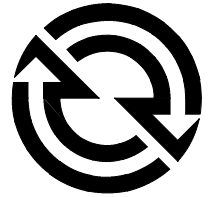


Engine Parts

DETROIT DIESEL



Diesel Engine

Generator Model:

200 kW

Engine Series:

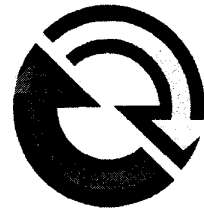
40E

Engine Model:

Series 40E 8.7LTA

DETROIT DIESEL

CORPORATION



SERIES 40 ENGINE CUSTOM PARTS CATALOG

INTRODUCTION

The Detroit Diesel Series 40 engine is the latest generation in a family of diesel engines with over 100 years of experience. The Series 40 is an entirely new design, engineered and manufactured using the most advanced technology available today. The result is a lightweight, 4-cycle, inline, six cylinder heavy-duty diesel engine spanning a horsepower range of 160 to 330 horsepower. Comprised of 7.6 and 8.7 liter displacements, the Series 40 engine family is available in turbocharged and turbocharged air-to-air charge cooled models.

The four models in the Series 40 family provide the engine with versatility in the automotive, construction, industrial, and generator set markets. The two displacements of the Series 40 allow this engine series to provide a wide range of power that is needed under any condition while maintaining the high standards of performance the engine achieves.

The reliability and durability of the Series 40 engine have been assured by a host of premium features. These include a high strength alloy cast iron deep skirt cylinder block with wet-type replaceable liners, induction hardened crankshaft, premium design cylinder head with replaceable valve guides and valve seat inserts, and large crankshaft and connecting rod bearings- all designed to provide maximum life.

This Series 40 engine is built by Navistar for you, the Detroit Diesel customer. Detroit Diesel adds trim items to the engine to better meet your engine needs. This parts catalog contains 2 bills of material (BOM). One is the Navistar BOM and the other serial number (06N0XXXXXX) represents the Detroit Diesel BOM. Some of the trim items may have replaced original engine components. So, **Always look at the Detroit Diesel serial number first.**

The data in this publication is based on information known to Detroit Diesel at the time of preparation. While every care and effort has been taken to ensure 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.



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HOW TO USE THIS PARTS CATALOG

A. CATALOG FORMAT

- Each parts list entry contains the ITEM number, PART NUMBER, QTY, KIT information and DESCRIPTION.

ITEM	PART NUMBER	QTY	DESCRIPTION
44	1823453C1	004	VALVE, INTAKE

- When an assembly is broken down in the figure, the component descriptions will be indented to the right. The components will be listed under the same ITEM as the assembly except when they are exploded out and identified on the art.

ITEM	PART NUMBER	QTY	DESCRIPTION
26	1822607C91	001	PLUG ASM, SUPPLY
	1815874C1	001	RING,O
	9410357	001	PLUG

- When an assembly is broken down in a separate figure, the DESCRIPTION will contain a reference to the detail figure.

ITEM	PART NUMBER	QTY	DESCRIPTION
10	1807418C92	001	HARNESS ASM, WIRING FOR PARTS LIST SEE 1807418C92

- Service parts that are furnished in a package will show a symbol in the KIT column with a corresponding package entry at the end of the parts list.

ITEM	PART NUMBER	QTY	KIT	DESCRIPTION
5		002	KA	SEAL, DIRT AND WATER
10		002	KA,KB	RING, RET
	1675138C91		KA	PACKAGE, GASKET AND SEAL FOR PARTS LIST SEE 1675138C91
	1679598C91		KB	PACKAGE, O-RING FOR PARTS LIST SEE 1679598C91

NOTE: Only the first line of an item will contain the ITEM number. If the additional entries are split from one Parts List column to the next, the ITEM number will be repeated once at the top of the next column. This format also applies to multiple ITEM numbers such as components listed with their attaching hardware on the same item.

**B. IDENTIFYING PARTS WITH A FIGURE****- ILLUSTRATION AND PARTS LIST**

The typical figure consists of an illustration (usually an exploded view) with a parts list identifying the keyed item numbers as shown on the illustration. The parts list contains Part Number, Description, Quantity, and Kit reference that shows where and/or when the part is used. Make sure you read all the information listed under your particular item number. Reference and restriction notes are shown in the description column. The Figure Number is listed in the upper center page and bottom left and right corners of each page with the Figure Title.

- ATTACHING PARTS

Attaching parts are usually shown with the same item number as the part they attach.

- KITS

Parts that are included in kits are identified in the DESCRIPTION column with a KA, KB etc. symbol. If there is no part number for the item then that part is not serviced separately and can only be purchased in the kit. Kit part numbers are listed at the end of figure and contain a corresponding reference to the symbol in the DESCRIPTION column.

- BULK MATERIAL

For fuel pipes, hose and similar parts, only the diameter and bulk part number are shown. This part number covers one foot of bulk material.

NOTE: Illustrations are representative of the part and may not be an exact likeness.



LIST OF ABBREVIATIONS



A/C	Air Conditioning	ENG	Engine
ACCEL	Accelerator	EQUIP	Equipment
ADAP	Adapter	EXH	Exhaust
ADJ	Adjuster, Adjustable, Adjusting	EXP	Export
AL	Aluminum	EXT	Exterior, External
ALT	Alternator	EXTN	Extension
AMP	Amperes	F-HD	Flat Head
ANG	Angle	F-PT	Flat-point
APPROX	Approximately	FASTNR	Fastener
AR	As Required	FIG.	Figure
ATT	Attaching, Attachment	FIL-HD	Fillister Head
AUTO	Automatic	FITT	Fitting, Fittings
AUX	Auxiliary	FL	Flat
BAT.	Battery	FLEX	Flexible
BBC	Bumper-to-Back of Cab	FLG	Flange
BC	Big Cam	FRT	Front
BRG	Bearing	FT	Feet, Foot
BRK	Brake	FWD	Forward
BRKT	Bracket	GA	Gauge
BUSH.	Bushing	GAL	Gallon
CARR	Carrier	GALV	Galvanize
CD-PLTD	Cadmium Plated	GASK	Gasket
CE	Commutator End	GEN	Generator
CHK	Check	GOV	Governor
CI	Cast Iron	GRD	Ground
CL-REC-HD	Clutch Recess Head	GROM	Grommet
CM	Centimeter	HARN	Harness
COL	Column	HD	Head
COMMUT	Commutator	HD	Heavy Duty
COMPR	Compressor	HDLS	Headless
COMPT	Compartment	HDN	Hardened
CON	Control	HEND	Hendrickson
CONN	Connector, Connection, Connecting	HEX	Hexagon
CPT	Complete	HGE	Hinge
CR-PLTD	Chromium Plated	HP	Horsepower
CR-REC-HD	Cross Recess Head	HSG	Housing
CRG	Carriage	HT	Heat Treat
CRKCASE	Crankcase	HVY	Heavy
CRKSHFT	Crankshaft	HYD	Hydraulic
CSK	Countersunk	HYDV	Hydrovac
CT	Coated	ID	Inside Diameter
CTR	Center	IMPEL	Impeller
CTSHFT	Countershaft	IN.	Inch, Inches
CU	Cubic	INSP	Inspection
CUSH	Cushion	INST	Instrument
CYL	Cylinder	INT	Interior, Internal
D/S #	Direct Ship Number	INTER	Intermediate
DBL	Double	JUNC	Junction
DE	Drive End	KNCKL	Knuckle
DEG	Degree	K/PIN	King Pin
DIA	Diameter	LB	Pounds
DIAG	Diagram	LGT	Light
DIAPH	Diaphragm	LH	Left Hand
DIFF	Differential	LHD	Left Hand Drive
DOM	Domestic	LK	Lock
DR	Drive	LKG	Locking
ELECT.	Electric	LSM	Left Side Mounted
EMERG	Emergency	LT	Left



LIST OF ABBREVIATIONS



LUB Lubrication
 LW Lockwasher
 LWR Lower
 MACH Machine
 MANF Manifold
 MASHFT Mainshaft
 MATL Material
 MBR Member
 MED Medium
 MIRR Mirror
 MLDG Moulding
 MM Millimeters
 MTG Mounting
 NC National Coarse Thread
 NF National Fine Thread
 NI Nickel
 NO Number
 NPT National Pipe Thread
 OD Outside Diameter
 OPER Operating
 OPT Optional
 OTR Outer
 OV-HD Oval Head
 OZ Ounce
 O/S Oversize
 PAN-HD Pan Head
 PC Piece
 PDC Parts Distribution Center
 PKG Package
 PL Plain
 PLTD Plated
 PNL Panel
 PROP Propeller
 PT Point
 PTO Power Take-off
 RAD Radiator
 RD Round
 REG Regulator
 REH Reusable End Hose
 REINF Reinforce, Reinforcement
 RETNR Retainer
 REV Reverse
 RH Right Hand
 RHD Right Hand Drive
 RIV Rivet
 RPM Revolutions per Minute
 RSM Right Side Mounted
 RT Right
 SBA Set Back Axle
 SEL Selector
 SERV Service
 SFA Set Forward Axle
 SHFT Shaft
 SHK/ABS Shock Absorber
 SHPF Shakeproof
 SLK Slack
 SLT Slotted
 SMBR Side Member

SPEC Special
 SPECS Specification
 SPEEDO Speedometer
 SPG Spring
 SQ Square
 SQ-NK Square Neck
 SST Stainless Steel
 STD Standard
 STGHT Straight
 STL Steel
 STRG Steering
 SUPT Support
 SUSP Suspension
 SW Switch
 SWVL Swivel
 SYS System
 T Teeth
 TAP Tapping
 TEMP Temperature
 TERM Terminal
 THERMO Thermostat
 THD Threads
 TIM Timken
 TR-HD Truss Head
 TRANS Transmission
 TRUN Trunnion
 TUBLR Tubular
 U/S Undersize
 UNFIN Unfinished
 UNIV Universal
 UPR Upper
 V Volt
 VAC Vacuum
 VENT Ventilator
 W/ With
 W/O Without
 W/S Windshield
 WB Wheel Base
 WIN Window
 WIR Wiring
 XMBR Crossmember
 ZN Zinc



ENGINE FEATURES

This catalog incorporates the following features for the I-308 DTA530 engine:

Serial Number WS4646D

PART NO.	DESCRIPTION
BC03	PAINT-SLATE BLUE
BD01	PLATE, SERIES 40-DDC
BE02	LABELS, OFF HWAY DOMESTIC
B1337	LABEL, I-308 DTA530 M168 OFF/H
EB01	WATER OUTLET, RIGHT SIDE
EL06	FAN DRIVE & MTG
EM01	OIL PAN & GAUGE, ENG MTG, FUEL & COOLANT FILTERS
EP01	ELBOW, WTR INLET
FB08	FRONT COVER - SAE "B" FLANGE
FL01	OIL PAN & GAUGE, ENG MTG, FUEL & COOLANT FILTERS
FM05	OIL PAN & GAUGE, ENG MTG, FUEL & COOLANT FILTERS
GB05	VIBRATION DAMPER
GL08	FLYWHEEL & HOUSING
HD10	VALVE CVR & INTAKE MAN
HF01	LIFTING EYES
IC12	SENSORS, CONTROLS, WIRING
IL09	ALT./FREON COMPR MTG BRKT
JL01	FLYWHEEL HOUSING
JM00	WITHOUT FRT ENGINE MOUNTS
JN00	WITHOUT REAR ENGINE MOUNTS
KL17	OIL PAN & GAUGE, ENG MTG, FUEL & COOLANT FILTERS
KM00	THROTTLE NONE, HEUI & AS&Q
KN00	NO ELECTRIC SHUTOFF
M168	530 RATING 300 HP @1500 RPM
NB02	EXH MAN - DOWN MT REAR INL
PL01	EXHAUST OUTLET
P013	TURBO & PIPING, DTA 180 DEG OUT
QL01	ACC CVR W/O A COMP/HYD PMP
QM00	NO HYD PUMP & AIR COMP
RL02	SIDE VENTING BREATHER - HEUI
YA02	STARTER & DRIVE
YB06	ALTERNATOR & MOUNT
YC02	MAIN DRIVE BELT
530N	ENG CORE / PERFORMANCE PARTS



NOTES


DESCRIPTION INDEX


PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
1833113C91	ADAMPER ASSEMBLY, VIBRATION	1829953C92	BRACKET ASSY.,CEC REAR MOUNT
1824924C1	ADAPTER,PRIMER SPACER	1829944C1	BRACKET ASSY.,ELEC.MOD. MTG
1827195C93	AMR,ROCKER	1822041C1	BRACKET, ALTERNATOR MTG
1827743C3	ARM, ROCKER	1820064C2	BRACKET, CAMP TRANSDUCER
1820478C1	BALL,CHECK VALVE	1817671C1	BRACKET, OIL COOLER
1817021C1	BEARING CAMSHAFT INT & LOW	1820227C2	BRACKET,OIL PICKUP TUBE
1830269C1	BEARING, C SHAFT REAR LOWER	1827435C1	BRACKET,ROCKET SHAFT
1822043C1	BEARING, FAN	1813821C1	BUSHING
1822275C1	BEARING, JOURNAL	1818598C1	BUSHING, CONN ROD
1830506C1	BEARING,C SHAFT FRONT UPPER	1822502C1	BUSHING, PISTON
1830505C1	BEARING,C SHAFT REAR UPPER	1827193C1	BUTTON, ROCKER ARM
1830149C1	BEARING,CONN ROD	1830613C91	CAMSHAFT ASM
1822292C1	BEARING,THRUST	1824747C1	CAMSHAFT,MACHINING
1821013C1	BLOCK, TAPPING-DRAIN PLUG	1655349C1	CAP,BRK CHAMBER
1802872C1	BODY, OIL INLET SCREEN	1823733C2	CARRIER,OIL SEAL
30360R1	BOLT	1807296C1	CHANNEL, WIRING HARNESS
1817811C1	BOLT M8 X 1.25 6Q 60MM	1766 EMD	CHART, GT-40 TURBO
24868R1	BOLT, 1/2 X 4 PHC TYPE 8	1822268C1	CLAMP,CHOKE CABLE OR THROTTLE
25296R1	BOLT, 1/2 X 6-1/2 PHC TYPE 8	893944R92	CLAMP,EXH PIPE TO MANIFOLD
1822121C2	BOLT, HF SPCL-M8P	1821896C1	CLAMP,INJECTOR
1818233C1	BOLT, M10 X 20 HEX FLGE	1807336C1	CLIP,HARNESS
30029R1	BOLT, M10 X 70 PHC CLASS 10.9	1822897C1	CLIP,HARNESS RETAINER
1817993C1	BOLT, M10 X 80MM	1823813C1	COLLAR,THRUST
1822018C1	BOLT, M10 X 90MM	1822646C1	CONDUIT, CONV.
1820590C1	BOLT, M10X120 HEX FLANGE	1815924C2	CONNECTOR, INJECTOR
1823929C1	BOLT, M12 X 1.25	606819C1	CONNECTOR,FLEX TUBE
1823991C1	BOLT, M12 X 1.25 X 50MM	1807322C1	CONNECTOR,IPR
1817967C1	BOLT, M12 X 1.75 6Q 25MM	1830622C92	COOLER,ASM OIL
1817830C1	BOLT, M12 X 1.75 6Q 35MM	1815904C2	COOLER,OIL
1818236C1	BOLT, M12 X 30 HEX FLANGE	1830624C1	COVER ASSY,VALVE
1820606C1	BOLT, M12 X 50 HEX FLANGE	1826335C91	COVER ASSY.,FRONT (REAR HALF)
1820235C1	BOLT, M14 X 30 HEX FLGE	1820465C4	COVER, FRONT (FRONT HALF)
1817817C1	BOLT, M6 X 1.0 20MM	1827160C2	COVER,ENGINE HARNESS
1817810C1	BOLT, M6 X 1.25 6Q 12MM	1830620C1	CRANKSHAFT (I-308,530)
1817953C1	BOLT, M6 X 15 HEX FLANGE	1830596C91	CRANKSHAFT ASSEMBLY
1817961C1	BOLT, M8 X 1.25 6Q 90MM	1820858C2	DAMPER,VIBRATION
1823281C1	BOLT, M8 X 1.25 X 20MM	1824723C1	DISC,TIMING SENSOR
1818693C1	BOLT, M8 X 110 HEX FLGE	1825563C91	ELBOW ASSY.,37-DEG O-RING BOSS
1817978C1	BOLT, M8 X 35 HEX FLG	1814737C2	ELBOW, OIL PICK-UP
1818726C1	BOLT, M8 X 70 HEX FLANGE	9410976	ELBOW,PIPE GIVE SIZE
1818231C1	BOLT, M8 X 80 HEX FLANGE	1825688C1	ELEMENT,BREATHERR
1817812C1	BOLT, M8X16 HEX FLANGE	1823920C1	EXTENSION,CLIP
1817956C1	BOLT, M8X20MM HEX FLANGE	2002176C2	EXTENSION,CLIP
1817957C1	BOLT, M8X25 HEX FLANGE	1817560C2	EYE, LIFTING REAR
1817959C1	BOLT, M8X40 HEX FLANGE	1820215C1	EYE, LIFTING REAR
1818230C1	BOLT, M8X65 HEX FLANGE	1831376C1	FASTENER,SPECIAL*KNOB O-RING
1817960C1	BOLT, MB X 1.25 6Q 45MM	1833121C1	FILTER ASSY, LUBE OIL
1820287C1	BOLT, UPPER IDLER GEAR RET	1817677C91	FILTER, ASSY STRAINER
1817537C1	BOLT,CONN ROD	1820361C1	FILTER, COOLANT
40055R1	BOLT,M20 X 70 12PT	1822588C1	FILTER, FUEL
1824752C1	BOLT,M8 X 1.25 X 55MM	1819772C1	FITTING,COMPRESSION SLEEVE
1823809C1	BOLT,M8X120MM(SPEC LONG THD)	1809797C1	FITTING,SPECIAL TUBE
1817958C1	BOLT,M8X30 HEX FLANGE	1819271C1	FLANGE,TURBO OIL DRAIN
1822267C1	BOLT,U SPECIAL	1822033C91	FLYWHEEL, 11.5 SAE #2
1818516C1	BOWL,FUEL FILTER	1822034C1	FLYWHEEL,ENG


DESCRIPTION INDEX


PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
1819008C1	GASKET	1827396C2	HOUSING,LUBE OIL PUMP
253660R2	GASKET, OIL INLET FLANGE	1827395C92	HOUSING,OIL PUMP
1820920C2	GASKET, RESERVOIR	1833234C1	HOUSING,VALVE
1820936C1	GASKET, TURBO OIL DRAIN	1822006C1	HUB, FAN & PULLEY MTG.
1820909C1	GASKET, VALVE COVER	1830692C91	INJECTOR ASSY,FUEL W/SEALS
1817974C1	GASKET, WATER INLET ELBOW	1830691C1	INJECTOR ASSY.
1816722C2	GASKET,CAMSHAFT BRG PLATE	2003467C1	INLET,WATER ENGINE
1825436C1	GASKET,EXHAUST MANIFOLD	1827121C2	INSERT,EXH
1818716C4	GASKET,FC OIL SUCTION	1830711C1	INSERT,EXH
1818717C5	GASKET,FRONT COVER	1830712C1	INSERT,EXH
1820416C4	GASKET,FRONT COVER TO CRANKCSE	1830713C1	INSERT,EXH
1823029C1	GASKET,HAND PRIMER	1830310C2	INSERT,INT SEAT
1830317C1	GASKET,INJECTOR	1830311C2	INSERT,INT SEAT
1826587C1	GASKET,OIL PAN	1171677R2	INSTRUCTION SHEET
1824911C1	GASKET,REAR SEAL CARRIER	1830974C1	INSULATOR, CEC SHIPPING
1822120C1	GASKET,TURBOCHARGER	1831251C1	INSULATOR,FOAM
397630C1	GASKET,V PLUG INJ PUMP	218211	KEY, 1/4 X 3/4 SAE 91 WOODRUFF
1823260C2	GAUGE, OIL LEVEL	1824644C1	KEY,MANIF HEAT CONT LEVER
675364C1	GEAR	691044C1	KEY,WOODRUFF
1820204C92	GEAR ASSY, LOWER IDLER	1831415C92	KNOB,ASSY,CEC HARNESS(95)
1820203C93	GEAR ASSY, UPPER IDLER	1827157C2	KNOB,CEC HARNESS
1823944C92	GEAR ASSY,CAMSHAFT	1814149C2	MANIFOLD, EXHAUST FRT/RR
1822101C95	GEAR ASSY,LOWER	1821977C1	MANIFOLD,EXHAUST CENTER
1822102C95	GEAR ASSY.,UPPER	1807478C1	MODULE,ELECT. CONTROL-24V
1815440C1	GEAR RING EMD 1208	1822269C1	NAMEPLATE
1820299C1	GEAR,CRANKSHAFT	1823306C1	NIPPLE, VALVE COMPUCHECK
1824636C1	GEAR,IDLER LOWER (HEUI)	1830695C1	NOZZLE, TIP
1824635C1	GEAR,IDLER UPPER (HEUI)	1821648C1	NUT, HF M10 X 1.25
1820967C2	GEAR,PUMP	1820301C1	NUT, LOWER IDLER SHAFT
1830535C91	GENERATOR,AC	31083R1	NUT, M10 X 1.50 6H FN
1830108C1	GROMMET ASSY SPACER & NUT	1820923C1	NUT, VALVE ADJ SCREW
1830110C1	GROMMET ASSY,WASHER & GROMMET	1824978C1	NUT,(IPR)
1813892C1	GUIDE,ROLLER TAPPET	265205R1	NUT,FLEX TUBE
1824647C1	GUIDE,VALVE (SERVICE)	25526R1	NUT,HEX 1/2 NC TYPE 8
1820213C1	GUIDE,VALVE TAPPET	40050R1	NUT,SPECIAL
1807419C95	HARNESS, ASSY REAR MOUNT I6	1820278C1	NUT,UPPER IDLER SHAFT
1807285C92	HARNESS,INTRNL WIRING I-6HEUI	1825555C93	PACKAGE, PISTON & SLEEVE
1830346C92	HEAD ASSY, CYL	1823351C93	PACKAGE,COOLANT CONDITIONER
1830345C93	HEAD ASSY.,CYLINDER	1822322C92	PACKAGE,CYL SLEEVE RING
1830346C93	HEAD ASSY.,CYLINDER	1825181C91	PACKAGE,ELEMENT-PRESCREEN
1827113C2	HEAD,CYLINDER	1825473C92	PACKAGE,HAND PRIMER
1820381C93	HEADER ASSY, COOLANT FILTER	1825806C91	PACKAGE,IPR SEALS
1825661C93	HEADER ASSY., FUEL FILTER	1822337C91	PACKAGE,PISTON RING
1817574C1	HEADER, OIL COOLER FLTR	1825548C94	PACKAGE,PISTON,SLEEVE & RING
1830623C1	HEADER, OIL COOLER FRONT	1823311C1	PAN SUB-ASSY., OIL (24 QT)
1829802C1	HOSE ASSY.,HIGH PRESSURE	1823278C92	PAN,OIL ASSEMBLY
1822050C91	HOUSING ASSY, FAN	680482C1	PIN
1825414C91	HOUSING ASSY.	17135R1	PIN, 5/32 X 5/16 PLN SLT-SPR
1822266C1	HOUSING, CENTER	1822086C1	PIN,DOWEL HOUSING BUSHING
1824934C1	HOUSING, COMPR	1818552C1	PIN,PISTON
1822145C1	HOUSING, FAN BEARING	1820813C1	PIN,REAR FRT COVER DOWEL
1821290C1	HOUSING, PUMP	1826414C1	PISTON, ART. SKIRT (530)
1824910C91	HOUSING, ROTATING ASSY	1826412C1	PISTON,CROWN (530)
1822289C1	HOUSING, TURBINE	1813820C1	PLATE
1820338C2	HOUSING,FLYWHEEL SAE#2	675412C1	PLATE

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
686702C1	PLATE	1823790C1	RING,O
1802871C1	PLATE, CONTROL	1824908C1	RING,O
1823814C1	PLATE,BACK UP	1823812C1	RING,PISTON
1817545C1	PLATE,CAMSHAFT THRUST FLANGE	1823815C2	RING,PISTON
23623R1	PLUG, 1-1/4 CUP	1818702C1	RING,PISTON PIN
445751	PLUG, 1/2-14 PLN SQ/SKT AUTO P	55163R1	RING,SNAP HYDV HYD CYL CON .83
444618	PLUG, 1/4-18 PLN H/HD AUTO PIP	1820951C1	RING,THERMOSTAT
444612	PLUG, 1/8-27 PLN H/HD AUTO PIP	1830152C1	ROD & CAP, CONNECTING
444613	PLUG, 1/8-27 ZNP H/HD AUTO PIP	1821962C2	ROD PUSH ASSEMBLY
327412R1	PLUG, 13/16 CUP	1830153C91	ROD,ASM CONNECTING
347822R1	PLUG, 5/8 CUP	1821144C1	ROLLER TAPPET, SHELL
1825504C1	PLUG,FLANGED HEX HEAD	1824680C1	ROTATOR,VALVE
1820919C1	PLUG,FUEL REG	1822290C1	ROTOR,TURBOCHARGER
1813822C1	PLUG,INJ PUMP	326541R1	SCREEN
9409949	PLUG,PIPE 3/4 NPT	1802870C1	SCREEN ASSEMBLY, OIL PICK-UP
1819005C1	PLUNGER, PUMP	1810491C1	SCREW
1807428C1	PROD.GRAPH.WARN.LABEL	1825464C1	SCREW,FL HD M5X12
1820308C1	PULLEY,FAN	1825467C1	SCREW,HOLLOW-FLEX FITTING
1815421C1	PULLEY,GENERATOR OR ALTERNATOR	40086R1	SCREW,KNOB STD
1817629C1	PULLEY,WATER PUMP	16067DA	SCREW,ROCKER ARM ADJ
1817687C96	PUMP ASSEMBLY,WATER	1817867C92	SEAL ASSEMBLY,RADIAL LIP
1830177C91	PUMP,ASM FUEL ELECT	1820878C2	SEAL, FRONT COVER
1821232C92	PUMP,LOW PRESSURE FUEL SUPPLY	1814695C1	SEAL, INJ. LOW
1829856C91	REGULATOR,INJ. O.P. CONTROL	1807261C1	SEAL, PRESS CONNECTOR
1825250C91	REGULATOR,INJ.PRESS	1807263C1	SEAL, PRESSOR SENSOR
1822045C1	RETAINER,FAN BRG	1822278C1	SEAL, RING
1834335C1	RETAINER,VALVE	1815874C1	SEAL,O-RING
1813824C1	RING	1824981C1	SEAL,BACK-UP RING
1812691C1	RING O	1827175C1	SEAL,DUST-POSE
1813823C1	RING O	1827177C1	SEAL,FRONT-RADIAL LIP TYPE
1817633C2	RING O CYL SLEEVE	1816000C1	SEAL,INJ PMP UP
1818400C1	RING, 1.484 ID "O"	1830805C1	SEAL,MIDDLE INJECTOR
1817587C1	RING, 2ND COMPRESSION	1825610C1	SEAL,O-RING
1817074C1	RING, CUSHION	1830284C1	SEAL,REAR POSE
1820353C1	RING, FILTER O	1825685C1	SEAL,REXROTH PUMP FLANGE
INTERING1	RING, INTER	1830172C1	SEAL,RING
1824941C1	RING, NOISE SPRES	1824683C1	SEAL,ROTATOR
379181R1	RING, O 5/8 X 3/4 CLASS 5	1823925C1	SEAL,VALVE STEM ASSY.
1824735C1	RING, O SEAL	1819099C1	SEAL,WATER PUMP
1824736C1	RING, O-SEAL	446839C1	SEALANT,
OILRING1	RING, OIL CON	1807369C2	SENSOR,OIL PRESSURE
1820812C1	RING, OIL CONTROL	1830592C91	SHAFT ASSY, ROCKER ARM
454319R1	RING, SNAP 1.041 EXT RET	1830593C92	SHAFT ASSY.,BRKT & ROCKER ARM
TOPRING	RING, TOP COMPR	1820294C1	SHAFT,IDLER LOWER
1817586C1	RING, TOP COMPRESSION	1820277C1	SHAFT,IDLER UPPER
1817073C2	RING, UPPER BACKUP	1827168C1	SHAFT,ROCKER ARM
1822135C1	RING, VENT TUBE "O"	1822277C1	SHROUD, WHEEL
1824948C1	RING,BRAZING	2644000R1	SLEEVE HEAT SHRINK
1817000C2	RING,CREVICE SEAL	1812348C1	SLEEVE, 3/8 TUBE -FLEX
1818402C2	RING,O	1815648C1	SLEEVE, CYLINDER
1818518C1	RING,O	1827176C91	SLEEVE,ASSY POSE
1820907C2	RING,O	2644038R1	SLEEVE,CABLE INSULATING
1822280C1	RING,O	1830706C1	SLEEVE,CYLINDER
1822998C1	RING,O	1818841C1	SLEEVE,INJ PUMP
1823010C1	RING,O	1833382C1	SLEEVE,INJECTOR



DESCRIPTION INDEX



PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
1827174C1	SLEEVE,WEAR		
1826345C1	SPACER		
1822276C1	SPACER, BEARING		
1820823C1	SPACER,FAN		
677349C1	SPRING		
1821146C1	SPRING, COMPRESSION		
1833235C1	SPRING,RELIEF VALVE		
1827316C1	SPRING,ROCKER SHAFT		
1825540C1	SPRING,VALVE EXHAUST		
1823742C1	STUD BOLT,M8X110X19		
1819245C1	STUD, M8 X 90 VALVE COVER		
1821642C3	STUD, TURBO ADAPTER		
1825406C91	SUPERCHARGER		
1809570C1	TAPPET		
1821143C1	TAPPET, SLIDING		
1830256C91	THERMOSTAT ASSEMBLY		
1807339C92	TRANSDUCER ASSY,CAMP		
1824949C1	TRANSDUCER,CAMP		
1812818C92	TRANSMITTER ASSY,INJ CONT		
1813658C2	TRANSMITTER, SENSOR BACK PRESS		
1814320C1	TRANSMITTER,SENSOR ENG TEMP		
691846C1	TUBE		
1829913C1	TUBE ASMBLY,BRTHER AMTRAN BUS		
1822599C91	TUBE ASSY., TURBO OIL INLET		
1829801C91	TUBE ASSY.,FINAL FILTER OUTLET		
1820225C93	TUBE ASSY.,OIL PICKUP		
1825520C91	TUBE ASSY.,TRANSFER PUMP IN		
1825521C93	TUBE ASSY.,TRNSFR PUMP OUTLET		
1820226C1	TUBE, OIL PUMP PICKUP		
1822131C1	TUBE, TURBO OIL DRAIN		
1830625C1	VAL COVER/INT. MANIFOLD		
1813818C1	VALVE		
1833344C1	VALVE		
1822530C92	VALVE ASSY, CHECK		
1825511C1	VALVE ASSY, REGULATOR		
1833386C1	VALVE ASSY., OIL RELIEF		
1823253C1	VALVE, CHECK BALL TYPE		
1825349C1	VALVE, INJ.PRES. REGULATOR		
1816216C1	VALVE, PRIMING		
1819418C2	VALVE, TEMP/PRESSURE		
1824840C1	VALVE,EXHAUST		
1826471C1	VALVE,INTAKE		
687024C1	WASHER		
691273C1	WASHER,COPPER		
26273R1	WASHER,LOCK .531X1.062X .134 P		


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PART NUMBER	FIGURE	ITEM	PART NUMBER	FIGURE	ITEM	PART NUMBER	FIGURE	ITEM
1171677R2	1823351C93	004	1817021C1	641007A004	003	1818552C1	1825555C93	004
16067DA	1827195C93	003	1817073C2	641011C054	001	1818552C1	641004B008	003
16067DA	1830593C92	004	1817074C1	641011C054	001	1818598C1	641004A002	003
1655349C1	641011L016	014	1817537C1	641004A002	005	1818693C1	641008D011	004
17135R1	1830596C91	002	1817545C1	1830613C91	003	1818702C1	1825555C93	005
1766 EMD	641015A011	025	1817560C2	641008F001	001	1818702C1	641004B008	004
1802870C1	1820225C93	004	1817574C1	1830622C92	005	1818716C4	641006B008	006
1802870C1	1820225C93	008	1817586C1	1822337C91	001	1818717C5	641006B008	005
1802871C1	1802870C1	003	1817587C1	1822337C91	002	1818726C1	641011E002	006
1802872C1	1802870C1	002	1817629C1	641005A003	007	1818841C1	1821232C92	014
1807261C1	1807419C95	007	1817633C2	1822322C92	001	1819005C1	1821232C92	006
1807263C1	1829856C91	002	1817671C1	641015D002	008	1819008C1	641011E002	001
1807263C1	641011E002	002	1817677C91	641011L016	010	1819099C1	641005A003	003
1807285C92	641009A002	004	1817687C96	641005A003	001	1819245C1	641008D011	005
1807296C1	641009A002	003	1817810C1	641005A003	006	1819271C1	641015D002	011
1807322C1	1807419C95	004	1817810C1	641005A003	008	1819418C2	1830622C92	007
1807336C1	1807419C95	008	1817811C1	641005A003	004	1819772C1	641011L016	029
1807339C92	641009B003	003	1817812C1	641005B001	005	1820064C2	1807339C92	002
1807369C2	641009B003	008	1817812C1	641006L001	003	1820203C93	1822102C95	002
1807419C95	641009A002	001	1817812C1	641009B003	004	1820204C92	1822101C95	002
1807428C1	1807419C95	003	1817812C1	641015D002	015	1820213C1	1830345C93	011
1807478C1	641009C010	001	1817817C1	641011E002	001	1820215C1	641008F001	003
1809570C1	641003C002	002	1817830C1	641014B002	004	1820225C93	641006L001	004
1809797C1	641011L016	026	1817867C92	641007C001	002	1820226C1	1820225C93	002
1810491C1	641011L016	021	1817953C1	641010L001	003	1820226C1	1820225C93	006
1812348C1	641011L016	018	1817956C1	641003A004	002	1820227C2	1820225C93	003
1812348C1	641011L016	019	1817956C1	641009C010	002	1820227C2	1820225C93	007
1812348C1	641011L016	020	1817956C1	641011L016	024	1820235C1	641008F001	004
1812348C1	641015D002	003	1817956C1	641015D002	013	1820277C1	1822102C95	003
1812691C1	1821232C92	005	1817957C1	641005M001	002	1820278C1	1822102C95	004
1812818C92	641009B003	001	1817957C1	641006B008	010	1820287C1	641003D002	003
1813658C2	641009B003	007	1817958C1	641005L008	007	1820294C1	1822101C95	003
1813818C1	1821232C92	009	1817958C1	641005P001	003	1820299C1	1830596C91	003
1813820C1	1821232C92	008	1817958C1	641006B008	009	1820301C1	1822101C95	004
1813821C1	1821232C92	011	1817958C1	641007C001	003	1820308C1	641005L008	008
1813822C1	1821232C92	012	1817958C1	641015D002	009	1820338C2	641010L001	001
1813823C1	1821232C92	013	1817959C1	641006B008	014	1820353C1	1823351C93	003
1813824C1	1821232C92	010	1817960C1	641006B008	008	1820353C1	641005M001	003
1813892C1	641003C002	001	1817960C1	641006L001	006	1820361C1	641005M001	001
1814149C2	641014B002	002	1817961C1	641008D011	003	1820381C93	1823351C93	001
1814320C1	641009B003	002	1817967C1	641008F001	002	1820381C93	641005M001	005
1814695C1	641011C054	001	1817967C1	641017L003	002	1820416C4	641006B008	001
1814737C2	1820225C93	001	1817974C1	641005P001	002	1820465C4	641006B008	007
1814737C2	1820225C93	005	1817978C1	641005L008	009	1820478C1	641011L016	004
1815421C1	641009M002	002	1817978C1	641011L016	017	1820590C1	641009L009	004
1815440C1	1822033C91	002	1817978C1	641015D002	014	1820606C1	641010L001	004
1815440C1	641007L010	001	1817993C1	641009L009	006	1820812C1	1822337C91	003
1815648C1	1825555C93	006	1818230C1	641005L008	010	1820813C1	641006B008	002
1815874C1	1812818C92	001	1818231C1	641009C010	003	1820823C1	641005L008	011
1815904C2	1830622C92	001	1818233C1	641017L003	004	1820858C2	1833113C91	001
1815924C2	641009A002	004	1818236C1	641011E002	001	1820858C2	641007B007	001
1816000C1	641011C054	001	1818400C1	1830622C92	007	1820878C2	641006B008	016
1816216C1	641011L016	009	1818402C2	641015D002	007	1820907C2	641006B008	015
1816722C2	641006L001	005	1818516C1	641011L016	011	1820909C1	641008D011	001
1817000C2	1822322C92	002	1818518C1	641011L016	013	1820919C1	641011L016	007



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PART NUMBER	FIGURE	ITEM	PART NUMBER	FIGURE	ITEM	PART NUMBER	FIGURE	ITEM
1820920C2	641006B008	013	1822646C1	641011E002	007	1825250C91	641011E002	002
1820923C1	1827195C93	004	1822897C1	1807419C95	005	1825349C1	1825250C91	001
1820923C1	1830593C92	004	1822998C1	1821232C92	015	1825406C91	641015A011	002
1820936C1	641015D002	012	1823010C1	1821232C92	004	1825414C91	1825406C91	001
1820951C1	641005B001	003	1823029C1	641011L016	003	1825436C1	641014B002	001
1820967C2	641011E002	001	1823029C1	641011L016	016	1825464C1	641003A004	004
1821013C1	1823278C92	004	1823253C1	1823351C93	001	1825467C1	641011L016	028
1821013C1	641006L001	001	1823253C1	641005M001	006	1825473C92	641011L016	003
1821143C1	1821232C92	002	1823260C2	641006M003	001	1825504C1	1823278C92	002
1821144C1	1821232C92	003	1823278C92	641006L001	001	1825504C1	641006L001	001
1821146C1	1821232C92	007	1823281C1	641006L001	007	1825511C1	641011L016	023
1821232C92	641011E002	001	1823306C1	641011L016	014	1825520C91	641011L016	018
1821290C1	1821232C92	001	1823311C1	1823278C92	001	1825521C93	641011L016	019
1821642C3	641014B002	006	1823311C1	641006L001	001	1825540C1	1830346C93	006
1821648C1	641015A011	025	1823733C2	641007C001	001	1825563C91	641011E002	008
1821896C1	641011C054	001	1823742C1	641008D011	006	1825610C1	1823278C92	003
1821962C2	641003C002	003	1823790C1	641011E002	008	1825610C1	641006L001	001
1821977C1	641014B002	003	1823809C1	641009L009	005	1825661C93	641011L016	001
1822006C1	1822050C91	001	1823812C1	1825406C91	016	1825685C1	641011E002	003
1822006C1	641005L008	002	1823813C1	1825406C91	014	1825688C1	1830624C1	002
1822018C1	641009L009	002	1823814C1	1825406C91	009	1825688C1	641008D011	002
1822033C91	641007L010	001	1823815C2	1825406C91	018	1825806C91	1825806C91	001
1822034C1	1822033C91	001	1823920C1	641011L016	027	1825806C91	1825806C91	002
1822034C1	641007L010	001	1823925C1	1830346C93	008	1825806C91	1825806C91	006
1822041C1	641009L009	001	1823929C1	641007B007	005	1825806C91	1825806C91	007
1822043C1	1822050C91	003	1823944C92	1830613C91	004	1826335C91	641006B008	002
1822043C1	641005L008	004	1823991C1	641007L010	002	1826345C1	1825250C91	003
1822045C1	1822050C91	005	1824635C1	1822102C95	001	1826345C1	1825806C91	005
1822045C1	641005L008	006	1824636C1	1822101C95	001	1826345C1	1825806C91	010
1822050C91	641005L008	001	1824644C1	1830346C93	005	1826412C1	1825555C93	001
1822086C1	641010L001	002	1824647C1	1830345C93	013	1826412C1	641004B008	001
1822101C95	641003D002	001	1824680C1	1830346C93	009	1826414C1	1825555C93	003
1822102C95	641003D002	002	1824683C1	1830346C93	009	1826414C1	641004B008	002
1822120C1	641015A011	001	1824723C1	641003A004	003	1826471C1	1830346C93	003
1822121C2	641006B008	003	1824735C1	1830622C92	003	1826587C1	641006L001	002
1822131C1	641015D002	006	1824736C1	1830622C92	002	1827113C2	1830345C93	001
1822135C1	641017L003	001	1824747C1	1830613C91	001	1827121C2	1830345C93	008
1822145C1	1822050C91	002	1824752C1	641011E002	005	1827157C2	1807419C95	011
1822145C1	641005L008	003	1824840C1	1830346C93	004	1827160C2	1807419C95	009
1822266C1	1825406C91	012	1824908C1	641009A002	004	1827168C1	1830592C91	001
1822267C1	1825406C91	011	1824910C91	1825406C91	004	1827174C1	1833113C91	003
1822268C1	1825406C91	002	1824911C1	641007C001	004	1827174C1	641007B007	001
1822269C1	1825406C91	019	1824924C1	641011L016	003	1827175C1	1833113C91	003
1822275C1	1825406C91	007	1824934C1	1825414C91	001	1827175C1	641007B007	001
1822276C1	1825406C91	010	1824941C1	1825414C91	002	1827176C91	1833113C91	003
1822277C1	1825406C91	006	1824948C1	1807339C92	003	1827176C91	641007B007	001
1822278C1	1825406C91	015	1824949C1	1807339C92	001	1827177C1	641013A003	001
1822280C1	1825406C91	013	1824978C1	1825250C91	002	1827193C1	1827195C93	002
1822289C1	1825406C91	003	1824978C1	1825806C91	004	1827193C1	1830593C92	004
1822290C1	1825406C91	005	1824978C1	1825806C91	009	1827195C93	1830593C92	004
1822292C1	1825406C91	008	1824981C1	1825806C91	003	1827316C1	1830593C92	003
1822502C1	1825555C93	002	1824981C1	1825806C91	008	1827395C92	641013A003	001
1822530C92	641011L016	014	1825181C91	1825181C91	001	1827396C2	641013A003	001
1822588C1	641011L016	008	1825181C91	641011L016	012	1827435C1	1830593C92	002
1822599C91	641015D002	001	1825250C91	1829856C91	001	1827743C3	1827195C93	001

PART NUMBER	FIGURE	ITEM	PART NUMBER	FIGURE	ITEM	PART NUMBER	FIGURE	ITEM
1827743C3	1830593C92	004	1833344C1	1833386C1	002	691273C1	641011L016	022
1829801C91	641011L016	020	1833344C1	641006B008	004	691846C1	641006M003	002
1829802C1	641011E002	004	1833382C1	1830345C93	010	893944R92	641015L001	001
1829856C91	641011E002	002	1833386C1	641006B008	004	9409949	1830346C93	012
1829913C1	641017L003	003	1834335C1	1833386C1	004	9410976	641011E002	008
1829944C1	641009C010	004	1834335C1	641006B008	004			
1829953C92	641009C010	004	2002176C2	641009A002	002			
1830108C1	641009C010	004	2003467C1	641005P001	001			
1830110C1	641009C010	004	218211	1830613C91	002			
1830149C1	641004A002	006	23623R1	1830345C93	012			
1830152C1	641004A002	002	24868R1	641009M002	006			
1830153C91	641004A002	001	25296R1	641009M002	003			
1830172C1	1823351C93	002	253660R2	641015D002	010			
1830172C1	641005M001	004	25526R1	641009M002	004			
1830177C91	641011E002	001	26273R1	641009M002	005			
1830256C91	641005B001	001	2644000R1	1807419C95	001			
1830269C1	641007A004	005	2644038R1	1807419C95	002			
1830284C1	641007C001	002	265205R1	641011L016	018			
1830310C2	1830345C93	006	265205R1	641011L016	019			
1830311C2	1830345C93	007	265205R1	641011L016	020			
1830317C1	641011C054	001	265205R1	641015D002	004			
1830345C93	1830346C93	001	30029R1	1822050C91	004			
1830346C92	641008A009	001	30029R1	641005L008	005			
1830346C93	641008A009	001	30360R1	641009A002	005			
1830505C1	641007A004	004	31083R1	641009L009	003			
1830506C1	641007A004	002	326541R1	1802870C1	001			
1830535C91	641009M002	001	327412R1	1830592C91	002			
1830592C91	1830593C92	001	347822R1	1830345C93	014			
1830593C92	641008C003	001	379181R1	641011L016	006			
1830596C91	641007A004	001	397630C1	641011L016	025			
1830613C91	641003A004	001	40050R1	641005A003	005			
1830620C1	1830596C91	001	40050R1	641006B008	011			
1830622C92	641013C002	001	40050R1	641009L009	007			
1830623C1	1830622C92	004	40055R1	641003D002	004			
1830624C1	641008D011	002	40086R1	1807419C95	010			
1830625C1	1830624C1	001	444612	641008D011	007			
1830625C1	641008D011	002	444613	1830346C93	010			
1830691C1	641011C054	001	444613	641009B003	006			
1830692C91	641011C054	001	444613	641014B002	005			
1830695C1	641011C054	001	444618	1830622C92	008			
1830706C1	641006A005	001	445751	1830346C93	011			
1830711C1	1830345C93	004	445751	641009B003	005			
1830712C1	1830345C93	002	446839C1	641006B008	012			
1830713C1	1830345C93	003	454319R1	1830593C92	005			
1830805C1	641011C054	001	55163R1	1833386C1	005			
1830974C1	641009C010	005	55163R1	641006B008	004			
1831251C1	1807419C95	012	606819C1	1830622C92	006			
1831376C1	1807419C95	011	606819C1	641011L016	015			
1831415C92	1807419C95	011	675364C1	1830596C91	004			
1833113C91	641007B007	001	675412C1	641007B007	004			
1833121C1	641013B002	001	677349C1	1830346C93	007			
1833234C1	1833386C1	001	680482C1	641013A003	001			
1833234C1	641006B008	004	686702C1	641010L001	005			
1833235C1	1833386C1	003	687024C1	641007B007	002			
1833235C1	641006B008	004	691044C1	641007B007	003			



NOTES

TITLE
FIGURE

ALTERNATOR - DELCO 22SI 24V70A	641009M002
ALTERNATOR BRACKET - 21SI (HEUI)	641009L009
ARM ASM ROCKER	1827195C93
C'SHAFT ASSY *EMD 2282	1830596C91
CAMSHAFT (I-308)	641003A004
CAMSHAFT ASSY	1830613C91
CONNECTING ROD (I-308)	641004A002
COOLANT FILTER - FULL SYSTEM RECHARGE	641005M001
COOLER ASS'Y,OIL	1830622C92
COVER ASSY, VALVE	1830624C1
CRANKCASE (I-308)	641006A005
CRANKSHAFT (I-308, 530)	641007A004
CYLINDER HEAD, (I-308/530)	641008A009
DAMPER ASM, VIBRATION	1833113C91
ELECTRICAL WIRING - REAR MTD CEC W/EOP	641009A002
ELECTRONIC SENSORS - FOR CEC W/EOP	641009B003
EXHAUST MANIFOLD	641014B002
FAN DRIVE - 15.1", 1.08:1 BOLT ON W/O FC	641005L008
FLYWHEEL HOUSING - SAE #2	641010L001
FLYWHEEL, 11.5 SAE #2	1822033C91
FLYWHEEL, 11.5" - SAE #2	641007L010
FRONT COVER, SAE B FLANGE	641006B008
FUEL FILTER AND PIPING - RACOR	641011L016
FUEL INJECTOR (I-308,530)	641011C054
GEAR ASM, IDLER LOWER	1822101C95
GEAR ASM, IDLER UPPER	1822102C95
HARN ASM, REAR MT 16 CEC	1807419C95
HEAD ASM, CYL EMD 2272	1830345C93
HEAD ASS'Y,CYL.* EMD 2272	1830346C93
HOUSING ASM, FAN	1822050C91
HOUSING COMPR, ASM	1825414C91
HYDRAULIC FUEL SYSTEM COMPS	641011E002
IDLER GEARS	641003D002
LIFTING EYE	641008F001
OIL COOLER (I-308)	641013C002
OIL FILTER	641013B002
OIL LEVEL GAUGE - FRONT AND REAR SUMP	641006M003
OIL PAN - REAR SUMP	641006L001
OIL PAN ASM	1823278C92
OIL PUMP (I-308,530)	641013A003
PACKAGE, COOLANT CONDITIONER	1823351C93
PACKAGE, CYL SLEEVE RINGS	1822322C92
PACKAGE, ELEMENT PRESSCREEN	1825181C91
PACKAGE, IPR SEAL	1825806C91
PACKAGE, PISTON & SLEEVE	1825555C93
PACKAGE, PISTON RINGS	1822337C91
PACKAGE, PISTON, SLEEVE & RINGS	1825548C94
PISTON - (530) HEUI 300 HP AND 330 HP	641004B008
PUMP ASM, FUEL SUPPLY	1821232C92
REAR MTG. CEC NAVPAK 24V	641009C010
REAR OIL SEALS	641007C001
REGULATOR ASM, INJECTOR PRESSURE W/SEAL	1829856C91
REGULATOR, INJECTOR PRESSURE	1825250C91

**TITLE**

ROCKER ARM
SCREEN,OIL INLET
SHAFT ASM, BRKT&ROCKER ARM
SHAFT, ROCKER ARM
SIDE VENTILATOR TUBE - FOR R.E. BUS
THERMOSTAT ASM
TRANSDUCER ASM, CAMP
TRANSDUCER ASM, ICP
TUBE ASM, OIL PICK-UP
TURBOCHARGER - REVERSE TURBO OEM
TURBOCHARGER ASM
TURBOCHARGER EXHAUST CLAMP
TURBOCHARGER PIPING
VALVE ASM, OIL RELIEF
VALVE COVER (I-308)
VALVE TAPPETS
VIBRATION DAMPER, I-308
WATER INLET ELBOW
WATER PUMP (530)

FIGURE

641008C003
1802870C1
1830593C92
1830592C91
641017L003
641005B001
1807339C92
1812818C92
1820225C93
641015A011
1825406C91
641015L001
641015D002
1833386C1
641008D011
641003C002
641007B007
641005P001
641005A003



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1802870C1 (NON-ILLUSTRATED) SCREEN,OIL INLET
001	326541R1	0001	SCREEN
002	1802872C1	0001	BODY, OIL INLET SCREEN
003	1802871C1	0001	PLATE, CONTROL



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1807339C92 (NON-ILLUSTRATED) TRANSDUCER ASM, CAMP
001	1824949C1	0001	% TRANSDUCER,CAMP
002	1820064C2	0001	% BRACKET, CAMP TRANSDUCER
003	1824948C1	0001	% RING,BRAZING
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1807419C95 (NON-ILLUSTRATED) HARN ASM, REAR MT 16 CEC
001	2644000R1	0002	% SLEEVE HEAT SHRINK
002	2644038R1	0001	% SLEEVE,CABLE INSULATING
003	1807428C1	0001	% PROD.GRAPH.WARN.LABEL
004	1807322C1	0001	CONNECTOR,IPR
005	1822897C1	0001	% CLIP,HARNESS RETAINER
007	1807261C1	0001	SEAL, PRESS CONNECTOR
008	1807336C1	0001	CLIP,HARNESS
009	1827160C2	0001	% COVER,ENGINE HARNESS
010	40086R1	0001	% SCREW,KNOB STD
011	1831415C92	0001	% KNOB,ASSY,CEC HARNESS(95)
	1831376C1	0001	% FASTENER,SPECIAL*KNOB O-RING
	1827157C2	0001	% KNOB,CEC HARNESS
012	1831251C1	0001	% INSULATOR,FOAM
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
001	1815874C1	0001	FIGURE 1812818C92 (NON-ILLUSTRATED) TRANSDUCER ASM, ICP SEAL,O-RING



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1820225C93 (NON-ILLUSTRATED) TUBE ASM, OIL PICK-UP
001	1814737C2	0001	% ELBOW, OIL PICK-UP
002	1820226C1	0001	TUBE, OIL PUMP PICKUP
003	1820227C2	0001	BRACKET,OIL PICKUP TUBE
004	1802870C1	0001	% SCREEN ASSEMBLY, OIL PICK-UP
005	1814737C2	0001	% ELBOW, OIL PICK-UP
006	1820226C1	0001	TUBE, OIL PUMP PICKUP
007	1820227C2	0001	BRACKET,OIL PICKUP TUBE
008	1802870C1	0001	% SCREEN ASSEMBLY, OIL PICK-UP
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1821232C92 (NON-ILLUSTRATED) PUMP ASM, FUEL SUPPLY
001	1821290C1	0001	HOUSING, PUMP
002	1821143C1	0001	TAPPET, SLIDING
003	1821144C1	0001	ROLLER TAPPET, SHELL
004	1823010C1	0001	RING,O
005	1812691C1	0001	RING O
006	1819005C1	0001	PLUNGER, PUMP
007	1821146C1	0001	SPRING, COMPRESSION
008	1813820C1	0002	PLATE
009	1813818C1	0001	VALVE
010	1813824C1	0001	RING
011	1813821C1	0001	BUSHING
012	1813822C1	0001	PLUG,INJ PUMP
013	1813823C1	0001	RING O
014	1818841C1	0002	SLEEVE,INJ PUMP
015	1822998C1	0001	RING,O



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1822033C91 (NON-ILLUSTRATED) FLYWHEEL, 11.5 SAE #2
001	1822034C1	0001	FLYWHEEL,ENG
002	1815440C1	0001	GEAR RING EMD 1208



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1822050C91 (NON-ILLUSTRATED)
			HOUSING ASM, FAN
001	1822006C1	0001	% HUB, FAN & PULLEY MTG.
002	1822145C1	0001	% HOUSING, FAN BEARING
003	1822043C1	0001	BEARING, FAN
004	30029R1	0001	BOLT, M10 X 70 PHC CLASS 10.9
005	1822045C1	0001	% RETAINER, FAN BRG
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1822101C95 (NON-ILLUSTRATED) GEAR ASM, IDLER LOWER
001	1824636C1	0001	% GEAR, IDLER LOWER (HEUI)
002	1820204C92	0001	GEAR ASSY, LOWER IDLER
003	1820294C1	0001	SHAFT, IDLER LOWER
004	1820301C1	0001	NUT, LOWER IDLER SHAFT
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1822102C95 (NON-ILLUSTRATED) GEAR ASM, IDLER UPPER
001	1824635C1	0001	% GEAR, IDLER UPPER (HEUI)
002	1820203C93	0001	GEAR ASSY, UPPER IDLER
003	1820277C1	0001	SHAFT, IDLER UPPER
004	1820278C1	0001	NUT, UPPER IDLER SHAFT
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
001	1817633C2	0001	FIGURE 1822322C92 (NON-ILLUSTRATED)
002	1817000C2	0001	PACKAGE, CYL SLEEVE RINGS
			RING O CYL SLEEVE
			RING,CREVICE SEAL



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1822337C91 (NON-ILLUSTRATED) PACKAGE, PISTON RINGS
001	1817586C1	0001	% RING, TOP COMPRESSION
002	1817587C1	0001	% RING, 2ND COMPRESSION
003	1820812C1	0001	% RING, OIL CONTROL
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1823278C92 (NON-ILLUSTRATED)
			OIL PAN ASM
001	1823311C1	0001	% PAN SUB-ASSY., OIL (24 QT)
002	1825504C1	0001	PLUG, FLANGED HEX HEAD
003	1825610C1	0001	SEAL, O-RING
004	1821013C1	0001	% BLOCK, TAPPING-DRAIN PLUG
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1823351C93 (NON-ILLUSTRATED) PACKAGE, COOLANT CONDITIONER
001	1820381C93	0001	HEADER ASSY, COOLANT FILTER
	1823253C1	0002	VALVE, CHECK BALL TYPE
002	1830172C1	0001	SEAL,RING
003	1820353C1	0001	RING, FILTER O
004	1171677R2	0001	INSTRUCTION SHEET



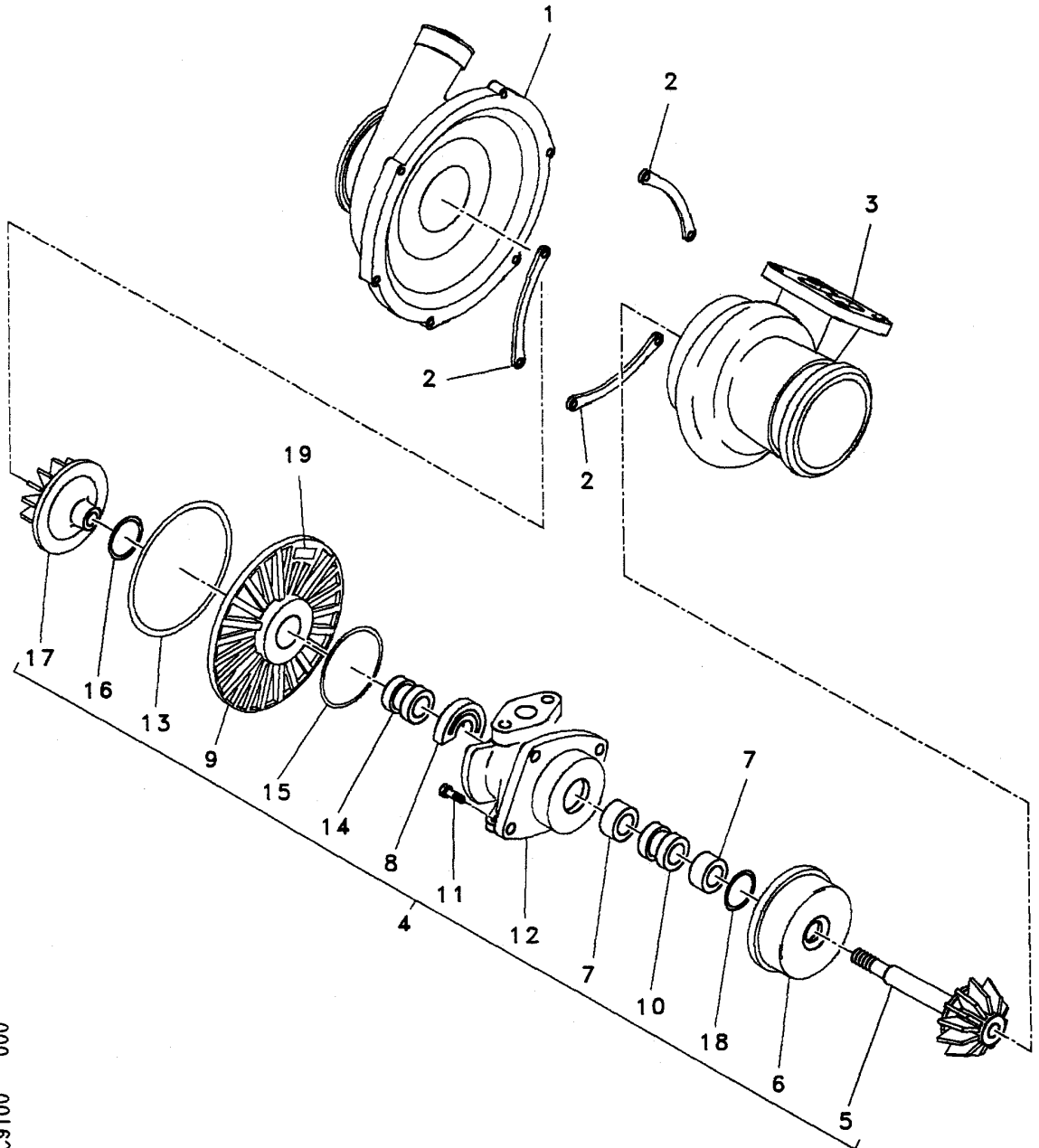
ITEM	PART NUMBER	QTY	DESCRIPTION
001	1825181C91	0001	FIGURE 1825181C91 (NON-ILLUSTRATED) PACKAGE, ELEMENT PRESCREEN PACKAGE,ELEMENT-PRESCREEN



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1825250C91 (NON-ILLUSTRATED) REGULATOR, INJECTOR PRESSURE
001	1825349C1	0001	% VALVE, INJ.PRES. REGULATOR
002	1824978C1	0001	NUT,(IPR)
003	1826345C1	0001	% SPACER
	1825806C91		PACKAGE,IPR SEALS
			FOR PARTS LIST SEE 1825806C91
			% NOT SERVICED



NOTES



1825632C9100 000



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1825406C91
			TURBOCHARGER ASM
001	1825414C91	0001	HOUSING ASSY.
002	1822268C1	0003	CLAMP,CHOKE CABLE OR THROTTLE
003	1822289C1	0001	% HOUSING, TURBINE
004	1824910C91	0001	% HOUSING, ROTATING ASSY
005	1822290C1	0001	% ROTOR,TURBOCHARGER
006	1822277C1	0001	% SHROUD, WHEEL
007	1822275C1	0002	% BEARING, JOURNAL
008	1822292C1	0001	% BEARING,THRUST
009	1823814C1	0001	% PLATE,BACK UP
010	1822276C1	0001	% SPACER, BEARING
011	1822267C1	0014	BOLT,U SPECIAL
012	1822266C1	0001	% HOUSING, CENTER
013	1822280C1	0001	RING,O
014	1823813C1	0001	% COLLAR,THRUST
015	1822278C1	0001	% SEAL, RING
016	1823812C1	0001	% RING,PISTON
018	1823815C2	0001	% RING,PISTON
019	1822269C1	0001	NAMEPLATE
		%	NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1825414C91 (NON-ILLUSTRATED)
			HOUSING COMPR, ASM
001	1824934C1	0001	HOUSING, COMPR
002	1824941C1	0001	RING, NOISE SPRES



ITEM	PART NUMBER	QTY	DESCRIPTION
	1825555C93 1822337C91		FIGURE 1825548C94 (NON-ILLUSTRATED) PACKAGE, PISTON, SLEEVE & RINGS PACKAGE, PISTON & SLEEVE FOR PARTS LIST SEE 1825555C93 PACKAGE,PISTON RING FOR PARTS LIST SEE 1822337C91



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1825555C93 (NON-ILLUSTRATED) PACKAGE, PISTON & SLEEVE
001	1826412C1	0001	PISTON,CROWN (530)
002	1822502C1	AR	% BUSHING, PISTON
003	1826414C1	0001	PISTON, ART. SKIRT (530)
004	1818552C1	0001	PIN,PISTON
005	1818702C1	0002	RING,PISTON PIN
006	1815648C1	0001	SLEEVE, CYLINDER
	1822322C92		PACKAGE,CYL SLEEVE RING
			FOR PARTS LIST SEE 1822322C92
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1825806C91 (NON-ILLUSTRATED) PACKAGE, IPR SEAL
001	1825806C91	0001	PACKAGE,IPR SEALS
002	1825806C91	0001	PACKAGE,IPR SEALS
003	1824981C1	0001	SEAL,BACK-UP RING
004	1824978C1	0001	NUT,(IPR)
005	1826345C1	0001	% SPACER
006	1825806C91	0001	PACKAGE,IPR SEALS
007	1825806C91	0001	PACKAGE,IPR SEALS
008	1824981C1	0001	SEAL,BACK-UP RING
009	1824978C1	0001	NUT,(IPR)
010	1826345C1	0001	% SPACER
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1827195C93 (NON-ILLUSTRATED) ARM ASM ROCKER
001	1827743C3	0001	% ARM, ROCKER
002	1827193C1	0001	% BUTTON, ROCKER ARM
003	16067DA	0001	SCREW,ROCKER ARM ADJ
004	1820923C1	0001	NUT, VALVE ADJ SCREW
			% NOT SERVICED



SERIAL NUMBER WS4646D



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1829856C91 (NON-ILLUSTRATED) REGULATOR ASM, INJECTOR PRESSURE W/SEAL
001	1825250C91	0001	REGULATOR, INJ. PRESS
002	1807263C1	0001	SEAL, PRESSOR SENSOR



ITEM	PART NUMBER	QTY	DESCRIPTION
FIGURE 1830345C93 (NON-ILLUSTRATED) HEAD ASM, CYL EMD 2272			
001	1827113C2	0001	% HEAD,CYLINDER
002	1830712C1	0000	INSERT,EXH
003	1830713C1	0000	INSERT,EXH
004	1830711C1	0006	INSERT,EXH
006	1830310C2	0006	INSERT,INT SEAT
007	1830311C2	0001	INSERT,INT SEAT
008	1827121C2	0006	INSERT,EXH
010	1833382C1	0006	SLEEVE,INJECTOR
011	1820213C1	0012	GUIDE,VALVE TAPPET
012	23623R1	0014	PLUG, 1-1/4 CUP
013	1824647C1	0012	GUIDE,VALVE (SERVICE)
014	347822R1	0001	PLUG, 5/8 CUP
			% NOT SERVICED



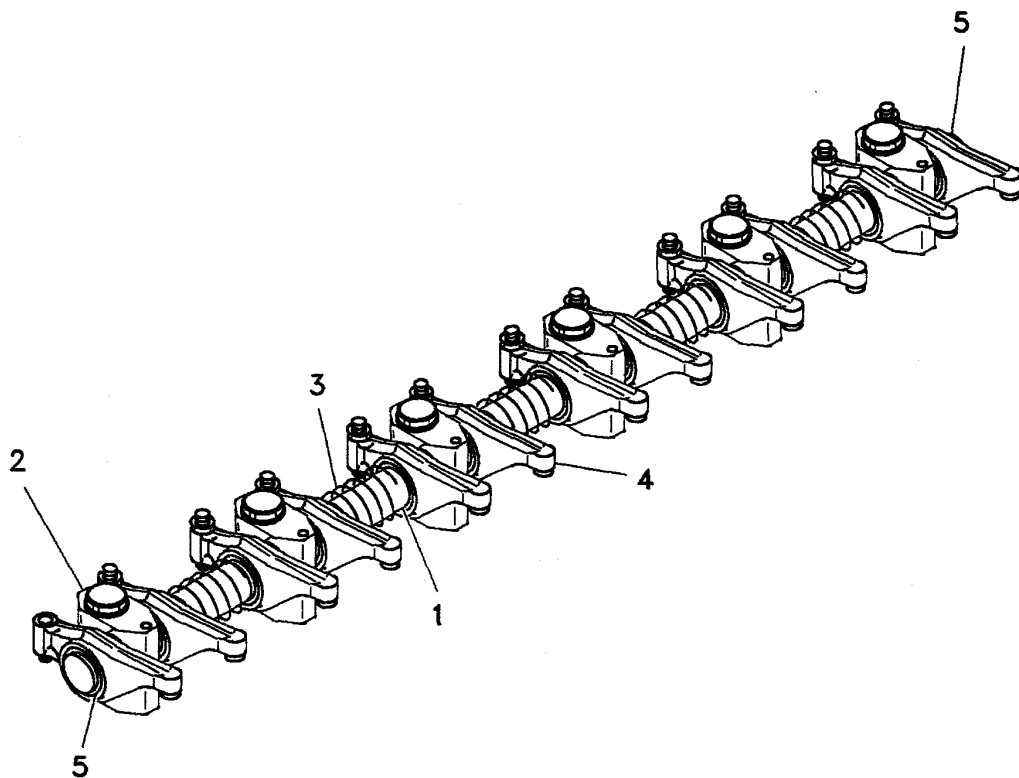
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830346C93 (NON-ILLUSTRATED) HEAD ASS'Y,CYL.* EMD 2272
001	1830345C93	0001	% HEAD ASSY.,CYLINDER
003	1826471C1	0006	VALVE,INTAKE
004	1824840C1	0006	VALVE,EXHAUST
005	1824644C1	0024	KEY,MANIF HEAT CONT LEVER
006	1825540C1	0006	SPRING,VALVE EXHAUST
007	677349C1	0006	SPRING
008	1823925C1	0012	SEAL,VALVE STEM ASSY.
009	1824680C1	0012	ROTATOR,VALVE
	1824683C1	0001	SEAL,ROTATOR
010	444613	0001	PLUG, 1/8-27 ZNP H/HD AUTO PIP
011	445751	0003	PLUG, 1/2-14 PLN SQ/SKT AUTO P
012	9409949	0001	PLUG,PIPE 3/4 NPT
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830592C91 (NON-ILLUSTRATED) SHAFT, ROCKER ARM
001	1827168C1	0001	% SHAFT,ROCKER ARM
002	327412R1	0002	% PLUG, 13/16 CUP
			% NOT SERVICED



NOTES



1830593C9200 000



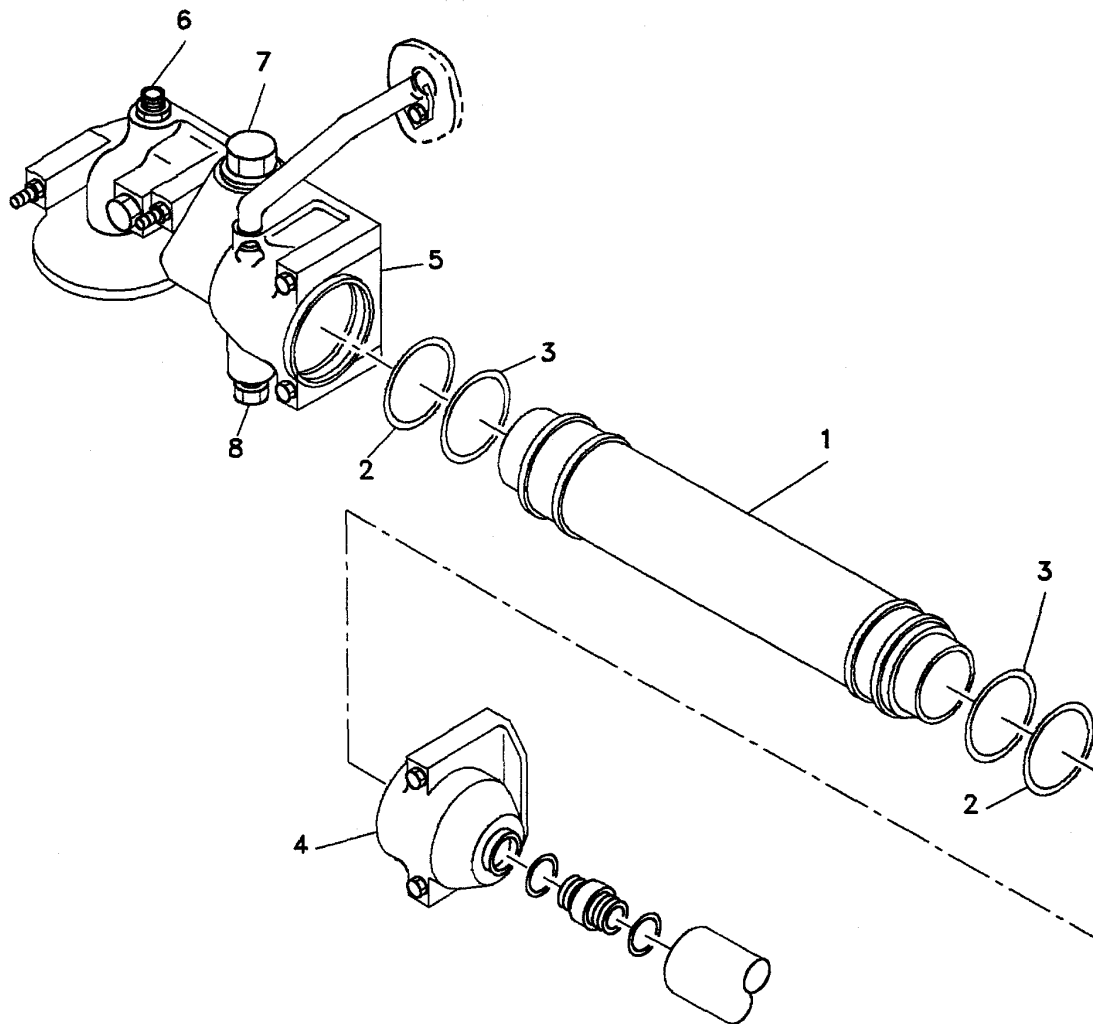
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830593C92 SHAFT ASM, BRKT&ROCKER ARM
001	1830592C91	0001	% SHAFT ASSY, ROCKER ARM
002	1827435C1	0006	BRACKET,ROCKET SHAFT
003	1827316C1	0005	SPRING,ROCKER SHAFT
004	1827195C93	0012	AMR,ROCKER
	1827743C3	0001	% ARM, ROCKER
	1827193C1	0001	% BUTTON, ROCKER ARM
	16067DA	0001	SCREW,ROCKER ARM ADJ
	1820923C1	0001	NUT, VALVE ADJ SCREW
005	454319R1	0002	RING, SNAP 1.041 EXT RET
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830596C91 (NON-ILLUSTRATED) C'SHAFT ASSY *EMD 2282
001	1830620C1	0001	% CRANKSHAFT (I-308,530)
002	17135R1	0001	PIN, 5/32 X 5/16 PLN SLT-SPR
003	1820299C1	0001	GEAR, CRANKSHAFT
004	675364C1	0001	GEAR
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830613C91 (NON-ILLUSTRATED)
			CAMSHAFT ASSY
001	1824747C1	0001	% CAMSHAFT,MACHINING
002	218211	0001	KEY, 1/4 X 3/4 SAE 91 WOODRUFF
003	1817545C1	0001	PLATE,CAMSHAFT THRUST FLANGE
004	1823944C92	0001	GEAR ASSY,CAMSHAFT
			% NOT SERVICED



1817980C9300 000



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830622C92
			COOLER ASS'Y,OIL
001	1815904C2	0001	COOLER,OIL
002	1824736C1	0002	RING, O-SEAL
003	1824735C1	0002	RING, O SEAL
004	1830623C1	0001	% HEADER, OIL COOLER FRONT
005	1817574C1	0001	HEADER, OIL COOLER FLTR
006	606819C1	0001	CONNECTOR,FLEX TUBE
007	1819418C2	0001	VALVE, TEMP/PRESSURE
	1818400C1	0001	RING, 1.484 ID "O"
008	444618	0002	PLUG, 1/4-18 PLN H/HD AUTO PIP
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1830624C1 (NON-ILLUSTRATED) COVER ASSY, VALVE
001	1830625C1	0001	% VAL COVER/INT. MANIFOLD
002	1825688C1	0002	% ELEMENT,BREATHER
			% NOT SERVICED



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1833113C91 (NON-ILLUSTRATED) DAMPER ASM, VIBRATION
001	1820858C2	0001	% DAMPER,VIBRATION
003	1827176C91	0001	% SLEEVE,ASSY POSE
	1827174C1	0001	% SLEEVE,WEAR
	1827175C1	0001	% SEAL,DUST-POSE
			% NOT SERVICED

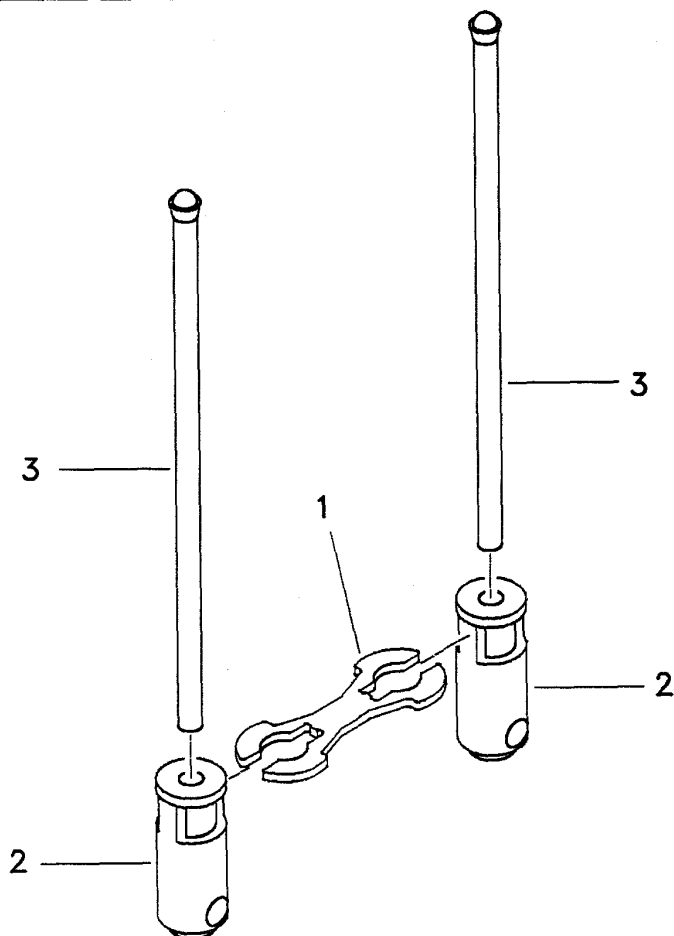


ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 1833386C1 (NON-ILLUSTRATED) VALVE ASM, OIL RELIEF
001	1833234C1	0001	% HOUSING, VALVE
002	1833344C1	0001	% VALVE
003	1833235C1	0001	% SPRING, RELIEF VALVE
004	1834335C1	0001	% RETAINER, VALVE
005	55163R1	0001	% RING, SNAP HYDV HYD CYL CON .83
			% NOT SERVICED



SERIAL NUMBER WS4646D

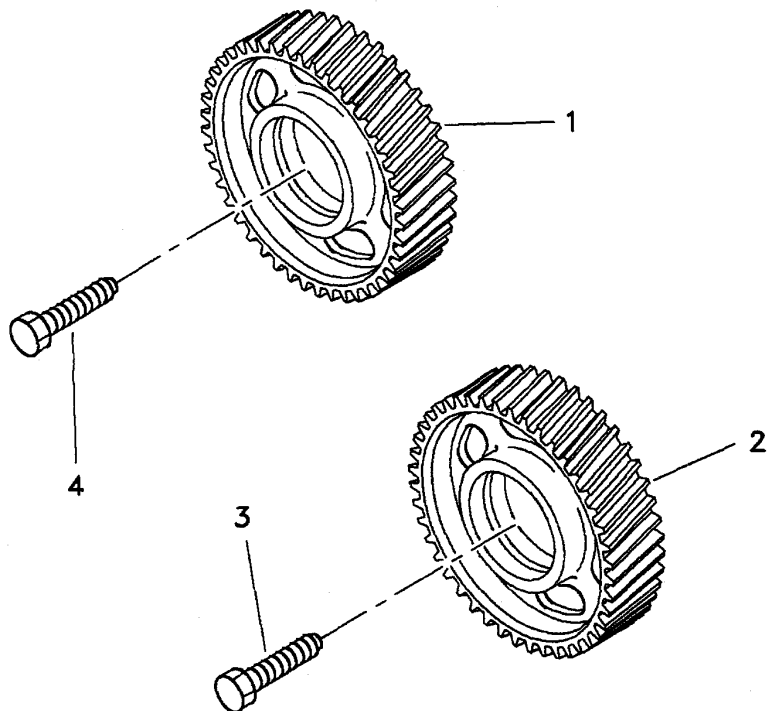
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641003A004 (NON-ILLUSTRATED)
			CAMSHAFT (I-308)
001	1830613C91	0001	CAMSHAFT ASM
002	1817956C1	0002	BOLT, M8X20MM HEX FLANGE
003	1824723C1	0001	DISC,TIMING SENSOR
004	1825464C1	0003	SCREW,FL HD M5X12



641003C00200 B98



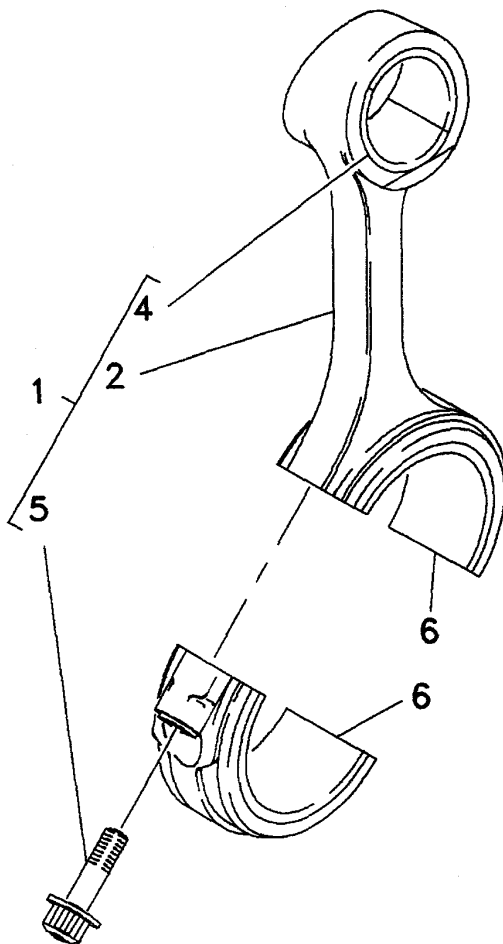
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641003C002
			VALVE TAPPETS
001	1813892C1	0006	GUIDE,ROLLER TAPPET
002	1809570C1	0012	TAPPET
003	1821962C2	0012	ROD PUSH ASSEMBLY



641003D00100 B98



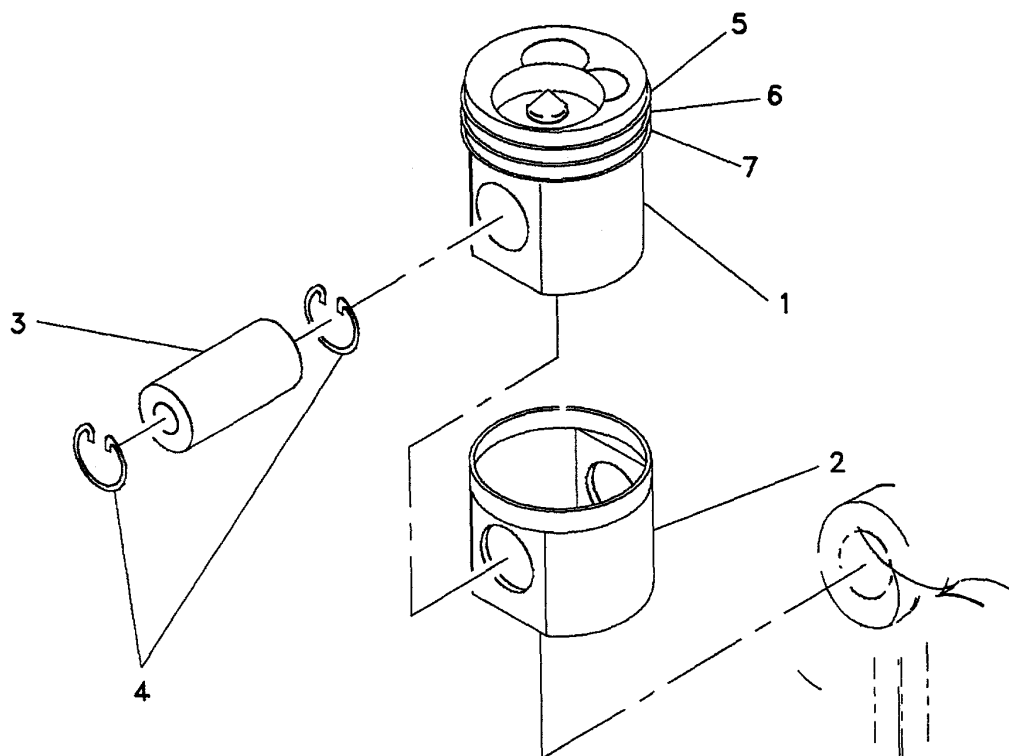
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641003D002
			IDLER GEARS
001	1822101C95	0001	GEAR ASSY, LOWER
002	1822102C95	0001	GEAR ASSY., UPPER
003	1820287C1	0001	BOLT, UPPER IDLER GEAR RET
004	40055R1	0001	BOLT, M20 X 70 12PT



641004A00100 B98



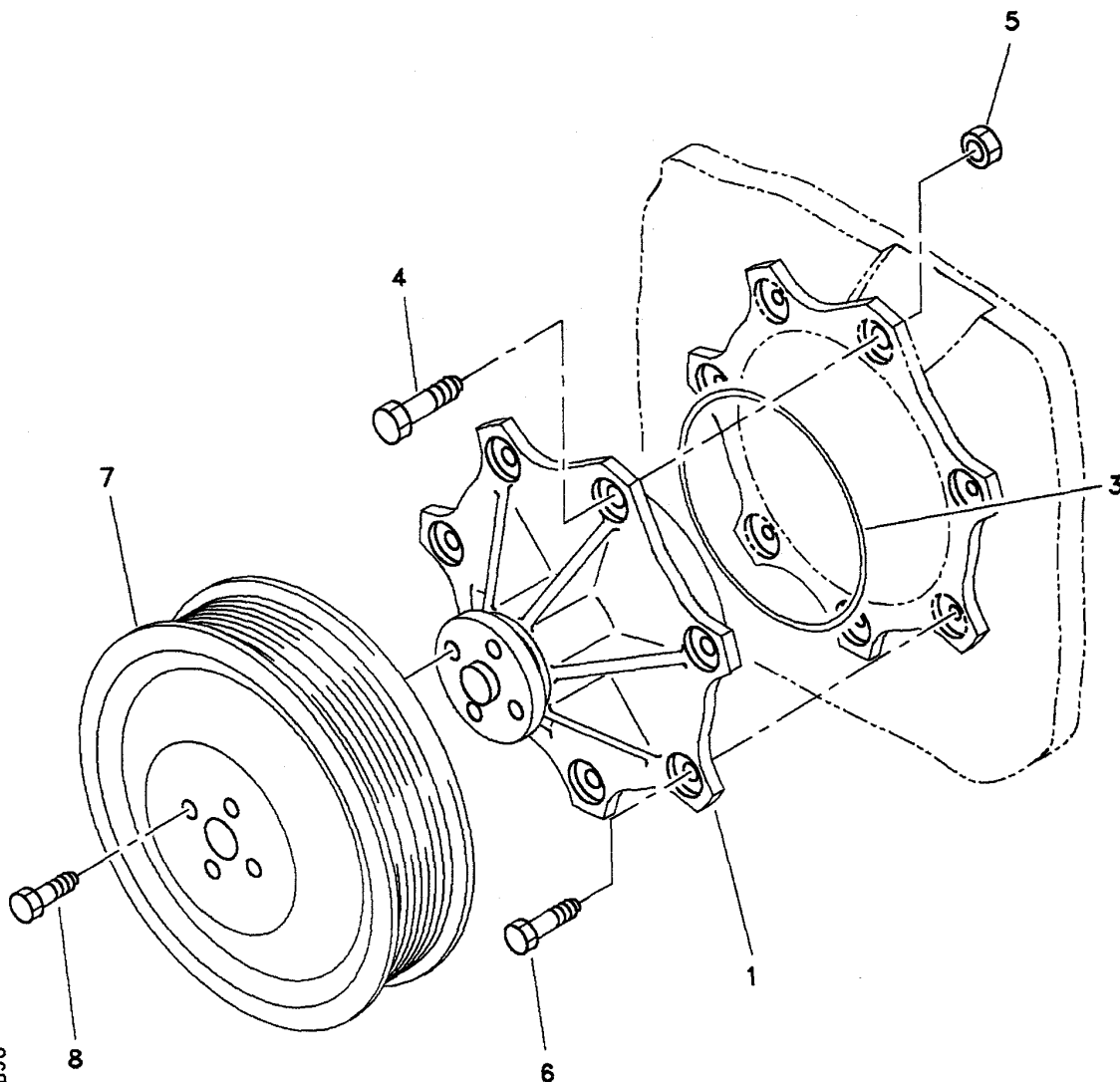
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641004A002
			CONNECTING ROD (I-308)
001	1830153C91	0006	ROD,ASM CONNECTING
002	1830152C1	0001	% ROD & CAP, CONNECTING
004	1818598C1	0001	BUSHING, CONN ROD
005	1817537C1	0002	BOLT,CONN ROD
006	1830149C1	0012	% BEARING,CONN ROD
			% NOT SERVICED



641004B01400 K97



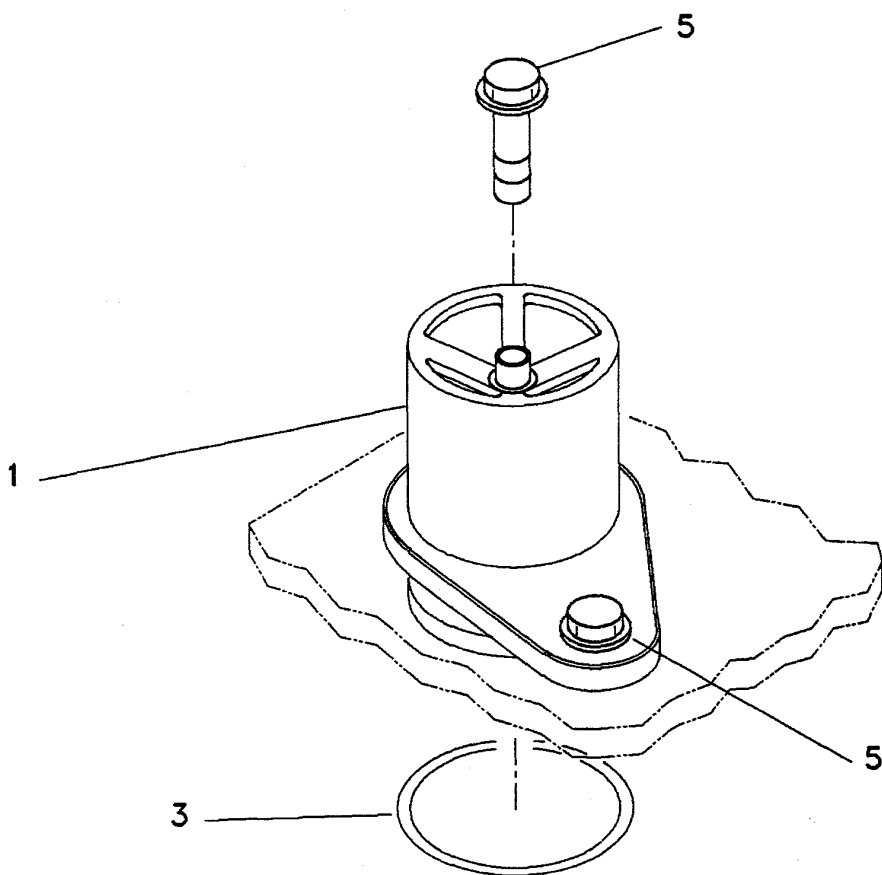
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641004B008 PISTON - (530) HEUI 300 HP AND 330 HP
001	1826412C1	0006	KA PISTON,CROWN (530)
002	1826414C1	0006	KA PISTON, ART. SKIRT (530)
003	1818552C1	0006	KA PIN,PISTON
004	1818702C1	0012	KA RING,PISTON PIN
005	TOPRING	0006	KB RING, TOP COMPR
006	INTERING1	0006	KB RING, INTER
007	OILRING1	0006	KB RING, OIL CON
	1825548C94		PACKAGE,PISTON,SLEEVE & RING (CONSISTS OF PARTS DENOTED BY KA)
	1822337C91		PACKAGE,PISTON RING (CONSISTS OF PARTS DENOTED BY KB)



B98
641005A00100



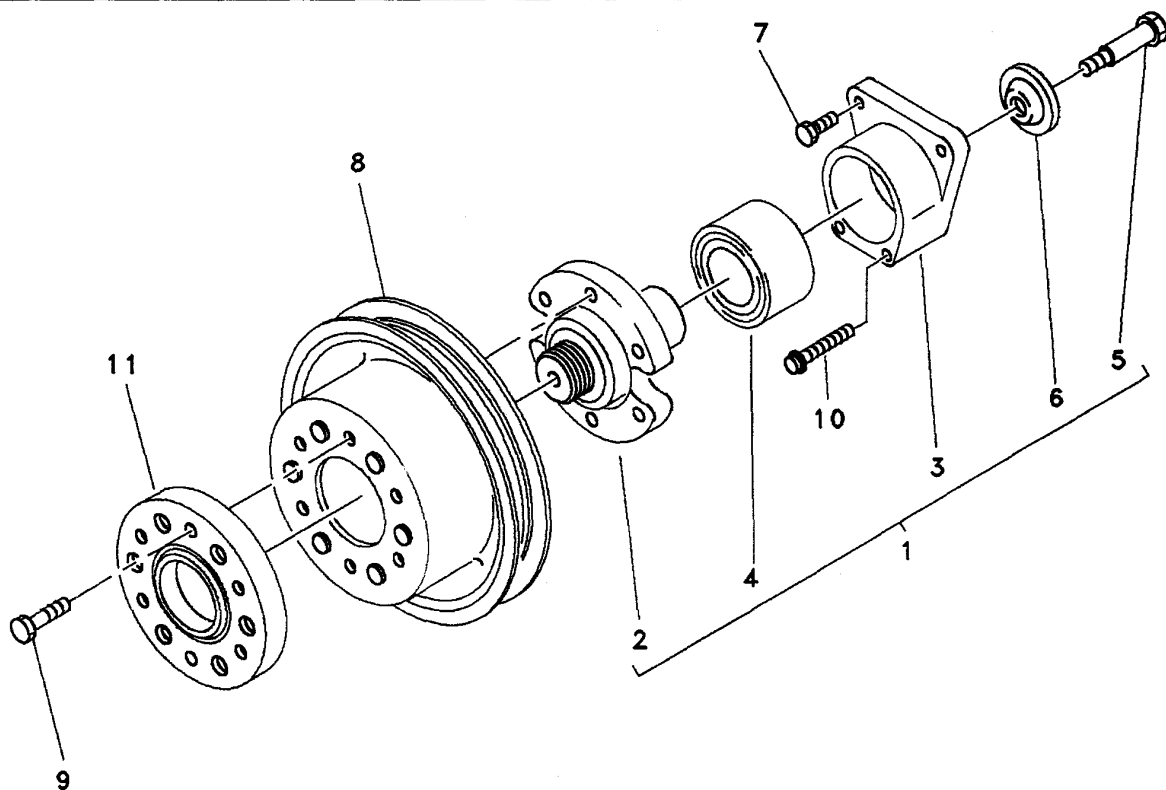
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641005A003
			WATER PUMP (530)
001	1817687C96	0001	PUMP ASSEMBLY, WATER
003	1819099C1	0001	SEAL, WATER PUMP
004	1817811C1	0001	BOLT M8 X 1.25 6Q 60MM
005	40050R1	0001	NUT, SPECIAL
006	1817810C1	0006	BOLT, M6 X 1.25 6Q 12MM
007	1817629C1	0001	PULLEY, WATER PUMP
008	1817810C1	0004	BOLT, M6 X 1.25 6Q 12MM



641005B00100 B98



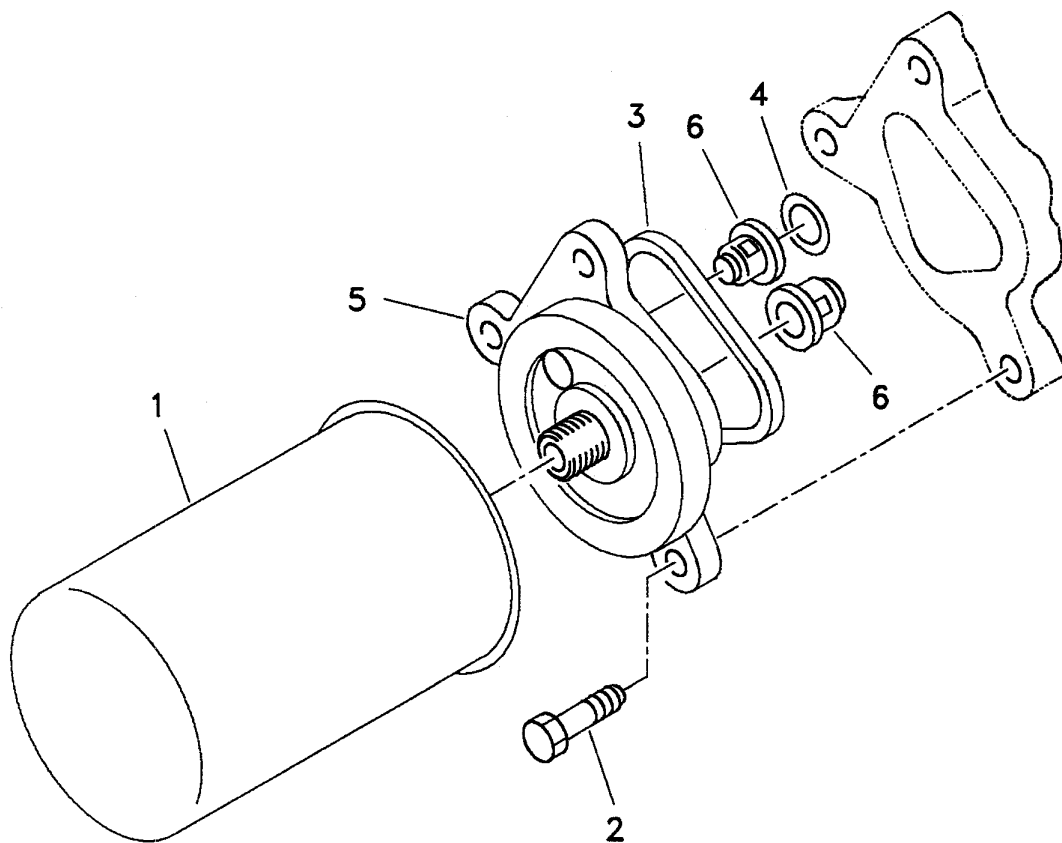
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641005B001 THERMOSTAT ASM
001	1830256C91	0001	THERMOSTAT ASSEMBLY
003	1820951C1	0001	RING,THERMOSTAT
005	1817812C1	0002	BOLT, M8X16 HEX FLANGE



641005L00800 B98

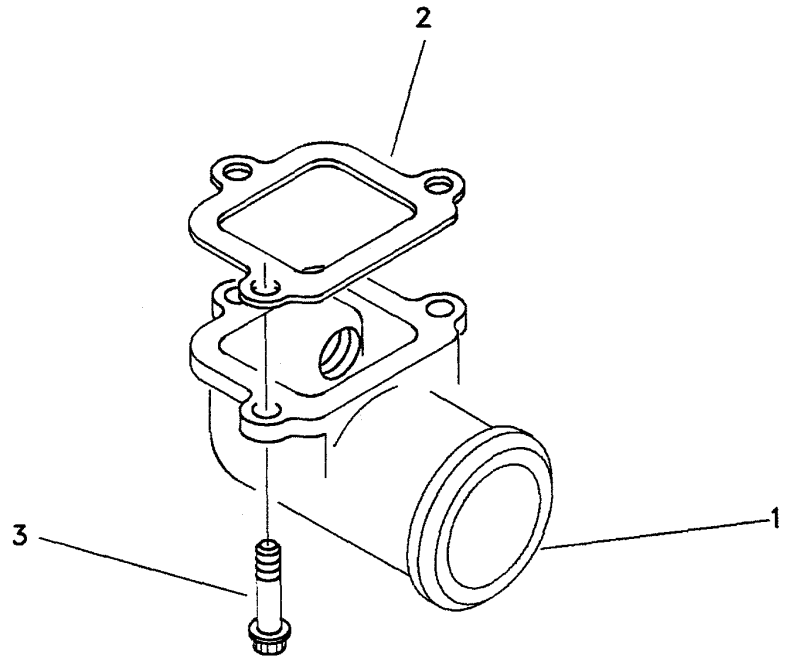


ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641005L008 FAN DRIVE - 15.1", 1.08:1 BOLT ON W/O FC
001	1822050C91	0001	HOUSING ASSY, FAN
002	1822006C1	0001	% HUB, FAN & PULLEY MTG.
003	1822145C1	0001	% HOUSING, FAN BEARING
004	1822043C1	0001	BEARING, FAN
005	30029R1	0001	BOLT, M10 X 70 PHC CLASS 10.9
006	1822045C1	0001	% RETAINER, FAN BRG
007	1817958C1	0002	BOLT, M8X30 HEX FLANGE
008	1820308C1	0001	PULLEY, FAN
009	1817978C1	0006	BOLT, M8 X 35 HEX FLG
010	1818230C1	0002	BOLT, M8X65 HEX FLANGE
011	1820823C1	0001	SPACER, FAN
		%	NOT SERVICED





ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641005M001
			COOLANT FILTER - FULL SYSTEM RECHARGE
001	1820361C1	0001	FILTER, COOLANT
002	1817957C1	0003	BOLT, M8X25 HEX FLANGE
003	1820353C1	0001	KA RING, FILTER O
004	1830172C1	0001	KA SEAL,RING
005	1820381C93	0001	KA HEADER ASSY, COOLANT FILTER
006	1823253C1	0002	VALVE, CHECK BALL TYPE
	1823351C93		PACKAGE,COOLANT CONDITIONER (CONSISTS OF PARTS DENOTED BY KA)



641005P00100 B98



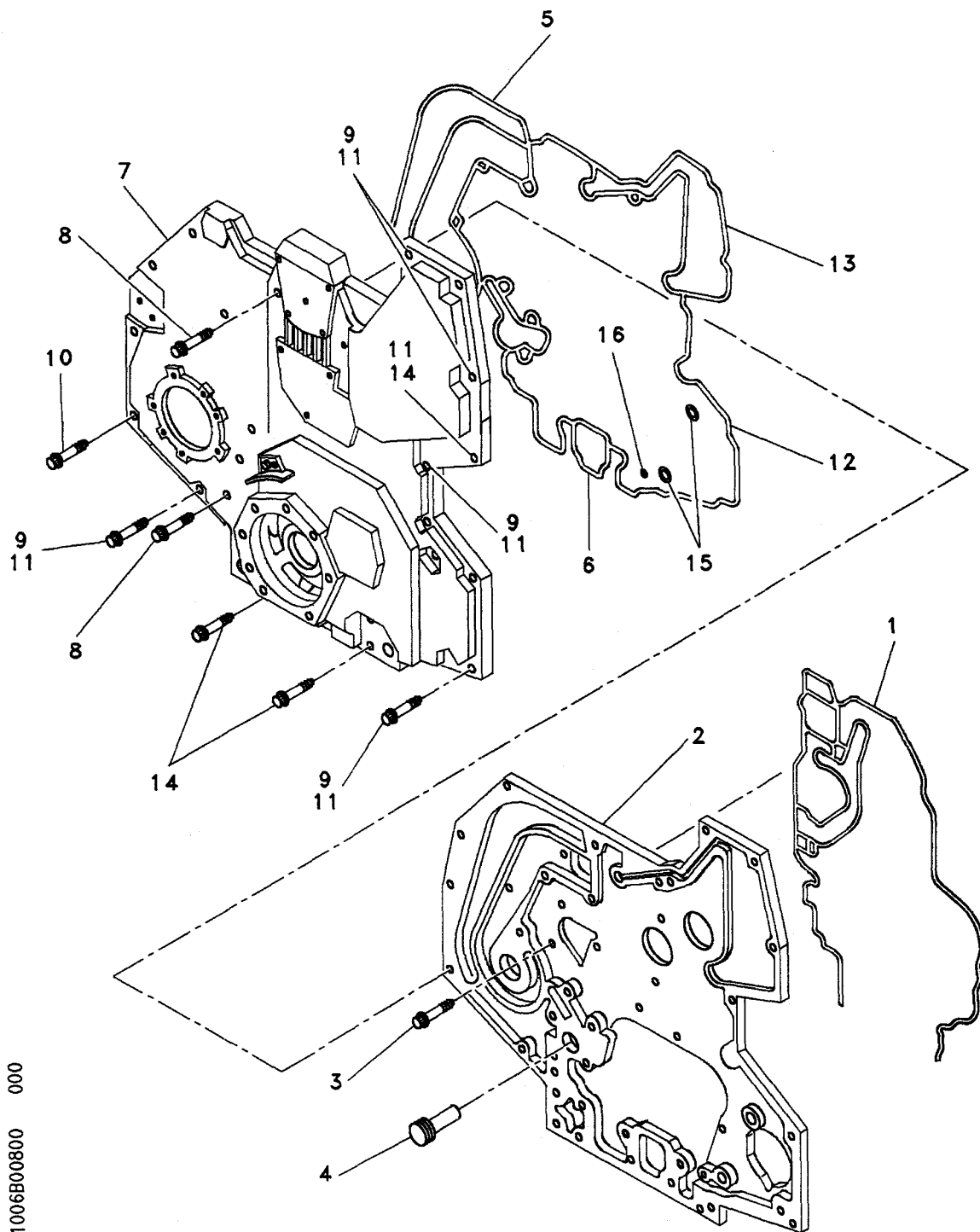
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641005P001 WATER INLET ELBOW
001	2003467C1	0001	INLET, WATER ENGINE
002	1817974C1	0001	GASKET, WATER INLET ELBOW
003	1817958C1	0003	BOLT, M8X30 HEX FLANGE



ITEM	PART NUMBER	QTY	DESCRIPTION
001	1830706C1	0006	FIGURE 641006A005 (NON-ILLUSTRATED) CRANKCASE (I-308) % SLEEVE,CYLINDER % NOT SERVICED



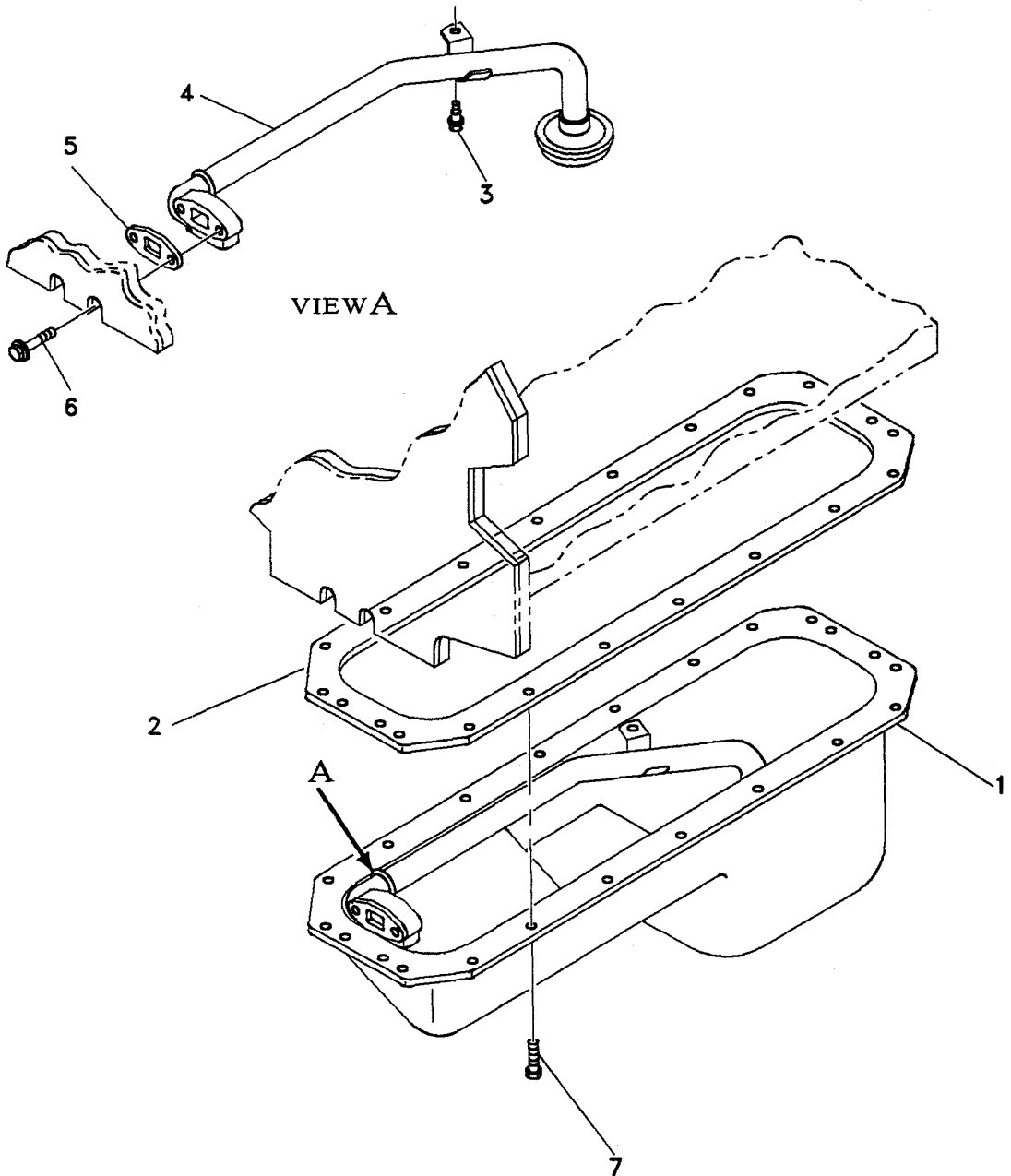
NOTES



641006B00800 000



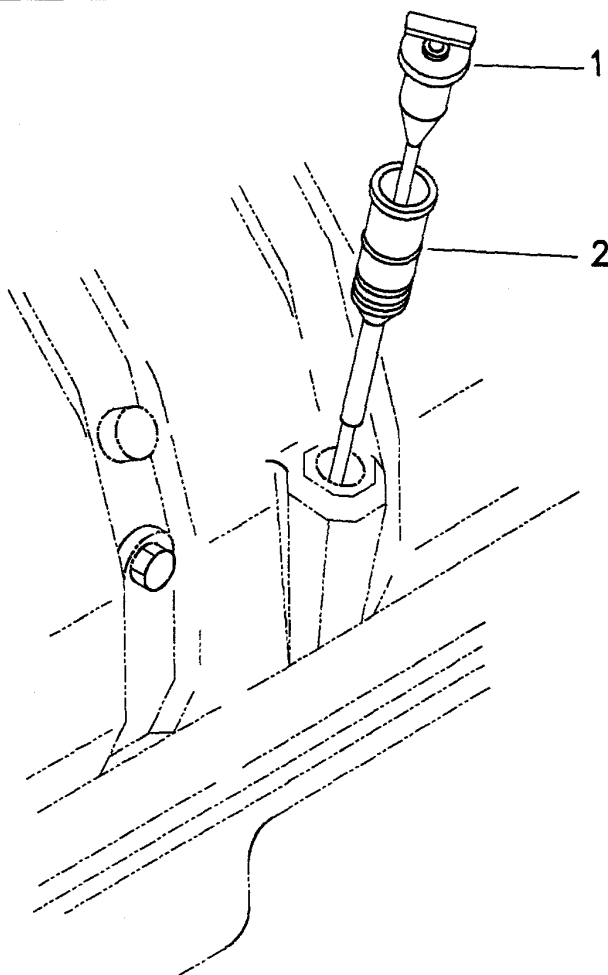
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641006B008
			FRONT COVER, SAE B FLANGE
001	1820416C4	0001	GASKET,FRONT COVER TO CRANKCSE
002	1826335C91	0001	COVER ASSY.,FRONT (REAR HALF)
	1820813C1	0004	PIN,REAR FRT COVER DOWEL
003	1822121C2	0009	BOLT, HF SPCL-M8P
004	1833386C1	0001	VALVE ASSY., OIL RELIEF
	1833234C1	0001	% HOUSING,VALVE
	1833344C1	0001	% VALVE
	1833235C1	0001	% SPRING,RELIEF VALVE
	1834335C1	0001	% RETAINER,VALVE
	55163R1	0001	% RING,SNAP HYDV HYD CYL CON .83
005	1818717C5	0001	GASKET,FRONT COVER
006	1818716C4	0001	GASKET,FC OIL SUCTION
007	1820465C4	0001	COVER, FRONT (FRONT HALF)
008	1817960C1	0006	BOLT, MB X 1.25 6Q 45MM
009	1817958C1	0008	BOLT,M8X30 HEX FLANGE
010	1817957C1	0001	BOLT, M8X25 HEX FLANGE
011	40050R1	0009	NUT,SPECIAL
012	446839C1	0001	SEALANT,
013	1820920C2	0001	GASKET, RESERVOIR
014	1817959C1	0005	BOLT, M8X40 HEX FLANGE
015	1820907C2	0003	RING,O
016	1820878C2	0001	SEAL, FRONT COVER
		%	NOT SERVICED



641006L00100 B98



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641006L001
			OIL PAN - REAR SUMP
001	1823278C92	0001	PAN,OIL ASSEMBLY
	1823311C1	0001	% PAN SUB-ASSY., OIL (24 QT)
	1825504C1	0001	PLUG,FLANGED HEX HEAD
	1825610C1	0001	SEAL,O-RING
	1821013C1	0001	% BLOCK, TAPPING-DRAIN PLUG
002	1826587C1	0001	GASKET,OIL PAN
003	1817812C1	0001	BOLT, M8X16 HEX FLANGE
004	1820225C93	0001	TUBE ASSY.,OIL PICKUP
005	1816722C2	0001	GASKET,CAMSHAFT BRG PLATE
006	1817960C1	0002	BOLT, MB X 1.25 6Q 45MM
007	1823281C1	0022	BOLT, M8 X 1.25 X 20MM
			% NOT SERVICED



B98

641006M00300



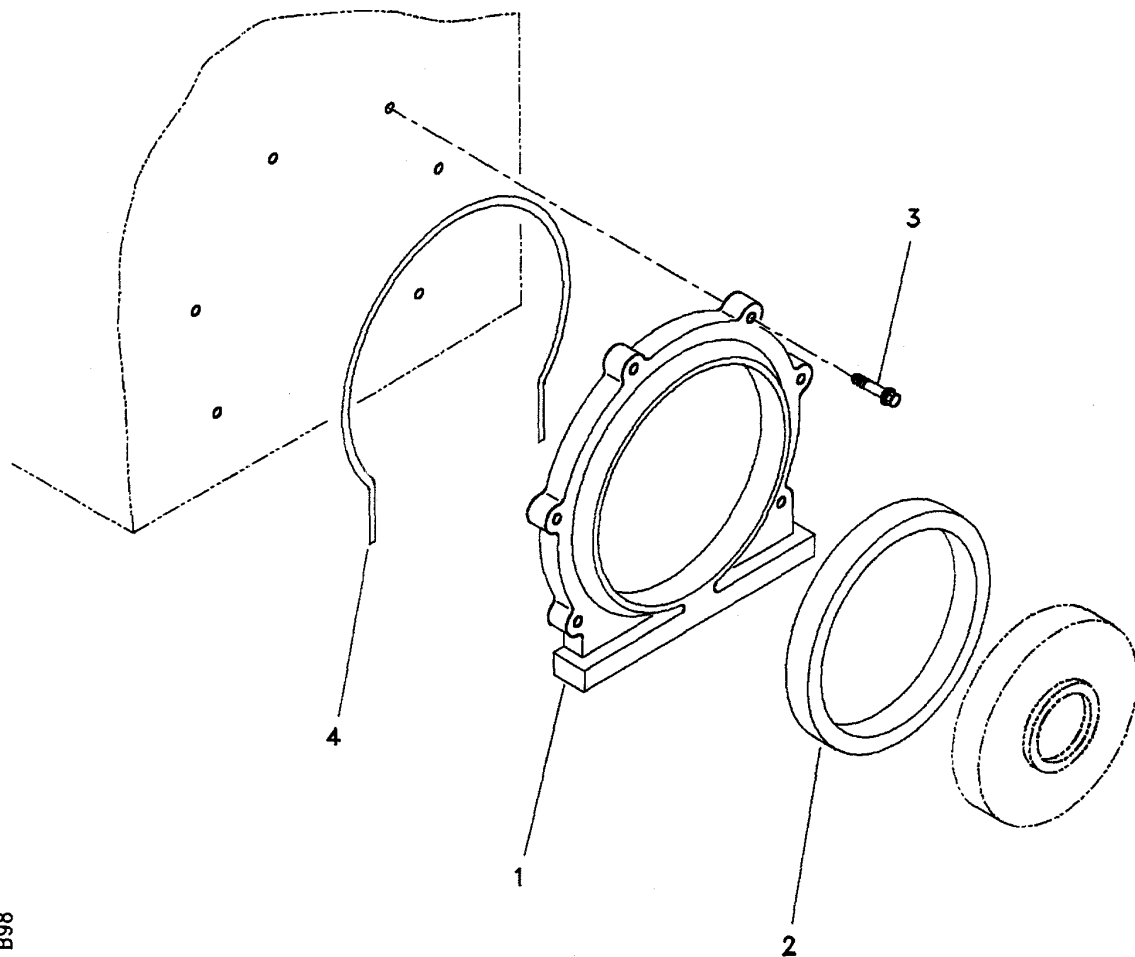
ITEM	PART NUMBER	QTY	DESCRIPTION
001	1823260C2	0001	FIGURE 641006M003
002	691846C1	0001	OIL LEVEL GAUGE - FRONT AND REAR SUMP
			GAUGE, OIL LEVEL
			TUBE



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641007A004 (NON-ILLUSTRATED) CRANKSHAFT (I-308, 530)
001	1830596C91	0001	% CRANKSHAFT ASSEMBLY
002	1830506C1	0006	% BEARING,C SHAFT FRONT UPPER
003	1817021C1	0006	% BEARING CAMSHAFT INT & LOW
004	1830505C1	0001	% BEARING,C SHAFT REAR UPPER
005	1830269C1	0001	% BEARING, C SHAFT REAR LOWER
			% NOT SERVICED



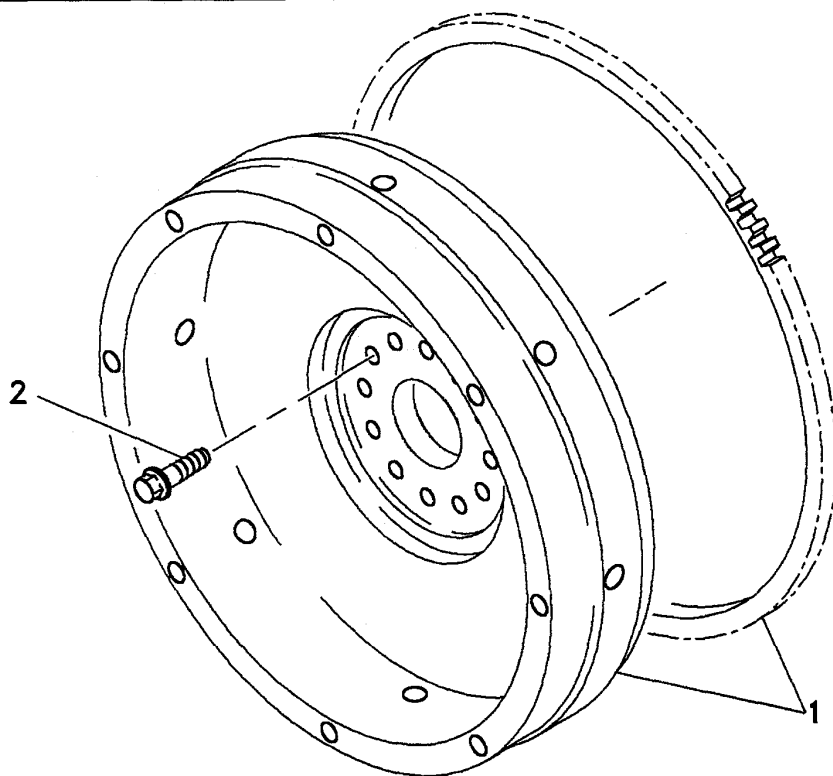
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641007B007 (NON-ILLUSTRATED)
			VIBRATION DAMPER, I-308
001	1833113C91	0001	ADAMPER ASSEMBLY, VIBRATION
	1820858C2	0001	% DAMPER,VIBRATION
	1827176C91	0001	% SLEEVE,ASSY POSE
	1827174C1	0001	% SLEEVE,WEAR
	1827175C1	0001	% SEAL,DUST-POSE
002	687024C1	0001	WASHER
003	691044C1	0001	KEY,WOODRUFF
004	675412C1	0001	PLATE
005	1823929C1	0003	BOLT, M12 X 1.25
		%	NOT SERVICED



641007C00100 B98



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641007C001
			REAR OIL SEALS
001	1823733C2	0001	CARRIER,OIL SEAL
002	1817867C92	0001	SEAL ASSEMBLY,RADIAL LIP
	1830284C1	0001	% SEAL,REAR POSE
003	1817958C1	0006	BOLT,M8X30 HEX FLANGE
004	1824911C1	0001	GASKET,REAR SEAL CARRIER
			% NOT SERVICED



641007L01000 B98



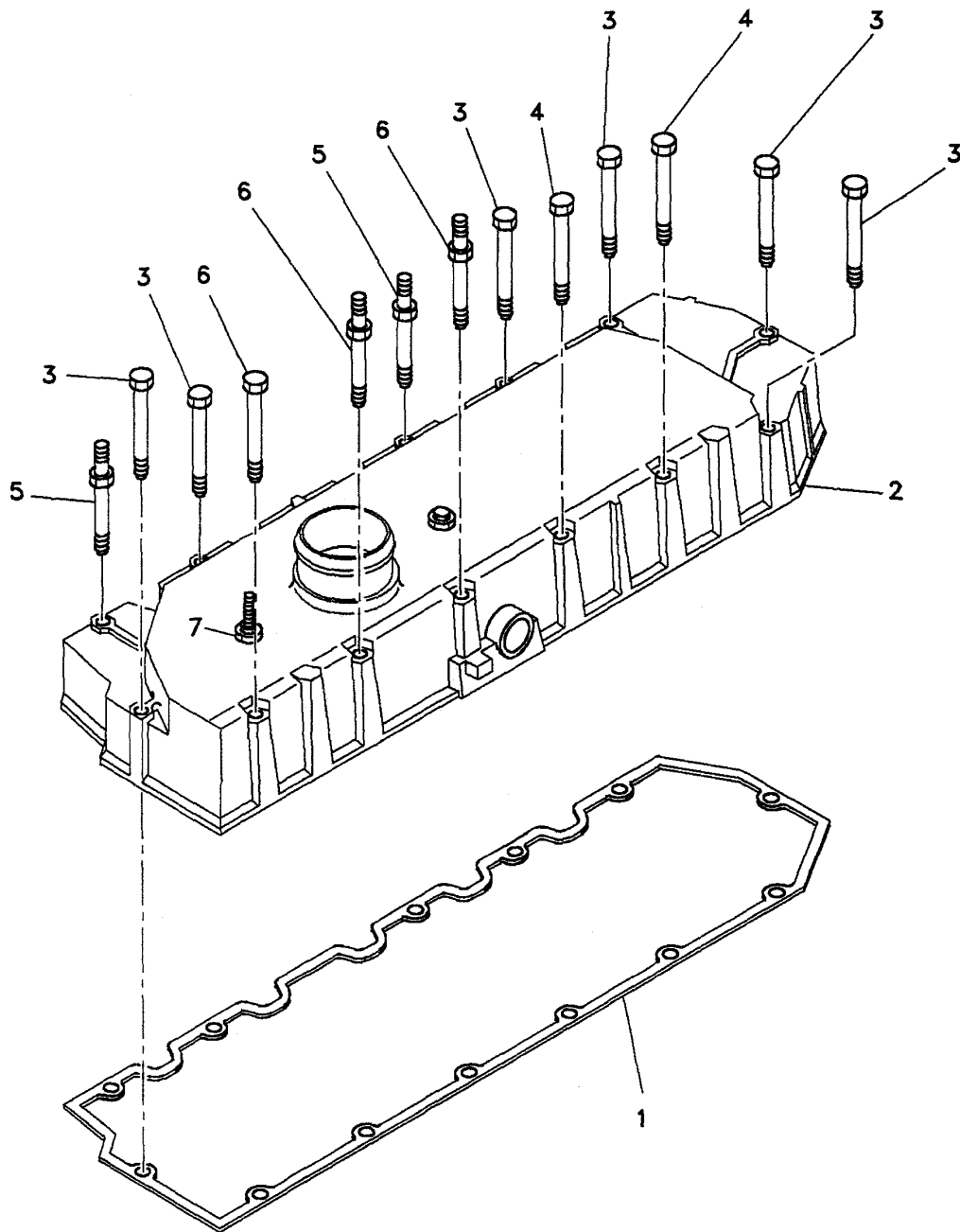
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641007L010
			FLYWHEEL, 11.5" - SAE #2
001	1822033C91	0001	FLYWHEEL, 11.5 SAE #2
	1822034C1	0001	FLYWHEEL,ENG
	1815440C1	0001	GEAR RING EMD 1208
002	1823991C1	0012	BOLT, M12 X 1.25 X 50MM



ITEM	PART NUMBER	QTY	DESCRIPTION
001	1830346C92 1830346C93	0001 0001	FIGURE 641008A009 (NON-ILLUSTRATED) CYLINDER HEAD, (I-308/530) HEAD ASSY, CYL HEAD ASSY.,CYLINDER



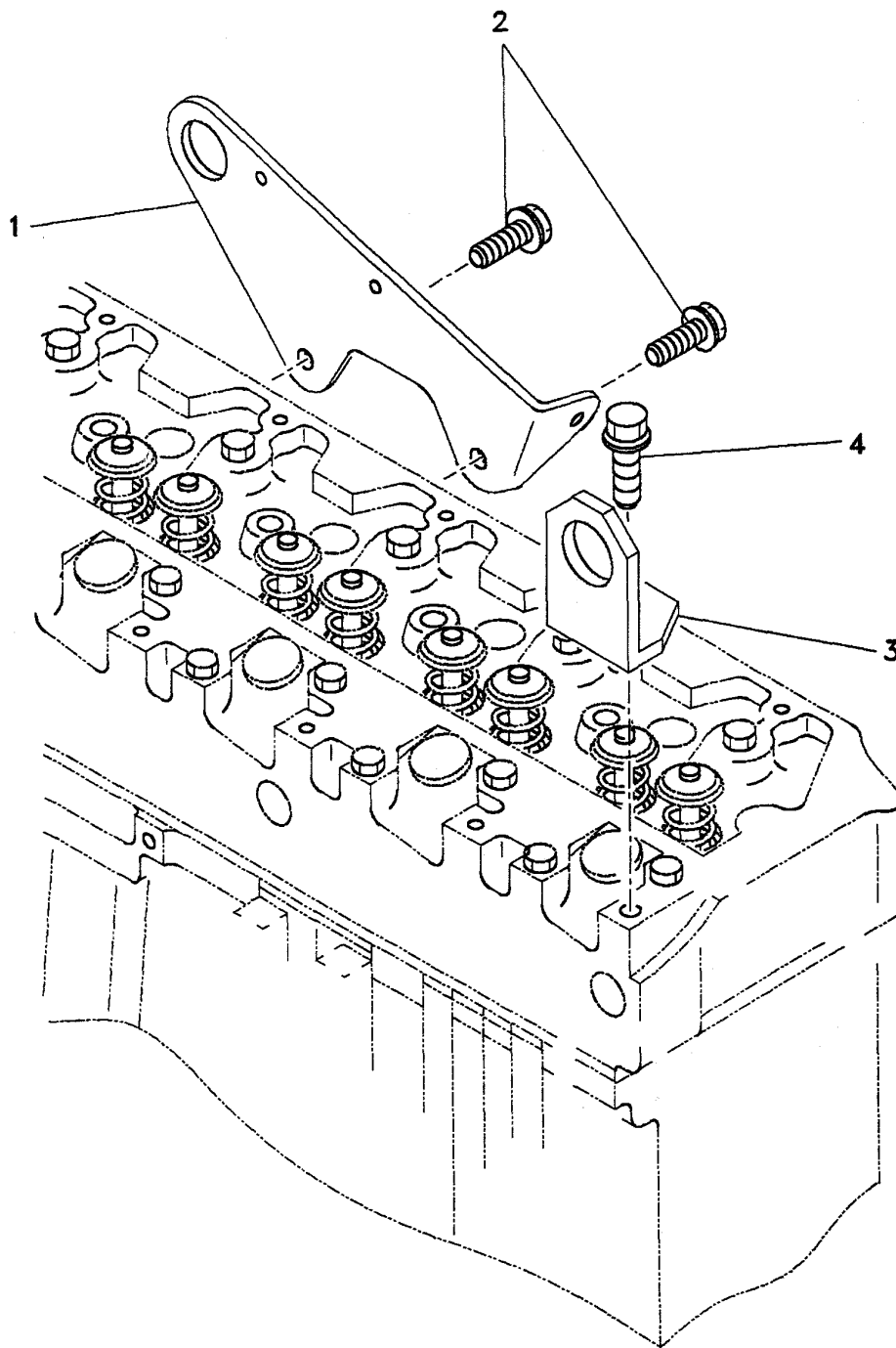
ITEM	PART NUMBER	QTY	DESCRIPTION
001	1830593C92	0001	FIGURE 641008C003 (NON-ILLUSTRATED) ROCKER ARM SHAFT ASSY.,BRKT & ROCKER ARM



641008D00700 J98



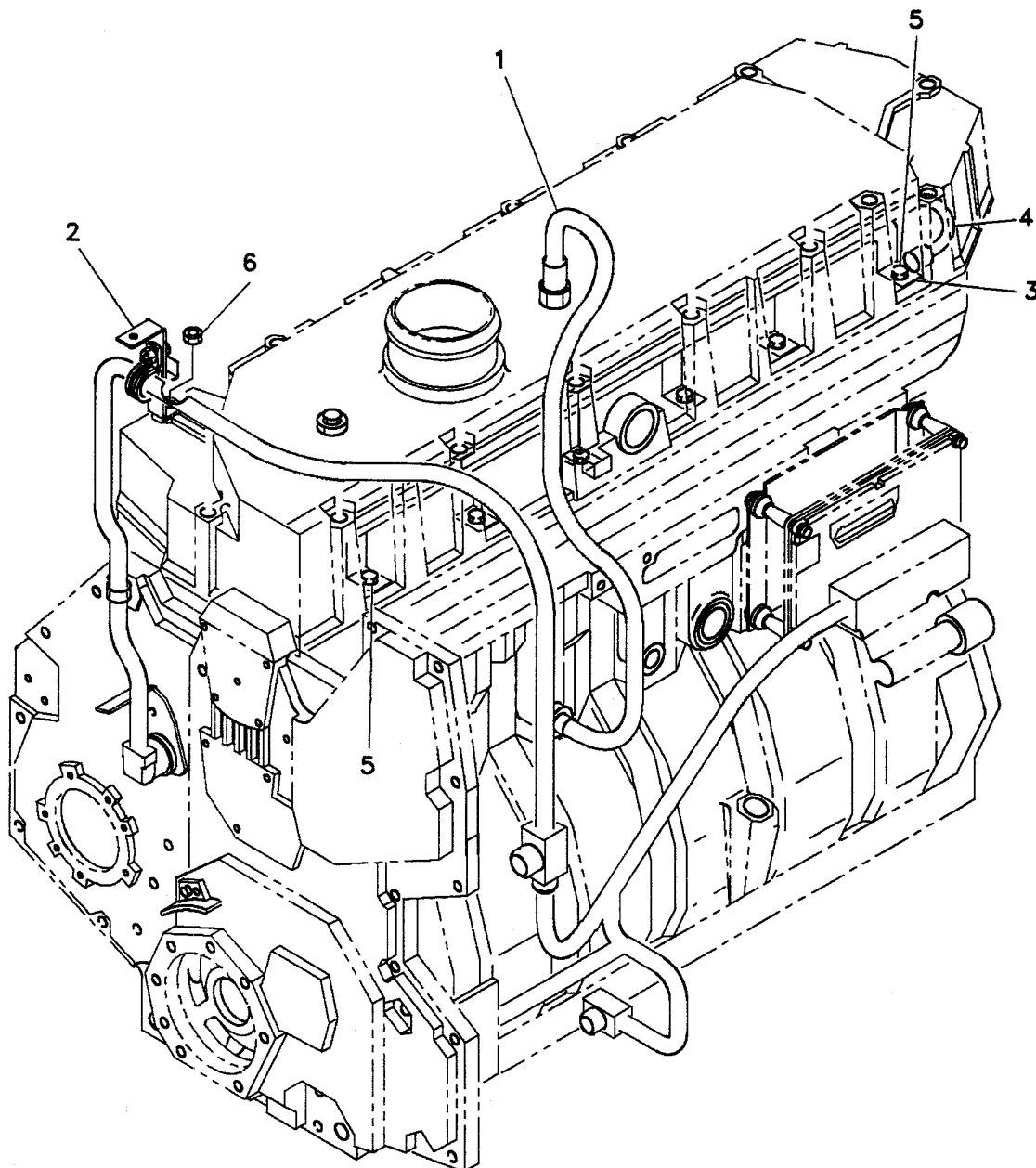
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641008D011 VALVE COVER (I-308)
001	1820909C1	0001	% GASKET, VALVE COVER
002	1830624C1	0001	COVER ASSY, VALVE
	1830625C1	0001	% VAL COVER/INT. MANIFOLD
	1825688C1	0002	ELEMENT, BREATHER
003	1817961C1	0006	BOLT, M8 X 1.25 6Q 90MM
004	1818693C1	0002	BOLT, M8 X 110 HEX FLGE
005	1819245C1	0002	STUD, M8 X 90 VALVE COVER
006	1823742C1	0003	STUD BOLT, M8X110X19
007	444612	0001	PLUG, 1/8-27 PLN H/HD AUTO PIP
			% NOT SERVICED



641008F00100 B98



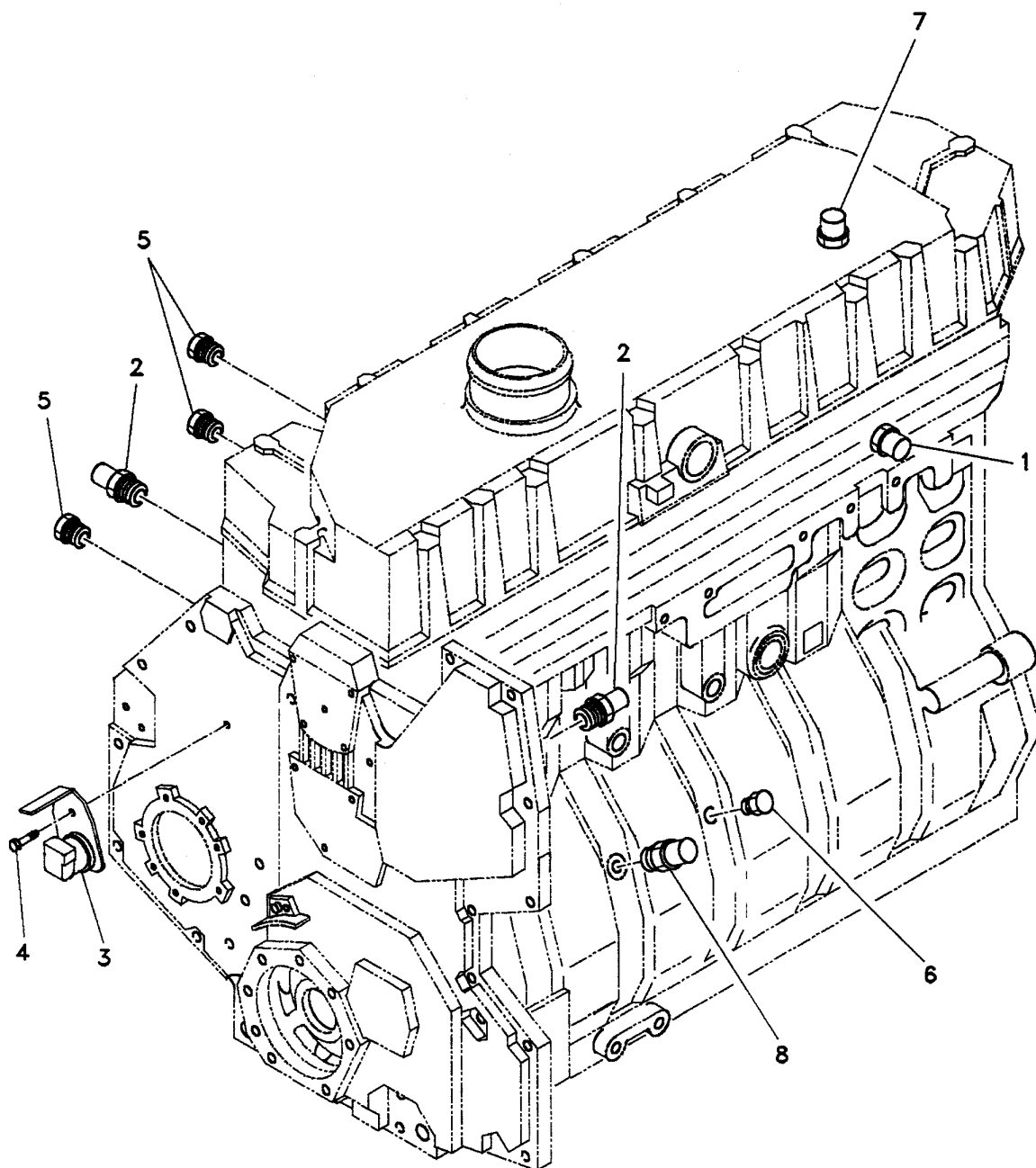
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641008F001
			LIFTING EYE
001	1817560C2	0001	EYE, LIFTING REAR
002	1817967C1	0002	BOLT, M12 X 1.75 6Q 25MM
003	1820215C1	0001	EYE, LIFTING REAR
004	1820235C1	0001	BOLT, M14 X 30 HEX FLGE



641009A00200 E98



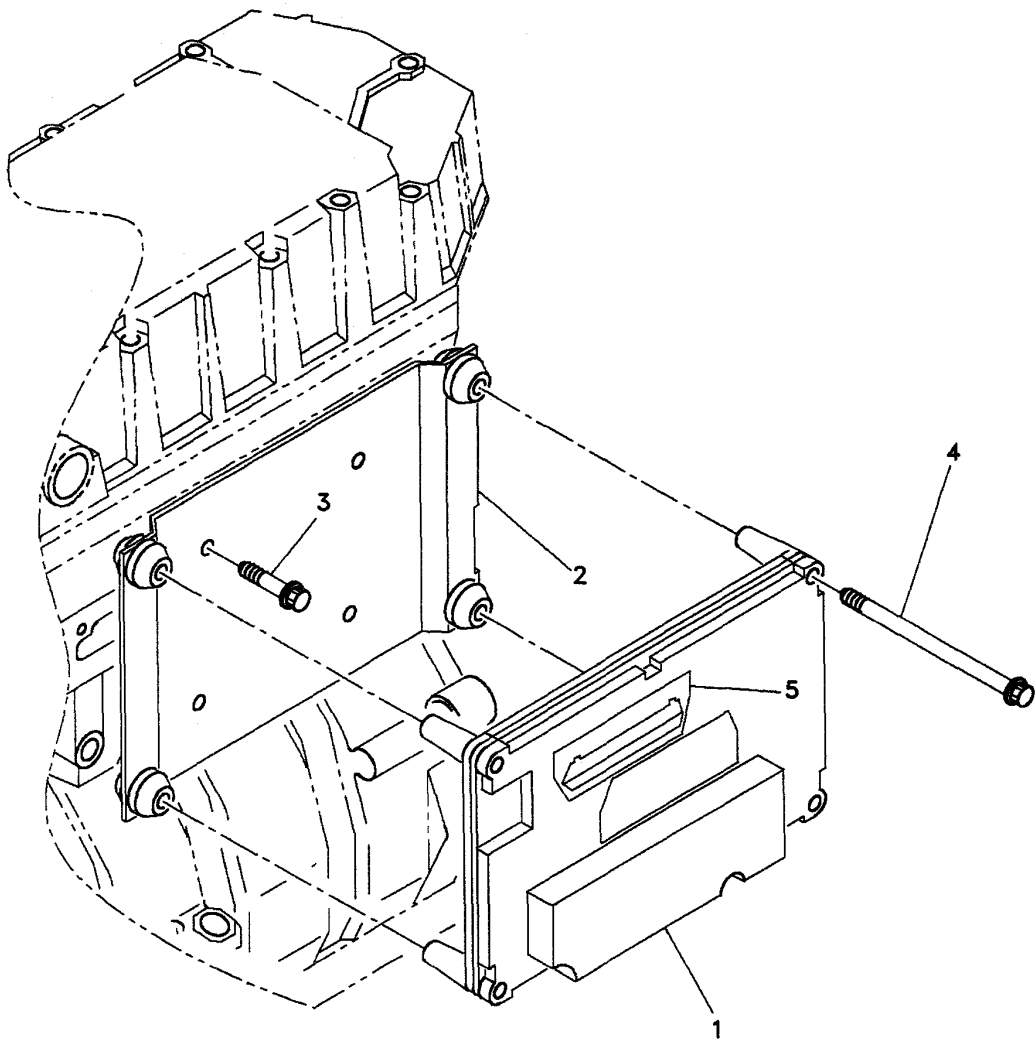
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641009A002
			ELECTRICAL WIRING - REAR MTD CEC W/EOP
001	1807419C95	0002	HARNESS, ASSY REAR MOUNT I6
002	2002176C2	0001	EXTENSION,CLIP
003	1807296C1	0001	CHANNEL, WIRING HARNESS
004	1807285C92	0001	HARNESS,INTRNL WIRING I-6HEUI
	1815924C2	0006	CONNECTOR, INJECTOR
	1824908C1	0001	RING,O
005	30360R1	0006	BOLT



641009B00300 G98



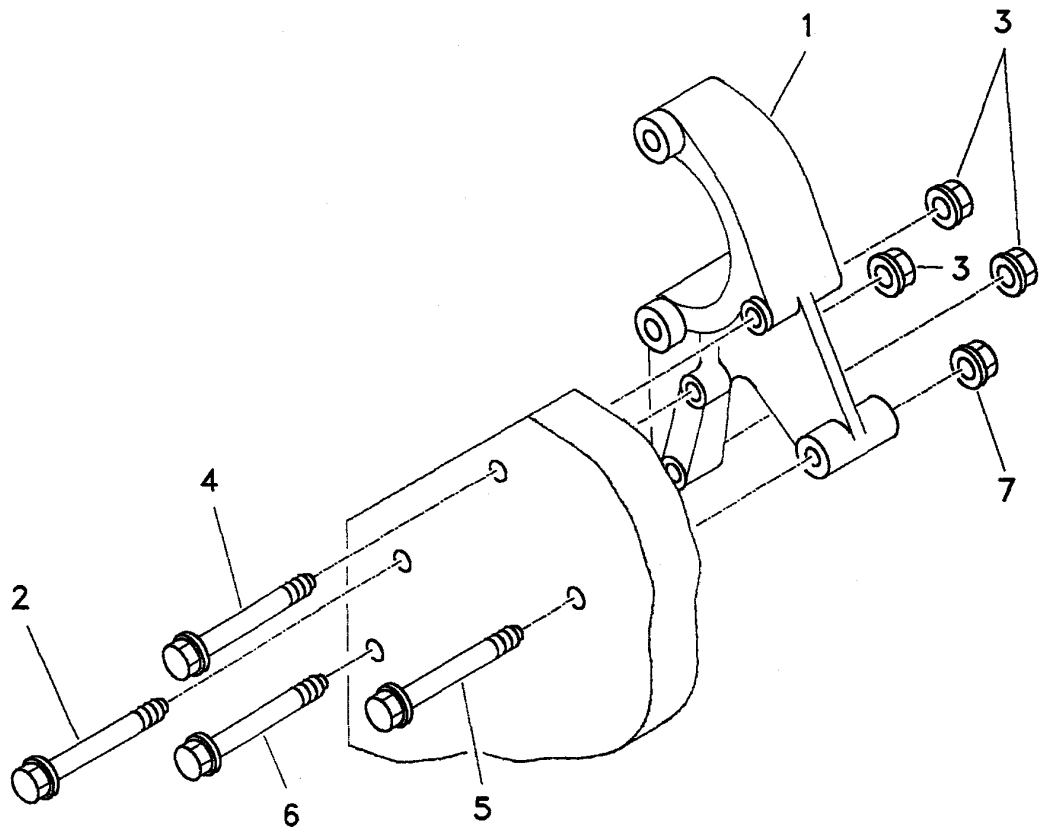
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641009B003
			ELECTRONIC SENSORS - FOR CEC W/EOP
001	1812818C92	0001	TRANSMITTER ASSY,INJ CONT
002	1814320C1	0002	TRANSMITTER,SENSOR ENG TEMP
003	1807339C92	0001	TRANSDUCER ASSY,CAMP
004	1817812C1	0001	BOLT, M8X16 HEX FLANGE
005	445751	0003	PLUG, 1/2-14 PLN SQ/SKT AUTO P
006	444613	0001	PLUG, 1/8-27 ZNP H/HD AUTO PIP
007	1813658C2	0001	TRANSMITTER, SENSOR BACK PRESS
008	1807369C2	0001	SENSOR,OIL PRESSURE



641009C00100 000



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641009C010 REAR MTG. CEC NAVPAK 24V
001	1807478C1	0001	MODULE,ELECT. CONTROL-24V
002	1817956C1	0004	BOLT, M8X20MM HEX FLANGE
003	1818231C1	0004	BOLT, M8 X 80 HEX FLANGE
004	1829953C92	0001	BRACKET ASSY.,CEC REAR MOUNT
	1829944C1	0001	BRACKET ASSY.,ELEC.MOD. MTG
	1830108C1	0004	GROMMET ASSY SPACER & NUT
	1830110C1	0004	GROMMET ASSY,WASHER & GROMMET
005	1830974C1	0001	INSULATOR, CEC SHIPPING



641009L00900 B98

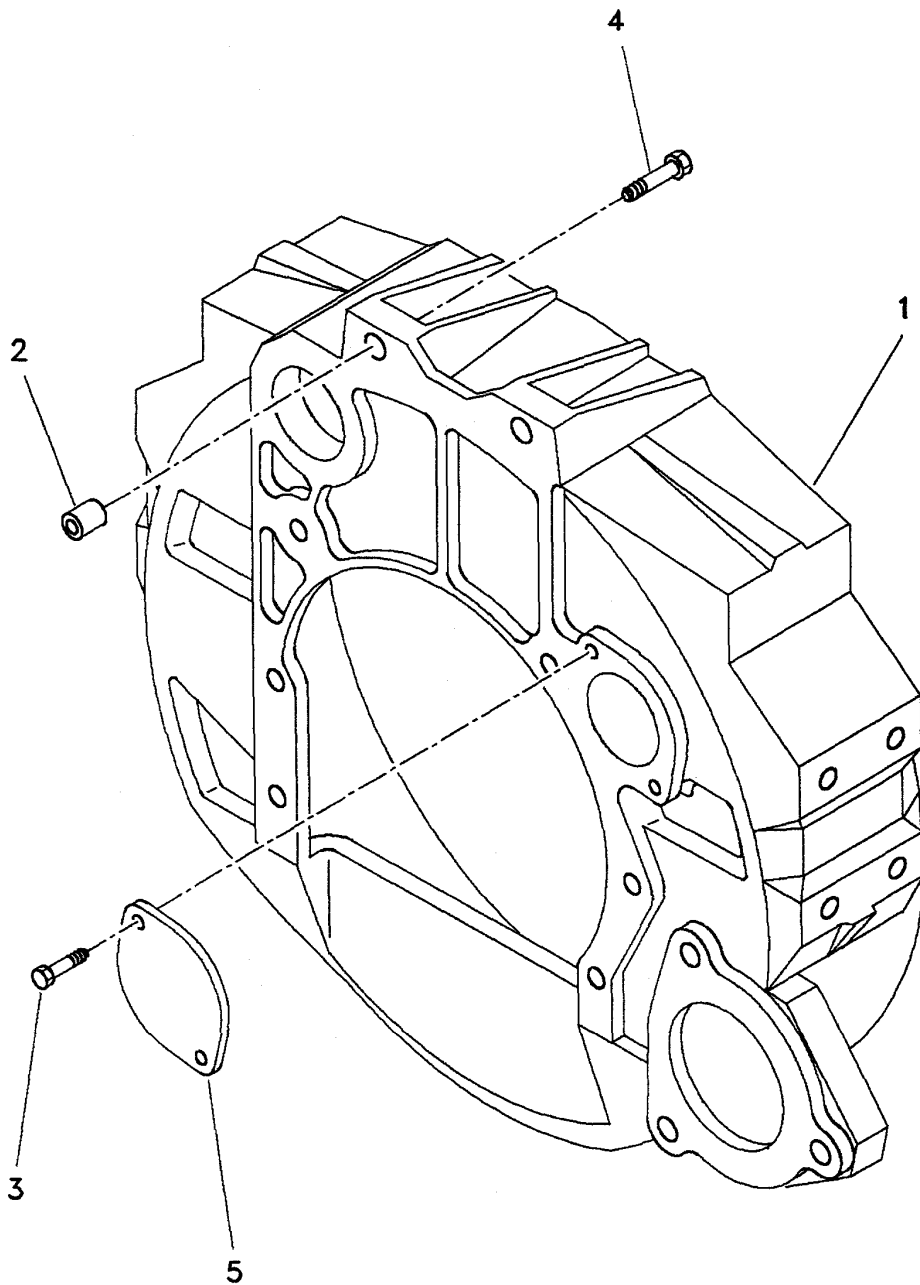


ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641009L009 ALTERNATOR BRACKET - 21SI (HEUI)
001	1822041C1	0001	BRACKET, ALTERNATOR MTG
002	1822018C1	0001	BOLT, M10 X 90MM
003	31083R1	0003	NUT, M10 X 1.50 6H FN
004	1820590C1	0001	BOLT, M10X120 HEX FLANGE
005	1823809C1	0001	BOLT,M8X120MM(SPEC LONG THD)
006	1817993C1	0001	BOLT, M10 X 80MM
007	40050R1	0001	NUT,SPECIAL



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641009M002 (NON-ILLUSTRATED) ALTERNATOR - DELCO 22SI 24V70A
001	1830535C91	0001	GENERATOR,AC
002	1815421C1	0001	PULLEY,GENERATOR OR ALTERNATOR
003	25296R1	0001	BOLT, 1/2 X 6-1/2 PHC TYPE 8
004	25526R1	0001	NUT,HEX 1/2 NC TYPE 8
005	26273R1	0003	WASHER,LOCK .531X1.062X .134 P
006	24868R1	0001	BOLT, 1/2 X 4 PHC TYPE 8

NOTES

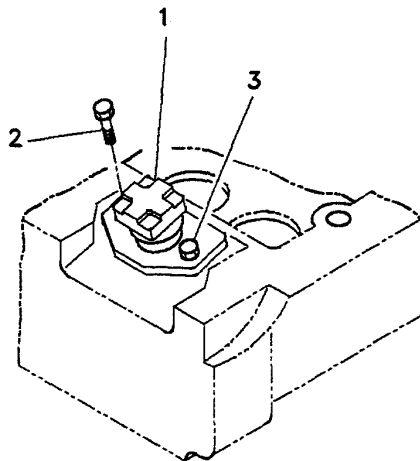


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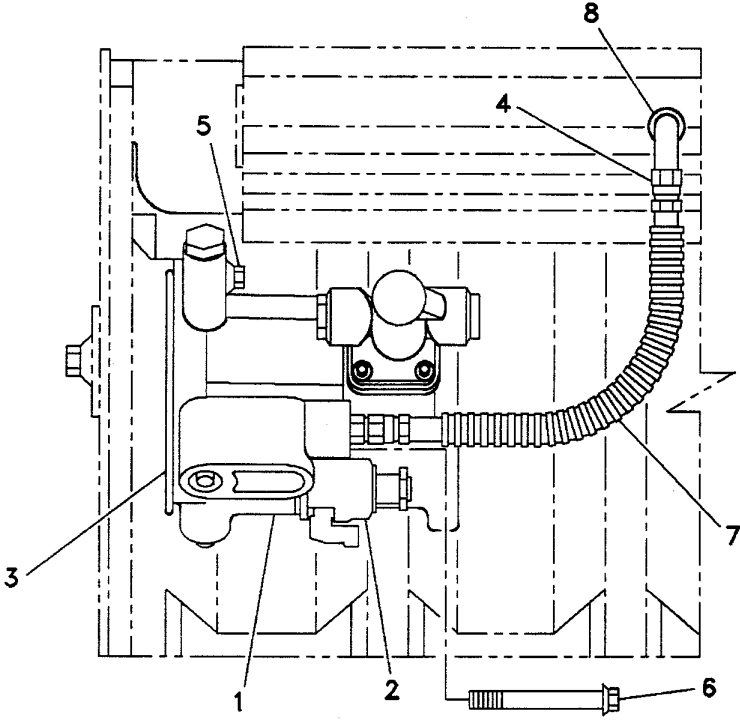
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641010L001 FLYWHEEL HOUSING - SAE #2
001	1820338C2	0001	HOUSING, FLYWHEEL SAE#2
002	1822086C1	0002	PIN, DOWEL HOUSING BUSHING
003	1817953C1	0002	BOLT, M6 X 15 HEX FLANGE
004	1820606C1	0008	BOLT, M12 X 50 HEX FLANGE
005	686702C1	0001	PLATE



641011C01900 B98



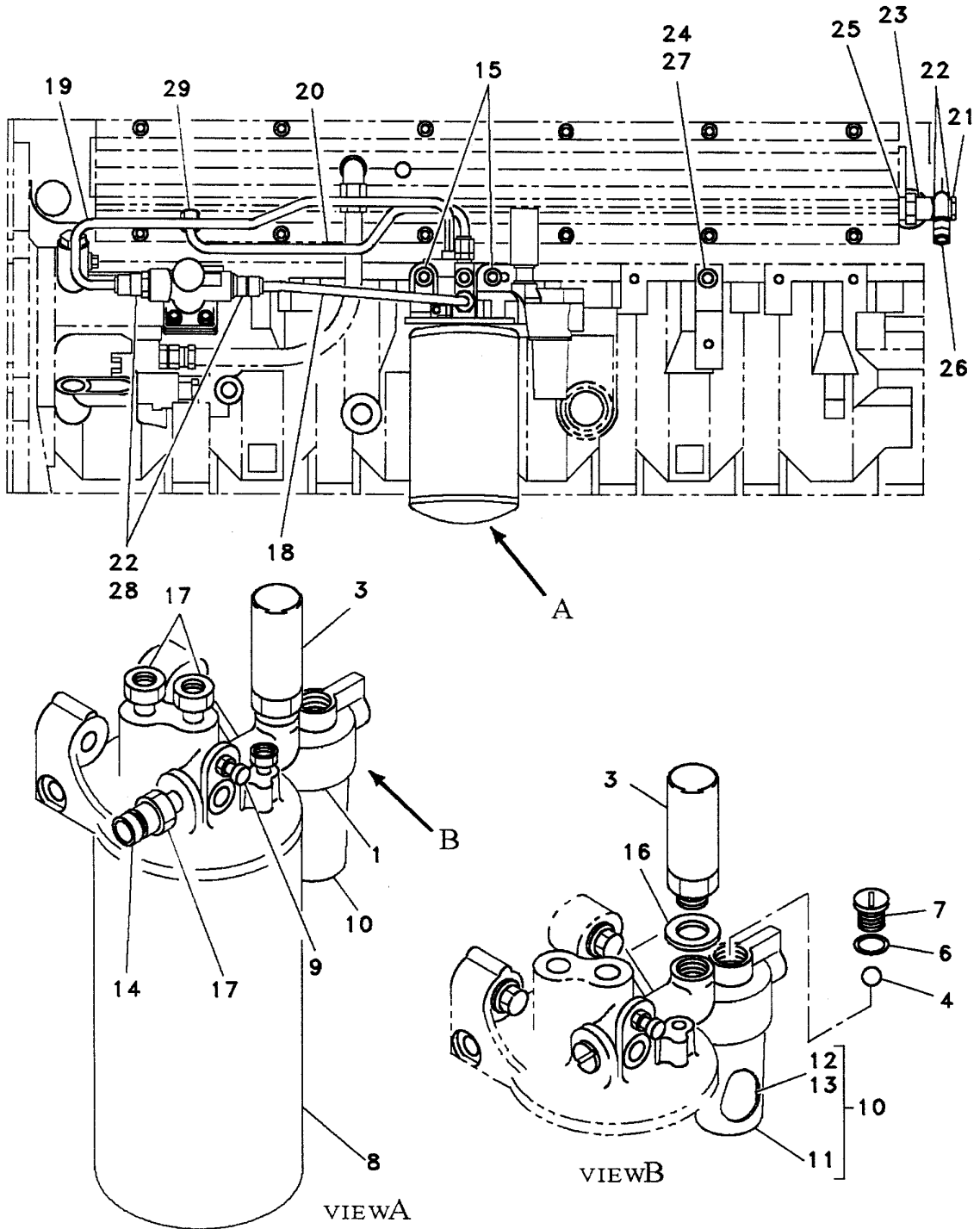
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641011C054
			FUEL INJECTOR (I-308,530)
001	1830692C91	0001	INJECTOR ASSY,FUEL W/SEALS
	1830691C1	0001	% INJECTOR ASSY.
	1821896C1	0001	% CLAMP,INJECTOR
	1830695C1	0001	% NOZZLE, TIP
	1817073C2	0001	% RING, UPPER BACKUP
	1817074C1	0001	% RING, CUSHION
	1816000C1	0001	% SEAL,INJ PMP UP
	1830805C1	0001	% SEAL,MIDDLE INJECTOR
	1830317C1	0001	% GASKET,INJECTOR
	1814695C1	0001	% SEAL, INJ. LOW
002	1830050C1	0006	BOLT, INJECTOR
003	1830051C1	0006	BOLT, SHOULDER
		%	NOT SERVICED



641011E00200 000



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641011E002
			HYDRAULIC FUEL SYSTEM COMPS
001	1830177C91	0001	PUMP,ASM FUEL ELECT
	1821232C92	0001	PUMP,LOW PRESSURE FUEL SUPPLY
	1819008C1	0001	GASKET
	1817817C1	0003	BOLT, M6 X 1.0 20MM
	1820967C2	0001	GEAR,PUMP
	1818236C1	0001	BOLT, M12 X 30 HEX FLANGE
002	1829856C91	0001	REGULATOR,INJ. O.P. CONTROL
	1825250C91	0001	REGULATOR,INJ.PRESS
	1807263C1	0001	SEAL, PRESSOR SENSOR
003	1825685C1	0001	SEAL,REXROTH PUMP FLANGE
004	1829802C1	0001	HOSE ASSY.,HIGH PRESSURE
005	1824752C1	0001	BOLT,M8 X 1.25 X 55MM
006	1818726C1	0001	BOLT, M8 X 70 HEX FLANGE
007	1822646C1	0001	CONDUIT, CONV.
008	1825563C91	0001	ELBOW ASSY.,37-DEG O-RING BOSS
	9410976	0001	ELBOW,PIPE GIVE SIZE
	1823790C1	0001	RING,O



641011L01600 C98



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641011L016
			FUEL FILTER AND PIPING - RACOR
001	1825661C93	0001	HEADER ASSY., FUEL FILTER
003	1825473C92	0001	PACKAGE,HAND PRIMER
	1823029C1	0001	GASKET,HAND PRIMER
	1824924C1	0001	ADAPTER,PRIMER SPACER
004	1820478C1	0001	BALL,CHECK VALVE
006	379181R1	0001	RING, O 5/8 X 3/4 CLASS 5
007	1820919C1	0001	PLUG,FUEL REG
008	1822588C1	0001	FILTER, FUEL
009	1816216C1	0001	VALVE, PRIMING
010	1817677C91	0001	FILTER, ASSY STRAINER
011	1818516C1	0001	BOWL,FUEL FILTER
012	1825181C91	0001	PACKAGE,ELEMENT-PRESCREEN
013	1818518C1	0001	RING,O
014	1822530C92	0001	VALVE ASSY, CHECK
	1823306C1	0001	NIPPLE, VALVE COMPUCHECK
	1655349C1	0001	CAP,BRK CHAMBER
015	606819C1	0003	CONNECTOR,FLEX TUBE
016	1823029C1	0001	GASKET,HAND PRIMER
017	1817978C1	0002	BOLT, M8 X 35 HEX FLG
018	1825520C91	0001	TUBE ASSY.,TRANSFER PUMP IN
	265205R1	0002	NUT,FLEX TUBE
	1812348C1	0002	SLEEVE, 3/8 TUBE -FLEX
019	1825521C93	0001	TUBE ASSY.,TRNSFR PUMP OUTLET
	265205R1	0002	NUT,FLEX TUBE
	1812348C1	0002	SLEEVE, 3/8 TUBE -FLEX
020	1829801C91	0001	TUBE ASSY.,FINAL FILTER OUTLET
	265205R1	0002	NUT,FLEX TUBE
	1812348C1	0002	SLEEVE, 3/8 TUBE -FLEX
021	1810491C1	0001	SCREW
022	691273C1	0004	WASHER,COPPER
023	1825511C1	0001	VALVE ASSY, REGULATOR
024	1817956C1	0001	BOLT, M8X20MM HEX FLANGE
025	397630C1	0001	GASKET,V PLUG INJ PUMP
026	1809797C1	0001	FITTING,SPECIAL TUBE
027	1823920C1	0001	EXTENSION,CLIP
028	1825467C1	0002	SCREW,HOLLOW-FLEX FITTING
029	1819772C1	0001	FITTING,COMPRESSION SLEEVE



ITEM	PART NUMBER	QTY	DESCRIPTION
001	1827395C92	0001	FIGURE 641013A003 (NON-ILLUSTRATED)
	1827396C2	0001	OIL PUMP (I-308,530)
	680482C1	0002	% HOUSING,OIL PUMP
	1827177C1	0001	% HOUSING,LUBE OIL PUMP
			PIN
			% SEAL,FRONT-RADIAL LIP TYPE
			% NOT SERVICED

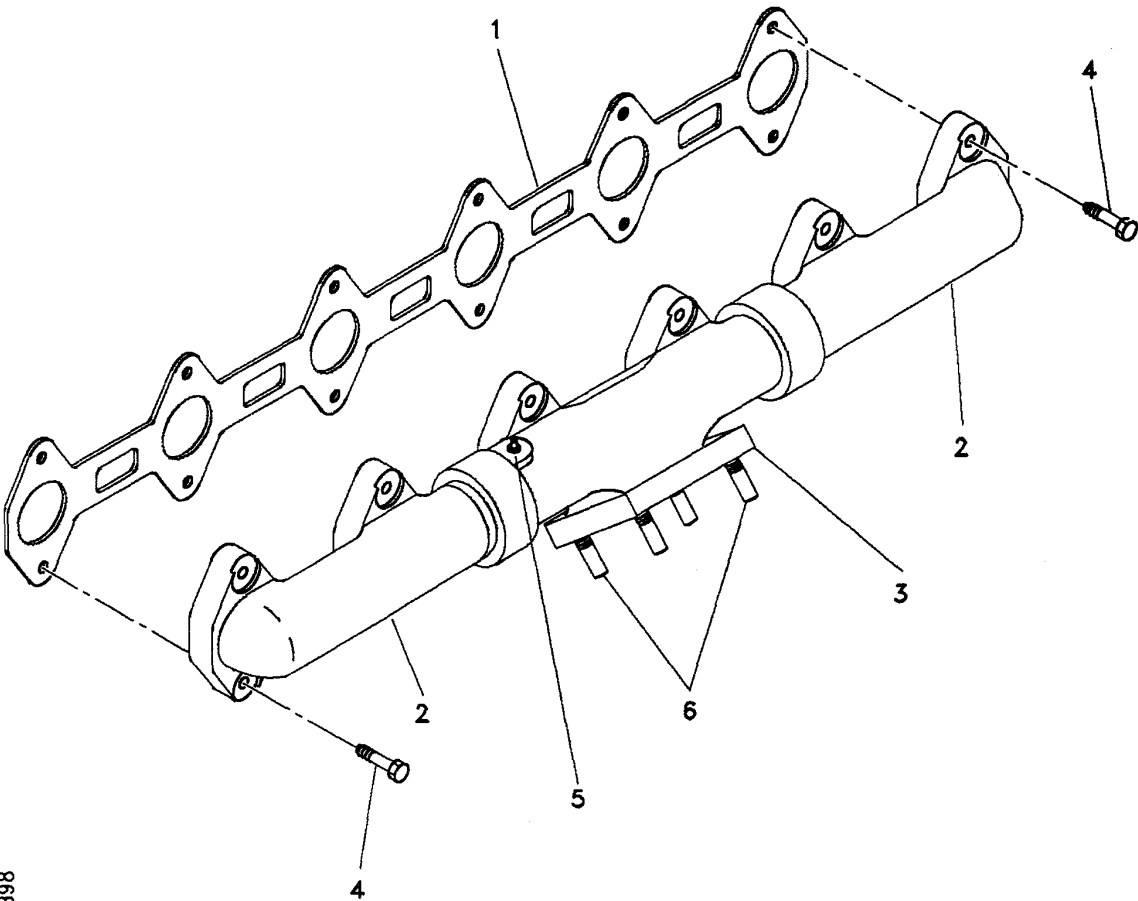


ITEM	PART NUMBER	QTY	DESCRIPTION
001	1833121C1	0001	FIGURE 641013B002 (NON-ILLUSTRATED) OIL FILTER FILTER ASSY, LUBE OIL



ITEM	PART NUMBER	QTY	DESCRIPTION
001	1830622C92	0001	FIGURE 641013C002 (NON-ILLUSTRATED) OIL COOLER (I-308) COOLER,ASM OIL

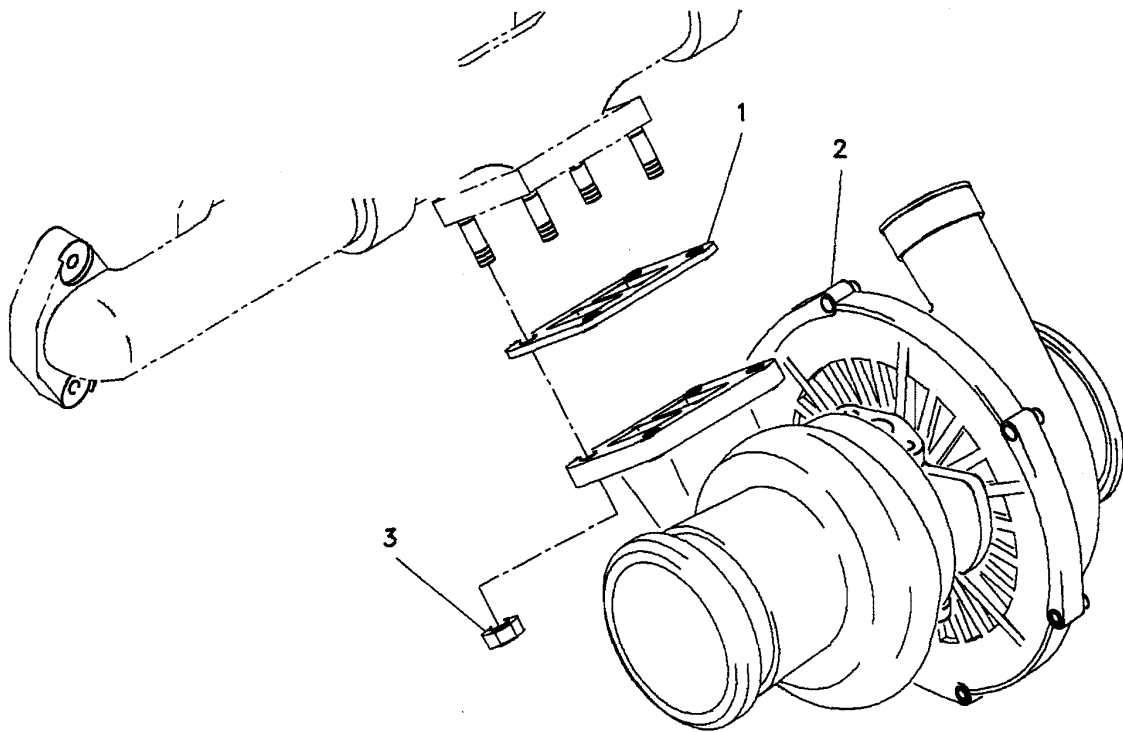
NOTES



641014B00200 B98



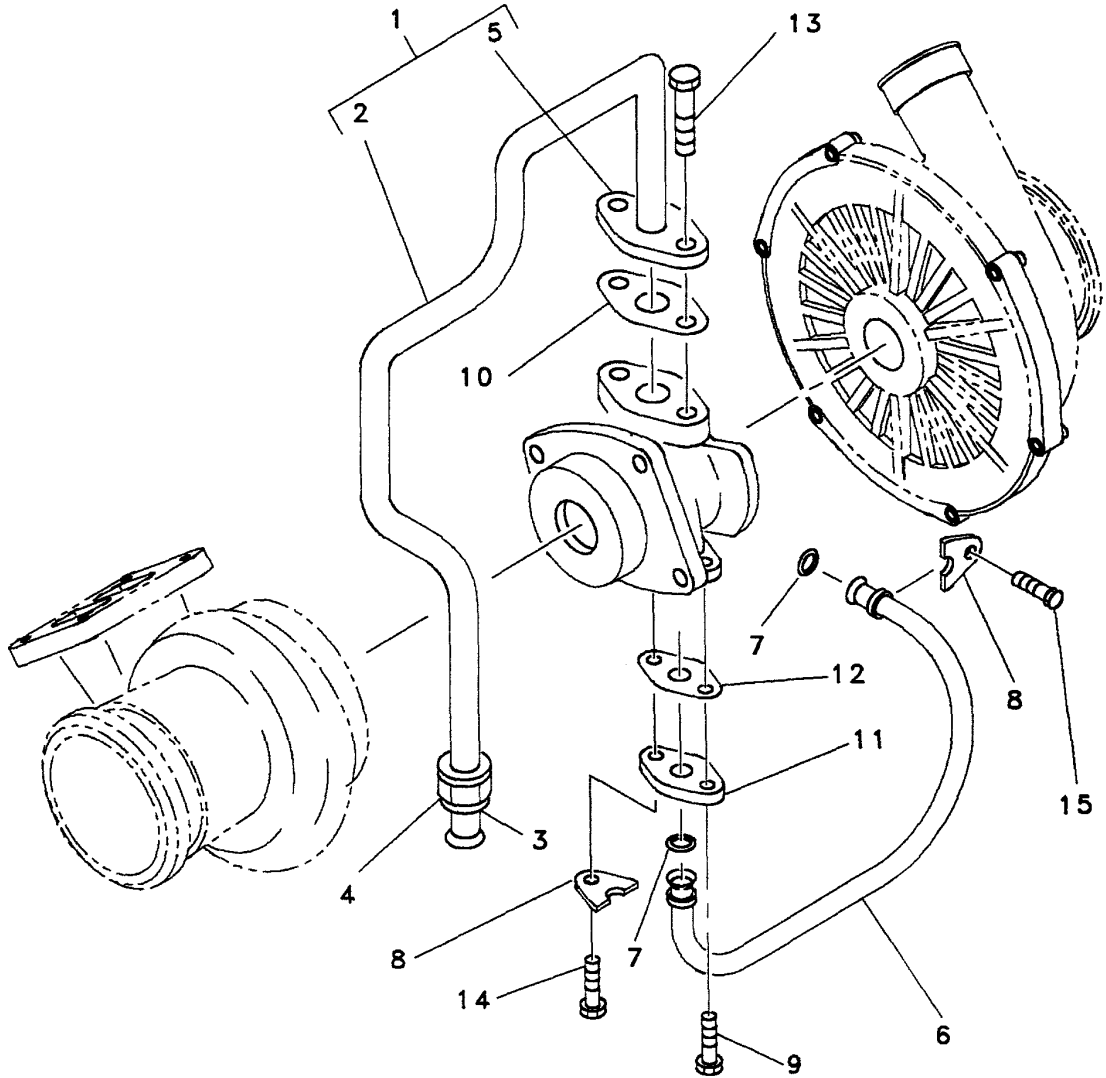
ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641014B002
			EXHAUST MANIFOLD
001	1825436C1	0001	GASKET, EXHAUST MANIFOLD
002	1814149C2	0002	MANIFOLD, EXHAUST FRT/RR
003	1821977C1	0001	MANIFOLD, EXHAUST CENTER
004	1817830C1	0012	BOLT, M12 X 1.75 6Q 35MM
005	444613	0001	PLUG, 1/8-27 ZNP H/HD AUTO PIP
006	1821642C3	0004	STUD, TURBO ADAPTER



641015A01500 000



MISSING ITEM NUMBERS ARE NOT USED



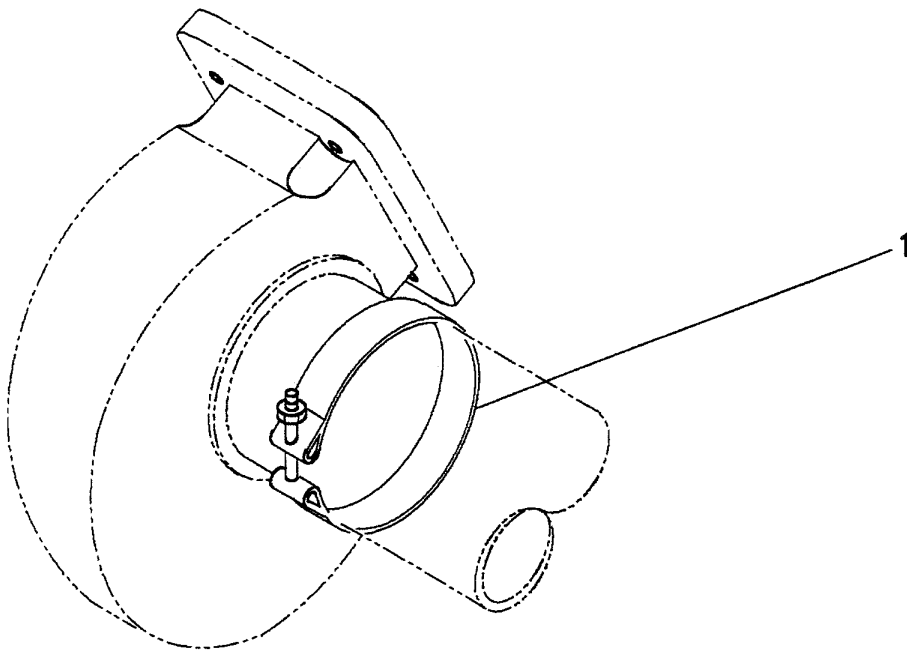
641015D00200 B98



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641015D002
			TURBOCHARGER PIPING
001	1822599C91	0001	TUBE ASSY., TURBO OIL INLET
003	1812348C1	0001	SLEEVE, 3/8 TUBE -FLEX
004	265205R1	0001	NUT,FLEX TUBE
006	1822131C1	0001	TUBE, TURBO OIL DRAIN
007	1818402C2	0002	RING,O
008	1817671C1	0002	BRACKET, OIL COOLER
009	1817958C1	0001	BOLT,M8X30 HEX FLANGE
010	253660R2	0001	GASKET, OIL INLET FLANGE
011	1819271C1	0001	FLANGE,TURBO OIL DRAIN
012	1820936C1	0001	GASKET, TURBO OIL DRAIN
013	1817956C1	0002	BOLT, M8X20MM HEX FLANGE
014	1817978C1	0001	BOLT, M8 X 35 HEX FLG
015	1817812C1	0001	BOLT, M8X16 HEX FLANGE

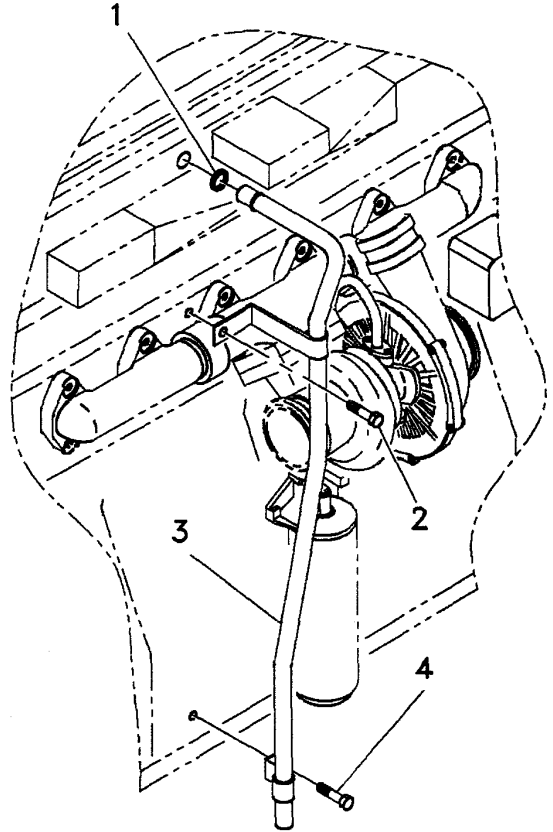


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ITEM	PART NUMBER	QTY	DESCRIPTION
001	893944R92	0001	FIGURE 641015L001 TURBOCHARGER EXHAUST CLAMP CLAMP,EXH PIPE TO MANIFOLD



641017L00300 000



ITEM	PART NUMBER	QTY	DESCRIPTION
			FIGURE 641017L003 SIDE VENTILATOR TUBE - FOR R.E. BUS
001	1822135C1	0001	RING, VENT TUBE "O"
002	1817967C1	0001	BOLT, M12 X 1.75 6Q 25MM
003	1829913C1	0001	TUBE ASMBLY, BRTHR AMTRAN BUS
004	1818233C1	0001	BOLT, M10 X 20 HEX FLGE

NOTES