3	78209K	COUPLING,PIPE,2.00	1
1	C214508	FLANGE ASM., FLOATING, WATER OUTLET	1
2	750632	BLK STL PIPE PER STD-02-0831. 2.5"SCH. 40	1
3	100907U	PIPE,2.50 X 7.00 TOE	1
2	750620	Flange, Machined	1
3	750360	BLANK, FLANGE	1
2	214515	STUB END, WELD, 2.5" PIPE	1
1	74113	PLUG,PIPE,SQ HD 2.00	1
1	207585	VALVE,BALL,.375	1
1	118566X	PIPE,.375 X 1.00 TBE	1
1	119434W	PIPE,.50 X 1.12 TBE	1
1	78920D	TEE SERVICE	1
1	P312671	90DEG MALE ELBOW CONN 2 IN	1
1	76400	COCK,DRAIN .25	1
1	177488F	CLIP,2.0 DIA X.38 SCR	1
1	169013	CLIP,.25 DIA X.38 SCR	1
1	21350	HXHDSCR,.375-16X1.12 LG	1
1	601531	STD. OIL COOLER (EXTENDER)	0
1	S-05613-314	SCHEM,ENG LUB OIL SYSTEM	1
1	A214373	ASSY, OIL COOLER TUBE	1
2	750287	FLANGE, BLANK	1
2	199415J	ELBOW,SHORT RAD 2 IN	1
2	169856S	FLANGE, 2.00 PIPE	1
2	750294	STUB, SS	1
3	214377	FLANGE 2 IN STUB END SS SCH 10	1
2	750641	TUBE, BENT	1
1	169874E	GASKET, LUBE OIL SYSTEM	4
1	168665G	CLAMP 2 IN TUBE	1
1	168665F	CLAMP, ANGLED 2 IN PIPE	1
1	A214370A	ASSY, OIL COOLER TUBE	1
2	169856S	FLANGE, 2.00 PIPE	1
2	750285	TUBE, ASM	1
3	750294	STUB, SS	1
4	214377	FLANGE 2 IN STUB END SS SCH 10	1
2	214378A	ASSY, FLEX METAL HOSE	1
1	21181	NUT,HEX .312-18 UNC	4
1	154813H	U BOLT,.31-18X2.31X2.69LG	2
1	214331A	STRAP, TUBE SUPPORT	1
1	A214368A	ASSY, OIL COOLER TUBE	1
2	169856S	FLANGE, 2.00 PIPE	1
2	214378A	ASSY, FLEX METAL HOSE	1
2	750284	TUBE, ASM	1
3	750294	STUB, SS	1
4	214377	FLANGE 2 IN STUB END SS SCH 10	1
1	A214369	ASSY, OIL COOLER TUBE	1
2	750287	FLANGE, BLANK	1
2	169856S	FLANGE, 2.00 PIPE	1
2	750294	STUB, SS	1
3	214377	FLANGE 2 IN STUB END SS SCH 10	1
1	194769G	CONN,MALE,.50 ODX .38NPT	2

1	214009Z	TUBE, OIL COOLER DRAIN	1
1	78212F	BUSH,RED,.75X.25	1
1	194769E	CONN,MALE,.25 ODX .25NPT	2
1	214316S	TUBE, OIL COOLER VENT	1
1	21439	HXHDSCR .50-13X2.50	4
G-020-5186 CRANKCASE		000001	
1	S-07240-1	INST.THRUST BRG.PIN	0
1	S-07240-2	INST.THRUST BRG.PIN	0
1	200034E	HOUSING,TAPPET	2
1	153020E	GASKET, TAPPET HOUSING	2
1	153302D	COVER, TAPPET HOUSING END	1
1	28609	SCR,FLNGD12PT.38-16X1.50	12
1	21189	NUT,HEX .375-16 UNC	8
1	26470	HDLSSCR,.38-16X2.50 LG	1
1	B2747A	WASHER, NYLON .375	1
1	21191	NUT,HEX JAM,.375-16	1
1	Y18813H	WASHER,FLAT .375	4
1	194769K	CONN,MALE,.88 ODX .75NPT	2
1	78282F	PLUG,PIPE HXHD,.75	2
1	21370	HXHDSCR,.375-16X3.25	28
1	153038A	GASKET, CAMSHAFT COVER PLATE	1
1	153037A	PLATE,CAMSHAFT COVER	1
1	21632	SHPRF INT LW .38	4
1	26730	PIN,ROLL,.19X.50 LG	2
1	26738	PIN,ROLL,.312X.62 LG.	4
1	21348	HXHDSCR .375-16 X 1	9
1	21052	WASHER,MED LOCK .375	9
1	199111K	ELBOW,MALE,.50 ODX.50NPT	1
1	194769H	CONN,MALE,.50 ODX.50 NPT	1
1	28677	PLUG,PIPE,HXHD,.50	1
1	601013	STD., CRANKCASE	0
1	S-07232-15A	MAIN BRG TORQUE PROCEDURE	0
1	163213B	GASKET, TAPPET HOUSING	1
1	21052	WASHER,MED LOCK .375	93
1	153022C	GASKET, TAPPET GUIDE	24
1	153003E	GUIDE, TAPPET	24
1	21350	HXHDSCR,.375-16X1.12 LG	44
1	21357	HXHDSCR .375-16X1.50	4
1	119977	SPACER,.41X.75X.25LG	4
1	118013N	O RING,.44X.62X.09,NITRILE	7
1	21343	HXHDSCR .375-16X.75	4
1	28269	SCR,FLNGD12PT.38-16X1.00	5
1	C214311B	TAPPET ASSEMBLY, VALVE	24
2	214311B	BODY, VALVE TAPPET	24
2	167665D	BUSHING, VALVE TAPPET ROLLER	24
2	214315	INSERT, TAPPET	24
2	12139K	PIN, VALVE TAPPET ROLLER	24
2	12137J	ROLLER, VALVE TAPPET	24
1	200027	BUSHING CAMSHAFT	2
1	200050	BEARING,CAM INTERMEDIATE & REAR	12
1	153032	THRUST RING, CMSHFT FRNT BRG	2
1	153031D	NBL RING, UPPER & LOWER THRUST	2
1	A153015G	GEAR,O P DRIVE,ASM.	1
2	145029A	BUSHING BRONZE	1
1	153063E	SPINDLE, O.P. IDLER	1
1	153751A	WASHER,.76X2.25X.38	1
1	28611A	SCR,HXHDSPEC.75-16X7	1
2	28611	HDHSCR,GR8,.75-16X7	1
1	118091B	NUTCYLHD,.75-16X.81	1
1	153024A	GASKET, OIL RETAINER	1

1	D200091	RETAINER,OIL,ASM.	1
2	200091	RETAINER OIL-UPPER	1
2	200090B	RETAINER LOWER OIL	1
2	153023A	GASKET, OIL RETAINER	2
2	B2315	PIN,DOWEL .375X.88LG	2
2	21053	WASHER,MED LOCK,.4375	2
2	21395	HXHDSCR,.438-14X1.25	2
1	153554A	SEAL,REAR CRANKSHAFT	1
1	B3568	PIN,DOWEL .375X.62LG	2
1	B2239	WASHER..781X1.359X.134	1
1	214391Y	TUBE, TAPPET HSG. OIL SUPPLY	1
1	194634F	TEE, PIPE SERVICE .50 NPT	1
G-020-5187 MAIN BEARINGS 000001			
1	A200122H	NBL, BEARING,MAIN,FRT,CENT,REAR	3
1	A200125F	NBL, BEARING,MAIN,INTERMEDIATE	4
G-020-5195 CRANKCASE 000001			
1	601012	STD., CRANKCASE	0
1	A200520B	NBL CRANKCASE ASM., 9.38 IN.	1
1	208601E	GASKET, OIL LINE	1
1	214289	COVER, OIL INLET	1
1	26248	HXHDSCR,.50-13X1.12 LG	4
1	21054	WASHER,MED LOCK .50	4
1	B9132	PIN,DOWEL .495X.75LG	24
1	28677	PLUG,PIPE,HXHD,.50	5
1	78282E	PLUG,PIPE,SQ HD,.50	5
1	26750	PLUG,PIPE,HXHD .25	1
1	78282J	PLUG,PIPE,SQ HD,1.5	2
1	78283D	PLUG,PIPECTSKHD,1.25	1
1	78283G	PLUG,PIPE,CTSKHD,.25	1
1	78283B	PLUG, CTSKSQHD PIPE .75 NPT	4
1	153030	NOZZLE GR TR OIL SPR	2
G-021-1683 WATER OUTLET 000001			
1	208943A	GASKET	1
1	21054	WASHER,MED LOCK .50	4
1	21431	HXHDSCR,.50-13X1.50	4
1	153545C	CONN.,UPPER WATER	1
1	78282F	PLUG,PIPE HXHD,.75	1
1	214711E	CPLG,38 DRESS,6 PIPE, SEAL (PLAIN)	1
G-022-6058 IGNITION 000001			
1	305509	MAGNET,TIMING SENSOR	1
1	305805V	DISC, TIMING	1
1	69957A	COIL,IGNITION W/LEAD	12
1	A211797R	EXTENSION ASM., SPARK PLUG (VHP)	12
1	292843	O RING,1.73X.21,NITRILE	12
1	39025	STUD, .312 X 1.56 LG.	36
1	21538	WASHER,MED LOCK,.3125	36
1	21186	NUT,HEX,.312-24	36
1	601936	STD, IGNITION	0
1	741336A	MODULE-DIAGNOSTIC, IGN. POWER (IPMD 2)	1
1	21050	WASHER, MED LOCK .250	8
1	21284	HXHDSCR,.25-20X1.25 LG	4
1	21290	HXHDSCR,.25-20X1.75 LG	4
G-023-513 CAMSHAFT 000001			
1	AA229423A	NBL CAMSHAFT ASSEMBLY	1
2	A229423A	NBL CAMSHAFT ASM., FRONT	1
3	229423A	NBL CAMSHAFT, FRONT	1
4	750637	BLANK, CAMSHAFT, 42.212 LG.	1
3	207320F	NBL., ADAPTER, CAMSHAFT	1
2	229523A	NBL CAMSHAFT, REAR	1
3	750638	BLANK, CAMSHAFT, 42.462 LG.	1

2	153045J	COUPLING, CAMSHAFT	1
2	21012B	KEY,WDRF 15,.25X1.00	2
1	153048	NUT,HEX,1.50-12X.75 LG	1
1	200526D	GEAR, CAM	1
1	153029	SHIMS,CAMSHAFT	9
1	153047A	WASHER,2.01X4.5X13/32	1
1	21012B	KEY,WDRF 15,.25X1.00	1
G-026-112 SPARK PLUG 000001			
1	69919H	SPARK PLUG, 18mm	12
1	601188	TORQUE/ASM. INSTRUCTIONS, SPARK PLUG	0
G-027-1526 TURBOCHARGER 000001			
1	211896C	TURBOCHARGER	2
G-028-3003 ALTERNATOR 000001			
1	214646	BRACKET - ALTERNATOR - EXTENDER	1
1	69677C	ALTERNATOR	1
1	168981C	BRACKET,ALT. TENSION	1
1	A199868B	V-BELT - SET OF 2	1
2	199868B	V-BELT	1
1	163391D	PULLEY, ALTERNATOR	1
1	119977	SPACER,.41X.75X.25LG	1
1	21352	HXHDSCR,.375-16X 1.25	6
1	21052	WASHER,MED LOCK .375	7
1	21360	HXHDSCR .375-16X1.75	1
1	Y18813K	WASHER,FLAT .500	2
1	21521	HXHDSCR,.50-13X6.25 LG	1
1	21205	NUT,HEX,.50-13 UNC	1
1	B363	WASHER .52 ID X 1.00 OD X .108 THK. STEEL (HARDENE	1
1	21430	HXHDSCR,.50-13X1.38 LG	1
1	21275	HXHDSCR .25-20X.75 LG	4
1	21050	WASHER, MED LOCK .250	4
1	21173	NUT,HEX,.25-20 UNC	4
1	169013Z	CLIP,.75 DIA X.5 SCR	2
1	601887	ALTERNATOR	0
1	Y18813H	WASHER,FLAT .375	2
1	200073G	BRACKET, ALTERNATOR	1
1	29605	8HXHDSC,.38-16X1.00	2
1	740270A	HARNESS,ALTERNATOR,ASM.	1
1	A214117	BOX,ALTERNR JUNCTION,ASM	1
2	214117	BOX,JUNCTION ALTERNATOR	1
2	740272	HARNESS, ALTERNATOR - 50 IN LG	1
1	214116	LABEL,CSA ALTERNATOR SYSTEM	1
G-029-1960 TURBO CONNECTIONS 000001			
1	177053	VALVE,CHECK,.375	1
1	239001	ELBOW, TURBINE INLET, L.B.	1
1	78212C	BUSHING,RED,.50X.25	2
1	176774A	GASKET	2
1	28405	HXHDSCR.375-16X2.00LG STNLS ST	12
1	28357	WASHER,STNST,.39X.69X.12	16
1	28411	NUT,HEX,STST,.375-16	12
1	28406	NUT,HEX,STSTJAM,.375-16	8
1	211943B	FLANGE, TURBO WATER INLET CVR	4
1	211755R	BRACKET, TURBO OIL TUBE	2
1	207832A	BRACKET, TURBO, R.H.	1
1	207831A	BRACKET, TURBO, L.H.	1
1	26750	PLUG,PIPE,HXHD .25	2
1	119434Y	PIPE,.50 X 1.25 TBE	1
1	211944A	GASKET, TURBO WATER IN/OUT	8
1	207827B	GASKET, EXHAUST ELBOW	2
1	209155C	SPACER,.41X.75X1.62 LG.	4
1	28795	SCR,FLNGD12PT.38-16X5.00 SS	8

1	78212G	BUSH,RED,.75X.50	2
1	290625	O RING,5.75X6.25X.25,FKM	2
1	21346	HXHDSCR,375-16X.88 LG	4
1	76911	WASHER,.41X.88X.12	4
1	78282R	PLUG,PIPE,SQ HD,.50,SS	2
1	28346	WASHER,STNST,.41X.81X.12	16
1	28339	WASHER,LOCK .375,ST ST	8
1	28790	HXHDSCR,.375 X .88 SS	4
1	21348	HXHDSCR .375-16 X 1	2
1	214125L	O-RING, 3.50 X 3.75 X .12, VITON	4
1	290625A	O RING,3.12X3.38X.12,FKM	2
1	601833	STD, TURBO CONNECTION	0
1	239001A	ELBOW, TURBINE INLET, R.B.	1
1	214612H	TUBE, TURBO OIL L.B.	1
1	199108A	UNION,TUBE,.50 ODX.50 OD	2
1	214659A	TUBE, TURBO OIL SUPPLY, L.B.	1
1	214659	TUBE, TURBO OIL SUPPLY, R.B.	1
1	21982	SOCHDSCR,.375-16X1.25	24
1	39150	WASHER,SOCHDSCR LOCK,.38	24
1	211946A	GASKET, TURBO OIL INLET	2
1	207313K	CLIP,.5 DIA X .38 SCR	7
1	21365	HXHDSCR,375-16X2.50	4
1	63809D	SPACER,.41X.75X1 LG	4
1	209478D	TUBE, TURBO OIL, RB	1
1	199111D	ELBOW,MALE,.50 ODX.38NPT	2
1	214000H	TUBE ASM, TURBO OIL DRAIN, R.B.	1
1	63722C	CROSS,PIPE,.375	1
1	169158	PLUG,MAGN DRAIN,.375	1
1	194769G	CONN,MALE,.50 ODX .38NPT	4
1	118566X	PIPE,.375 X 1.00 TBE	2
1	211948A	GASKET, TURBO OIL DRAIN	2
1	214000G	TUBE ASM, TURBO OIL DRAIN, L.B.	1
1	239002A	ELBOW, COMPRESSOR OUTLET	2
1	78283J	PLUG,SOCHDPIPE,.50,PLTD	4
1	A214659C	TUBE ASM, TURBO WATER OUTLET, R.B.	1
2	211943A	FLANGE,TURBO WATER RETURN	1
1	Y18813H	WASHER,FLAT .375	6
1	21052	WASHER,MED LOCK .375	2
1	21189	NUT,HEX .375-16 UNC	2
1	199111E	ELBOW,MALE,.62 ODX.50NPT	2
1	A214659B	TUBE ASM, TURBO WATER OUTLET, L.B.	1
2	211943A	FLANGE,TURBO WATER RETURN	1
1	211953J	HEATSHIELD, TURBO INLET ELBOW, R.B.	1
1	211953H	HEATSHIELD, TURBO INLET ELBOW, L.B.	1
1	78212C	BUSHING,RED,.50X.25	2
1	21431	HXHDSCR,.50-13X1.50	4
1	Y18813K	WASHER,FLAT .500	5
1	21433	HXHDSCR,.50-13X1.75	1
1	207155D	PIPE,.375X1.25 TBE	1
1	211945B	FLANGE, TURBO OIL INLET	2
1	211943C	Flange, Turbo Water Inlet	2
1	214392Z	TUBE, TURBO WATER INLET, R.B.	1
1	214392Y	TUBE, TURBO WATER INLET, L.B.	1
1	199111K	ELBOW,MALE,.50 ODX.50NPT	2
1	78208C	TEE,PIPE .50,150#,IRON	1
1	239003A	ADAPTER, COMPRESSOR OUTLET	2
1	168519F	CLAMP, V-BAND 3.75 OD	2
1	239004A	RETAINER, COMPRESSOR OUTLET ELBOW	2
G-030-584 CYLINDER SLEEVE 000001			
1	205130X	SLEEVE, CYL., 9.375 BORE	12

1	119397G	NBL RING CYL SLEEVE PACK	24
1	119397E	NBL RING CYL SLEEVE PKNG	12
G-031-6350 GOVERNOR 000001			
1	214072A	BRACKET, GOVERNOR SUPPORT	1
1	21431	HXHDSCR, .50-13X1.50	4
1	21054	WASHER, MED LOCK .50	4
1	WS808297	HXHDSCR M8X30 FULTHD	4
1	21051	WASHER, LOCK, .312 & M8	5
1	214046B	ACTUATOR, 2080	1
G-033-614 GOVERNOR LINKAGE 000001			
1	600342	MOUNTING DIAGRAM, GOV LINKAGE	0
1	211220X	LEVER, GOVERNOR	1
1	211221	BUSHING, SPLINED .50-36 SERR.	1
1	21357	HXHDSCR .375-16X1.50	1
1	209155B	WASHER, .41X.66 X.12	4
1	B9059	NUTSTOP.375-16X.406	2
1	21317	HXHDSCR, .312-18X1.50	1
1	158417	NUTSTOP, .312-18X.344	1
1	21360	HXHDSCR .375-16X1.75	1
1	A214057	ROD, GOVERNOR, ASM.	1
2	214057	ROD, GOVERNOR	1
2	21193	NUT, HEX .375-24 UNF	1
2	208434D	ROD END, .38-24RH	1
2	B6933	NUT, HEX .375-24 UNF (L.H.)	1
2	208434E	ROD END, .38-24LH	1
G-035-795 CHARGE AIR COOLER 000001			
1	601850	STD, CHARGE AIR COOLER	0
1	168504E	ELBOW, AIR/GAS INLET LB	1
1	168504D	ELBOW, AIR/GAS INLET RB	1
1	21951	PLUG, PIPECTSKHD, .38	2
1	S-07232-479	HEIGHT ASM, CHARGE AIR COOLER	0
1	76400	COCK, DRAIN .25	4
1	168316F	BRACKET, INTERCOOLER, LB	1
2	750062	SPACER	2
2	750078	BRACKET, BASE	1
2	750079	BRACKET	1
1	168317E	BRACKET, INTERCOOLER, RB	1
2	750076	BRACKET, BASE	1
2	750077	BRACKET	1
2	750062	SPACER	2
1	C168527F	TUBE ASM., INLET L.H.	1
2	168527F	TUBE, AIR INLET L.B.	1
2	168322	COLLAR O RING	1
1	C168528F	TUBE ASM., INLET R.H.	1
2	168528F	TUBE, AIR INLET R.B.	1
2	168322	COLLAR O RING	1
1	155248G	O RING, 4.50X5.00X.25, SILICON	2
1	211637	PLATE, RESTRAINING	4
1	169847D	COUPLING, 4.50 OD TUBE	2
1	211412B	SUPPORT, TUBE CLAMP	2
1	153785A	CLAMP, 4.50 I.D.	2
1	120132A	SPACER, .56X1.00X.25LG	2
1	21280	HXHDSCR, .25-20UNCX1	2
1	21354	HXHDSCR, .375-16X1.38 LG	8
1	21428	HXHDSCR, .50-13X1.25 LG	2
1	28283	8HXHDSCR, .50-13X1.50	8
1	21433	HXHDSCR, .50-13X1.75	2
1	Y18813P	WASHER, FLAT .75	4
1	21050	WASHER, MED LOCK .250	2
1	21173	NUT, HEX, .25-20 UNC	2

1	21052	WASHER,MED LOCK .375	68
1	Y18813K	WASHER,FLAT .500	12
1	21054	WASHER,MED LOCK .50	10
1	21205	NUT,HEX.,50-13 UNC	10
1	21233	NUT,HEX .75-16 UNF	4
1	26474	WASHER,MED LOCK .75	4
1	290023	WASHER,TENSION M12	8
1	28800	NUT,REG.FLNGE .750-16 UNF GR8	4
1	21437	HXHDSCR .50-13X2.25	8
1	168282U	CHARGE AIR COOLER	1
1	168284G	PLENUM, INTERCOOLER	2
1	168335G	GASKET, CHARGE AIR COOLER	2
1	168329C	STUD,GR5,.75X5.00 LG	4
1	C100834L	PIPE ASM., I.C. INLET/OUTLET	2
2	100834L	PIPE, 2 X 1.50 TOE	2
2	211999	FLANGE, IC INLET/OUTLET	2
1	21350	HXHDSCR,.375-16X1.12 LG	60
1	26750	PLUG,PIPE,HXHD .25	8
G-035-796 INTERCOOLER WATER CONNECTIONS 000001			
1	A211761X	TUBE,PUMP-IC,FRONT,ASM.	1
2	214340	COUPLING,RED 2-1.5	1
1	214120	BRACKET, CLIP SUPPORT	1
2	750122	BRACKET	1
1	168427C	CLAMP,2 DIA X.5 SCR	1
1	214553	BRACKET, TUBE SUPPORT	1
1	211761Z	TUBE,IC WATER OUT,FRONT	1
1	C208743	HOSE,FLEX,ASM.,45 IN LG	1
2	168003A	FITTING HOSE	2
1	214228W	ELBOW, INTERCOOLER WATER OUTLET	1
2	211999	FLANGE, IC INLET/OUTLET	1
1	214228Y	ELBOW, INTERCOOLER WATER INLET	1
2	211999	FLANGE, IC INLET/OUTLET	1
1	169874B	GASKET, IC INLET/OUTLET	2
1	168006A	UNION,STRT ADAPT,2	1
1	601874	STD, INTERCOOLER WATER CONNECTIONS	0
1	168825	ELB;FLEX.CPLG. 2.00" TUBE VITON	2
1	A214100M	TUBE,IC WATER OUT,ASM	1
2	209242M	COUPLING,HALF,.12	1
2	209242C	COUPLING,HALF,.50	2
2	209242A	COUPLING,HALF,.25	1
1	A214100L	TUBE,PUMP TO IC REAR,ASM	1
2	209242M	COUPLING,HALF,.12	1
2	209242A	COUPLING,HALF,.25	1
1	214099	COCK,DRAIN,.125 NPT	2
1	211755M	SUPPORT,IC WAT TUBE-REAR	1
1	154813N	U BOLT,.31-18X2.25X3.12	6
1	211755L	SUPPRT,IC WAT TUBE-INTER	1
1	208938G	SUPP BRKT,IC-OUT WAT TUBE	1
1	208706T	CPLG,FLXMAS,2.0 TUBE	2
1	21348	HXHDSCR .375-16 X 1	2
1	21352	HXHDSCR,.375-16X 1.25	2
1	21425	HXHDSCR,.50-13X1.00	2
1	21433	HXHDSCR,.50-13X1.75	6
1	21052	WASHER,MED LOCK .375	5
1	Y18813H	WASHER,FLAT .375	8
1	21189	NUT,HEX .375-16 UNC	3
1	Y18813K	WASHER,FLAT .500	3
1	21054	WASHER,MED LOCK .50	8
1	21205	NUT,HEX.,50-13 UNC	6
1	B277	WASHER,FLAT .3125	12

1	21051	WASHER,LOCK, .312 & M8	12
1	21181	NUT,HEX .312-18 UNC	12
1	48988H	PIPE, 2 X 2.00 TBE	1
1	78208P	TEE,PIPE 2.00,150#,IRON	1
1	74113	PLUG,PIPE,SQ HD 2.00	1
1	21350	HXHDSCR, .375-16X1.12 LG	1
1	28365	HXHDSCR, .50-13X1.75 LG	1
G-039-697 ROCKER ARM COVER 000001			
1	600804	ASM. DIAGRAM, ROCKER ARM COVER	0
1	204339A	COVER, VALVE	12
1	153994C	GASKET, VALVE COVER	12
1	28610	HXHDSCR, .38-16X6.75	48
1	Y18813H	WASHER,FLAT .375	48
G-041-1207 INT MANIFOLD 000001			
1	204241P	MANIFOLD, INTAKE	2
1	116861B	WASHER,NYL 1.78X2.25X.03	4
1	164560C	PLUG,1.75-16	2
1	28438	PLUG,SOCHDPIPE, .12,BRASS	2
1	28677	PLUG,PIPE,HXHD, .50	2
1	26750	PLUG,PIPE,HXHD .25	4
1	164560A	PLUG,1.75-16	2
1	153895A	GASKET, INTAKE MNFLD	12
1	21431	HXHDSCR, .50-13X1.50	48
1	21054	WASHER,MED LOCK .50	48
1	Y18813K	WASHER,FLAT .500	48
G-042-1310 EXHAUST MFLD 000001			
1	600155A	STANDARD, EXHAUST MANIFOLD	0
1	KA204342X	MANIFOLD,EXH,RB,ASM.	1
2	A204342X	MANIFOLD,EXHAUST,ASM.	5
3	204342X	MANIFOLD,EXH. W.C.	5
3	78283C	PLUG,PIPE,SOCHD,1.00,PLT	20
3	78212C	BUSHING,RED, .50X.25	5
2	199942	STRIP,INSULATION	4
2	168055	PILOT EXH MANIFOLD	4
2	168055A	PILOT EXH MANIFOLD	1
2	199942A	STRIP,INSULATION	1
2	41236E	CLAMP,HOSE 5.12-6.0	5
2	A204442E	MFLD.,EXH.,ASM.RB	1
3	204442E	MANIFOLD EXHAUST WC	1
3	78283C	PLUG,PIPE,SOCHD,1.00,PLT	6
3	78212C	BUSHING,RED, .50X.25	1
1	MA204342X	MANIFOLD,EXH,LB,ASM.	1
2	A204342X	MANIFOLD,EXHAUST,ASM.	5
3	204342X	MANIFOLD,EXH. W.C.	5
3	78283C	PLUG,PIPE,SOCHD,1.00,PLT	20
3	78212C	BUSHING,RED, .50X.25	5
2	199942	STRIP,INSULATION	4
2	168055	PILOT EXH MANIFOLD	4
2	168055A	PILOT EXH MANIFOLD	1
2	199942A	STRIP,INSULATION	1
2	41236E	CLAMP,HOSE 5.12-6.0	5
2	A204542E	MFLD,EXH,ASM LB	1
3	204542E	MANIFOLD,EXHAUST,WC	1
3	78283C	PLUG,PIPE,SOCHD,1.00,PLT	6
3	78212C	BUSHING,RED, .50X.25	1
1	169892J	ELBOW, WATER JUMPER	12
1	176883F	SEAL, RECTANGULAR MOLDED	12
1	176883E	RING,SEAL 2.00ID X .09WALL SQ.	12
1	21433	HXHDSCR, .50-13X1.75	24
1	21054	WASHER,MED LOCK .50	24

1	28782	SCR,FLNGD12PT.38-16X4.50	24
1	21052	WASHER,MED LOCK .375	24
1	26916	HXHDSCR,,50-13X8.50 LG	24
1	21519	HXHDSCR,,50-13X5.50 LG	24
1	153896C	GASKET, EXHAUST	12
1	Y18813K	WASHER,FLAT .500	4
1	169062	CAP MANIFOLD	2
1	26398A	HXHDSCR,,50-13X1.75 LG	4
1	B363	WASHER .52 ID X 1.00 OD X .108 THK. STEEL (HARDENE	48
G-045-1201 GEAR COVER 000001			
1	600730	GEAR HOUSING	0
1	S-07232-359	INSTRUCTIONS, FRONT END INSTALLATION	0
1	163212E	GASKET, GEAR HOUSING	1
1	39152	WASHER,SOCHDSCR LOCK,.50	2
1	28825	SOCHDSCR, .500-13 X 2.25 LG.	2
1	21054	WASHER,MED LOCK .50	28
1	A200054J	HOUSING, ASM., GEAR	1
2	78283B	PLUG, CTSKSQHD PIPE .75 NPT	2
2	200054J	HOUSING, GEAR	1
2	153610	SEAL, THERMOSTAT	2
2	211887A	THERMOSTAT,165 DEG. F.	1
2	211887	THERMOSTAT,160 DEG. F.	1
2	207202	SPRING	2
2	169869A	GASKET, BYPASS VALVE	1
2	207201	COVER, BY-PASS VALVE	2
2	21051	WASHER,LOCK,.312 & M8	10
2	21312	HXHDSCR,,3125-18 X.88	10
2	169875	PLUNGER,PRESS REG	1
2	169876A	SPRING PRESS REG	1
2	169878	SCRREGVL,,50-20X2.12	1
2	116861B	WASHER,NYL 1.78X2.25X.03	1
2	169877	PLUG PRESS REG VALVE	1
2	199083B	WASHER, NYLON .500	1
2	157635	NUTESTOP,,50-20	1
2	78283E	PLUG,PIPE,CTSKHD,1.5	6
1	44083	PIN,DOWEL,,50X1.12LG	4
1	21430	HXHDSCR,,50-13X1.38 LG	31
1	21054	WASHER,MED LOCK .50	14
1	A200245H	COVER,GEAR ASM.	1
2	200245H	COVER, GEAR	1
2	153097A	SEAL OIL	1
2	78283D	PLUG,PIPECTSKHD,1.25	1
1	163211E	GASKET, GEAR COVER	1
1	21442	HXHDSCR,,50-13X3.00 LG	6
1	21443	HXHDSCR,,50-13X3.25 LG	5
1	78283H	PLUG,PIPE,CTSKHD,2.0	1
G-047-157 EXHAUST OUTLET 000001			
1	601852A	STD, EXHAUST OUTLET	0
1	207824Y	TEE, EXHAUST OUTLET	1
1	239005B	ADAPTER, TURBINE OUTLET	2
1	168334S	CLAMP, V-BAND	2
1	207830B	BRACKET, SUPPORT	2
1	21054	WASHER,MED LOCK .50	8
1	207833A	BRACE,EXH OUTLET	2
1	21352	HXHDSCR,,375-16X 1.25	4
1	21052	WASHER,MED LOCK .375	8
1	21189	NUT,HEX .375-16 UNC	8
1	21425	HXHDSCR,,50-13X1.00	8
1	21354	HXHDSCR,,375-16X1.38 LG	4
1	Y18813H	WASHER,FLAT .375	4

G-048-13 EXH CONN 000001

1	199515G	CONN., FLEX EXHAUST	1
1	168334E	COUPLING, V-BAND	1

G-055-2403 OIL FILTER CENTRIFUGE 000001

1	199111K	ELBOW,MALE, .50 ODX.50NPT	1
1	153376A	GASKET	1
1	153375D	ELBOW, OIL FILTER	1
1	21052	WASHER,MED LOCK .375	5
1	29607	8HXHDSC, .38-16X1.50 LG	3
1	177487G	CLIP,1.0 DIA X.38 SCR	2
1	169013P	CLIP, .5 DIA X .38 SCR	2
1	21346	HXHDSCR, .375-16X.88 LG	2
1	Y18813H	WASHER,FLAT .375	4
1	21189	NUT,HEX .375-16 UNC	2
1	600390A	STD., CENTRIFUGE FM200	0
1	214656	FILTER, CENTRIFUGE	1
2	495793	PAPER INSERT	1
2	495793A	SEALS KIT	1
2	495793B	CUT OFF VALVE KIT	1
2	495793C	ROTOR COVER NUT	1
2	495793D	COVER NUT FIXING KIT	1
2	495793E	BAND CLAMP	1
1	290193	WASHER, FLAT M12	4
1	292010	HXHDSCR M12X40	4
1	214154	TUBE,OIL SUPPLY,MICROSPIN	1
1	B10168D	ELBOW,STREET, .5, BR	1
1	214428B	Pipe, .50 x 2.50 TBE - Sch 80	1
1	207585A	VALVE,BALL .50	1
1	194769H	CONN,MALE, .50 ODX.50 NPT	1

G-055-2416 LUBE FILTER, ENGINE MOUNTED 000001

1	600716	OIL FILTER BASE	0
1	B4388	STUD,GR5, .50X2.19 LG	10
1	A214248A	BASE ASM., OIL FILTERS	1
2	28697	PLUG,PIPE,HXHD 1.0	1
2	168681	BUSH,RED 1.25X.25	1
2	214248A	BASE, OIL FILTERS	1
2	78283D	PLUG,PIPECTSKHD,1.25	7
2	78283B	PLUG, CTSKSQHD PIPE .75 NPT	2
2	78283G	PLUG,PIPE,CTSKHD, .25	1
1	21054	WASHER,MED LOCK .50	18
1	21205	NUT,HEX, .50-13 UNC	14
1	194769L	CONN,MALE 1.0 OD X 1 NPT	2
1	214203U	TUBE, OIL FILTER DRAIN	1
1	207585C	VALVE,BALL 1.0	1
1	214203T	TUBE, OIL FILTER DRAIN	1
1	78212N	BUSHING,RED,1.25-1	1
1	214266	SUPPORT, OIL FILTER BASE	1
1	214266A	SUPPORT, OIL FILTER BASE	1
1	214263	SLEEVE,OIL TRANSFER	1
1	295389E	O-RING,1.75X2.00X.12,HNBR	2
1	211830K	O RING,3.75X4.00X.12,HNBR	3
1	48797L	BUSH,RED,1.50 X 1	1
1	199111G	ELBOW,MALE,1.0 ODX 1 NPT	2
1	Y18813H	WASHER,FLAT .375	4
1	21052	WASHER,MED LOCK .375	4
1	21348	HXHDSCR .375-16 X 1	4
1	Y18813K	WASHER,FLAT .500	12
1	21430	HXHDSCR, .50-13X1.38 LG	4
1	21431	HXHDSCR, .50-13X1.50	1
1	21428	HXHDSCR, .50-13X1.25 LG	3

1	176426	PIPE,.25X.88LG. TBE	1
1	78208A	TEE,PIPE .25,150#,IRON	1
1	214518	VALVE, OIL SAMPLING	1
1	78282W	PLUG,PIPE,SQ HD,.25	1
1	600716	OIL FILTER BASE	1
1	78212N	BUSHING,RED,1.25-1	1
G-055-2417 FILTERS, LUBE OIL 000001			
1	600717	OIL FILTERS (SPIN-ON)	0
1	306113A	ADAPTER,OIL FILTER	5
1	199395B	FILTER, LUBE OIL	5
G-057-1357 FLYWHEEL HOUSING 000001			
1	601908	FLYWHEEL HOUSING	0
1	200057V	HOUSING, FLYWHEEL FRONT	1
1	200157F	HOUSING, FLYWHEEL REAR, SAE N	1
1	21431	HXHDSR,.50-13X1.50	11
1	21054	WASHER,MED LOCK .50	11
1	44083	PIN,DOWEL,.50X1.12LG	2
1	21466	HXHDSR,.625-11X1.50 LG	14
1	21055	WASHER,LOCK,.625 & M16	14
1	B4203	PIN,DOWEL,.745X1.44	2
1	B420	COVER TIMING	1
1	B421	POINTER TIMING	1
1	21338	HXHDSR .375-16X.50	2
1	21052	WASHER,MED LOCK .375	2
G-060-2365 J W PUMP 000001			
1	159580	GASKET, WATER PUMP	1
1	200161B	COVER, WATER PUMP	1
1	153092B	GASKET, CAMSHAFT COVER	1
1	44944	STUD,GR5,.375X1.75 LG	10
1	154059E	BRACKET	1
2	750116	BRACKET	1
1	S-05761-77	INST DWG WATER CONN.	0
1	AH200960D	PUMP ASM., WATER	1
1	21273	HXHDSR .25-20X.625 LG	1
1	21173	NUT,HEX,.25-20 UNC	1
1	21050	WASHER, MED LOCK .250	1
1	21193	NUT,HEX .375-24 UNF	10
1	21052	WASHER,MED LOCK .375	18
1	176883D	RING,2.950 ID X .210 SQ	4
1	159624G	FLANGE	4
1	159624	FLANGE	1
1	159625C	CONNECTION WATER	1
1	21431	HXHDSR,.50-13X1.50	2
1	21435	HXHDSR,.50-13X 2.00	3
1	21437	HXHDSR .50-13X2.25	3
1	21439	HXHDSR .50-13X2.50	4
1	21054	WASHER,MED LOCK .50	10
1	Y18813K	WASHER,FLAT .500	9
1	21205	NUT,HEX,.50-13 UNC	6
1	153139C	GASKET	2
1	164464T	ELL, H2O PUMP OFFSET	1
1	164464U	ELBOW, WATER PUMP	1
1	26750	PLUG,PIPE,HXHD .25	2
1	C153645A	BRKT,IDLER PULLEY,ASM.	1
2	153645A	BRACKET,IDLER PULLEY	1
2	28272	SCRSOCCUP,.312-18X.38	2
2	159578C	PULLEY IDLER	1
2	161341	SEAL, OIL	1
2	161339	BALL BEARING	1
2	161340B	SHAFT IDLER PULLEY	1

2	117488X	RING, EXT.RET. 5100-137	1
2	44999Y	RING,INT.RET.-315	1
2	161345A	HOLE COVER	1
3	161345	HOLE COVER	1
2	65623	FITTING,GREASE,.125	1
2	111215	ELBOW,ALEMITE,.125	1
2	78116	TUBING,FLEX,.12X9 LG	1
1	A209617	BELT SET(2).88X65.5	1
1	167424	ELBOW LOW BY-PASS RH	1
1	167425	ELBOW LOW BY-PASS LH	1
1	167409A	GASKET, ELBOW BY-PASS	2
1	28269	SCR,FLNGD12PT.38-16X1.00	8
1	78283D	PLUG,PIPECTSKHD,1.25	2
1	S-07232-329	BELT ADJUST.INSTR., J.W.PUMP	0
1	Y18813G	WASHER,FLAT .25	1
G-061-378 TEMP CONTROL VALVE 000001			
1	208063H	VALVE,TEMP CONTROL	1
G-061-515 O.C. WATERPUMP (HI-CAPACITY) 000001			
1	169561A	PUMP,WATER	1
1	26997	SCRSOCCUP,.375-16X.62 LG	2
1	A169632E	BRACKET,ACC PUMP ASM	1
2	169632E	BRACKET,ACC PUMP LH	1
2	168290	BUSHING	2
1	21054	WASHER,MED LOCK .50	8
1	21205	NUT,HEX,.50-13 UNC	4
1	209151E	PIPE,1.50 X 3.75 TBE	1
1	78210R	ELBOW,RED,2.00-1.50	1
1	Y18813K	WASHER,FLAT .500	12
1	21428	HXHDSCR,.50-13X1.25 LG	4
1	E154971F	PULLEY,IDLER,ASM.	1
2	154971F	IDLER PULLEY	1
2	156738	BRG,IDLER PULLEY SHAFT	1
2	199763N	LEVER, IDLER	1
2	199765A	LEVER, ADJUSTING	1
2	199767H	SHAFT, IDLER	1
2	21004	KEY,WDRF 5,.12X.62	2
2	21052	WASHER,MED LOCK .375	2
2	21350	HXHDSCR,.375-16X1.12 LG	1
2	167160	RING, EXT.RET. 5160-75	1
2	21360	HXHDSCR .375-16X1.75	1
1	199770B	ROD,THD,.38-24X10 LG	1
1	209048	STUD,ANCHOR	1
1	157635	NUTESTOP,.50-20	1
1	B8921	NUTESTOP,.375-24X.469	2
1	21193	NUT,HEX .375-24 UNF	2
1	28532	NUTSTOPELA,.625-18X.75	1
1	Y18813M	WASHER,FLAT,.625 & M16	1
1	B7575	SPACER,.41X.5X.5LG	2
1	199766	PIVOT, ROD	1
1	B8677	BUSH,RED .25-.12	2
1	65623	FITTING,GREASE,.125	2
1	154981A	PIPE,.25 X 3.00 TBE	1
1	78209C	COUPLING,PIPE,.25	1
1	76400	COCK,DRAIN .25	1
1	27432V	PULLEY,ACC W.P.	1
1	21431	HXHDSCR,.50-13X1.50	4
1	78210H	ELBOW,RED,2.50-2.00	1
1	209805E	PIPE,2 X 4.25 TBE	1
1	Y18813H	WASHER,FLAT .375	6
1	21052	WASHER,MED LOCK .375	6

1	21189	NUT,HEX .375-16 UNC	4
1	21343	HXHDSCR .375-16X.75	2
1	21352	HXHDSCR,.375-16X 1.25	2
1	A76883C	PIPE ASSEMBLY	1
2	76883C	PIPE,2 X 4.00 TBE	1
2	78209F	COUPLING,PIPE, 3/4-14 NPSC	1
1	100907Z	PIPE, 2.50 X 2.50 TBE	1
1	118879C	FLANGE,125# 2.5 IN PIPE	1
1	208346P	PIPE,2 X 8.00 TBE	1
1	74176	ELBOW 2 IN X 45 DEG	1
1	168006A	UNION,STRT ADAPT,2	1
1	600461A	OIL COOLER WATER PUMP HI-CAPACITY) W/TEMP VALVE	0
1	A199868	BELT SET	1
1	954313	U BOLT,.38X2.5X3.25	1
1	209972B	BRACKET,SUPPORT	1
1	209973	SUPPORT,PIPE	1
1	C208743	HOSE,FLEX,ASM.,45 IN LG	1
2	168003A	FITTING HOSE	2
1	78116	TUBING,FLEX,.12X9 LG	1
G-064-626 WATER INLET 000001			
1	194769E	CONN,MALE,.25 ODX .25NPT	1
1	78212C	BUSHING,RED,.50X.25	1
1	AA167309R	HEADER ASM., WATER INLET	1
2	A167309R	HEADER ASM., WATER INLET	1
3	750646	WELDMENT, WATER INLET	1
4	750600	TUBE, KANBAN	2
4	41879B	COUPLING, HALF PIPE 1.00	2
4	750601	FLANGE, KANBAN	2
4	750602	FLANGE, KANBAN	2
4	750054	BOSS, 1.00" OD X 1.25" LG, .375-16UNC	2
2	207379F	GASKET,SELF CENTER 6 IN. PIPE	1
2	208293E	FLANGE, STL.BLD.PIPE	1
2	21490	HXHDSCR,.75-10X2.75 LG	8
2	21047	WASHER,LOCK,.75	8
2	21229	NUT,HEX,.75-10 UNC	8
2	78212J	BUSH,RED,1.00-.25	1
2	78212K	BUSH,RED,1.00X.375	1
2	73413A	COCK,DRAIN,.375	1
1	F153280B	ELBOW ASM., WATER INLET R.B.	1
2	750603	FLANGE, KANBAN	1
2	750645	U TUBE, 4.00"	1
2	750054	BOSS, 1.00" OD X 1.25" LG, .375-16UNC	1
1	214307	GASKET	2
1	DA153280B	ELBOW ASM., WATER INLET L.B.	1
2	750603	FLANGE, KANBAN	1
2	750645	U TUBE, 4.00"	1
2	750054	BOSS, 1.00" OD X 1.25" LG, .375-16UNC	1
1	21431	HXHDSCR,.50-13X1.50	8
1	21054	WASHER,MED LOCK .50	8
1	214711C	CPLG,38DRESS,3.5PIPE, SEAL (EPDM)	2
1	199111J	ELBOW,MALE .25 X .25 NPT	1
1	211895V	TUBE, VENT	1
1	214038H	STRAP, WATER HEADER SUPPORT	2
1	21392	HXHDSCR,.4375-14 X 1 LG	4
1	21053	WASHER,MED LOCK,.4375	4
1	Y18813J	WASHER,FLAT .4375	4
G-068-296 PRELUBE PUMP 000001			
1	208478E	PUMP, PRELUBE	1
1	194769L	CONN,MALE 1.0 OD X 1 NPT	1
1	199111G	ELBOW,MALE,1.0 ODX 1 NPT	1

1	209927D	PIPE,1.0X1.50,SCH 80 TBE	1
1	21052	WASHER,MED LOCK .375	4
1	21354	HXHDSCR,.375-16X1.38 LG	1
1	Y18813H	WASHER,FLAT .375	4
1	78208J	TEE,PIPE,1.00,150#,IRON	1
1	28697	PLUG,PIPE,HXHD 1.0	1
1	21360	HXHDSCR .375-16X1.75	3
1	153462P	STRAINER,OIL	1
1	74113	PLUG,PIPE,SQ HD 2.00	1
1	48797M	BUSH,RED,2.0-1.0	1
1	48988H	PIPE, 2 X 2.00 TBE	1
1	78208P	TEE,PIPE 2.00,150#,IRON	1
1	78209G	COUPLING,PIPE,1.00	1
1	78282F	PLUG,PIPE HXHD,.75	1
1	209927	PIPE,1 NPTX2.00 SCH80	1
1	600911	PRELUBE PUMP	0
1	S-05613-285	INSTR,PRELUBE CHK VALVE	0
1	177053D	VALVE,CHECK CARTRDG TYPE	1
1	211596Z	TUBE, OIL SUCTION	1
1	214346H	TUBE,PRELUBE PUMP-ENGINE UPPE	1
1	214346J	TUBE,PRELUBE PUMP-ENGINE LOWE	1
2	153125M	FLANGE, 1IN OD TBE W/O GROOVE	1
1	28763	SPRING, WAVE	1
1	153127B	GASKET, FLANGE	1
1	214318	SUPPORT, PRELUBE TUBE	1
1	177487G	CLIP,1.0 DIA X.38 SCR	1
1	21190	NUT,HEX,.38-16 UNC	1
1	21349	HXHDSCR,.375-16X1.00 LG	1
1	21352	HXHDSCR,.375-16X 1.25	2
1	199108E	UNION,TUBE 1.0 ODX1.0 OD	1
1	29609	8HXHDSCR. .38-16 X 1.75 LG.	1
G-070-1985 CASE BREATHER, DEEP SUMP 000001			
1	601909	STD., CASE BREATHER	0
1	S-07232-438	INSTRUCTIONS, BREATHER INSULATION INSTALL	0
1	214464	SEPARATOR, BREATHER	1
2	495671	KIT, ELEMENT	1
2	495671A	KIT, CANISTER SERVICE	1
1	214465	VALVE, REGULATOR, CRANKCASE PRESSURE	1
2	495672	KIT, DIAPHRAM	1
1	214466	GASKET, BREATHER	3
1	214519	INSULATION, BREATHER SEPERATOR	1
1	307098A	ELBOW, HOSE, 1.5" ID	2
1	166420B	SEPARATOR, OIL	1
1	168373B	GASKET, BREATHER	2
1	214452	BRACKET, BREATHER, CROSS	1
1	214455	TUBE, BREATHER OUTLET, LB	1
1	214456	BRACE, TUBE, BREATHER INLET	1
1	214457	BRACE, TUBE, BREATHER OUTLET	1
1	214461	HEAT SHIELD, BREATHER, L.B.	1
1	214450A	BRACKET, BREATHER, L.B.	1
2	750623	Guard, Fabricated	1
2	750624	Rod, Fabricated	2
1	214451A	BRACKET, BREATHER, R.B.	1
1	214455A	TUBE, BREATHER OUTLET, RB	1
1	214461A	HEAT SHIELD, BREATHER, R.B.	1
1	207929H	ELBOW, HOSE, 3" ID	1
1	41236K	CLAMP,HOSE 2.56-3.5	2
1	41236T	CLAMP,HOSE 1.31-2.25	8
1	A208816R	TUBE ASSEMBLY, INLET, BREATHER	1
2	208115	TRANSITION, TUBE	1

1	A214453	CONNECTION, INLET, BREATHER	1
2	214497A	FLANGE, BREATHER, 3 IN TUBE	1
1	A214454	CONNECTION, OUTLET, BREATHER	1
2	214497	FLANGE, BREATHER, 3 IN PIPE	1
2	296600C	PIPE, 3 IN SCH 40 X 2.12 PLN	1
1	B7780	HOSE,1.5IDX1.88X3.12	2
1	21050	WASHER, MED LOCK .250	23
1	21052	WASHER,MED LOCK .375	30
1	21054	WASHER,MED LOCK .50	5
1	21173	NUT,HEX,.25-20 UNC	4
1	21189	NUT,HEX .375-16 UNC	12
1	21273	HXHDSCR .25-20X.625 LG	4
1	21278	HXHDSCR,.25-20X.88 LG	5
1	21280	HXHDSCR,.25-20UNCX1	10
1	21343	HXHDSCR .375-16X.75	1
1	21348	HXHDSCR .375-16 X 1	10
1	21360	HXHDSCR .375-16X1.75	7
1	21367	HXHDSCR,.375-16X2.75 LG	1
1	21369	HXHDSCR,.375-16 X 3	1
1	21431	HXHDSCR,.50-13X1.50	4
1	28468	SCR,FLNGD12PT.38-16X1.25	2
1	169760C	U BOLT,.38-16X3.12X4.50	2
1	207314U	CLIP, 1.5 DIA X .75	2
1	63809B	SPACER,.406X.75X1.75LG	2
1	955767A	U BOLT,.25X1.75X2.88	2
1	Y18813G	WASHER,FLAT .25	8
1	Y18813H	WASHER,FLAT .375	31
1	Y18813K	WASHER,FLAT .500	5
1	214690	TUBE, BREATHER OIL DRAIN, DEEP	1
1	214449	CONNECTOR, 1.00 HOSE X 1-11.5 NPT	3
1	154909E	PIPE,1 X 1.50 TBE	1
1	156361F	VALVE, CHECK, 1.5" NPT	1
1	177487G	CLIP,1.0 DIA X.38 SCR	3
1	199111G	ELBOW,MALE,1.0 ODX 1 NPT	1
1	209561H	SUPPORT, CLIP	1
1	214321A	STRAP, TUBE SUPPORT	1
1	214499A	HOSE, 1 ID X 7.88 LG	2
1	41236G	CLAMP,HOSE .81-1.75	4
1	78215A	PIPE,1 X 4.00 TBE	1
1	21357	HXHDSCR .375-16X1.50	1
1	21362	HXHDSCR,.375-16 X 2	1
1	21433	HXHDSCR,.50-13X1.75	1
1	119977	SPACER,.41X.75X.25LG	1
1	954313	U BOLT,.38X2.5X3.25	1
1	63809V	SPACER,.41X.75X1.4LG	1
1	78204E	ELBOW,PIPE,1.00	2
G-071-90 OIL FILLER, DEEP SUMP 000001			
1	601899	OIL FILLER, DEEP SUMP	0
1	207066J	BRACKET, OIL FILLER MOUNTING	1
1	A208346E	PIPE ASSEMBLY	1
2	208346E	PIPE,2 X 6.75 TBE	1
2	41879B	COUPLING, HALF PIPE 1.00	1
1	168597	CAP,OIL FILLER 2.00 NPT	1
1	63722M	CROSS,2.00 PIPE	1
1	78208P	TEE,PIPE 2.00,150#,IRON	1
1	76883V	PIPE,2 X 12.50 TBE	1
1	48988H	PIPE, 2 X 2.00 TBE	1
1	28697	PLUG,PIPE,HXHD 1.0	1
1	74113	PLUG,PIPE,SQ HD 2.00	3
1	954313	U BOLT,.38X2.5X3.25	1

1	21433	HXHDSCR,,50-13X1.75	2
1	21189	NUT,HEX .375-16 UNC	2
1	21108	RDHDSCR 10-32 X .38	1
1	Y18813H	WASHER,FLAT .375	2
1	21052	WASHER,MED LOCK .375	2
1	21054	WASHER,MED LOCK .50	2
G-072-696 BUTTERFLY VALVE HOUSING 000001			
1	156476C	SHAFT REGULATING	1
1	153271	SPIDER UNIV JOINT (.635" REAM	4
1	153272A	DISC UNIV JOINT	2
1	21306	HXHDSCR .312-18X.50	8
1	21315	HXHDSCR,,3125-18X1.25	4
1	21609	WASHER,,31 SHPRF EX LOCK	12
1	26786	PIN,ROLL,.12X1.12 LG	4
1	600581	STD., BFLY VALV HSG & CARB	0
1	F204072A	VALVE,BUTTERFLY,R.H.,ASM.	1
2	204072A	HSG BUTTERFLY R H	1
2	168290B	BUSHING,,.62NOMX .5LG	2
2	168510	SHAFT B V	1
2	153990A	SEAL OIL	2
2	119060K	VALVE, BUTTERFLY	1
2	26012	RDHDSCR,10-32X.50 LG	2
2	26938	SHPR EXT-INT LW,#10	2
2	208564T	LEVER, THROTTLE	1
2	21282	HXHDSCR,,25-20X1.12 LG	1
2	21050	WASHER, MED LOCK .250	1
2	26745	PIN,ROLL,.12X1.00 LG	1
1	E204072	HSG.,BFLY.VALVE	1
2	204072	HSG BUTTERFLY L H	1
2	119060K	VALVE, BUTTERFLY	1
2	168290B	BUSHING,,.62NOMX .5LG	2
2	153990A	SEAL OIL	2
2	168510	SHAFT B V	1
2	26012	RDHDSCR,10-32X.50 LG	2
2	26938	SHPR EXT-INT LW,#10	2
2	153267C	LEVER,CROSS SHAFT	1
2	21315	HXHDSCR,,3125-18X1.25	1
2	21051	WASHER,LOCK,,312 & M8	1
2	26786	PIN,ROLL,.12X1.12 LG	1
1	119035E	GASKET, BUTTERFLY VALVE HSG.	2
1	21430	HXHDSCR,,50-13X1.38 LG	8
1	21435	HXHDSCR,,50-13X 2.00	8
1	Y18813K	WASHER,FLAT .500	8
1	21054	WASHER,MED LOCK .50	16
1	21205	NUT,HEX,,50-13 UNC	8
1	168899	COVER CROSS SHAFT	2
1	Y18813H	WASHER,FLAT .375	4
1	21052	WASHER,MED LOCK .375	4
1	21343	HXHDSCR .375-16X.75	4
G-077-936 WATER, MANIFOLD 000001			
1	601665	WATER MANIFOLD	0
1	AK204677	MANIFOLD, WATER, ASM.	1
2	K204677	MANIFOLD, TOP WATER	1
3	750619	Weldment, Manifold	1
4	750303	J- MANIFOLD, RECTTUBE	1
4	750643	TUBE	1
4	209242G	COUPLING,HALF,1.50	1
4	209242D	COUPLING,HALF,,.75	4
4	209242C	COUPLING,HALF,,.50	3
4	41879F	COUPLING,HALF 2.00	1

4	209242F	COUPLING,HALF,1.25	2
4	209242A	COUPLING,HALF,.25	1
4	750626	MANIFOLD, WATER MACH. PARTS	1
5	750246	BLANK, BLOCK	1
4	750142	K-MANIFOLD, LASER KIT	1
4	750143	BRACKET, J204677	1
3	78282H	PLUG,PIPE,SQ HD,1.25	2
3	78282F	PLUG,PIPE HXHD,.75	3
3	28677	PLUG,PIPE,HXHD,.50	3
3	168681K	BUSH,RED 2X.38	1
3	B6280	BUSH,RED,.75X.375	1
3	78282J	PLUG,PIPE,SQ HD,1.5	1
3	26750	PLUG,PIPE,HXHD .25	1
2	208706T	CPLG,FLXMAS,2.0 TUBE	12
2	208936	ELBOW,WATER OUTLET	12
2	176586	GASKET	12
2	208938D	BRKT,WATER MFLD-RIGHT REAR	1
2	Y18813K	WASHER,FLAT .500	4
2	21054	WASHER,MED LOCK .50	6
2	21428	HXHDSCR,,50-13X1.25 LG	4
2	208938F	SUPPORT,MNFLD,LEFT REAR	1
2	208943A	GASKET	2
2	A204478	HSG,THERMOSTAT ASM.	1
3	204478	HOUSING,THERMOSTAT	1
3	153610	SEAL, THERMOSTAT	6
2	73413A	COCK,DRAIN,.375	4
2	211887B	THERMOSTAT,170 DEG. F.	5
2	211887A	THERMOSTAT,165 DEG. F.	1
2	208939A	GASKET	1
2	28785	SHOULDRSCR,SOCHD,.62X.62	1
2	169576B	WASHER, BELLEVILLE SP	2
2	21052	WASHER,MED LOCK .375	10
2	21350	HXHDSCR,,375-16X1.12 LG	10
2	208938J	BRKT,WATER MFLD CONN	1
2	26932	NUT,FLEXLOC,.50-13 THIN	1
2	26743	PLUG,PIPE,HXHD,.125	1
2	78283J	PLUG,SOCHDPIPE,.50,PLTD	4
2	21423	HXHDSCR,,50-13X.88 LG	2
2	214308	GASKET	1
2	208952	COVER PLATE	1
1	21054	WASHER,MED LOCK .50	8
1	Y18813K	WASHER,FLAT .500	8
1	21425	HXHDSCR,,50-13X1.00	8
1	21052	WASHER,MED LOCK .375	48
1	21350	HXHDSCR,,375-16X1.12 LG	48
G-078-116 THERMOSTAT HOUSING 000001			
1	600411	STD.,THERMOSTAT HOUSING	0
1	208816L	TUBE,WATER BYPASS UPR RH	1
2	750613	FLANGE, KANBAN	1
2	750066	TUBE, WATER BYPASS	1
1	208816M	TUBE,WATER BYPASS UPR LH	1
2	750613	FLANGE, KANBAN	1
2	750066	TUBE, WATER BYPASS	1
1	208816N	TUBE,WATER BYPASS LOW RH	1
2	750060	FLANGE, MACHINED	1
2	750067	TUBE, WATER BYPASS	1
1	167392A	GASKET	2
1	21428	HXHDSCR,,50-13X1.25 LG	8
1	208816P	TUBE,WATER BYPASS LOW LH	1
2	750060	FLANGE, MACHINED	1

2	750068	TUBE, WATER BYPASS	1
1	21054	WASHER,MED LOCK .50	12
1	159991P	CPLNG,38 DRESSER 3 IN TUBE	2
1	28253	SCR,FLNGD12PT.50-13X1.50	4
G-080-1295 ENG OIL PUMP 000001			
1	CA200380	PUMP ASM., OIL, VHP	1
2	A200380	BODY,OIL PUMP,ASM	1
3	200380	BODY, OIL PUMP	1
3	63970D	BUSHING,O.P.DR.SHAFT	2
2	21350	HXHDSCR,,375-16X1.12 LG	14
2	21052	WASHER,MED LOCK .375	14
2	26807	PIN,ROLL,,38X.81 LG	2
2	X200282E	COVER,OIL PUMP,ASM.	1
3	117496B	BUSHING,O.P.DR.SHAFT	2
3	200282E	COVER, OIL PUMP	1
2	A200184C	SHAFT,OIL PUMP,ASM.	2
3	200184C	SHAFT,OIL PUMP DRIVE	2
3	200281B	GEAR,OIL PUMP DRIVER	2
2	200083B	SHAFT,OIL PUMP (IDLER)	2
2	A200185B	GEAR,O.P.ASM.-DRIVEN	2
3	200185B	GEAR,OIL PUMP DRIVEN	2
3	153053	BUSHING,OIL PUMP GEAR	4
2	153050D	GASKET, OIL PUMP COVER	1
2	21013B	KEY,WDRF, 16,.188X1.12 LG	2
2	200251C	GEAR OIL PUMP DRIVE	1
2	200351A	GEAR OIL PUMP SCAV	1
2	156304	SLEEVE RELIEF VALVE	1
2	156303	PLUNGER RELIEF VALVE	1
2	199083C	WASHR,NYLON 1.66X2.5X.06	1
2	153058	NUTRVLOK,1.62-16X.50	1
2	27261P	SPRING,OIL PUMP REL VLVE	1
2	156305B	SCRRVL,1.62-16X3.62 LG	1
1	153061C	GASKET, OIL PUMP	1
1	B2984	STUD,GR8,.50X1.94 LG	10
1	21209	NUT,HEX,,.50-20	10
1	21054	WASHER,MED LOCK .50	10
1	B2223	PIN,DOWEL .375X.81LG	2
1	211514	MANIFOLD,LUBE OIL PUMP	1
1	153127B	GASKET, FLANGE	2
1	21352	HXHDSCR,,375-16X 1.25	2
1	21371	HXHDSCR,,375-16X3.50 LG	2
1	28677	PLUG,PIPE,HXHD,.50	2
1	S-08768-3	SCHEMATIC, LUBE OIL	1
G-085-198 AIR/FUEL CONTROL - GSI 000001			
1	214568	PIPE ASM., GAS SUPPLY	2
2	176374D	PIPE,2 X 6.25 TOE	2
2	41879A	COUPLING, HALF .50	2
1	158709J	PIPE,2 X 3.50 TBE	2
1	168439C	ELBOW,RED,2-1.5,SPEC	2
2	78210R	ELBOW,RED,2.00-1.50	2
1	214562	FLANGE ASM., AFR VALVE	2
2	211869D	PIPE, 2 X 3.75 TOE	2
1	291598A	GASKET, SQUARE	4
1	214560	VALVE, INTEGRATED ACTUATOR	2
1	214561	FLANGE ASM., AFR VALVE	2
1	161592E	ELB,65 DRESS,2 PIPE	2
1	85761U	PIPE,1.50X1.75 TBE	2
1	78204H	ELBOW,PIPE, 2.00	2
1	21317	HXHDSCR,,312-18X1.50	16
1	21051	WASHER,LOCK,,312 & M8	16

1	21181	NUT,HEX .312-18 UNC	16
1	26743	PLUG,PIPE,HXHD,.125	4
1	A740132	ASSEMBLY, WIDEBAND OXYGEN SEN	2
2	740132	SENSOR, OXYGEN, WIDEBAND	2
2	740057	LABEL, WIDEBAND OXYGEN SENSOR	2
1	28841	HXHDSCR, SERR. FLANGE, #10-32	2
1	740122C	ADAPTER, RTD SENSOR	2
1	A740121C	SENSOR ASM., TEMP. RTD CSA	2
2	740121C	SENSOR, TEMP. RTD	2
1	A740130A	ASSEMBLY, SENSOR, HUMIDITY, T	1
2	740130A	SENSOR, HUMIDITY, PRESSURE, T	1
2	740043Z	LABEL, CSA	1
1	601888	AFR	0
G-095-1331 CRANKSHAFT PULLEY 000001			
1	601901	STD., CRANKSHAFT PULLEY/DAMPER	0
1	199331G	NBL., DAMPER, VIBRATION (24 IN.)	1
1	200695S	PULLEY, CRANKSHAFT	1
1	153161B	SLEEVE, FAN PULLEY	1
1	153160E	SPACER,CSHFT PULLEY REAR	1
1	153163E	SPACER, CRANKSHAFT PULLEY	1
1	153162C	PLATE, CRANKSHAFT END	1
1	214160A	SPACER	3
1	B931B	WASHER	3
1	28796	8HXHDSCR,,875-14X3.50 LG.	3
1	118013Z	O RING,4.25X4.50X.12,NITRILE	1
1	B355	WASHER,,52X.88X.09 HARDEN	10
G-097-69 SAFETY LABELS 000001			
1	211782A	BRACKET, SAFETY LABEL	2
1	Y18813H	WASHER,FLAT .375	2
1	21343	HXHDSCR .375-16X.75	2
1	214598	LABEL, CAUTION, PPE PROTECTIO	2
1	214641	LABEL, INFORMATION, ENGINE LI	1
1	207147V	LABEL, INSTRUCTION BALL BEARI	3
1	207147W	LABEL, INSTRUCTION DRAIN	13
1	207147X	LABEL, INSTRUCTION, GUARDING	2
1	207147Y	LABEL, INSTRUCTION, LIFTING	4
1	214714	LABEL, VHP, 50 YEARS	2
1	214598C	LABEL, WARNING, SAFETY GUARDS	1
1	214598D	LABEL, WARNING, BARRING DEVIC	1
1	214598E	LABEL, WARNING, GAS PRESSURE,	2
1	214598F	LABEL, WARNING, SYMBOL ONLY,	1
1	214598G	LABEL, CAUTION, VALVE POSITIO	1
1	214598K	TAG, CAUTION, VOLTAGE DISCONN	1
1	214598X	LABEL, INFORMATION, DO NOT PO	1
1	214598Y	LABEL, WARNING, HOT SURFACE (4
1	S-07232-480	INSTRUCTIONS, LABEL LOCATIONS	0
1	295448	NYLON TIE	1
G-097-75 CSA & HAZARDOUS LOCATION, LABELS 000001			
1	214641B	LABEL, WARNING, EXPLOSION HAZ	2
G-102-12 BARRING DEVICE 000001			
1	C151814B	PINION BARRING ASM	1
2	151813	SHAFT ENGINE BRG	1
2	B3979	SPRING	1
2	151814B	BEARING BARRING SHFT	1
2	151815	GEAR ENGINE BARR PIN	1
2	26594	PIN,ROLL,.25X1.50 LG	1
1	21465	HXHDSCR,,625-11X1.25	3
1	21055	WASHER,LOCK,,625 & M16	3
G-208-2919 STD, AIR CLEANER (TWO STARTERS) 000001			
1	601863A	STD, AIR CLEANER (FOR TWO STARTERS)	0

1	AA214595	ASM., AIR CLEANER, L.B.	1
2	A214595	DUCT, LH AIR CLEANER	1
3	214594	BRACE, AIR DUCT	1
3	78282J	PLUG,PIPE,SQ HD,1.5	1
3	750027	BRACKET	1
3	750028	BRACKET	1
3	750064	HOOK, LIFTING AIR DUCTS	1
3	199367B	TUBE,AIR	1
3	154579C	NUT,WELD,.38-16X.23	2
3	951163	COUPLING,HALF .125 NPT	1
3	154579A	NUT,WELD,.25-20X.17	6
3	211014B	BRACE, AIR CLEANER	1
3	209242B	COUPLING,HALF,.38	1
3	214593A	BLOCK, THREADED	1
3	A214591	HINGE, AIR DUCT	2
4	214329A	HXHDSCR GR 5 .500-13 FULL THR'D 3.75 LG	6
4	750650	HINGE, SHAFT	2
3	214455R	TUBE, AIR DUCT	1
3	209242C	COUPLING,HALF,.50	1
2	214275A	FILTER, AIR CLEANER 3 IN	1
2	214651	COVER, AIR CLEANER	1
2	28879	NUT, BEVELED FLANGE LOCK, .50-13, ZINC	12
2	21208	NUT,HEX,.50-13,ZINC	6
2	164182A	GASKET	1
2	164181B	COVER, BREATHER TUBE SUPPORT	1
2	21050	WASHER, MED LOCK .250	6
2	21273	HXHDSCR .25-20X.625 LG	6
2	153790	ELEMENT, RESTRICTOR	1
2	153789	INDICATOR, RESTRICTION	1
2	208349D	ELEMENT, PRECLEANER	1
1	AA214594	ASM., AIR CLEANER R.H.	1
2	A214594	DUCT, RH AIR CLEANER	1
3	78282J	PLUG,PIPE,SQ HD,1.5	1
3	750028	BRACKET	1
3	750027	BRACKET	1
3	750064	HOOK, LIFTING AIR DUCTS	1
3	214594	BRACE, AIR DUCT	1
3	199367B	TUBE,AIR	1
3	750625	FLANGE, MACHINED	1
3	211014B	BRACE, AIR CLEANER	1
3	154579C	NUT,WELD,.38-16X.23	2
3	154579A	NUT,WELD,.25-20X.17	6
3	951163	COUPLING,HALF .125 NPT	1
3	209242C	COUPLING,HALF,.50	1
3	A214591	HINGE, AIR DUCT	2
4	214329A	HXHDSCR GR 5 .500-13 FULL THR'D 3.75 LG	6
4	750650	HINGE, SHAFT	2
3	214593A	BLOCK, THREADED	1
3	214455R	TUBE, AIR DUCT	1
2	214275A	FILTER, AIR CLEANER 3 IN	1
2	214651	COVER, AIR CLEANER	1
2	28879	NUT, BEVELED FLANGE LOCK, .50-13, ZINC	12
2	21208	NUT,HEX,.50-13,ZINC	6
2	164182A	GASKET	1
2	164181B	COVER, BREATHER TUBE SUPPORT	1
2	21050	WASHER, MED LOCK .250	6
2	21273	HXHDSCR .25-20X.625 LG	6
2	153790	ELEMENT, RESTRICTOR	1
2	153789	INDICATOR, RESTRICTION	1
2	208349D	ELEMENT, PRECLEANER	1

1	208377C	BRACKET, AIR CLEANER	1
1	208378B	BRACKET, AIR CLEANER	1
1	209577V	BRACE, AIR CLEANER SUPPORT (R.H.)	1
1	209577W	BRACE, AIR CLEANER SUPPORT (L.H.)	1
1	168318L	BRACE, AIR CLEANER	2
1	168319B	BRACE, AIR FILTER	2
1	208166J	BRACE, AIR CLEANER L.H.	1
1	208166H	BRACE, AIR CLEANER R.H.	1
1	209933B	HOSE, HUMP	2
1	41236E	CLAMP,HOSE 5.12-6.0	2
1	41236P	CLAMP,HOSE 4.62-5.5	2
1	151808	SPACER,,.56X1X.38 LG	1
1	21052	WASHER,MED LOCK .375	26
1	21054	WASHER,MED LOCK .50	2
1	Y18813H	WASHER,FLAT .375	30
1	Y18813K	WASHER,FLAT .500	2
1	21343	HXHDSCR .375-16X.75	4
1	21348	HXHDSCR .375-16 X 1	8
1	21350	HXHDSCR,.375-16X1.12 LG	8
1	21352	HXHDSCR,.375-16X 1.25	2
1	21354	HXHDSCR,.375-16X1.38 LG	4
1	21435	HXHDSCR,.50-13X 2.00	1
1	21437	HXHDSCR .50-13X2.25	1
1	21189	NUT,HEX .375-16 UNC	10
1	28543	PLUG,PIPE,HXHD .375	1
G-223-980 GUARD FRONT PULLEY 000001			
1	600718A	CSA ALT SYSTEM,ESM	0
1	B2861F	SPACER,,.53X1X3 LG	1
1	A199800	GUARD, BELT, RH LOWER	1
1	B2861F	SPACER,,.53X1X3 LG	1
1	21448	HXHDSCR,.50-13X4.50	2
1	28470	HXHDSCR,SERR.FLG,.31-18X.62 LG	41
1	D199801	GUARD, BELT, RH UPPER	1
2	154579B	NUT,WELD,.312-18X.22	6
1	C199804D	GUARD, BELT, LH UPPER	1
1	A199802	GUARD, BELT, ENG WP	1
2	154579B	NUT,WELD,.312-18X.22	5
1	A199803	GUARD, BELT, ENG WP	1
2	154579B	NUT,WELD,.312-18X.22	3
1	199764A	BRACKET,GUARD	1
1	A214253	GUARD,REAR,ALT/AUX WP	1
2	154579B	NUT,WELD,.312-18X.22	4
1	A199806U	GUARD,FRONT,ALT/AUX WP	1
2	154579B	NUT,WELD,.312-18X.22	3
1	199769N	BRACKET, GUARD	1
1	199769K	BRACKET, GUARD	1
1	A199769P	BRACKET, GUARD	1
1	21428	HXHDSCR,.50-13X1.25 LG	1
1	21054	WASHER,MED LOCK .50	2
1	Y18813K	WASHER,FLAT .500	2
1	21425	HXHDSCR,.50-13X1.00	1
1	A199807	GUARD, BELT, FRONT	2
2	154579B	NUT,WELD,.312-18X.22	8
1	600718A	CSA ALT SYSTEM,ESM	0
G-223-1008 GUARD, STUB SHAFT (VHP 6/12 CYL) 000001			
1	194936F	GUARD, STUB SHAFT (VHP 6 & 12 CYL)	1
1	28470	HXHDSCR,SERR.FLG,31-18X.62 LG	8
1	601851	GUARD ASSEMBLY, STUB SHAFT (VHP 6/12 CYL)	0
G-230-567 JUNCTION BOX 000001			
1	S-07232-301	VHP EXT.WIRE HARNESS ASM.GUIDE	1

1	A214345	CABLE, GROUND	1
2	214345	CABLE, GROUND	1
3	448123	WIRE SINGLE COND	6
2	740039C	CORD GRIP	1
2	209611	SEAL,COND CONN, .375-.50	1
2	106043	LOCKNUT,CONDUIT .50	1
2	Y18983	TERMINAL,WIRE #6AWG, .38 IN CS	1
2	Y18983D	TERMINAL,WIRE #6AWG, 1/2 IN CS	1
2	207856C	TUBING,HEAT SHRINKABLE, .400"x3"LG.	1
1	21273	HXHDSCR .25-20X.625 LG	4
1	214118A	STUD, .500-20X3.00 LG	1
1	26710	NUT,STSTHEX, .50-20	1
1	26948	NUT,STSTJAMHX, .50-20	1
1	Y18813K	WASHER,FLAT .500	4
1	21054	WASHER,MED LOCK .50	4
1	21425	HXHDSCR, .50-13X1.00	4
1	169013L	CLIP, .38 DIA X.5 SCR	4
1	21050	WASHER, MED LOCK .250	4
1	Y18813G	WASHER,FLAT .25	4
1	A741225	JUNCTION BOX ASSEMBLY, POWER DISTRIBUTION	1
2	741225	BOX, POWER DISTRIBUTION	1
2	740913B	LABEL,CSA, PWR DIST JBOX	1
1	601889	POWER DISTRIBUTION BOX	0
G-236-103 BATTERY BOX 000001			
1	CA214124	BOX, BATTERY & CABLE,ASM.	1
2	740273	CABLE,PWR,ALT-JUNC-BOX	1
2	740274	CABLE,GND,ALT-JUNC-BOX	1
2	741228	CABLE, NEGATIVE, POWER DIST. BOX TO BATTERY	1
2	740280	CABLE, PWR, JUMPER	1
2	A214124	BOX,BATTERY,ASM	1
3	214124	BOX,BATTERY	1
3	214121	SWITCH, BATTERY DISCONNECT	1
3	740279	CABLE, PWR, DISC-SW	1
3	740275	CABLE,PWR JUNCTION BOX	1
1	S-08685-15	ESM BATTERY WIRING DIAGRAM	1
G-253-235 ENG CONTROL VALVE 000001			
1	209270G	BRKT,START/PRELUBE CONTROL VLV	1
1	21469	HXHDSCR, .625-11X2.00 LG	2
1	21055	WASHER,LOCK, .625 & M16	2
1	26030	SOCHDSCR, .25-20X.50 LG	2
1	39148	WASHER,SOCHDSCR LOCK, .25	2
1	39149	WASHER,SOCHDSCR LOCK, .31	2
1	169013N	CLIP, .44 DIA X.5 SCR	4
1	21423	HXHDSCR, .50-13X.88 LG	4
1	Y18813K	WASHER,FLAT .500	4
1	21054	WASHER,MED LOCK .50	6
1	B211194J	ASM, VALVE 3-WAY N.C. SOLENOID	1
1	209672B	MUFFLER/VENT,EXH, .25	3
1	E211194H	ASSEMBLY, SOLENOID VAVLE	1
1	26467	SOCHDSCR, .3125-18X.62 LG.	2
1	209672C	MUFFLER/VENT,EXH, .50	1
1	169013X	CLIP, .69 DIA X.5 SCR	2
1	21425	HXHDSCR, .50-13X1.00	2
1	955204P	NP START	1
1	214096	NAMEPLATE,PRELUBE MOTOR	1
1	21766	PKRDHDSCR #4X.188	4
1	214598N	LABEL, WARNING, GAS VENTING, REF. MANUAL	1
G-258-200 STU 000001			
1	214588	BRACKET, STU	1
1	741210	HARNESS, STU THC	1

1	741219	SMART THERMOCOUPLE UNIT (STU)	1
1	21280	HXHDSCR,.25-20UNCX1	4
1	21173	NUT,HEX,.25-20 UNC	4
1	21050	WASHER, MED LOCK .250	4
1	21428	HXHDSCR,.50-13X1.25 LG	2
1	21054	WASHER,MED LOCK .50	2
1	21205	NUT,HEX,.50-13 UNC	2
1	601890	STU MODULE	0
1	741211	HARNESS, STU	1
G-258-201 EXHAUST THERMOCOUPLES 000001			
1	214552	THERMOCOUPLE, TYPE K	12
1	741213	HARNESS, EXH. THERMOCOUPLES	1
1	177487C	CLIP,.88 DIA X.38 SCR	6
1	169013P	CLIP,.5 DIA X .38 SCR	2
1	169013U	CLIP,.62 DIA X.38 SCR	2
1	21340	HXHDSCR,.375-16X.62 LG	9
1	21343	HXHDSCR .375-16X.75	1
1	21052	WASHER,MED LOCK .375	1
1	21189	NUT,HEX .375-16 UNC	1
1	214157	BRACE, TUBE	1
G-259-95 MAIN BEARING THERMOCOUPLE 000001			
1	211771A	ADAPTER,MAIN BEARNG TEMP	7
1	208426K	THERMOCOUPLE, TYPE K MAIN BRG	7
1	208416A	GLAND,PACKING.19 DIA X .12 NP	7
1	741212	HARNESS, MAIN BEARING THERMOC	1
1	21422	HXHDSCR,.50-13X.75 LG	10
1	21054	WASHER,MED LOCK .50	14
1	169013V	CLIP,.62 DIA X.5 SCR	10
G-263-593 STD., SINGLE FUEL INLET 000001			
1	168427T	CLAMP 2.38 DIA X .38 SCR	1
2	168427F	CLAMP,2.38DIA X.44SCR	1
1	601612	STD., SINGLE FUEL INLET	0
1	167014B	COUPLING, 2.0 PIPE, 90 ELBOW	2
1	214605C	COUPLING, DRESSER, STYLE 90 S	2
1	214284F	PIPE ASM., FUEL INLET	2
2	209805C	PIPE,2 X 17.00 TOE	2
2	209242C	COUPLING,HALF,.50	2
2	28677	PLUG,PIPE,HXHD,.50	2
1	214285D	PIPE ASM., FUEL R.B.	1
1	214286D	PIPE AMS., FUEL L.B.	1
1	211482L	SADDLE, PIPE 2 IN	4
1	214288D	PIPE ASM., SINGLE FUEL INLET	1
1	63809A	SPACER,.41X.75X1.2LG	2
1	214322B	BRACKET, SUPPORT	4
1	954313	U BOLT,.38X2.5X3.25	4
1	21519	HXHDSCR,.50-13X5.50 LG	4
1	21428	HXHDSCR,.50-13X1.25 LG	4
1	21054	WASHER,MED LOCK .50	8
1	214458A	BRACE, FUEL PIPE ASM.	2
1	21354	HXHDSCR,.375-16X1.38 LG	2
1	21365	HXHDSCR,.375-16X2.50	2
1	Y18813H	WASHER,FLAT .375	16
1	21052	WASHER,MED LOCK .375	14
1	21189	NUT,HEX .375-16 UNC	14
1	Y18813K	WASHER,FLAT .500	4
1	21348	HXHDSCR .375-16 X 1	2
1	214058	BRACE, TUBE	1
1	78282R	PLUG,PIPE,SQ HD,.50,SS	4
1	168427T	CLAMP 2.38 DIA X .38 SCR	1
2	168427F	CLAMP,2.38DIA X.44SCR	1

G-263-611 GAS REGULATOR - GSI 000001

1	209167T	REGULATOR,GAS,FISHER 99	2
1	199322S	BRACKET, GAS REGULATOR (RB)	1
1	199322Z	BRACKET, GAS REGULATOR (L.B.)	1
1	209958	PIPE .25NPTX2.5 TBE	1
1	78208A	TEE,PIPE .25,150#,IRON	2
1	194769M	CONN,MALE .50 ODX.25 NPT	2
1	194769J	CONN,MALE,.62 ODX.50 NPT	4
1	78208C	TEE,PIPE .50,150#,IRON	2
1	119434W	PIPE,.50 X 1.12 TBE	2
1	155404A	SPACER,.53X.88X.59LG	1
1	169013R	CLIP,.5 DIA X .5 SCR	1
1	21514	HXHDSCR,.438-14X5.00 LG	8
1	63809Z	SPACER,.5X.75X2.62LG	8
1	Y18813J	WASHER,FLAT .4375	9
1	21053	WASHER,MED LOCK,.4375	9
1	21197	NUT,HEX,.4375-14 UNC	9
1	21404	HXHDSCR,.438-14X2.50	1
1	214071E	RESTRICTOR, 1/4 NPTF- 2.64mm ORIFICE	2
1	214484K	TUBE, REGULATOR SENSING	2
1	78212B	BUSHING,RED,.50X.12	2
1	B8677	BUSH,RED .25-.12	2
1	26743	PLUG,PIPE,HXHD,.125	4
1	21428	HXHDSCR,.50-13X1.25 LG	10
1	21054	WASHER,MED LOCK .50	10
1	Y18813K	WASHER,FLAT .500	10
1	209958B	PIPE .25NPTX1.5 TBE	1
1	214612K	TUBE, BALANCE (R.B. - AIR INTAKE ELBOW TO REGULATO	1
1	214612L	TUBE, BALANCE (L.B. - AIR INTAKE ELBOW TO REGULATO	1
1	A741233	ASSEMBLY, BOOST PRESSURE SENSOR	2
2	741233	PRESSURE SENSOR (IMAP, BOOST)	2
2	740056B	LABEL, TRANSDUCER, PRESSURE	2
1	211893	SNUBBER, PRESSURE	2
1	78212A	BUSHING,RED,.38-.25	2
1	209892A	TEE .38, 2000 LB	2
1	194769G	CONN,MALE,.50 ODX .38NPT	2
1	194628F	PIPE NIPPLE,HEX.38NPT X 1.45LG	2
1	601891	GAS REGULATOR - PRESSURE SENSOR IMAP BOOST	0

G-264-47 STUB SHAFT 000001

1	600499A	8006 STUB SHAFT OPTIONS	0
1	214572	SHAFT, STUB	1
1	28618	SCR,FLNGD12PT.50-13X3.25	10
1	214250A	KEY, SQ., .875 X 8.0 LG	1

G-265-31 SHIPPING SKID VHP EXTENDER 000001

1	209476D	SKID, ENGINE DEEP SUMP	1
1	Y18813P	WASHER,FLAT .75	8
1	21493	HXHDSCR,.75-10X4.00 LG	4
1	214390D	NUT,LOCK,.750-10	4
1	21963	WASHER,BEVEL,.75	4

G-289-172 ESM CAL., VHP 5.0, 700-1200 RPM 000001

1	X-A006H034	CALIBRATION, ESM2 L7044S5GC 178 BMEP	1
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G-290-131 HARNESS ECU 000001

1	741239A	HARNESS, CUSTOMER INTERFACE	1
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G-290-141 APM DATA COLLECTOR 000001

1	G-972-009	DATA COLLECTOR KIT	1
2	741335A	DATE COLLECTOR	1

G-290-151 ESM2 ECU 000001

1	78212C	BUSHING,RED,.50X.25	2
1	214587	BRACKET, ECU	1
2	154579B	NUT,WELD,.312-18X.22	8

1	A295844F	PICKUP ASM., MAGNETIC	2
2	295844F	PICKUP, MAGNETIC (4.05" LG)	2
2	740058	LABEL (CSA), MAGNETIC PICKUP	2
1	21054	WASHER,MED LOCK .50	12
1	28415	WASHER,STNLST,.53X.88X.12	1
1	A741226	ASSEMBLY, CRANKCASE PRESSURE	1
2	741226	TRANSDUCER, PRESSURE, CRANKCA	1
2	740056A	LABEL, TRANSDUCER, PRESSURE	1
1	Y18813K	WASHER,FLAT .500	4
1	26248	HXHDSCR,.50-13X1.12 LG	4
1	157910S	BUSHING,RED,1.50-.25	1
1	B10168B	ELBOW,STREET,.25,BR	1
1	214118A	STUD,.500-20X3.00 LG	2
1	214664	BRACKET, CUSTOMER INTERFACE	1
1	21433	HXHDSCR,.50-13X1.75	2
1	A741156	ASSEMBLY, ECU	1
2	214696	G2 orange label	1
2	741156	ECU	1
1	741205	HARNESS, CAN & CONTROL CROSS	1
1	741206	HARNESS, IGNITION & KNOCK CRO	1
1	741207	HARNESS, FUEL CONTROL VALVE R	1
1	741208	HARNESS, FUEL CONTROL VALVE L	1
1	214502H	Bracket, Harness Support	7
1	A740110C	SENSOR ASM,KNOCK CONTROL	12
2	740110C	SENSOR,KNOCK	12
2	740019D	LABEL, KNOCK SENSOR	12
1	211893	SNUBBER, PRESSURE	2
1	A740120	THERMISTOR,OIL, WATER,INTMANFL	3
2	740120	THERMISTOR,OIL, WAT,INTMFLD	3
2	740043J	LABEL, TEMPERATURE SENSOR	3
1	A740125	ASM., TRANSDUCER PRESSURE OIL	2
2	740125	TRANSDUCER, PRESSURE, OIL	2
2	740043R	LABEL,TRANSDUCER, PRESSURE 0-	2
1	169514M	STRAP, MOUNTING	2
1	741081	HARNESS, MAGNETIC PICKUP, CRA	1
1	741080	HARNESS, MAGNETIC PICKUP, CAM	1
1	214502	Bracket, Harness Support	3
1	214502Q	BRACKET, HARNESS SUPPORT	2
1	741078	HARNESS, JACKET TEMPERATURE	1
1	741083	HARNESS, LUBE OIL TEMPERATURE	1
1	169514K	STRAP, MOUNTING	2
1	169514L	STRAP, MOUNTING	2
1	21348	HXHDSCR .375-16 X 1	10
1	21052	WASHER,MED LOCK .375	28
1	Y18813H	WASHER,FLAT .375	26
1	21354	HXHDSCR,.375-16X1.38 LG	10
1	21346	HXHDSCR,.375-16X.88 LG	3
1	21425	HXHDSCR,.50-13X1.00	1
1	26710	NUT,STSTHEX,.50-20	1
1	26948	NUT,STSTJAMHX,.50-20	1
1	169013T	CLIP,.56 DIAX.5 SCR	3
1	169013K	CLIP,.38 DIAX.38 SCR	13
1	169013L	CLIP,.38 DIAX.5 SCR	4
1	A214273G	WIREWAY, ASM. RB	1
2	214273G	MANIFOLD, WIRE HARNESS (R.B.)	1
3	28891	HXHDSCR, SERR. FLANGE, .250-2	6
3	28892	HXHDSCR, SERR. FLANGE, #10-24	4
3	214610	10-24UNC EXTRUDED U-NUT	4
3	214611	1/4-20UNC EXTRUDED U-NUT	6
3	214671	BRACKET, MANIFOLD WIRE HARNES	1

3	214672	BRACKET, MANIFOLD WIRE HARNES	1
2	741204	HARNESS, WIREWAY RB	1
2	211930P	LABEL, EMERGENCY STOP W/O LET	1
2	69959	E-STOP PUSH-TWIST RELEASE	1
1	A214274G	WIREWAY, ASM. LB	1
2	214274G	MANIFOLD, WIRE HARNESS (L.B.)	1
3	214669	BRACKET, MANIFOLD WIRE HARNES	1
3	214670	BRACKET, MANIFOLD WIRE HARNES	1
3	214610	10-24UNC EXTRUDED U-NUT	4
3	214611	1/4-20UNC EXTRUDED U-NUT	6
3	28891	HXHDSCR, SERR. FLANGE, .250-2	6
3	28892	HXHDSCR, SERR. FLANGE, #10-24	4
2	741203	HARNESS, WIREWAY LB	1
2	211930P	LABEL, EMERGENCY STOP W/O LET	1
2	69959	E-STOP PUSH-TWIST RELEASE	1
1	741245	HARNESS, PRESSURE SENSOR, 18"	2
1	741246	HARNESS, PRESSURE SENSOR, 40"	2
1	741247	HARNESS, PRESSURE SENSOR, 60"	1
1	741248	HARNESS, EXHAUST & TRICAN	1
1	325301	CLIP, HARNESS SUPPORT, 17MM	2
1	601892	BRACKET, ECU, HARNESS, WIREWA	0
1	21051	WASHER,LOCK,.312 & M8	4
1	21309	HXHDSCR,.312-18X.75	4
1	S-08685-17	SCHEMATIC, ESM2 SYSTEM	0
1	28807	SCREW,FLANGED HXHD M8X30	12
1	S-07232-416	ASSEMBLY INSTRUCTION, KNOCK S	0
1	325303	CLIP, HARNESS SUPPORT, 29MM	15
1	325300	CLIP, HARNESS SUPPORT, 12MM	4
1	214510	CAPSCREW, SOCKET HD, #10-32X.	6
1	21362	HXHDSCR,.375-16 X 2	2
1	A741233	ASSEMBLY, BOOST PRESSURE SENS	2
2	741233	PRESSURE SENSOR (IMAP, BOOST)	2
2	740056B	LABEL, TRANSDUCER, PRESSURE	2
1	168847	BRACKET	2
2	750099	BRACKET	2
1	290039	NUT,HEX M10	2
1	291111	WASHER, LOCK M10	2
1	350428	HXHDSCR M10X22FULTHD	2
1	350450	WASHER, FLAT M10	2
1	177487C	CLIP,.88 DIA X.38 SCR	2
1	21189	NUT,HEX .375-16 UNC	2
1	21357	HXHDSCR .375-16X1.50	4
1	21370	HXHDSCR,.375-16X3.25	2
1	21444	HXHDSCR,.50-13X3.50	4
1	151270M	SPACER, .406 X 1.0 X 1.75LG	2
1	B2861E	SPACER,.53X1X1.75 LG	4
1	741319	HARNESS, WW CATALYST PLUG	1
1	28852A	HXHDSCR, SERR. FLANGE, #10-32	15
1	214502F	Bracket, Harness Support	3
1	169013N	CLIP,.44 DIA X.5 SCR	1