

**ARMY TM 9-2815-237-34P
AIR FORCE TO 38V1-6-4
MARINE CORPS TM 2815-34P/4D**

(SUPERSEDES TM 9-2815-237-34P, 30 March 2001)

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LIST**

FOR

**ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.2 LITER (SERIAL NUMBER 1-99,999)
(NSN 2815-01-231-3672), (SERIAL NUMBER 100,000 AND ABOVE)
(NSN 2815-01-314-7940) (1990);
DDA MODEL 6.5 LITER (NSN 2815-01-410-9710) (1995),
(NSN 2815-01-410-9710) (1996), (NSN 2815-01-439-6665) (1997),
(NSN 2815-01-453-7403) (1998), (NSN 2815-01-461-7078) (1999),
(NSN 2815-01-461-7078) (2000), (NSN 2815-01-461-7078) (2001);
ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED,
FUEL-INJECTED, WATER COOLED,
DDA MODEL 6.5 LITER (NSN 2815-01-406-6675) (1996),
(NSN 2815-01-439-6664) (1997), (NSN 2815-01-453-7404) (1998),
(NSN 2815-01-472-6312) (1999), (NSN 2815-01-439-6664) (2000),
(NSN 2815-01-439-6664) (2001);
ENGINE, DIESEL: 8 CYLINDER, TURBOCHARGED,
FUEL-INJECTED, WATER COOLED,
(NSN 2815-01-420-4180) (1996), (NSN 2815-01-439-8164) (1997),
(NSN 2815-01-453-7402) (1998), (NSN 2815-01-439-8164) (1999),
(NSN 2815-01-439-8164) (2000), (NSN 2815-01-439-8164) (2001).**

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

**HEADQUARTERS, DEPARTMENTS OF THE ARMY,
THE AIR FORCE, AND MARINE CORPS**

JULY 2004

LIST OF EFFECTIVE PAGES/WORK PACKAGES

Date of issue is:

Original 0 15 July 2004

TOTAL NUMBER OF PAGES FRONT AND REAR MATTER IS 15 AND TOTAL NUMBER OF WORK PACKAGES IS 43 CONSISTING OF THE FOLLOWING:

Page/WP*	Change No.
A0
B Blank0
i-iii0
iv Blank0
WP 0001 00 - 0043 000

*Zero in this column indicates original page.

TECHNICAL MANUALS
NO. 9-2815-237-34P
NO. 2815-34P/4D

TECHNICAL ORDER
NO. 38V1-6-4

HEADQUARTERS,
DEPARTMENTS OF THE ARMY,
THE AIR FORCE, AND MARINE CORPS
WASHINGTON, D.C., 15 July 2004

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED,
FUEL-INJECTED, WATER COOLED,

DDA MODEL 6.2 LITER (SERIAL NUMBER 1-99,999) (NSN 2815-01-231-3672),
(SERIAL NUMBER 100,000 AND ABOVE) (NSN 2815-01-314-7940) (1990);

DDA MODEL 6.5 LITER (NSN 2815-01-410-9710) (1995),
(NSN 2815-01-410-9710) (1996), (NSN 2815-01-439-6665) (1997),
(NSN 2815-01-453-7403) (1998), (NSN 2815-01-461-7078) (1999),
(NSN 2815-01-461-7078) (2000), (NSN 2815-01-461-7078) (2001);

ENGINE, DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED,
FUEL-INJECTED, WATER COOLED,

DDA MODEL 6.5 LITER (NSN 2815-01-406-6675) (1996),
(NSN 2815-01-439-6664) (1997), (NSN 2815-01-453-7404) (1998),
(NSN 2815-01-472-6312) (1999), (NSN 2815-01-439-6664) (2000),
(NSN 2815-01-439-6664) (2001);

ENGINE, DIESEL: 8 CYLINDER, TURBOCHARGED,
FUEL-INJECTED, WATER COOLED,

(NSN 2815-01-420-4180) (1996), (NSN 2815-01-439-8164) (1997),
(NSN 2815-01-453-7402) (1998), (NSN 2815-01-439-8164) (1999),
(NSN 2815-01-439-8164) (2000), (NSN 2815-01-439-8164) (2001).

Current as of 23 April 2003

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aebs.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or E-mail your letter or DA Form 2028 direct to: AMSTA-LC-CI Tech Pubs, TACOM-RI, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The email address is TACOM-TECH-PUBS@ria.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

*This manual supersedes TM 9-2815-237-34P, dated 30 March 2001.

TABLE OF CONTENTS

	WP Sequence No.
INTRODUCTION	0001 00
GROUP 01 ENGINE	
0100 Engine and container assembly	0002 00
0101 Engine block assembly and cylinder head	0003 00
0102 Crankshaft, damper, bearings, and pulley	0004 00
0103 Flywheel	0005 00
0104 Piston assembly, rod assembly, and ring set	0006 00
0105 Valves, guides, and rocker arm assemblies	0007 00
0105 Camshaft, timing chain, and related parts	0008 00
0105 Crankcase cover assembly and rocker cover	0009 00
0106 Engine oil pan, pump, and filler tube	0010 00
0106 Oil filter, adapter, and oil line fittings	0011 00
0108 Air intake manifold (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0012 00
0108 Air intake manifolds (6.5L turbo)	0013 00
0108 Exhaust manifolds (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0014 00
0108 Exhaust manifolds (6.5L turbo)	0015 00
GROUP 03 FUEL SYSTEM	
0301 Fuel injector nozzle and gasket	0016 00
0302 Fuel pump and mounting hardware	0017 00
0302 Fuel injection pump and fuel filter lines (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0018 00
0302 Fuel injection pump and fuel filter lines (6.5L turbo)	0019 00
0302 Fuel injection supply and return lines	0020 00
0302 Fuel injection pump cover assembly, governor linkage, and related parts	0021 00
0302 Fuel injection pump throttle shaft, regulator, transfer pump, and related parts	0022 00
0302 Fuel injection pump housing, head and rotor, drive shaft, and related parts	0023 00
0305 Turbocharger assembly	0024 00
0311 Glow plug	0025 00
0312 Accelerator cable bracket and idle spring	0026 00
GROUP 05 COOLING SYSTEM	
0503 Thermostat, water crossover, and attaching hardware	0027 00
0504 Water pump and attaching hardware	0028 00
0505 Fan drive and pulley	0029 00
GROUP 06 ELECTRICAL SYSTEM	
0610 Sending units (6.2L and 6.5L naturally aspirated and 6.5L detuned)	0030 00
0610 Sending units (6.5L turbo)	0031 00
0610 Fan cut-off switch, throttle position sensor, and engine speed sensor	0032 00
GROUP 07 TRANSMISSION	
0705 Modulator rod assembly and bracket (6.2L and 6.5L detuned)	0033 00
GROUP 14 STEERING	
1410 Power steering pump support bracket (6.2L and 6.5L detuned)	0034 00
GROUP 22 ACCESSORY ITEMS	
2210 Data plates	0035 00
GROUP 94 KITS	
9401 Kits	0036 00

TABLE OF CONTENTS (CONT'D)

	<u>WP Sequence No.</u>
GROUP 95 BULK ITEMS	
9501 Bulk	0037 00
GROUP 26 TOOLS AND TEST EQUIPMENT	
2604 Special tools	0038 00
2604 Special tools	0039 00
2604 Special tools	0040 00
2604 Special tools	0041 00
NATIONAL STOCK NUMBER INDEX	0042 00
PART NUMBER INDEX	0043 00

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

INTRODUCTION

SCOPE

This Repair Parts and Special Tools List (RPSTL) lists and authorizes spares and repair parts; special tools; Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of direct support and general support maintenance of the 6.2 and 6.5 liter V-8 diesel engines. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the Source, Maintenance, and Recoverability (SMR) codes.

GENERAL

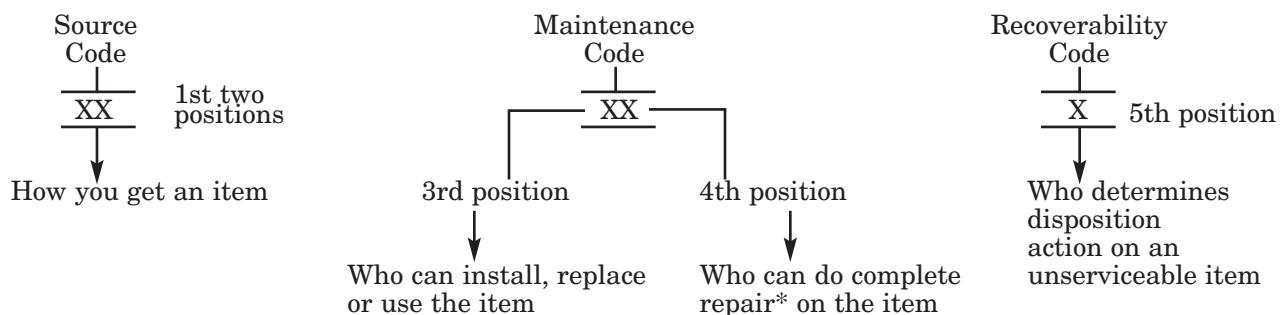
In addition to the Introduction Work Package, this Repair Parts and Special Tools List is divided into the following work packages:

- 1. Repair Parts List Work Packages.** Work packages containing lists of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within section II. Repair parts for reparable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).
- 2. Special Tools List Work Packages.** Work packages containing lists of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.
- 3. Cross-Reference Indexes Work Packages.** There are two cross-reference indexes work packages in this RPSTL: The National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number appearance. The Part Number Index work package list all part numbers in alphanumeric sequence and refers you to the figure and item number appearance.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR Code (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



* Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the Repair function in a use/user environment in order to restore serviceability to a failed item.

Source Code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code	Explanation
PA	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code.
PB	
PC**	
PD	** NOTE: Items coded PC are subject to deterioration.
PE	
PF	
PG	
KD	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
KF	
KB	
MO- (Made at Unit Level)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group of the repair parts list in the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
MF- (Made at DS Level)	
MH- (Made at GS Level)	
ML- (Made at Specialized Repair Act (SRA))	
MD- (Made at Depot)	
AO- (Assembled by Unit Level)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
AF- (Assembled by DS Level)	
AH- (Assembled by GS Level)	
AL- (Assembled by SRA)	
AD- (Assembled by Depot)	
XA-	Do not requisition an XA-coded item. Order its next higher assembly. (Also, refer to the note below.)
XB-	If an XB-coded item is not available from salvage, order it using CAGEC and part number given.
XC-	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD-	Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source-coded XA.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

Code	Application/Explanation
C	– Crew or operator maintenance done within organizational maintenance.
O	– Unit level can remove, replace, and use the item.
F	– Direct support level can remove, replace, and use the item.
H	– General support level can remove, replace, and use the item.
L	– Specialized repair activity can remove, replace, and use the item.
D	– Depot level can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes. This position will contain one of the following maintenance codes.

Code	Application/Explanation
O	– Unit is the lowest level that can do complete repair of the item.
F	– Direct support is the lowest level that can do complete repair of the item.
H	– General support is the lowest level that can do complete repair of the item.
L	– Specialized repair activity (designate the specialized repair activity) is the lowest level that can do complete repair of the item.
D	– Depot is the lowest level that can do complete repair of the item.
Z	– Nonrepairable. No repair is authorized.
B	– No repair is authorized. (No parts or special tools are authorized for the maintenance of a B-coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR code as follows:

Recoverability Code	Application/Explanation
Z	– Nonrepairable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3rd position of SMR code.
O	– Reparable item. When uneconomically repairable, condemn and dispose of the item at unit level.
F	– Reparable item. When uneconomically repairable, condemn and dispose of the item at the direct support level.
H	– Reparable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	– Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	– Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A	– Item requires special handling or condemnation procedures because of specific reasons (e.g.; precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code is used to identify the manufacturer, distributor, or Government agency/activity, that supplies the item.

Part Number (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items. Part numbers not available (N/A) will be provided as updates to this manual when available.

NOTE

When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

Description and Usable on Code (UOC) (Column (6)). This column includes the following information:

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) Items that are included in kits and sets are listed below the name of the kit or set.
- (3) Spare/repair parts that make up an assembled item are indented and listed immediately following the assembled item line entry.
- (4) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.
- (5) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC).
- (6) The usable on code, when applicable (refer to paragraph 5, Special Information).
- (7) In the Special Tools List section, the Basis of Issue (BOI) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipment supported exceeds density spread indicated in the Basis of Issue, the total authorization is increased proportionately.
- (8) The statement END OF FIGURE appears just below the last item description in column 6 for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS**1. National Stock Number (NSN) Index Work Packages.**

STOCK NUMBER Column. This column lists the NSN by National Item Identification Number (NIIN)

NSN

sequence. The NIIN consists of the last nine digits of the NSN (i.e., 5305-01-674-1467). When using this column
NIIN

to locate an item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

CAGEC Column. The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

PART NUMBER Column. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

STOCK NUMBER Column. This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and CAGEC columns to the left.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tool list work packages.

ITEM Column. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

USABLE ON CODE. The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as "UOC:" in the Description Column (justified left) on the first line applicable item description/nomenclature. Uncoded items are applicable to all models.

Identification of the usable on codes used in the RPSTL are:

Code Used On	Code	Used On	Code	Used On
AVY	M1097A1	B17	M1025A1	H18
A11	M966A1	B18	M1026A1 W/W	H20
A13	M998A1	B20	M1035A2	H21
A14	M1038A1 W/W	B24	M1045A2	H24
A15	M997A1	B25	M1043A2	H25
A20	M1035A1	C17	M1025A2	H26
A24	M1045A1	HVY	M1097	H27
A25	M1043A1	H11	M966	H28
A26	M1044A1 W/W	H13	M998	MMM
A27	M1046A1 W/W	H14	M1038 W/W	NNN
BVY	M1097A2	H15	M997	XAA
B15	M997A2	H16	M996	XBB
B16	M996A1	H17	M1025	M1114

Fabrication Instructions. Bulk materials required to manufacture items are listed in the Bulk Material Functional Group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source-coded to be manufactured or fabricated are found in TM 9-2320-280-20 and TM 9-2815-237-34.

Assembly Instructions. Detailed assembly instructions for items source-coded to be assembled from component spare/repair parts are found in TM 9-2320-280-20 and TM 9-2320-280-34. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

Kits. Line item entries for repair parts kits appear in group 9401 KITS in the repair parts list work packages.

Index Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in the repair parts list work packages.

Associated Publications. The publications listed below pertain to the 1-1/4 ton, 4x4, M998, M998A1, and M998A2 series vehicles and their components.

TM 9-2320-280-10	Operator's Manual
TM 9-2320-280-10HR	Hand Receipt, Operator's Manual
TM 9-2320-280-20	Unit Maintenance Manual
TM 9-2320-280-24P	Unit, Direct Support, and General Support Maintenance Repair Parts and Special Tools List
TM 9-2320-280-34	Direct Support and General Support Maintenance Manual
TM 9-2815-237-34	Direct Support and General Support Engine Maintenance Manual
DMWR 9-2815-237	Depot Maintenance Work Requirements, Engine

Illustrations. Item numbers on illustrations have been assigned in clockwise sequence, starting at the 11 o'clock position (upper left).

USMC SMR Codes. There are cases in TM 9-2815-237-34P where the USMC uses different SMR codes than the Army. The list provided below identifies these differences and is for Marine Corps use only. This list is the only place in TM 9-2815-237-34P where these differences appear. It is recommended that Marine Corps technicians make the appropriate annotations within the body of this technical manual. All items w/PB, PC, PE, PF, or PG in the first two positions of the SMRC will be PA for the USMC.

FOR USMC USE ONLY

FIG NO	ITEM NO	MFG P/N	ITEM NAME	MARINE CORPS PECULIAR SMRC
7	1	25534835	SCREW	PAHZZ
7	2	14022652	GEAR, HELICAL	PAHZZ
7	3	12337902	SCREW, CAP HEX	PAHZZ
7	4	14022648	WASHER, FLAT 12MM	PAHZZ
7	5	14022653	GEAR, HELICAL	PAHZZ
7	6	14022647	CHAIN, ROLLER	PAHZZ
7	7	14022645	SPROCKET WHEEL	PAHZZ
7	8	14022646	SPROCKET WHEEL	PAHZZ
7	8	10154689	SPROCKET WHEEL	PAHZZ
15	1	14059057	NOZZLE, FUEL INJ	PAOZZ
15	1	14063606	NOZZLE, FUEL INJ	PAOZZ
15	1	10233972	NOZZLE, FUEL INJ	PAOZZ
15	1	10233973	NOZZLE, FUEL INJ	PAOZZ
15	2	14025557	GASKET	PAOZZ

BOI. The Basis of Issue (BOI) for the tools listed in section III of this RPSTL is as follows:

Level	Unit Description	BOI
Unit (O)	{ Maintenance unit, section or team (authorized a common tool set)	1
Direct Support (DS)	{ Company/System Support Team (except the following) Motorized Division, Heavy Division Heavy Maintenance Co. Airborne/Assault Division Forward Support Co. Heavy Maintenance Co. Light Infantry Division Heavy Maintenance Co. Light Maintenance Co.	1 2 2 3 6 0
General Support (GS)	{ Maintenance Co. Heavy Equipment Maintenance Co.	1 2

The NSN's for the Unit, Direct and General Support Special Tool Kits are listed on page B-20, in Section III of the TM 9-2320-280-20-3.

HOW TO LOCATE REPAIR PARTS

When National Stock Number or Part Number is Not Known.

(1) **First.** Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) Second. Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) Third. Identify the item on the figure and use the Figure and Item Number Index to find the NSN.

When National Stock Number or Part Number is Known.

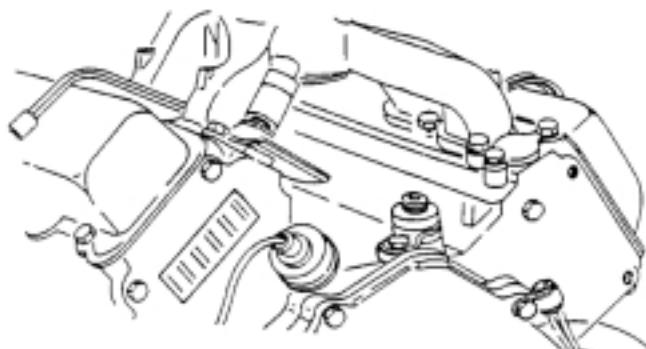
(1) First. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see 4.a.(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see 4.b.). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) Second. After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

HOW TO IDENTIFY ENGINE MODELS.

The 1990 and above engines have some new and revised parts which are not interchangeable with parts for previous model engines. Make sure you know which engine model you have before ordering replacement parts.

The 1990 engine is identified by a decal which is adhered to the left rocker arm cover. The 6.5L engine is identified by serial number bar code decal.



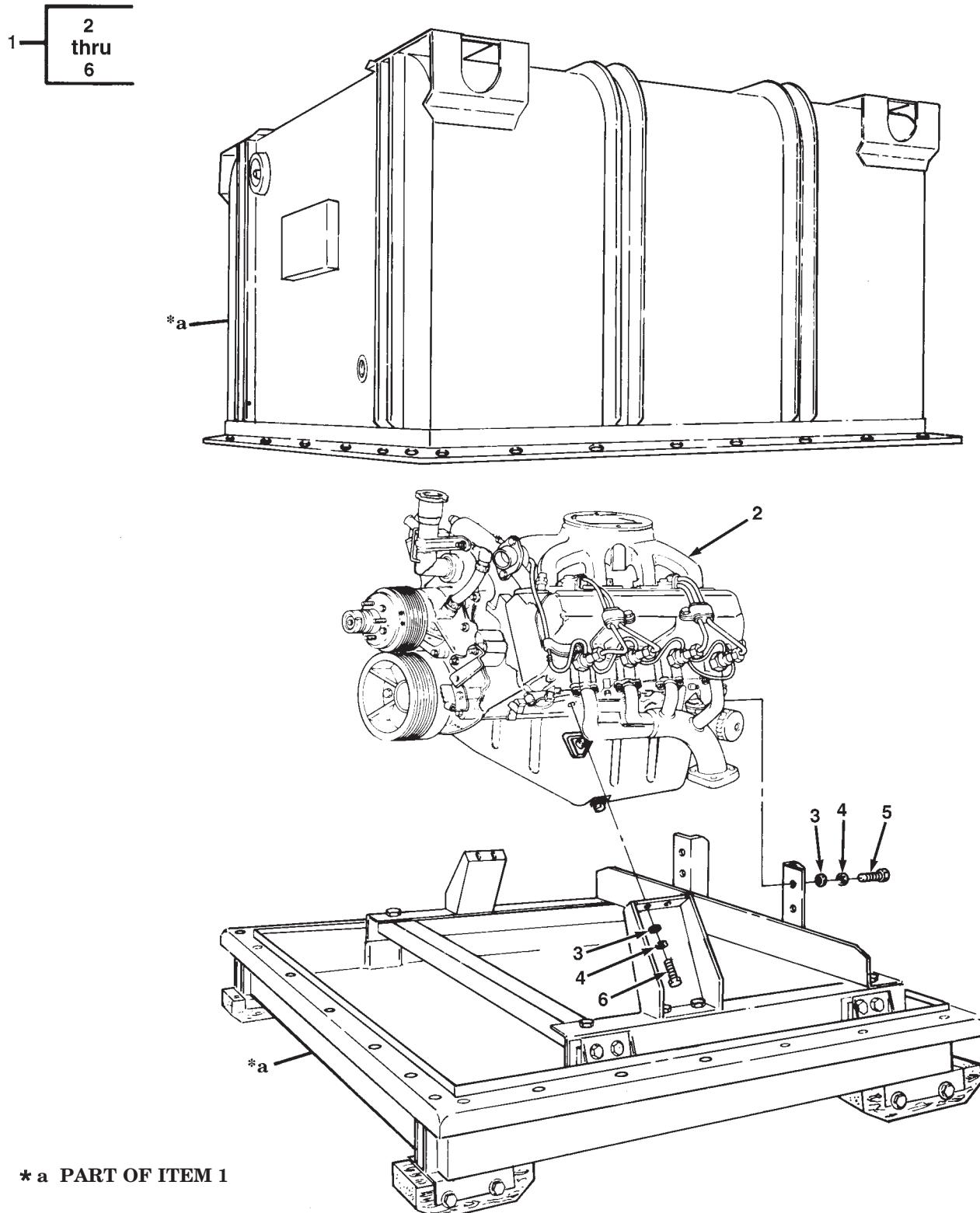
6.2 LITER

6.5 LITER

END OF WORK PACKAGE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



*** a PART OF ITEM 1**

Figure 1. Engine and Container Assembly.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 01 ENGINE 0100 ENGINE ASSEMBLY	
FIG. 1 ENGINE AND CONTAINER ASSEMBLY						
1 PAFHH 2815013147940	19207	5705628			ENGINE AND CONTAIN 6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014066675	19207	57K3226			ENGINE,WITH CONTAIN 1996,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014396664	19207	57K3525			ENGINE,WITH CONTAIN 1997,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014537404	19207	57K3537			ENGINE,WITH CONTAIN 1998,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014726312	19207	57K3547			ENGINE,WITH CONTAIN 1999,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014396664	19207	57K3556			ENGINE,WITH CONTAIN 2000,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014396664	19207	57K3567			ENGINE,WITH CONTAIN 2001,6.5 LITER DETUNED, FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
1 PAFHH 2815014109710	19207	57K3223			ENGINE WITH CONTAIN 1995 AND 1996	1

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
1 PAFHH	2815014396665	19207 57K3524			6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN ENGINE,WITH CONTAIN 1997,6.5 LITER	1
1 PAFHH	2815014537403	19207 57K3536			UOC:BVY,B15,B20,B24,B25,C17,NNN ENGINE,DIESEL 1998,6.5 LITER.....	1
1 PAFHH	2815014617078	19207 57K3543			UOC:BVY,B15,B20,B24,B25,C17,NNN ENGINE,WITH CONTAIN 1999,6.5 LITER.	1
1 PAFHH	2815014617078	19207 57K3555			UOC:BVY,B15,B20,B24,B25,C17,NNN ENGINE,WITH CONTAIN 2000,6.5 LITER	1
1 PAFHH	2815014617078	19207 57K3566			UOC:BVY,B15,B20,B24,B25,C17,NNN ENGINE,WITH CONTAIN 2001,6.5 LITER.	1
1 PAFHH	2815014204180	19207 57K3241			UOC:BVY,B15,B20,B24,B25,C17,NNN ENGINE WITH CONTAIN 1996,6.5 LITER TURBO..... UOC:XAA,XBB ENGINE,WITH CONTAIN 1997,6.5 LITER	1
1 PAFHH	2815014398164	19207 57K3526			TURBO..... UOC:XAA,XBB ENGINE,WITH CONTAIN 1998,6.5 LITER	1
1 PAFHH	2815014537402	19207 57K3538			TURBO..... UOC:XAA,XBB ENGINE WITH CONTAIN 1999,6.5 LITER	1
1 PAFHH	2815014398164	19207 57K3544			TURBO..... UOC:XAA,XBB ENGINE,WITH CONTAIN 2000,6.5 LITER	1
1 PAFHH	2815014398164	19207 57K3557			TURBO..... UOC:XAA,XBB ENGINE,WITH CONTAIN 2001,6.5 LITER	1
1 PAFHH	2815014398164	19207 57K3568			TURBO..... UOC:XAA,XBB .ENGINE,DIESEL 6.2 LITER,USBL EFF	1
2 XAFHH		19207 12338770			1 THRU 99,999..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
2 XAFHH		19207 12338770-4			.ENGINE,DIESEL 6.2 LITER,USBLE EFF 100,000 AND ABOVE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H13,H14,H15, H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
2 XAFHH		19207 12460163-1			.ENGINE,DIESEL 1996,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
2 XAFHH		19207 12460163-3			.ENGINE,DIESEL 1997,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26,	1

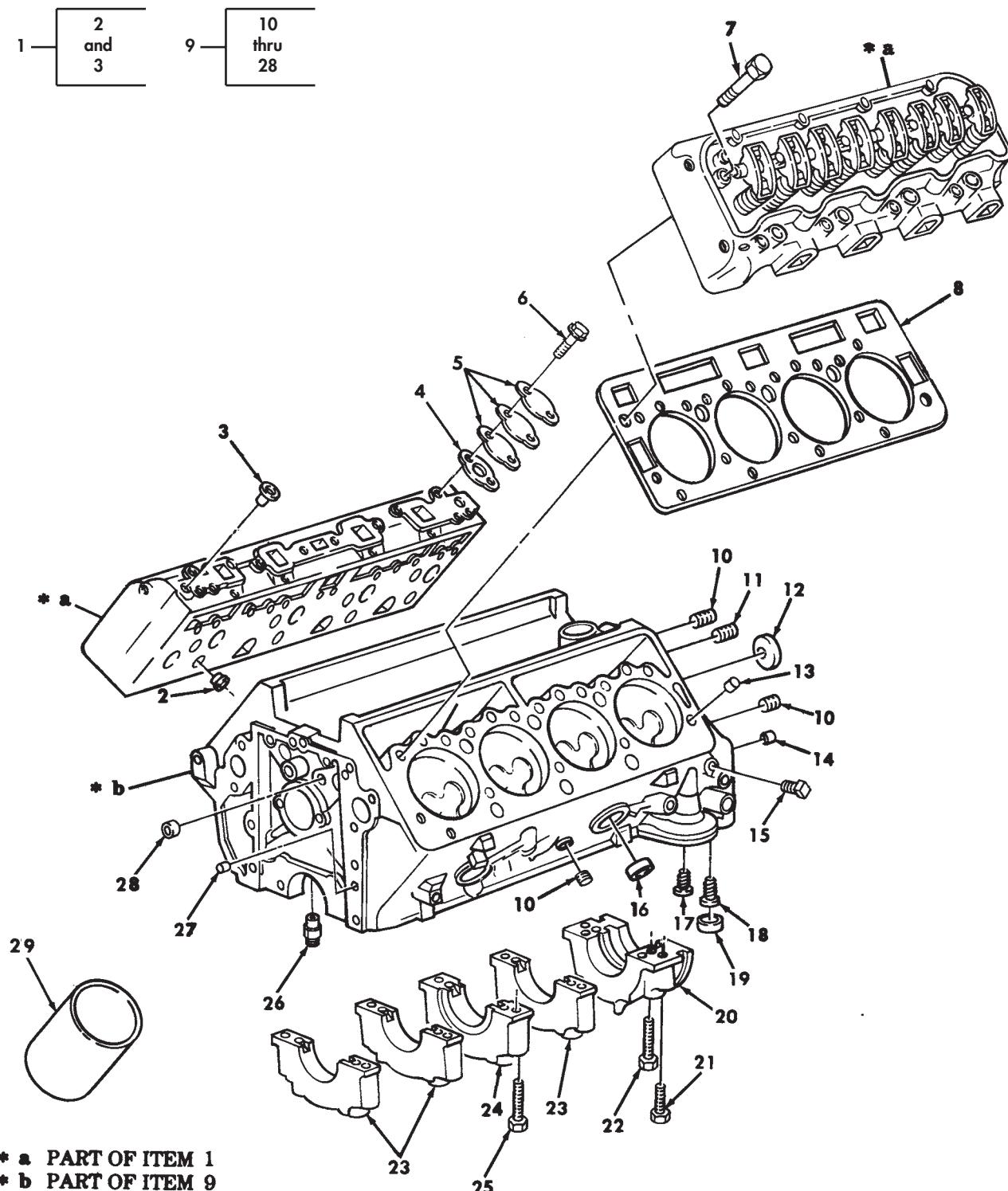
(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P		(6)	0002 00 (7)
			(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
2 XAFHH		19207 12460163-5			H27,H28,MMM .ENGINE,DIESEL 1998,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
2 XAFHH		19207 12460163-7			.ENGINE,DIESEL 1999,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
2 XAFHH		19207 12460163-9			.ENGINE,DIESEL 2000,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
2 XAFHH		19207 12460163-11			.ENGINE,DIESEL 2001,6.5 LITER DETUNED FOR USE AS 6.2 LITER REPLACEMENT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H21,H24,H25,H26,H27, H28,MMM	1
2 XAFHH		19207 12447108-1			.ENGINE,DIESEL 1995 AND 1996..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
2 XAFHH		19207 12460490			.ENGINE,DIESEL 1997,6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
2 XAFHH		19207 12469048			.ENGINE,DIESEL 1998,6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
2 XAFHH		19207 12469087			.ENGINE,DIESEL 1999,6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
2 XAFHH		19207 12469160			.ENGINE,DIESEL 2000,6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
2 XAFHH		19207 12469444			.ENGINE,DIESEL 2001,6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
2 XAFHH		19207 RCSK18263			.ENGINE,TURBO 1996,6.5 LITER..... UOC:XAA,XBB	1
2 XAFHH		19207 12460477			.ENGINE,TURBO 1997,6.5 LITER..... UOC:XAA,XBB	1
2 XAFHH		19207 12469051			.ENGINE,TURBO 1998,6.5 LITER..... UOC:XAA,XBB	1
2 XAFHH		19207 12469089			.ENGINE,TURBO 1999,6.5 LITER..... UOC:XAA,XBB	1
2 XAFHH		19207 12469163			.ENGINE,TURBO 2000,6.5 LITER..... UOC:XAA,XBB	1
2 XAFHH		19207 12469447			.ENGINE,TURBO 2001,6.5 LITER..... UOC:XAA,XBB	1

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
3	PAFZZ	5310008094061	96906	MS27183-15	.WASHER,FLAT 7/16,1998 AND BELOW...	8
3	PAFZZ	5310011861254	7X677	11501032	.WASHER,FLAT M10,1999 AND ABOVE....	8
4	PAFZZ	5310006379541	96906	MS35338-46	.WASHER,LOCK 3/8,1998 AND BELOW....	8
4	PAFZZ	5310012067306	7X677	11500207	.WASHER,LOCK M10,1999 AND ABOVE....	8
5	PAFZZ	5305007813926	80204	B1821BH038C275N	.SCREW,CAP,HEXAGON H 3/8-16 X 2.750 1998 AND BELOW.....	4
5	PAFZZ	5306014355418	80204	B18231B10070N	.BOLT,MACHINE M10-1.5 X 70MM,1999 AND ABOVE.....	4
6	PAFZZ	5305005432419	80204	B1821BH038C113N	.SCREW,CAP,HEXAGON H 3/8-16 X 1.125 1998 AND BELOW.....	4
6	PAFZZ	5306012434650	7X677	11504596	.BOLT,MACHINE M10-1.5 X 25MM,1999 AND ABOVE.....	4

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



* a PART OF ITEM 1
* b PART OF ITEM 9

Figure 2. Engine Block Assembly and Cylinder Head (Sheet 1 of 2).

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

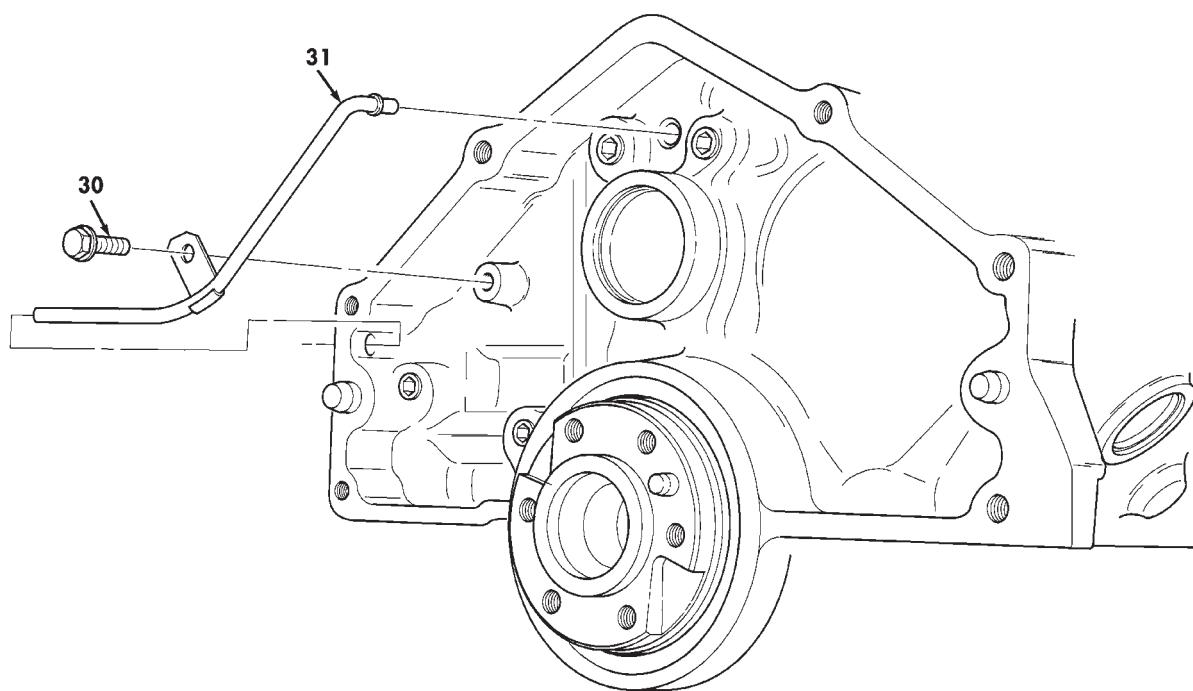


Figure 2. Engine Block Assembly and Cylinder Head (Sheet 2 of 2).

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P		(6)	0003 00 (7)
			(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
1	PAFHH	2815013134309	7X677	10163712	GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD	
					FIG. 2 ENGINE BLOCK ASSEMBLY AND CYLINDER HEAD	
1	PAFHH	2815012657071	7X677	14071072	CYLINDER HEAD,DIESE 6.2 LITER,USE WITH 1990 AND ABOVE ENGINE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	2
1	PAFHH	2815014112137	24617	10163726	CYLINDER HEAD,DIESE 6.2 LITER,USE PRIOR TO 1990 ENGINE..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	2
1	PAFHH	2815014949210	7X677	12553853	CYLINDER HEAD,DIESE 6.5 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	2
1	PAFHH	2815014351707	7X677	12556822	CYLINDER HEAD,DIESE 6.5 LITER TURBO 1996..... UOC:XAA,XBB	2
2	PAHZZ	2815011647948	7X677	14025518	CYLINDER HEAD,DIESE 6.5 LITER TURBO,1997 AND ABOVE..... UOC:XAA,XBB	8
2	PAHZZ	2815012465069	7X677	14069540	.CHAMBER,PRECOMBUSTI 6.2 LITER,USE PRIOR TO 1990 ENGINE..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	8
2	PAHZZ	2815013145435	7X677	10149688	.CHAMBER,PRECOMBUSTI 6.2 LITER, 0.010 OVERSIZE,USE PRIOR TO 1990 ENGINE..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	8
2	PAHZZ	2815013144343	7X677	10163717	.CHAMBER,PRECOMBUSTI 6.2 LITER, 0.010 OVERSIZE,USE WITH 1990 AND ABOVE ENGINE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	8
2	PAHZZ	2815014122666	7X677	10230426	.CHAMBER,PRECOMBUSTI 6.5 LITER.... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24,	8

TM9-2815-237-34P						0003 00		
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)		
2 PAHZZ	2815014131386	7X677	10230425	DESCRIPTION AND USABLE ON CODES(UOC) QTY				
2 PAHZZ	2815014371016	7X677	10149629	B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	.CHAMBER,PRECOMBUSTI	6.5 LITER	8	
2 PAHZZ	5340014692648	7X677	10183926	0.010 OVERSIZE.....	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	TURBO.....	8	
2 PAHZZ	2815014371017	7X677	10230567	.CHAMBER,PRECOMBUSTI	1996,6.5 LITER	8		
2 PAHZZ	2815014692644	24617	12550985	TURBO.....	UOC:XAA,XBB	6.5 LITER TURBO.....	8	
3 PAFZZ	5340011665640	7X677	14025517	.CHAMBER,PRECOMBUSTI	1997 AND ABOVE	8		
4 PAFZZ	5330011490874	7X677	10137488	6.5 LITER.....	UOC:XAA,XBB	6.5 LITER,0.010 OVERSIZED.....	8	
5 PAFZZ	5340011646436	7X677	14045274	.PLUG, EXPANSION.....	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	4		
6 PAFZZ	5305013976850	24617	11502685	GASKET PART OF KIT P/N 12456409	PART OF KIT P/N 12521443 PART OF KIT P/N 12531705.....	4		
7 PAFZZ	5306011487456	7X677	14077193	COVER,ACCESS.....	SCREW,CAP,HEXAGON H #10-1.5 X 30.0 MM.....	4		
7 PAFZZ	5306014108159	7X677	14077194	BOLT,EXTERNALLY REL	MM.....	34		
8 KFFZZ		7X677	10154642	6.2 LITER,12- 1.75 X 97MM.....	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	4		
8 PAFZZ	5330011576757	7X677	10163736	BOLT,MACHINE	BOLT,EXTERNALLY REL 6.2 LITER,12- 1.75 X 97MM.....	34		
8 PAFZZ	5330014856499	24617	12556031	6.5 LITER.....	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	2		
9 XAHHH		7X677	23500104	GASKET	GASKET 6.2 LITER,PRIOR TO 1990	2		
				PART OF KIT P/N 12531705.....	UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM			
				GASKET	GASKET 6.2 LITER,1990 AND ABOVE	2		
				PART OF KIT P/N 12521443.....	PART OF KIT P/N 12521443.....			
				UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM			
				GASKET	GASKET 6.5 LITER PART OF KIT P/N 12456409.....	2		
				BLOCK ASSEMBLY	BLOCK ASSEMBLY 6.2 LITER.....	1		
				UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM			

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
9	XAHHH		7X677	12555547	BLOCK ASSEMBLY 6.5 LITER,1995..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H21,H25,H26,H27,H28,MMM, NNN	1
9	XAHHH		7X677	12555549	BLOCK,ASSEMBLY 6.5 LITER,1997..... UOC:AVY,A11,A13,A14,A24,A25,A26,A27, BVY,B17,B18,B24,B25,C17,HVY,H11,H13, H14,H17,H18,H21,H24,H25,H26,H27,H28, MMM,NNN	1
9	XAHHH		7X677	12557358	BLOCK, ASSEMBLY 6.5 LITER,1996..... UOC:AVY,A11,A13,A14,A24,A25,A26,A27, BVY,B17,B18,B24,B25,C17,HVY,H11,H13, H14,H17,H18,H21,H24,H25,H26,H27,H28, MMM,NNN	1
9	XAHHH		7X677	12559369	BLOCK ASSEMBLY 6.5 LITER,1998 AND ABOVE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1
9	XAHHH		7X677	12553121	BLOCK ASSEMBLY 6.5 LITER TURBO,1996	1
9	XAHHH		7X677	12555490	UOC:XAA,XBB	1
9	XAHHH		7X677	12559372	BLOCK ASSEMBLY 6.5 LITER TURBO,1997 UOC:XAA.XBB	1
10	PAFZZ	4730000444655	30379	444655	BLOCK ASSEMBLY 6.5 LITER TURBO,1998 AND ABOVE..... UOC:XAA.XBB	1
11	PAFZZ	5365011544378	7X677	444782	.PLUG,PIPE OIL PASSAGE,1/4-18..... .PLUG,MACHINE THREAD OIL GALLERY,3/ 8-18.....	5
12	PAHZZ	5340011497977	7X677	3999200	.PLUG,EXPANSION CAMSHAFT.....	1
13	PAFZZ	5365011623797	7X677	12558081	.SPACER,RING.....	4
14	PAFZZ	5315011861352	7X677	12338119	.PIN,STRAIGHT,HEADLE FLYWHEEL HOUSING.....	2
15	PAFZZ	4730001874202	81348	WW-P-471AASBCC	.PLUG,PIPE 3/8-18.....	1
16	PAFZZ	5340004496408	7X677	10000462	.CAP,PROTECTIVE,DUST.....	6
17	PAHZZ	4820011531851	7X677	25011206	.VALVE,SAFETY RELIEF 6.2 LITER FILTER BY-PASS..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
17	PAFH	4820014369135	7X677	25014006	.VALVE,SAFETY RELIEF 6.5 LITER.....	1
18	PAHZZ	6615011531852	7X677	25014694	.VALVE,SAFETY RELIEF 6.2 LITER,OIL COOLER BY-PASS..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B15,B16,B17,B20,B24,B25,C17, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
18	PAFH	4820014407461	7X677	25161285	.VALVE,REGULATING,FL 6.5 LITER,OIL	1

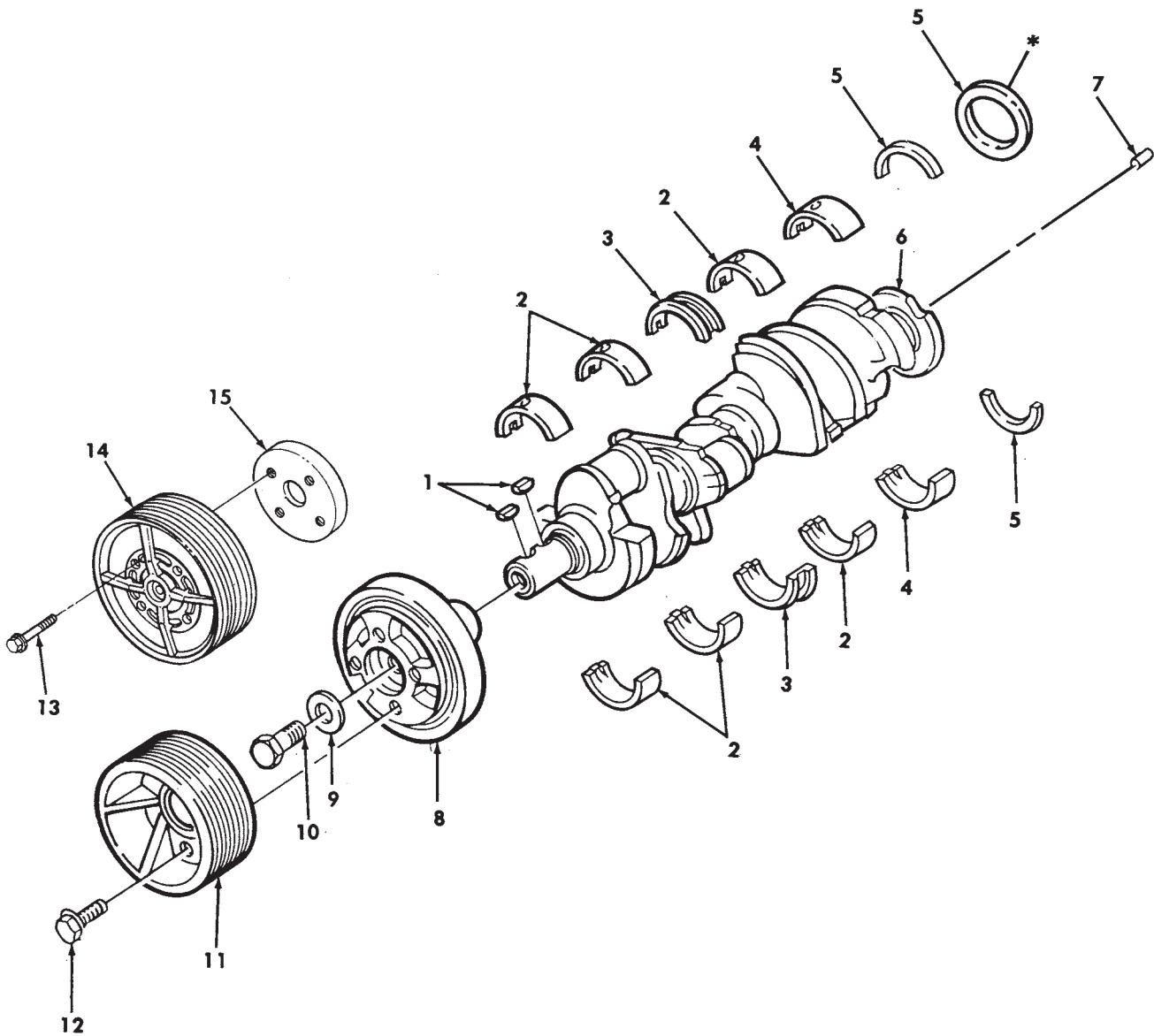
TM9-2815-237-34P					0003 00	(7)
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	
19	PAHZZ	2815011660621	7X677	14066310	COOLER BY-PASS.....	
20	XAHZZ		7X677	14022666	.PLUG,PISTON PIN OIL COOLER BY-PASS	1
					.CAP,PILLOW BLOCK CRANKSHAFT	1
					BEARING,NO.5.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					.CAP,PILLOW BLOCK CRANKSHAFT	1
					BEARING NO.5.....	
					.BOLT,SHOULDER OUTBOARD,12-1.75 X 68MM UP TO 1995.....	10
					.BOLT,SHOULDER OUTBOARD,12-1.72 X 68MM,1996 AND ABOVE.....	4
					.BOLT,EXTERNALLY REL INBOARD,12- 1.75 X 97MM,6.2 LITER.....	10
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					.BOLT,MACHINE INBOARD,6.5 LITER....	10
					.CAP,PILLOW BLOCK CRANKSHAFT	3
					BEARING,NOS.1,2,4.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					.CAP,PILLOW BLOCK CRANKSHAFT	3
					BEARING NOS.1,2,4.....	
					.CAP,PILLOW BLOCK CRANKSHAFT	1
					BEARING NO.3 6.5 LITER.....	
					.CAP,PILLOW BLOCK CRANKSHAFT	1
					BEARING,NO.3 6.2 LITER.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					.BOLT,SHOULDER OUTBOARD,M10-1.5 X 68 MM,6.5 LITER,1996 AND ABOVE.....	6
					.NOZZLE PISTOL OIL SPRAY,1997 AND ABOVE,6.5 LITER.....	8
					.PIN,STRAIGHT,HEADLE.....	2
					.PLUG,PIPE MAGNETIC.....	2
					CYLINDER SLEEVE 6.5 LITER ENGINE, V	
					CYLINDER SLEEVE 6.2 LITER..... V	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					CYLINDER SLEEVE 6.5 LITER, 3/32 V	
					INCH WALL.....	
					CYLINDER SLEEVE 6.5 LITER ENGINE, V	
					1/8 INCH WALL.....	
29	PFHZZ	2815014562772	01RE3	SL195		
29	PFHZZ	2815014562774	01RE3	SL295		

TM9-2815-237-34P					(6)	0003 00
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
30	PAFZZ	5305013022933	1RGD4	14002104	SCREW,CAP HEXAGON H.....	1
31	PAFZZ	4710015025609	34623	12553673	TUBE ASSEMBLY,METAL.....	1

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER



* USED ON 6.5 LITER ONLY

Figure 3. Crankshaft, Damper, Bearings, and Pulley.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0102 CRANKSHAFT						
FIG. 3 CRANKSHAFT, DAMPER, BEARINGS, AND PULLEY						
1	PAFZZ	5315013049173	72582	8928543	KEY SPECIAL.....	2
2	PAHZZ	3120011524239	7X677	18009096	BEARING,SLEEVE NOS.1,2,4,STANDARD 1995 AND 1996.....	3
2	PAHZZ	3120014593844	24617	12531692	BEARING SET,SLEEVE STANDARD NO.4, 1997 AND ABOVE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A16,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1
2	PAHZZ	3120014593844	24617	12531692	BEARING SET,SLEEVE STANDARD NOS.1, 2,4,1997 AND ABOVE..... UOC:XAA,XBB	3
2	PAHZZ	3120011528201	7X677	12531702	BEARING,SLEEVE NOS.1,2,4,.013 MM	3
2	PAHZZ	3120014773639	7X677	12531693	UNDERSIZE 1995 AND 1996..... BEARING SET,SLEEVE NO.4,.013 MM UNDERSIZE 1997 AND ABOVE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A16,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1
2	PAHZZ	3120014773639	7X677	12531693	BEARING SET,SLEEVE NOS.1,2,4,0.013 MM UNDERSIZE,1997 AND ABOVE..... UOC:XAA,XBB	3
2	PAHZZ	3120011537545	7X677	18009098	BEARING,SLEEVE NOS.1,2,4,.026 MM	3
2	PAHZZ	3110014773640	7X677	12536194	UNDERSIZE,1995 AND 1996..... BALL,BEARING NO.4,.026 MM UNDERSIZE,1997 AND ABOVE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A16,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1
2	PAHZZ	3110014773640	7X677	12536194	BALL,BEARING NOS.1,2,4,.026 MM UNDERSIZE,1997 AND ABOVE..... UOC:XAA,XBB	3
3	PAHZZ	3120011522039	34623	5740201	BEARING SET,SLEEVE NO.3,STANDARD, 1995 AND 1996.....	1
3	PAHZZ	3110014773642	7X677	12531695	BALL,BEARING NO.3,STANDARD,1997 AND ABOVE.....	1
3	PAHZZ	3120011733728	7X677	14053400	BEARING,SLEEVE NO.3,.013 MM	1
3	PAHZZ	3110014773645	7X677	12531696	UNDERSIZE,1995 AND 1996..... BALL,BEARING NO.3,.013 MM UNDERSIZE,1997 AND ABOVE.....	1
3	PAHZZ	3120011753813	7X677	23500111	BEARING,SLEEVE NO.3,.026 MM	1
3	PAHZZ	3110014773643	7X677	12531697	BALL,BEARING NO.3,.026 MM UNDERSIZE,1997 AND ABOVE.....	3

TM9-2815-237-34P					(6)	0004 00 (7)
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
4	PAHZZ	3120011521989	7X677	14055002	BEARING,SLEEVE NO.5,STANDARD,1995 AND 1996.....	1
4	PAHZZ	3110014773644	7X677	12531698	BALL,BEARING NO. 5,STANDAR, 1997 AND ABOVE.....	3
4	PAHZZ	3120011773064	7X677	14055003	BEARING,SLEEVE NO.5,.013 MM UNDERSIZE,1995 AND 1996.....	1
4	PAHZZ	3110014773647	7X677	12531699	BALL,BEARING NO. 5,.013 MM UNDERSIZE,1997 AND ABOVE.....	3
4	PAHZZ	3120011817938	7X677	14055004	BEARING,SLEEVE NO.5,.026 MM UNDERSIZE,1995 AND 1996.....	1
4	PAHZZ	3110014773647	7X677	12531700	BALL,BEARING NO.5,.026 MM UNDERSIZE 1997 AND ABOVE.....	3
5	PAFZZ	5331012491629	7X677	23500139	SEAL,ENCASED PLAIN REAR MAIN,6.2 LITER PART OF KIT P/N 12514590..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	2
5	PAFZZ	5330013788577	7X677	23503969	SEAL,PLAIN REAR MAIN,6.5 LITER PART OF KIT P/N 12514591-RB-12532530.....	1
6	PAHZZ	2815011489535	7X677	23500246	CRANKSHAFT,ENGINE 6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
6	PAHZZ	2815014113964	7X677	23502596	CRANKSHAFT,ENGINE 6.5 LITER.....	1
7	PAHZZ	5315011495433	7X677	3701679	PIN,STRAIGHT,HEADLE.....	1
8	PAFZZ	2805011497859	7X677	14022671	DAMPER ASSEMBLY,TOR 6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
8	PAFZZ	2815014112138	7X677	10154688	DAMPENER,VIBRATION, 6.5 LITER.....	1
9	PAFZZ	5310011478744	7X677	23504011	WASHER,FLAT 16.5MM.....	1
10	PAFZZ	5305011483686	7X677	14022672	SCREW,CAP,HEXAGON H 16-1.5 X 50 MM.	1
11	PAFZZ	3020011883884	19207	12339393	PULLEY,GROOVE..... UOC:AVY,A11,A13,A14,A15,AA20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
12	PAFZZ	5306012519188	19207	12340845-1	BOLT,MACHINE 10-1.5 X 20MM.....	4
13	PAOZZ	5305013601136	73342	11505328	SCREW,CAP,HEXAGON H.....	4
14	PAOZZ	3020014427485	34623	RCSK17749	UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	1
15	PAOZZ	5365014557545	34623	RCSK17748	PULLEY ASSEMBLY,ISO..... UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	1
					SPACER,RING..... UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	1

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

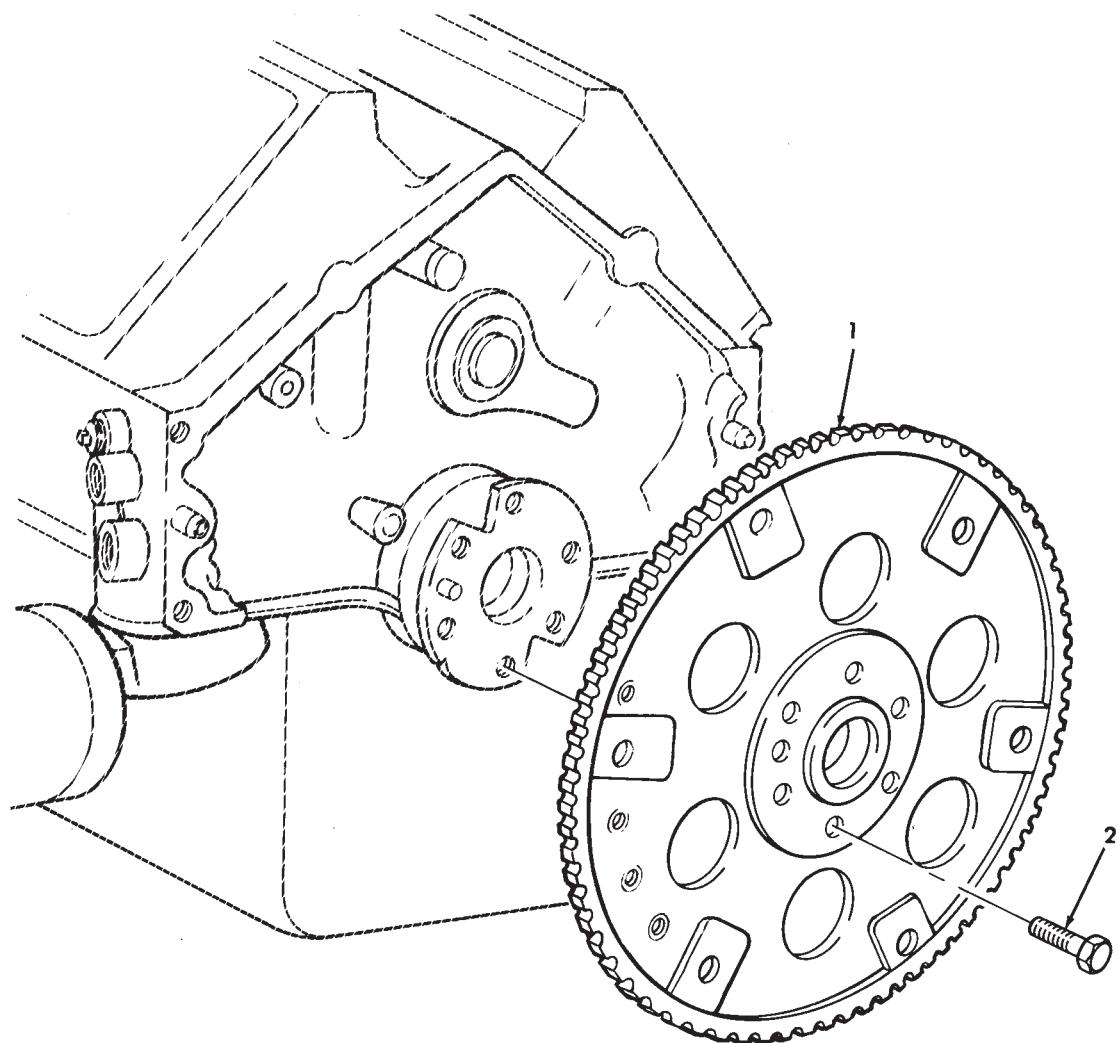


Figure 4. Flywheel.

TM9-2815-237-34P

0005 00

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)
-------------------	--------------------	------------	--------------	-----------------------	-----	-----

DESCRIPTION AND USABLE ON CODES(UOC) QTY

GROUP 0103 FLYWHEEL ASSEMBLY

FIG. 4 FLYWHEEL

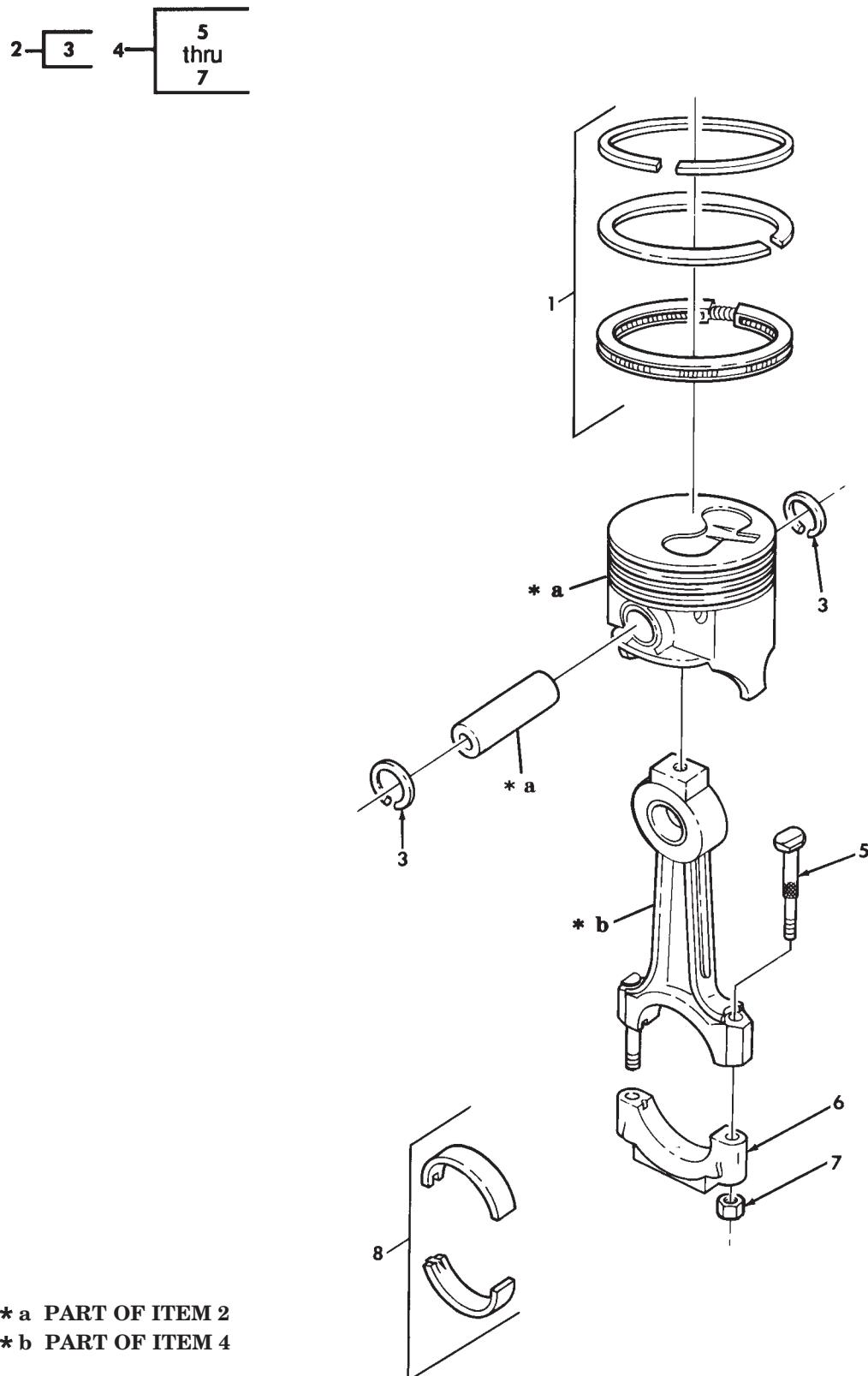
1 PAFZZ 2815011483771 7X677 14077157
2 PAFZZ 5306011488198 7X677 3727207

FLYWHEEL, ENGINE..... 1
BOLT, MACHINE 7/16-20 X .70..... 6

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER



* a PART OF ITEM 2
* b PART OF ITEM 4

Figure 5. Piston Assembly, Rod Assembly, and Ring Set.

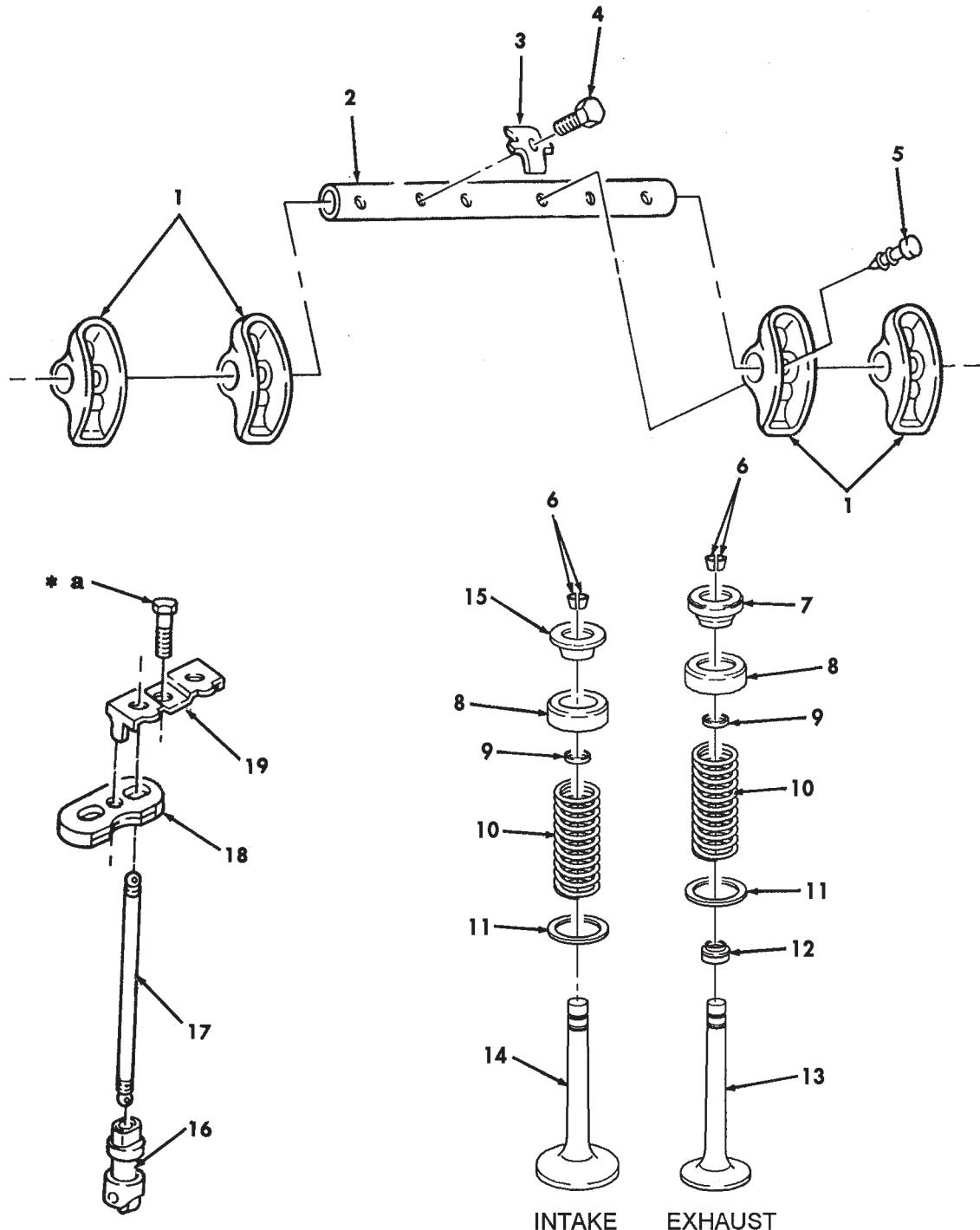
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0104 PISTON, CONNECTING RODS						
FIG. 5 PISTON ASSEMBLY, ROD ASSEMBLY, AND RING SET						
1	PAHZZ	2815011637838	7X677	15537018	RING SET,PISTON 6.2 LITER,STANDARD. UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	8
1	PAHZZ	2815013991020	7X677	12369198	RING SET,PISTON 6.5 LITER,STANDARD.	8
1	PAHZZ	2815011639999	7X677	15537020	RING SET,PISTON 6.2 LITER,.75 MM OVERSIZE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	8
1	PAHZZ	2815014126760	7X677	12369199	RING SET,PISTON 6.5 LITER,.50 MM OVERSIZE.....	8
2	PAHZZ	2815012465268	7X677	23500391	PISTON,INTERNAL COM 6.2 LITER, STANDARD..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	8
2	PAHZZ	2815014128161	7X677	12550059	PISTON,INTERNAL COM 6.5 LITER, STANDARD.....	8
2	PAHZZ	2815012465269	7X677	23500393	PISTON,INTERNAL COM 6.2 LITER,.75 MM OVERSIZE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	8
2	PAHZZ	2815014128162	7X677	12550062	PISTON,INTERNAL COM 6.5 LITER,.50 MM OVERSIZE.....	8
2	PAHZZ	2815011640138	7X677	23500392	PISTON,INTERNAL COM 6.2 LITER,HIGH LIMIT..... UOC:AVY,A11,A13,A20,A24,HVY,H11,H13, H14,H15,H16,H17,H18,H20,H21,H24,H25, H26,H27,H28,MMM	8
3	PAHZZ	5325012340447	7X677	23500298	.RING,RETAINING.....	2
4	PAHZZ	2815011502198	7X677	14025523	CONNECTING ROD,PIST.....	8
5	PAHZZ	5306011652425	7X677	14025526	.BOLT,MACHINE.....	2
6	XAHZZ		7X677	14025525	.CAP,CONNECTING ROD.....	1
7	PAHZZ	5310011653333	7X677	14025527	.NUT,PLAIN,HEXAGON.....	2
8	PAHZZ	3120011553517	7X677	12517006	BEARING HALF,SLEEVE STANDARD (QTY PAIR).....	1
8	PAHZZ	3120014934020	7X677	12517007	BEARING,HALF SLEEVE STANDARD (KIT QTY 16).....	1
8	PAHZZ	3120014233698	0B0B1	CB1286P.25MM	PARTS KIT,BEARING R .25MM.....	8
8	PAHZZ	2815014149135	34623	57K3224	PARTS KIT,PISTON AS .26MM.....	8

END OF FIGURE

0006 00-1

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



* a PART OF ITEM 19

Figure 6. Valves, Guides, and Rocker Arm Assemblies.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P		(6)	0007 00 (7)
			(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0105 VALVES, CAMSHAFTS, AND TIMING SYSTEM						
FIG. 6 VALVES, GUIDES, AND ROCKER ARM ASSEMBLIES						
1 PAFZZ 2815011489540	7X677	23500074			ROCKER ARM,ENGINE P.....	16
2 PAFZZ 3040011924466	7X677	23500075			SHAFT,STRAIGHT.....	4
3 PAFZZ 2815011726780	7X677	14057296			RETAINER,ROCKER SHA.....	8
4 PAFZZ 5306011494395	7X677	11508355			BOLT,MACHINE 10-1.5 X 50 MM.....	8
5 PAFZZ 3040012127616	7X677	23500076			RETAINER,ROCKER ARM.....	16
6 PAHZZ 2805001557266	7X677	3947770			LOCK,VALVE SPRING R.....	32
7 PAHZZ 2805001557263	7X677	14042575			ROTOR,ENGINE POPPET INTAKE VALVE...	8
8 PAHZZ 5365011541484	7X677	14025515			SPACER,SLEEVE.....	16
9 PAHZZ 2805007520158	7X677	10214034			SEAL INLET PART OF KIT P/N 12521443.	16
					PART OF KIT P/N 12456409 PART OF KIT	
					P/N 12531705.....	
10 PAHZZ 5360011757269	7X677	14025512			SPRING.....	16
11 PAHZZ 5310011576773	7X677	12337836			WASHER,FLAT.....	16
12 PAHZZ 5330013157047	7X677	23502552			SEAL,PLAIN EXHAUST VALVE PART OF	8
					KIT P/N 12521443 PART OF KIT P/N	
					12456409.....	
13 PAHZZ 2815013988487	7X677	10149663			VALVE,POPET,ENGINE 6.5 LITER,	8
13 PAHZZ 2815014113965	7X677	10154626			EXHAUST,STANDARD.....	
13 PAHZZ 2815013146887	7X677	10137454			VALVE,POPET,ENGINE 6.5 LITER,	V
					EXHAUST,.089 MM OVERSIZE.....	
13 PAHZZ 2815013144339	7X677	10137455			VALVE,POPET,ENGINE 6.2 LITER,	8
					EXHAUST,STANDARD.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25,	
					A26,A27,B16,B17,B18,HVY,H11,H13,H14,	
					H15,H16,H17,H18,H20,H21,H24,H25,H26,	
					H27,H28,MMM	
					VALVE,POPET,ENGINE 6.2 LITER,	V
					EXHAUST,.089 MM OVERSIZE.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25,	
					A26,A27,B16,B17,B18,HVY,H11,H13,H14,	
					H15,H16,H17,H18,H20,H21,H24,H25,H26,	
					H27,H28,MMM	
13 PAHZZ 2815011658002	7X677	10137456			VALVE,POPET,ENGINE 6.2 LITER,	V
					EXAUST,.349 MM OVERSIZE,USE PROIR	
					TO 1990 ENGINE.....	
					UOC: HVY,H11,H13,H14,H15,H16,H17,H18	
					H20,H24,H25,H26,H27,H28,MMM	
14 PAHZZ 2815011637189	7X677	14033927			VALVE,POPET,ENGINE INTAKE,STANDARD	8
14 PAHZZ 2815011637190	7X677	14050658			6.2 AND 6.5 LITER.....	
14 PAHZZ 2815011637191	7X677	14050659			VALVE,POPET,ENGINE INTAKE,.089 MM	8
					OVERSIZE 6.2 AND 6.5 LITER.....	
					VALVE,POPET,ENGINE 6.2 LITER,	8
					INTAKE,.349 MM OVERSIZE.....	
					UOC:AVY,A11,A13,A20,A24,B24,B25,C17,	
					HVY,H11,H13,H14,H15,H16,H17,H18,H20,	
					H21,H24,H25,H26,H27,H28,MMM	
15 PAHZZ 2805011422631	7X677	14003974			CAP,ENGINE POPPET V EXHAUST VALVE..	8

TM9-2815-237-34P					0007 00	(7)
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	
16	PAFZZ	2815011479358	7X677	5234530	TAPPET,ENGINE POPPE.....	16
17	PAFZZ	2815011500673	7X677	23503994	PUSH ROD,ENGINE POP.....	16
18	PAFZZ	2815011474200	7X677	12560960	PLATE,VALVE LIFTER.....	8
19	PAFZZ	2815011474201	7X677	14022640	CLAMP,VALVE LIFTER.....	8

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

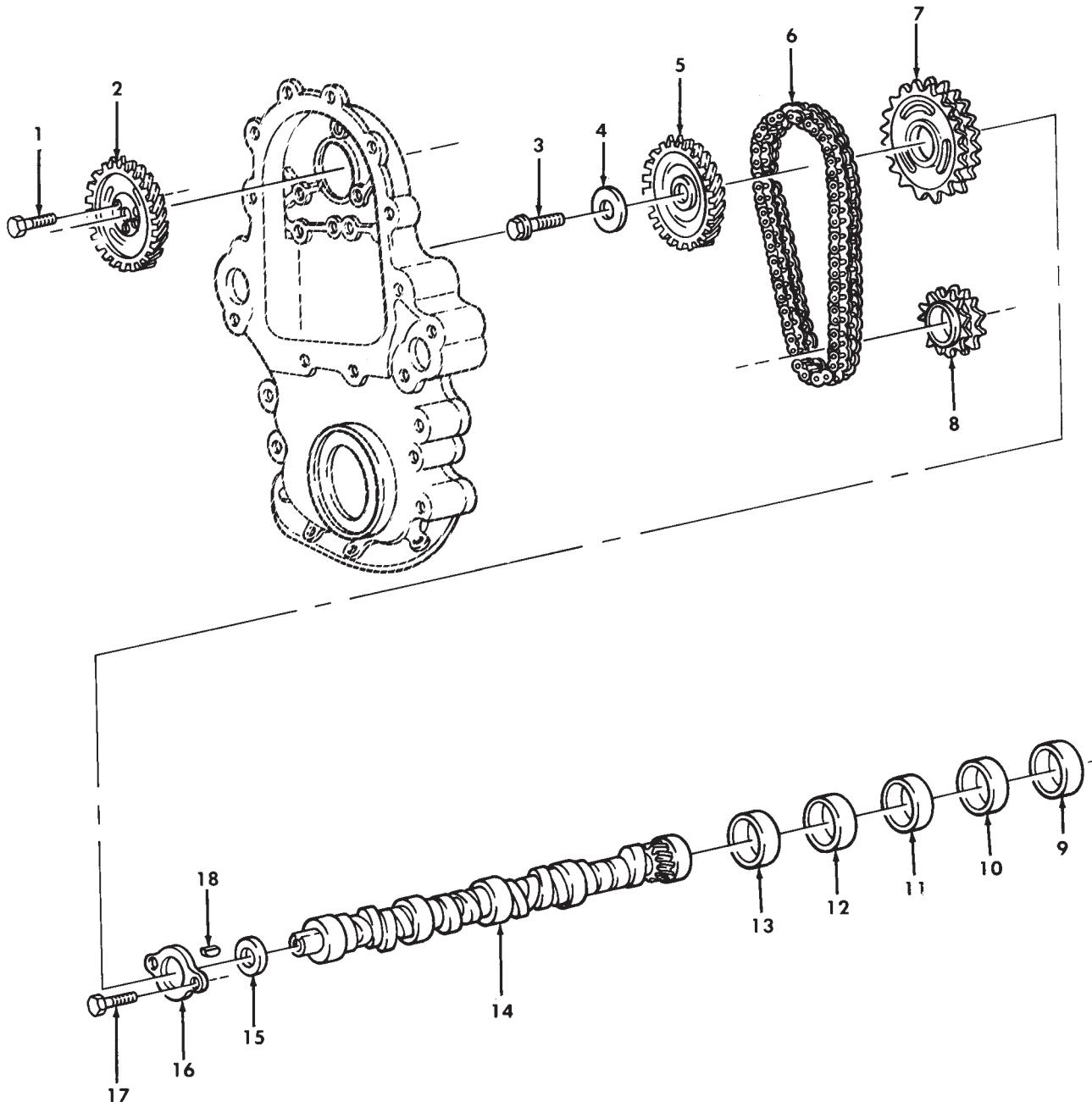


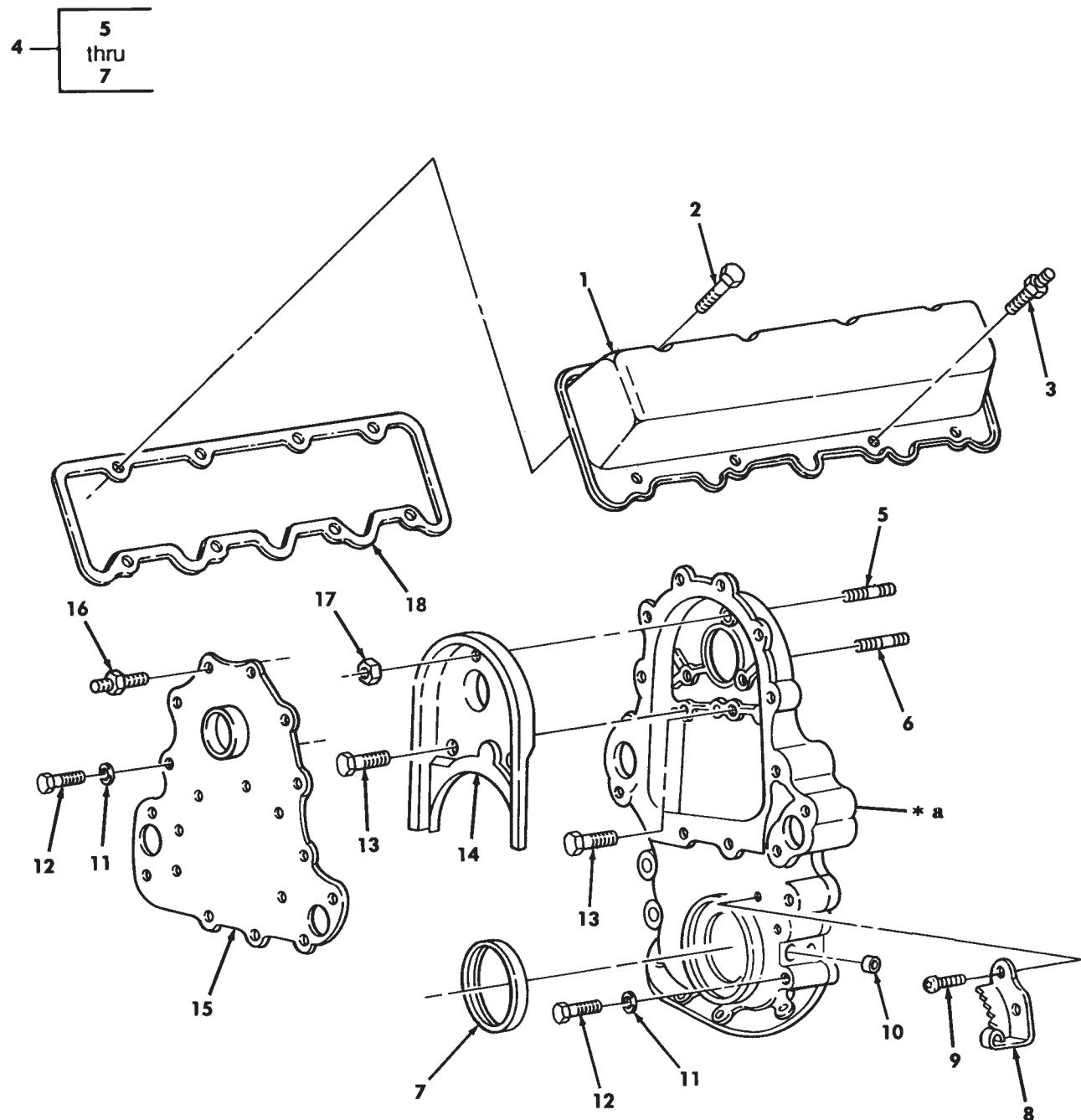
Figure 7. Camshaft, Timing Chain, and Related Parts.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P (4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	0008 00 (7) QTY
1	PAFZZ	5305011627885	7X677	25534835	GROUP 0105 VALVES, CAMSHAFTS, AND TIMING SYSTEM	
2	PAFZZ	3020011488846	7X677	14022652	FIG. 7 CAMSHAFT, TIMING CHAIN, AND RELATED PARTS	
3	PAFZZ	5305012511626	7X677	12337902		
4	PAFZZ	5310011490870	7X677	14022648		
5	PAFZZ	3020011489547	7X677	14022653		
6	PAFZZ	3020011555779	7X677	14022647		
7	PAFZZ	3020011495915	7X677	14022645		
8	PAFZZ	3020011502207	7X677	14022646		
8	PAFZZ	3020014255380	7X677	10154689	SCREW,ASSEMBLED WAS.....	3
9	KFHZZ		7X677	14048457	GEAR,HELICAL.....	1
10	KFHZZ		7X677	14048456	SCREW,CAP,HEXAGON H 12-1.75 X 40MM.	1
11	KFHZZ		7X677	14048455	WASHER,FLAT 12MM.....	1
12	KFHZZ		7X677	14048454	GEAR,HELICAL.....	1
13	KFHZZ		7X677	14048453	CHAIN,ROLLER.....	1
14	PAHZZ	2815011486971	7X677	14066308	SPROCKET WHEEL.....	1
15	PAHZZ	5365011501386	7X677	14022643	PULLEY,TIMING BELT 6.2 LITER.....	1
16	PAHZZ	3120011522612	7X677	14022644	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14 H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
17	PAHZZ	5305011491938	7X677	11509589	SPROCKET WHEEL 6.5 LITER.....	1
18	PAFZZ	5315013049173	7X677	106751	BEARING,SLEEVE NO.5,ORANGE PART OF KIT P/N 1496M.....	1
					BEARING,SLEEVE NO.4,GREEN PART OF KIT P/N 1496M.....	1
					BEARING,SLEEVE NO.3,YELLOW PART OF KIT P/N 1496M.....	1
					BEARING,SLEEVE NO.2,PINK PART OF KIT P/N 1496M.....	1
					BEARING,SLEEVE NO.1,PLAIN PART OF KIT P/N 1496M.....	1
					CAMSHAFT,ENGINE.....	1
					SPACER,RING.....	1
					BEARING,WASHER,THRU.....	1
					SCREW,CAP,HEXAGON H 8-1.25 X 16MM..	2
					KEY SPECIAL.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



* a PART OF ITEM 4

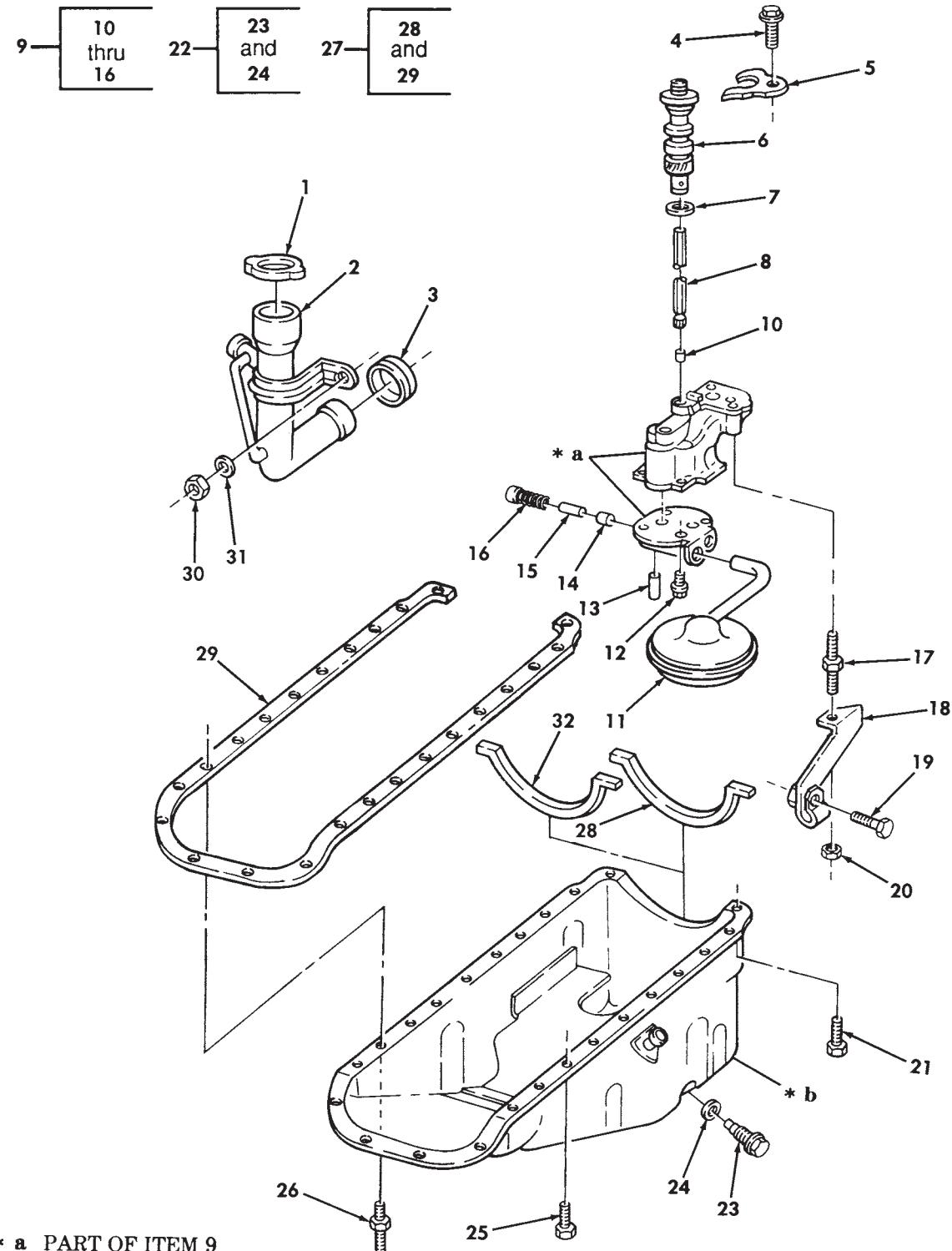
Figure 8. Crankcase Cover Assembly and Rocker Cover.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)
DESCRIPTION AND USABLE ON CODES(UOC)						QTY
GROUP 0105 VALVES, CAMSHAFTS, AND TIMING SYSTEM						
FIG. 8 CRANKCASE COVER ASSEMBLY AND ROCKER COVER						
1 PFFZZ 2815011489533	7X677	12564564			COVER,ENGINE POPPET.....	2
2 PAFZZ 5306011494398	7X677	11500914			BOLT,MACHINE 8-1.25 X 12 MM.....	6
3 PAFZZ 5307011549586	7X677	14033818			STUD,SHOULDERED 8-1.25 X 1 X 12 MM.	10
4 PAFFF 2815011489534	7X677	12522839			COVER,TIMING GEAR,I.....	1
5 PAFZZ 5307011884684	7X677	10024396			.STUD,PLAIN.....	1
6 PAFZZ 5307011505993	7X677	22548601			.STUD,PLAIN 10-1.5 X 45.5.....	2
7 PAFZZ 5330013983777	7X677	10191640			.SEAL,PLAIN ENCASED PART OF KIT P/N 12514591-RB-12532530 PART OF KIT P/N 12514590.....	1
8 PAFZZ 2990014117898	7X677	10154638			INDICATOR,TIMING,EN 6.5 LITER.....	1
8 XBFZZ		7X677			INDICATOR,TIMING,EN 6.2 LITER.....	1
9 PAFZZ 5305011646320	7X677	14003948			UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H17,H20,H21,H24,H25,H26, H27,H28,MM	
10 PAFZA 5340014728854	24617	10251255			SCREW,MACHINE.....	2
11 PAFZZ 5310000806004	96906	MS27183-14			PLUG,PROTECTIVE,DUS.....	1
12 PAFZZ 5306011653310	7X677	11502804			UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H17,H20,H21,H24,H25,H26, H27,H28,MM	
13 PAFZZ 5306011496280	7X677	1635490			WASHER,FLAT 13/32.....	4
14 PAFZZ 2815011486966	7X677	14033820			BOLT,CLOSE TOLERANC 10-1.5 X 55 MM.	4
15 PAFZZ 2930011478555	7X677	12562637			BOLT,SELF-LOCKING 10-1.5 X 30 MM...	3
15 PAFZZ 2990014116556	7X677	23500805			BAFFLE,CRANKCASE,VE.....	1
16 PAFZZ 5307011501549	7X677	14045263			PLATE ASSEMBLY,WATE 6.2 AND 6.5 LITER DETUNED.....	1
17 PAFZZ 5310011552503	7X677	11514603			UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MM	
18 PAFZZ 5330013720636	73165	91599			MOUNTING PLATE,ENGI 6.5 LITER ENGINE.....	1
					UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB	
					STUD,SHOULDERED 8-1.25 X 25 X	3
					NUT,PLAIN,HEXAGON 10-1.5 MM.....	1
					GASKET.....	2

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



* a PART OF ITEM 9
* b PART OF ITEM 22

Figure 9. Engine Oil Pan, Pump, and Filler Tube.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P (4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	0010 00 (7) QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM						
FIG. 9 ENGINE OIL PAN, PUMP, AND FILLER TUBE						
1 PAOZZ 2590011965228	19207	12339358		CAP,FILLER OPENING.....		1
2 PAOZZ 2590011474285	7X677	14071059		FILLER NECK.....		1
3 PAOZZ 5325011516117	7X677	14028942		GROMMET,NONMETALLIC.....		1
4 PAOZZ 5306012434650	7X677	11504596		BOLT,MACHINE 10-1.5 X 25 MM.....		1
5 PAFZZ 5342011604397	7X677	14022650		CLAMP.....		1
6 PAFZZ 2815014495585	7X677	7849306		DRIVE SHAFT ASSEMBL 6.2 AND 6.5 LITER.....		1
				UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN		
6 PAFZZ 2815014807632	7X677	26045801		DRIVE SHAFT ASSEMBL TURBO.....		1
7 PAFZZ 5330011565147	7X677	14022649		UOC:XAA,XBB		1
8 PAFZZ 3040011637208	7X677	14022699		GASKET PART OF KIT P/N 12514591-RB- 12532530 PART OF KIT P/N 12514590...		
9 PAFFF 2815011687871	72582	23502073		SHAFT,STRAIGHT.....		1
				PUMP AND SCREEN,OIL ALL 6.2 AND 6.5 LITER DETUNED,1996 NORMALLY ASPIRATED AND TURBO.....		1
9 PAFFF		7X677 12567769		OIL PUMP ASSEMBLY,E 6.5 LITER NORMALLY ASPIRATED AND TURBO 1997 AND ABOVE.....		1
				UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB		
10 PAFZZ 5330011547159	7X677	477249		.RETAINER,PACKING.....		1
11 PAFZZ 2910011898851	7X677	23500008		.STRAINER ELEMENT,SE USE WITH P/N 23502073.....		1
11 PAFZZ 4730014939338	7X677	12559800		.STRAINER ELEMENT,SE USE WITH P/N 12567769.....		1
				UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB		
12 PAFZZ 5306011655582	7X677	11508600		.BOLT,MACHINE 6-1.0 X 20 MM.....		4
13 PAFZZ 5315008285487	73957	3-32X3-4LG		.PIN,GROOVED,HEADLES.....		1
14 PAFZZ 5340011945294	7X677	3704871		.DISK,SOLID,PLAIN.....		1
15 PAFZZ 2805003361716	7X677	3702366		.VALVE,RELIEF,PRESSU.....		1
16 PAFZZ 5360011651563	7X677	360582		.SPRING,HELICAL,COMP.....		1
17 PAFZZ 5307011870519	7X677	23500006		STUD,SHOULDERED AND 11-1.5 X 66 MM.		1
18 PAFZZ 5340013849987	34623	5741613		CLAMP,LOOP USE WITH P/N 23502073...		1
18 PAFZZ 5340014932569	7X677	12559801		BRACKET USE WITH P/N 12567769.....		1
				UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB		
19 PAFZZ 5306012537073	7X677	11508353		BOLT,MACHINE 8-1.25 X 30 MM.....		1
20 PAFZZ 5310012507679	72582	23521131		UOC:AVY,BVY,B15,B20,B24,B25,C17,NNN		
21 PAOZZ 5306012303354	7X677	11508534		NUT 11-1.5 MM.....		1
22 PAOFF 2815011687912	34623	5588022		BOLT,MACHINE 8-1.25 X 16MM.....		2
				OIL PAN 6.2 LITER.....		1
				UOC:AVY,A11,A13,A14,A15,A20,A24,A25,		

TM9-2815-237-34P				(6)	0010 00	(7)
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
22	PAOFF	2815014302599	7X677	12551755	A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
23	PAOZZ	5365013781755	72582	29505789	OIL PAN 6.5 LITER.....	1
24	PAOZZ	5330013553686	81343	MS35769-9	.PLUG, MACHINE THREAD.....	1
25	PAOZZ	5305011509781	7X677	8639743	.GASKET.....	1
26	PAOZZ	5307011505992	7X677	14066307	SCREW,CAP,HEXAGON H 6-1.0 X 16MM...	20
26	PAOZZ	5307011964717	34623	5591286	STUD,SHOULDERED 6.5 LITER.....	2
					STUD,SPECIAL 6-1.0 X 37.4MM,6.2 LITER.....	
27	PAOZZ	5330013106780	73165	OS34400	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					GASKET SET 6.2 LITER.....	1
28	PAOZZ	5330011507744	7X677	14022683	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					.SEAL,NONMETALLIC SP 6.2 LITER....	1
29	XAOZZ		73165	91598	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					.GASKET 6.2 LITER.....	1
30	PAOZZ	5310011653331	24617	11500749	NUT,PLAIN,HEXAGON 8-1.25 MM.....	2
31	PAOZZ	5310008093078	96906	MS27183-11	WASHER,FLAT 1/4.....	2
32	PAOZZ	5330013788572	7X677	23502587	RETAINER,OIL SEAL 6.5 LITER.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

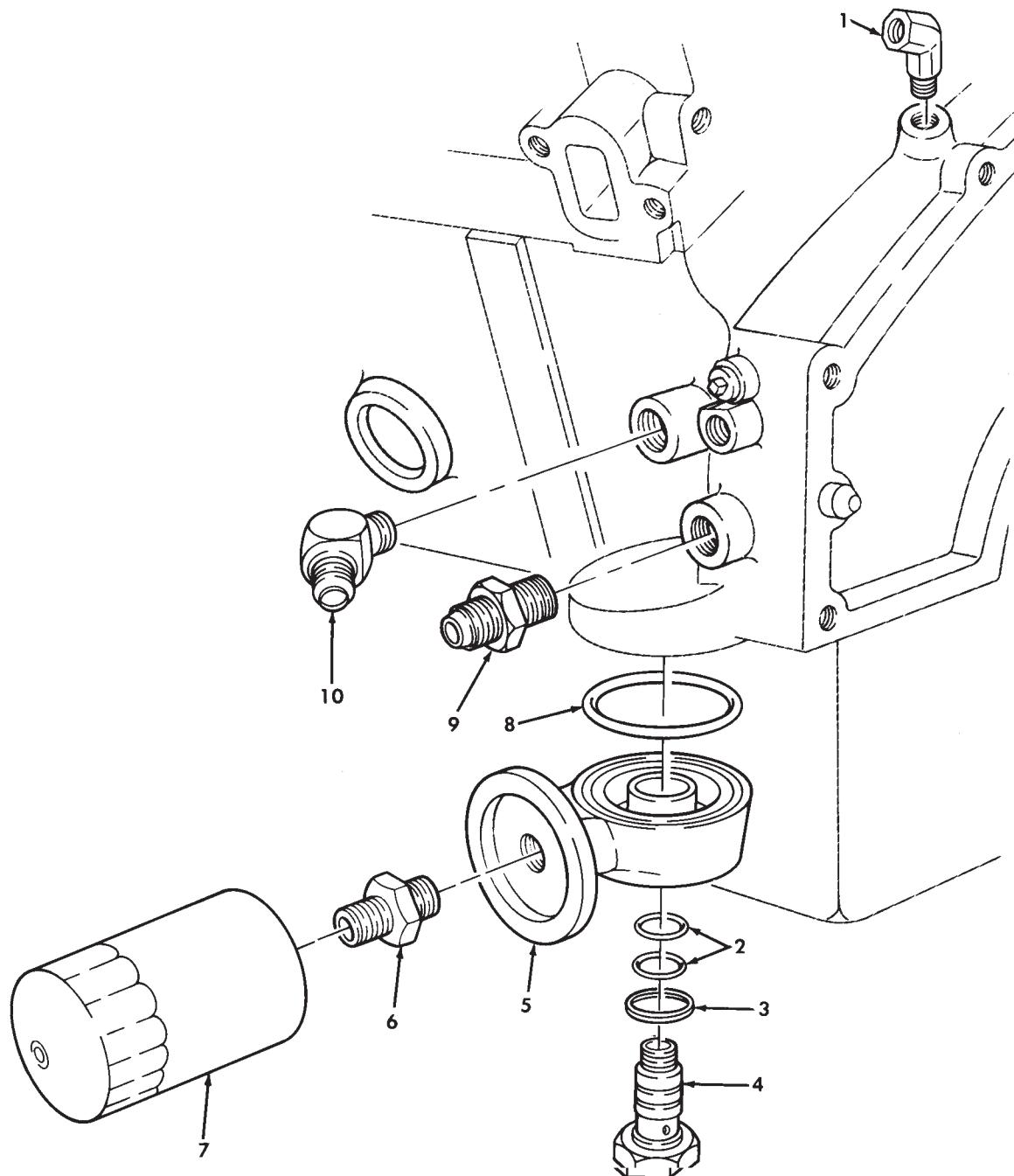


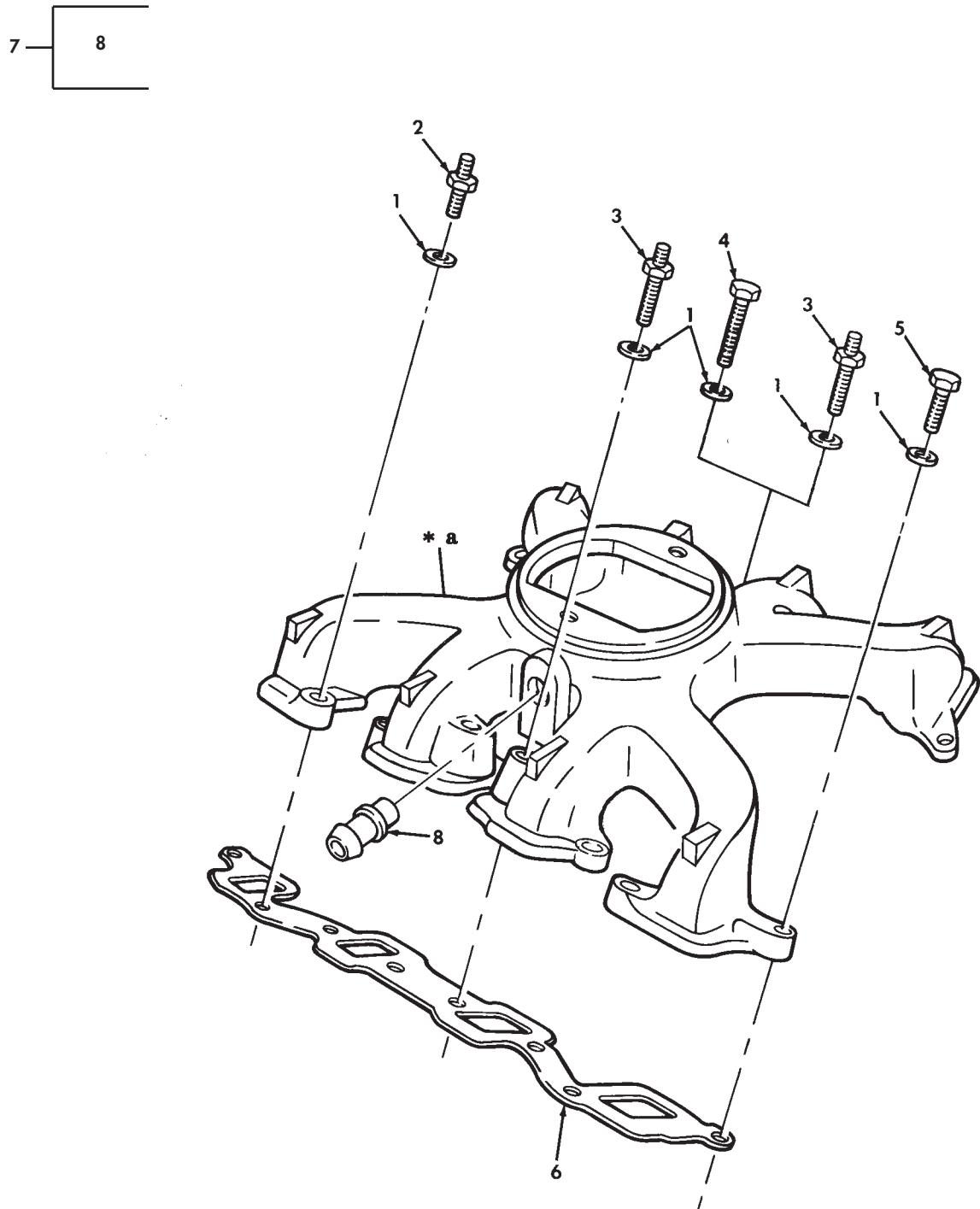
Figure 10. Oil Filter, Adapter, and Oil Line Fittings.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P		(6)	0011 00 (7)
			(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM						
FIG. 10 OIL FILTER, ADAPTER, AND OIL LINE FITTINGS						
1 PAOZZ 4730009115707 21450 454097				ELBOW,PIPE.....		1
2 PAOZZ 5331011074950 81349 M83461/1-020				O-RING.....		2
3 PAOZZ 5330011846500 19207 5577933				GASKET.....		1
4 PAOZZ 4730011876929 19207 12339410				BOLT,FLUID PASSAGE.....		1
5 PFOZZ 4730011687872 19207 12338780				BRACKET,FILTER MOUN.....		1
6 PAOZZ 4730011500879 7X677 14022700				REDUCER,BOSS.....		1
7 PAOZZ 4330013988484 70040 PF1218				FILTER ELEMENT,FLUI.....		1
8 PAOZZ 5331011830971 81349 M83461/1-236				O-RING.....		1
9 PAOZZ 4730004448489 81343 10-8070102BA				ADAPTER,STRAIGHT,PI 6.5,1996 AND ABOVE.....		1
9 PAOZZ 4730010661278 96906 MS51500A10-6				ADAPTER,STRAIGHT 6.2 AND 6.5 1995 ONLY.....		1
10 PAOZZ 4730012064810 81343 10-8070302C				UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN		
10 PAOZZ 4730007282393 01276 2023-6-10S				ELBOW,PIPE TO TUBE 6.5 1996 AND ABOVE.....		1
				ELBOW,PIPE TO TUBE 6.2 AND 6.5 1995 ONLY.....		
				UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN		

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



*** a PART OF ITEM 7**

Figure 11. Air Intake Manifold (6.2L and 6.5L Naturally Aspirated and 6.5L Detuned).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0108 MANIFOLDS						
FIG. 11 AIR INTAKE MANIFOLD (6.2L AND 6.5L NATURALLY ASPIRATED AND 6.5L DETUNED)						
1	PAFZZ	5310008094061	96906	MS27183-15	WASHER,FLAT 7/16..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	16
2	PAFZZ	5307011501227	7X677	14033946	STUD,SHOULDERED 10-1.5 X 20 X 30 MM UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	7
3	PAFZZ	5307011505991	7X677	23500832	STUD,SHOULDERED 10-1.5 X 17 X 56 MM UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	5
3	PAFZZ	5307011505991	7X677	23500832	STUD,SHOULDERED 6.5..... UOC:BVY,B15,B20,B24,B25,C17,NNN	4
4	PAFZZ	5305011485915	7X677	15728526	SCREW,CAP,HEXAGON H 6.5..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
5	PAFZZ	5306011496280	7X677	1635490	BOLT,SELF-LOCKING 10-1.5 X 30 MM... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	4
6	KFFZZ		7X677	12555733	GASKET PART OF KIT P/N 12531704.... PART OF KIT P/N 12456409 PART OF KIT P/N 12521443 PART OF KIT P/N 12531705..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	2
7	PAFZZ	2815011687909	7X677	23500035	MANIFOLD,INTAKE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1
8	PAOZZ	4730011647028	7X677	14050444	.ADAPTER,STRAIGHT,TU..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

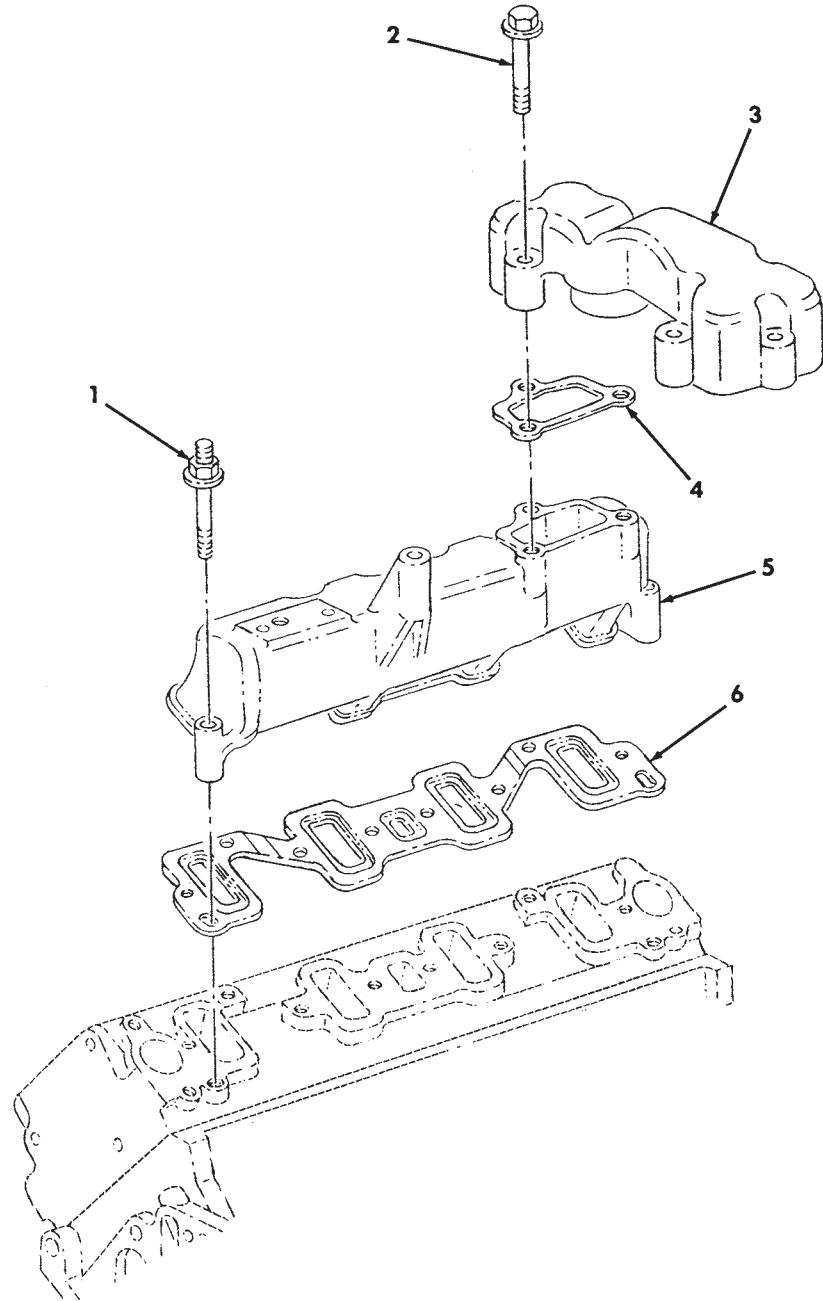


Figure 12. Air Intake Manifolds (6.5L Turbo).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0108 MANIFOLDS ENGINE						
FIG. 12 AIR INTAKE MANIFOLDS (6.5L TURBO)						
1	PAFZZ	5307014382319	7X677	12553066	STUD,SHOULDERED.....	16
2	PAFZZ	5306014382322	7X677	12554344	UOC:XAA,XBB	
3	PAFZZ	2815014398163	34623	RCSK17829	BOLT,MACHINE.....	6
4	PAFZZ	5330014370547	7X677	10211661	UOC:XAA,XBB	
5	PAFZZ	2815014371015	7X677	10236744	MANIFOLD,INTAKE.....	1
5	PAFZZ	2815014371014	7X677	10236743	UOC:XAA,XBB	
6	KFFZZ			7X677 12555733	GASKET.....	1
					UOC:XAA,XBB	
					MANIFOLD,INTAKE R.H.....	1
					UOC:XAA,XBB	
					MANIFOLD,INTAKE L.H.....	1
					GASKET PART OF KIT P/N 12531704	
					PART OF KIT P/N 12456409.....	2
					UOC:XAA,XBB	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

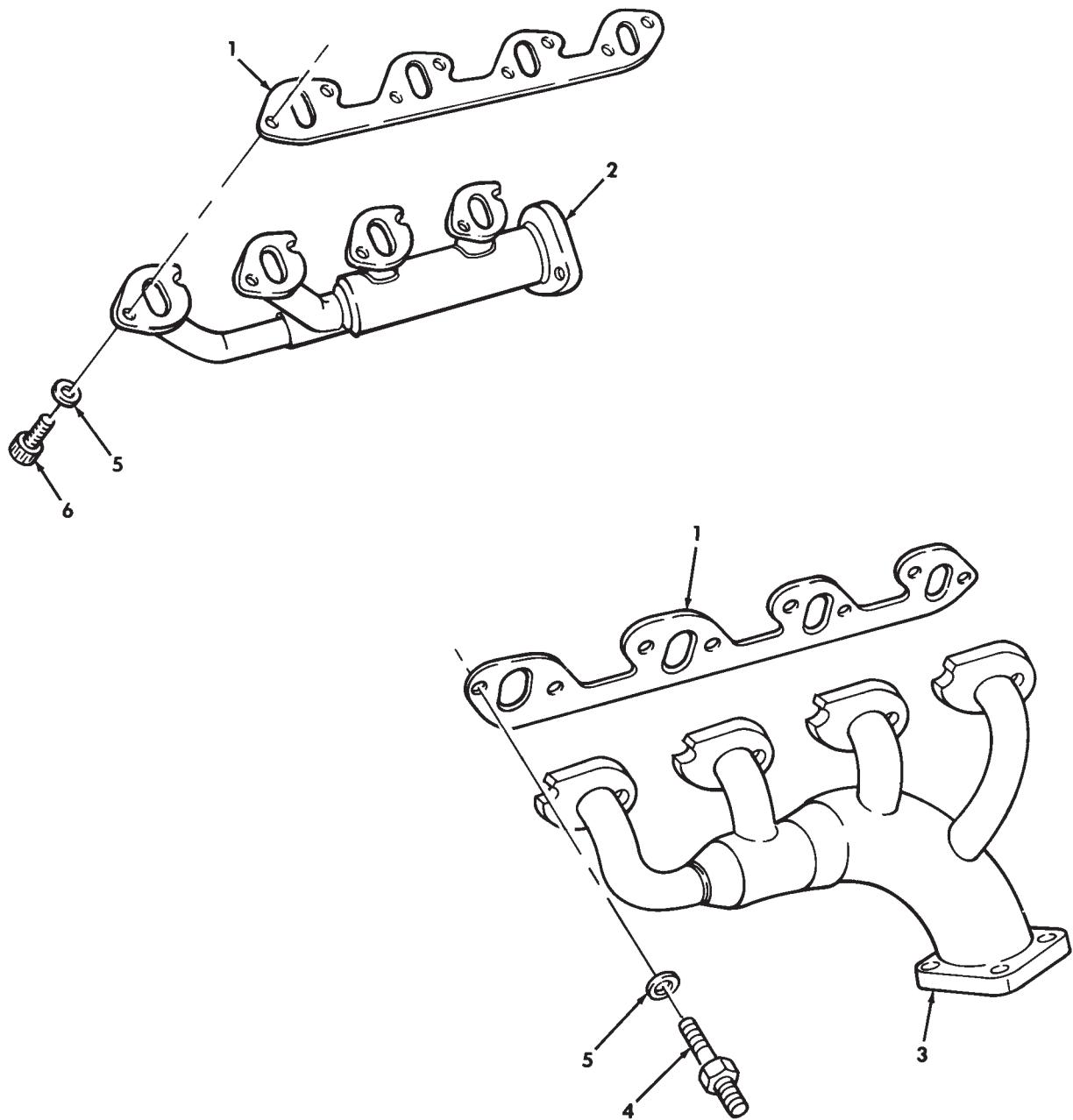


Figure 13. Exhaust Manifolds (6.2L and 6.5L Naturally Aspirated and 6.5L Detuned).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0108 MANIFOLDS						
FIG. 13 EXHAUST MANIFOLDS (6.2L AND 6.5L NATURALLY ASPIRATED AND 6.5L DETUNED)						
1	PAOZZ	5330011940472	34623	5574856	GASKET.....	2
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
2	PAOZZ	2815011687917	19207	12338788	MANIFOLD,EXHAUST R.H.....	1
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
3	PAOZZ	2815011687918	19207	12338787	MANIFOLD,EXHAUST L.H.....	1
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
4	PAOZZ	5307013153597	19207	12339406-3	STUD,SHOULDERED L.H.,M10 X 1.5 X 30.0.....	1
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H48,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
5	PAOZZ	5310000806004	34623	5593213	WASHER,FLAT 11MM.....	16
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
6	PAOZZ	5305011955818	19207	12339239-1	SCREW,CAP,SOCKET HE 10-1.5 X 25 MM.	15
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

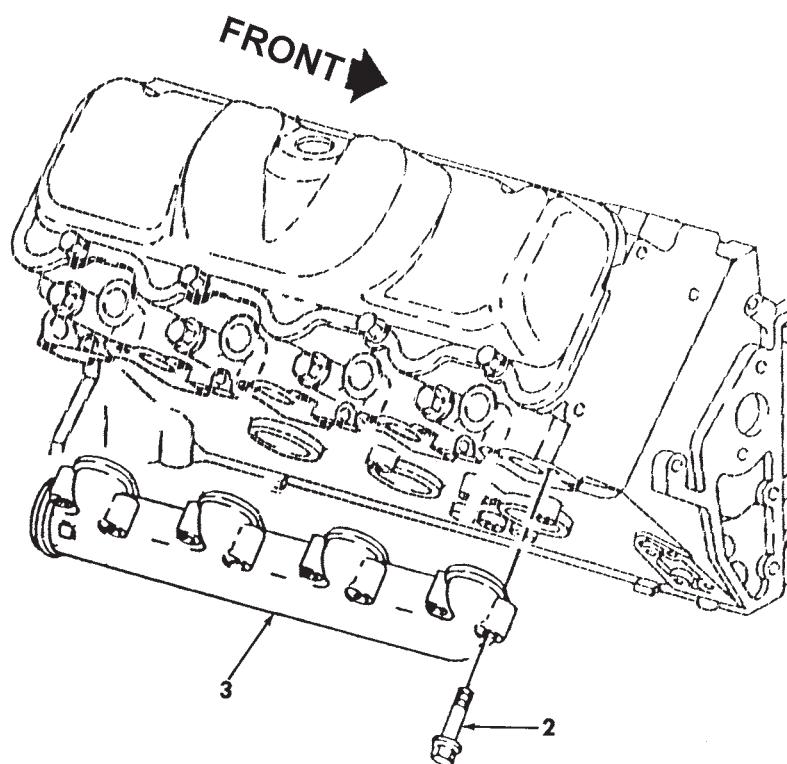
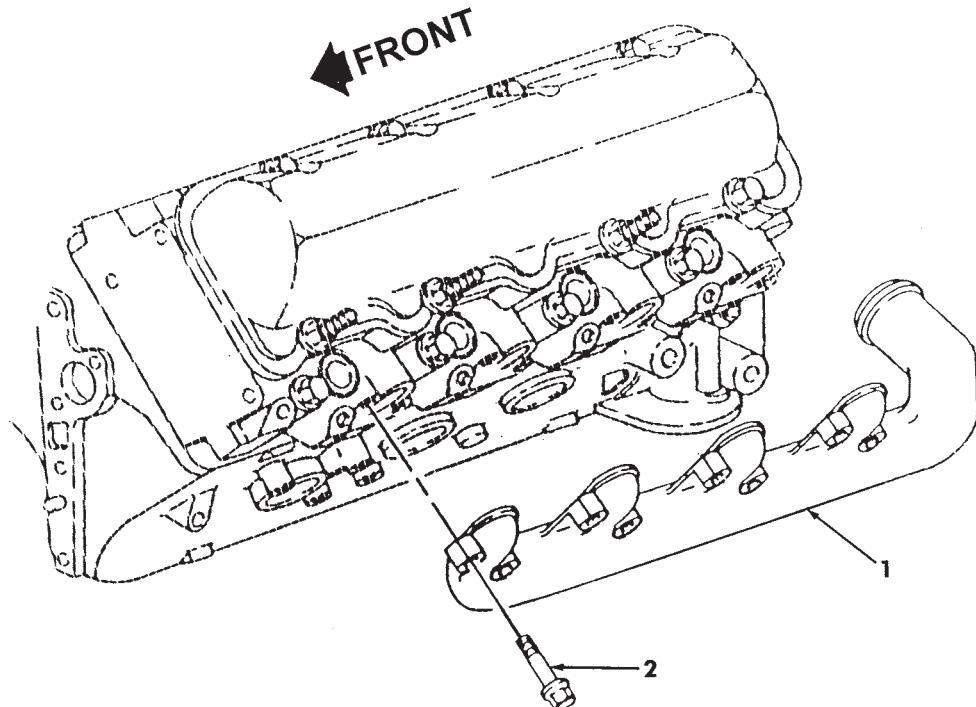


Figure 14. Exhaust Manifolds (6.5L Turbo).

TM9-2815-237-34P

0015 00

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0108 MANIFOLDS						
FIG. 14 EXHAUST MANIFOLDS (6.5L TURBO)						
1	PAOZZ	2815014371021	7X677	10238374	MANIFOLD,EXHAUST L.H.....	1
2	PAOZZ	5306011496278	7X677	14028922	UOC:XAA,XBB BOLT,MACHINE M10-1.5 X 65.....	16
3	PAOZZ	2815014371027	7X677	10238373	UOC:XAA,XBB MANIFOLD,EXHAUST R.H.....	1
UOC:XAA,XBB						

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

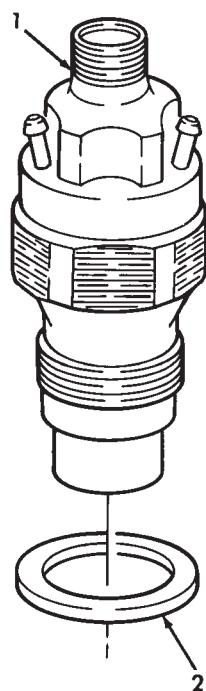


Figure 15. Fuel Injector Nozzle and Gasket.

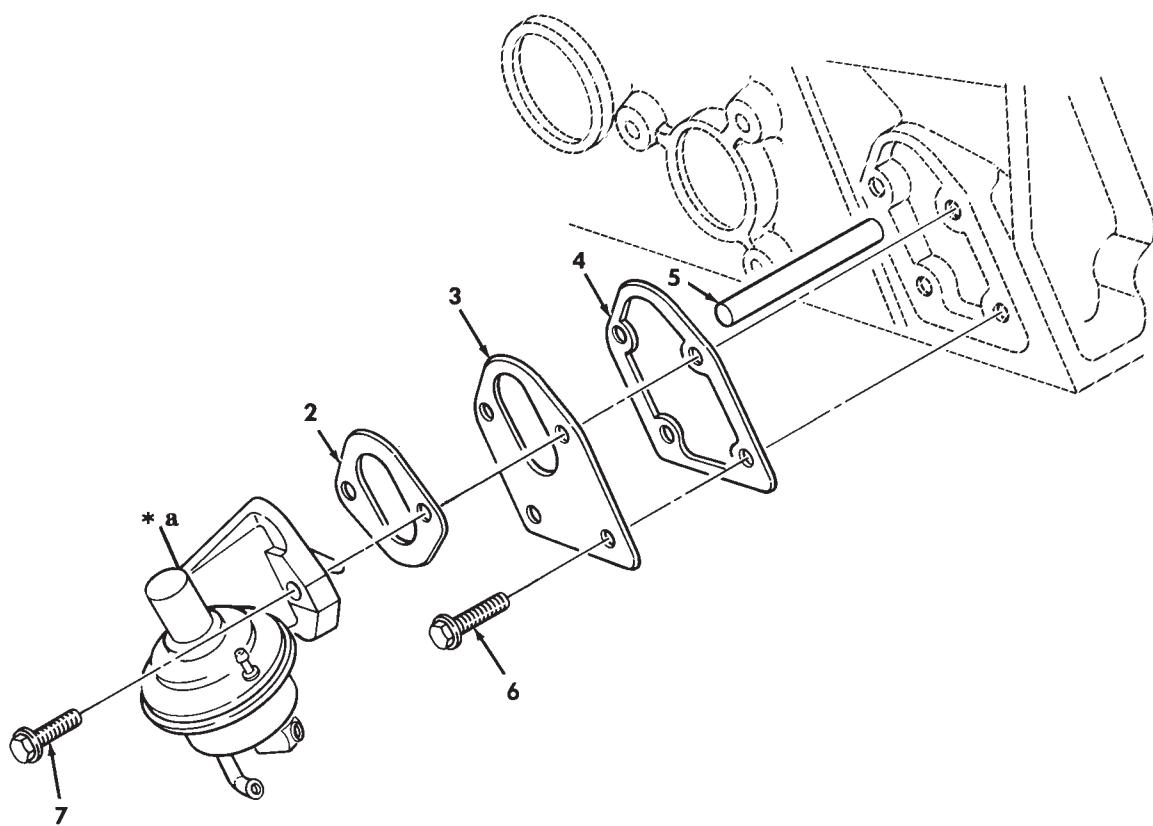
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 03 FUEL SYSTEM 0301 FUEL INJECTOR	
1 PAFZZ 2910011500950	7X677	14059057			FIG. 15 FUEL INJECTOR NOZZLE AND GASKET	
1 PAFZZ 2910012804283	7X677	14063606			NOZZLE,FUEL INJECTI 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	8
1 PAFZZ 2910013793752	34623	5743795			NOZZLE,FUEL INJECTI 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.. UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	8
1 PAFZZ 2910013991848	7X677	10233973			INJECTOR ASSEMBLY,F 6.5 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	8
2 PAFZZ 5330011501215	7X677	14025557			INJECTOR ASSEMBLY,F 6.5 LITER, TURBO..... UOC:XAA,XBB	8
					GASKET PART OF KIT P/N 12456409 PART OF KIT P/N 12521443 PART OF KIT P/N 12531705.....	8

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

1-2



* a PART OF ITEM 1

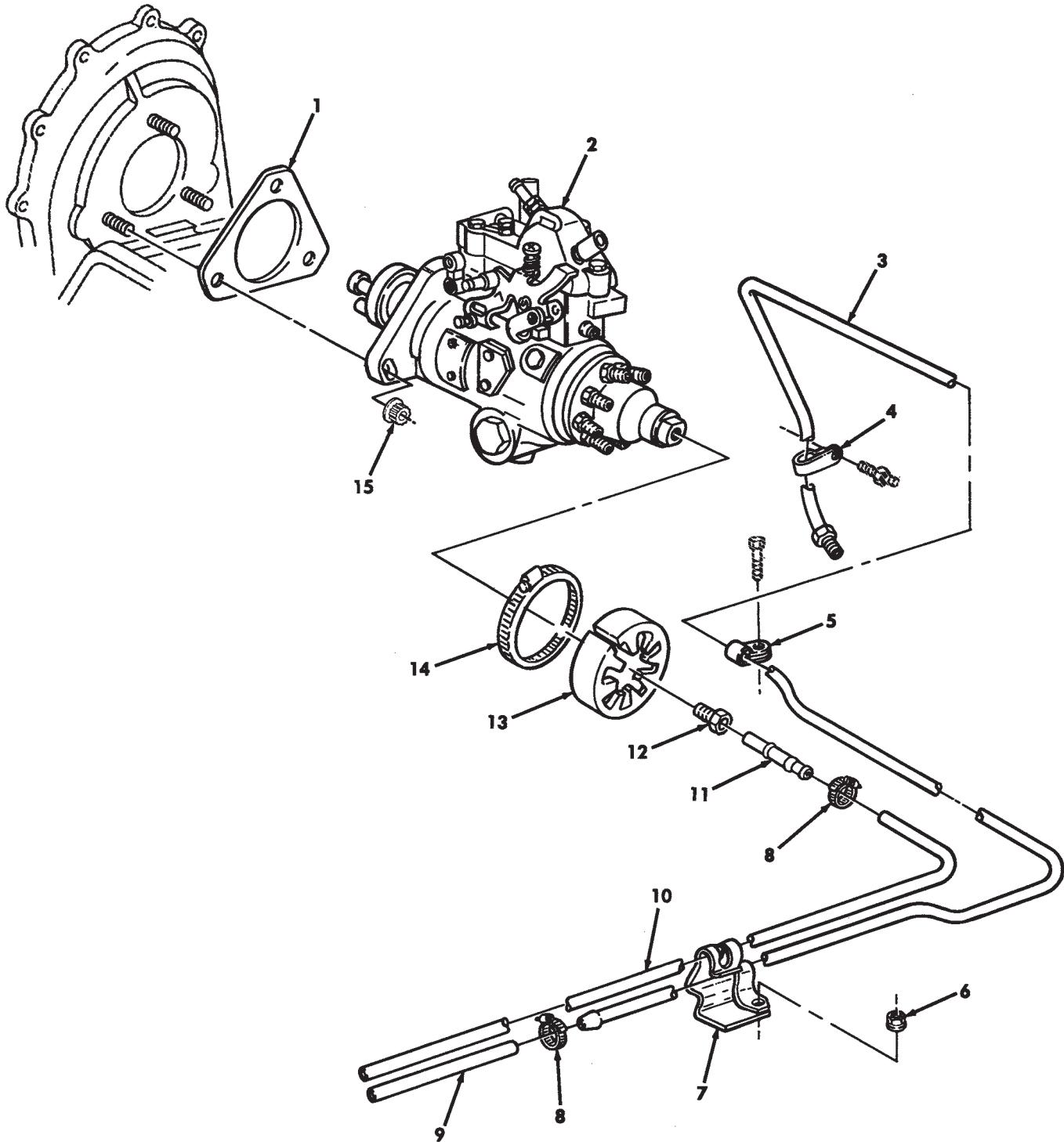
Figure 16. Fuel Pump and Mounting Hardware.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0302 FUEL PUMP						
FIG. 16 FUEL PUMP AND MOUNTING HARDWARE						
1	PAOZZ	2910011687905	70040	6472357	PUMP,FUEL,CAM ACTUA.....	1
2	PAOZZ	5330011121533	7X677	10114141	.GASKET PART OF KIT P/N 12514590	1
3	PAOZZ	2910004932138	7X677	3719599	PART OF KIT P/N 12514591-RB-12532530	
4	PAOZA	5330014728179	7X677	12560223	PLATE,FUEL PUMP.....	1
5	PAOZZ	5315011514180	7X677	14050425	GASKET PART OF KIT P/N 12514590	1
6	PAOZZ	5306011514925	7X677	11509669	PART OF KIT P/N 12514591-RB-12532530	
7	PAOZZ	5306014974738	34623	5740269	PIN,STRAIGHT,HEADLE.....	1
					BOLT,ASSEMBLED WASH 6-1.0 X 13 MM..	2
					BOLT,ASSEMBLED WASH 3/8-16 X 1.44 MM.....	2

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**



FOR THROTTLE SOLENOID SEE FIGURE 31

*Figure 17. Fuel Injection Pump and Fuel Filter Lines
(6.2L and 6.5L Naturally Aspirated and 6.5L Detuned).*

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0302 FUEL PUMP						
FIG. 17 FUEL INJECTION PUMP AND FUEL FILTER LINES (6.2L AND 6.5L NATURALLY ASPIRATED AND 6.5L DETUNED)						
1	PAFZZ	5330011505944	7X677	10137486	GASKET PART OF KIT P/N 12514590 PART OF KIT P/N 12514591-RB-12532530..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	1
2	PAFHH	2910011992355	84760	DB2829-4523	PUMP,FUEL,METERING 6.2 LITER, USE PRIOR TO 1990 ENGINE..... UOC:H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
2	PAFHH	2910013269221	84760	DB2829-4879	PUMP,FUEL,METERING 6.2 LITER, USE WITH 1990 AND ABOVE ENGINE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
2	PAFHH	2910014679029	84760	DB2831-5209	PUMP,FUEL,METERING 6.5 LITER DETUNED..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
2	PAFHH	2910014141272	84760	DB2831-5149	PUMP,FUEL,METERING 6.5 LITER NATURALLY ASPIRATED..... UOC:BVY,B15,B20,B24,B25,C17,NNN	1
3	PAOZZ	4710011856179	34623	5741611	TUBE ASSEMBLY, METAL..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	1
4	PAOZZ	5340011488349	7X677	14033896	CLIP, SPRING TENSION..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	1
5	PAOZZ	5340011487528	7X677	22511422	CLAMP, LOOP..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	1
6	PAOZZ	5310012507679	72582	23521131	NUT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,	1

			TM9-2815-237-34P				0018 00
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)		(7)
DESCRIPTION AND USABLE ON CODES(UOC) QTY							
7	PAOZZ	5340011677794	7X677	14063340	B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN		
8	PAOZZ	4730008716729	19207	12273192	CLAMP,LOOP..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1	
9	MOOZZ		34623	5740702	CLAMP,HOSE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	2	
10	MOOZZ		72825	23500024	HOSE,NONMETALLIC MAKE FROM HOSE,P/ N 9438373,10 INCHES LONG..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1	
11	PAFZZ	4710011610138	7X677	12548430	HOSE,NONMETALLIC MAKE FROM HOSE,P/N 9438257,22 INCHES LONG..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1	
12	PAFZZ	4730000142432	24617	137397	TUBE,METALLIC..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1	
13	PAOZZ	5342012501098	19207	12339491-1	INVERTED NUT,TUBE C..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1	
14	PAOZZ	4730009086292	96906	MS35842-14	BOOT..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1	
CLAMP,HOSE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN							1

			TM9-2815-237-34P		(6)	0018 00
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
15	PAOZZ	5310014624459	7X677	12550863	NUT,PLAIN,HEXAGON..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	3

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

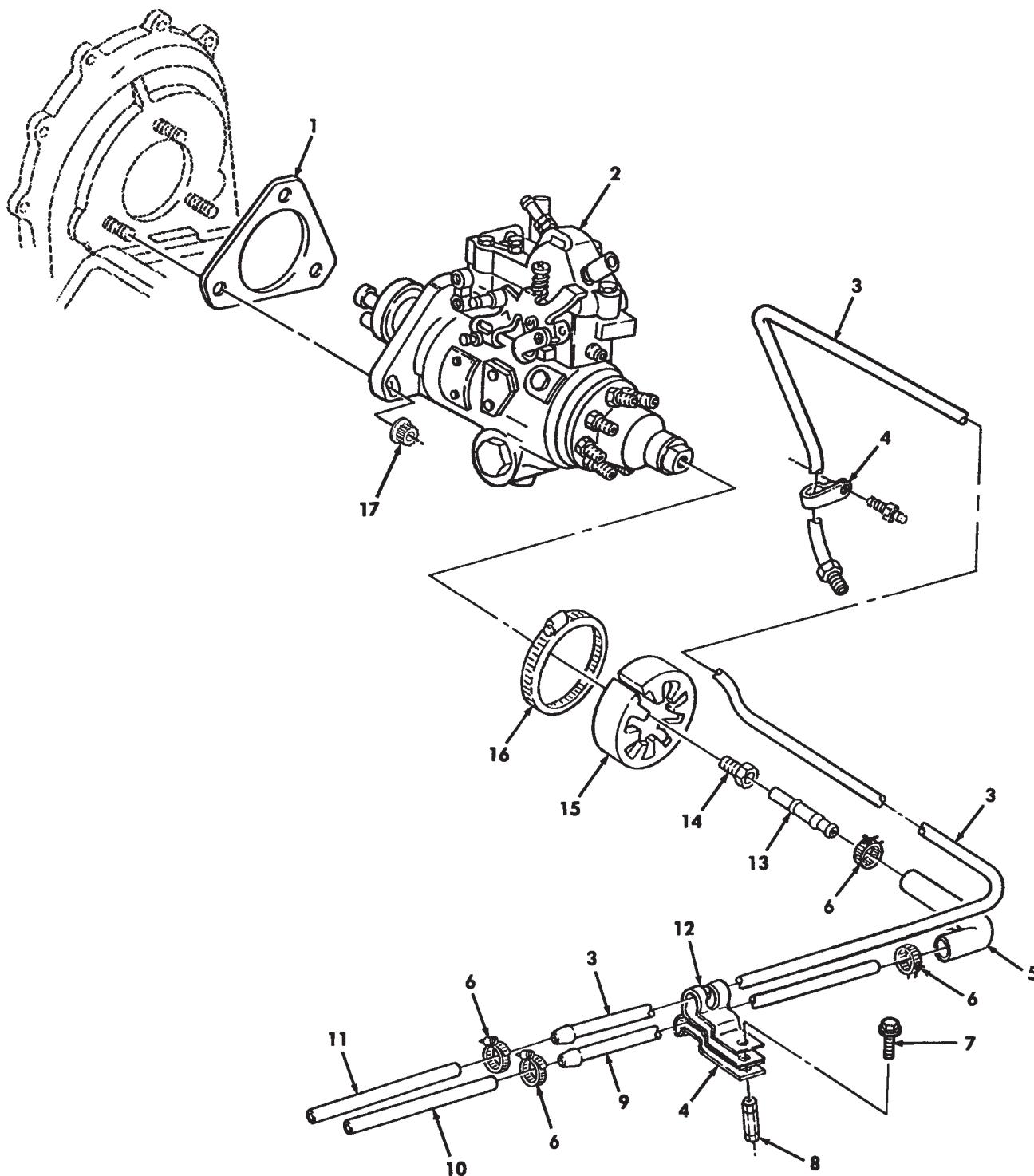


Figure 18. Fuel Injection Pump and Fuel Filter Lines (6.5L Turbo).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 0302 FUEL PUMP	
					FIG. 18 FUEL INJECTION PUMP AND FUEL FILTER LINES (6.5L TURBO)	
1	PAFZZ	5330011505944	7X677	10137486	GASKET PART OF KIT P/N 12514590	1
					PART OF KIT P/N 12514591-RB-12532530	
					UOC:XAA,XBB	
2	PAFHH	2910014348597	84760	DB2831-5079	PUMP,FUEL,METERING 1996 THRU 1998..	1
2	PAFHH	2910014679085	84760	DB2831-5485	UOC:XAA,XBB	
3	PAOZZ	4710011856179	34623	5741611	PUMP,FUEL,METERING 1999 AND ABOVE..	1
4	PAOZA	5340014623446	7X677	14032383	UOC:XAA,XBB	
5	MOOZZ		7X677	12554629	TUBE ASSEMBLY,METAL.....	1
6	PAOZZ	4730008716729	19207	12273192	CLAMP,LOOP.....	2
7	PAOZZ	5305013976850	24617	11502685	UOC:XAA,XBB	
8	PAOZZ	5310014618011	7X677	12554517	HOSE,NONMETALLIC MAKE FROM HOSE P/N	1
9	PAFZZ	4710014609630	7X677	12554094	9438257,4 INCHES LONG.....	
10	MOOZZ		34623	5740702	CLAMP,HOSE.....	4
11	MOOZZ		72825	23500024	UOC:XAA,XBB	
12	PAOZZ	5342011301141	72582	8922216	SCREW,CAP,HEXAGON H #10-1.5 X 20.0	1
13	PAFZZ	4710011610138	7X677	12548430	MM.....	
14	PAFZZ	4730000142432	24617	137397	UOC:XAA,XBB	
15	PAOZZ	5342012501098	19207	12339491-1	TUBE, MATTALIC.....	1
16	PAOZZ	4730009086292	96906	MS35842-14	UOC:XAA,XBB	
17	PAFZZ	5310014624459	7X677	12550863	INVERTED NUT,TUBE C.....	1
					UOC:XAA,XBB	
					BOOT.....	1
					XAA,XBB	
					CLAMP,HOSE.....	1
					UOC:XAA,XBB	
					NUT,PLAIN,HEXAGON 10-1.5MM.....	3
					UOC:XAA,XBB	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

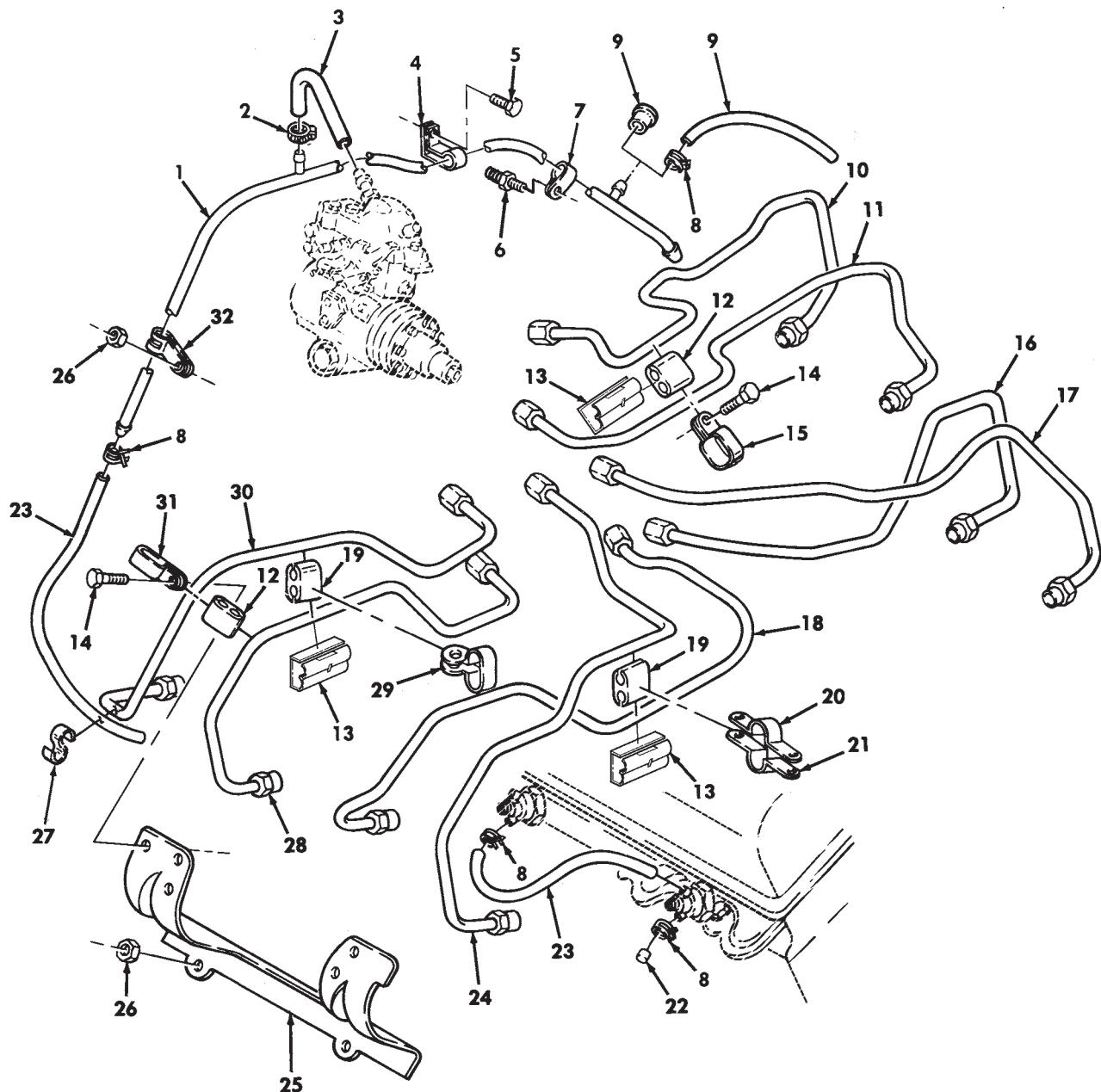


Figure 19. Fuel Injection Supply and Return Lines.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0302 FUEL PUMP						
FIG. 19 FUEL INJECTION SUPPLY AND RETURN LINES						
1	PAOZZ	4710014469570	7X677	12554835	TUBE,BENT,METALLIC 6.5 LITER.....	1
1	PAOZZ	4710011482659	7X677	14061569	TUBE,BENT,METALLIC 6.2 LITER.....	1
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
2	PAOZZ	4730011633544	7X677	15620999	CLAMP,HOSE.....	2
3	MOOZZ			11862 9439363	HOSE,NONMETALLIC MAKE FROM HOSE,P/N 4219-3681, 7 INCHES LONG.....	1
4	PAOZZ	5340011519957	7X677	14033895	CLAMP,LOOP.....	1
5	PAOZZ	5306011483667	7X677	11504512	BOLT,MACHINE 10-1.5 X 16 MM.....	1
6	PAOZZ	5307011509538		15946 22515630	STUD,SHOULDERED.....	1
7	PAOZZ	5340008815303		96906 MS21333-45	CLAMP,LOOP.....	1
8	PAOZZ	4730001506118		19207 11663000	CLAMP,HOSE.....	18
9	MOOZZ			7X677 14066305-AR	HOSE,NONMETALLIC MAKE FROM HOSE P/N 9439046,CUT LENGTH TO FIT.....	1
					UOC:AVY,A11,A13,A14,A20,A24,A25,A26, A27,B15,B17,B18,HVY,H11,H13,H14,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN,XAA,XBB	
9	PAOZZ	5340014765585		19207 12338577	PLUG,PROTECTIVE,DUS.....	1
10	PAFZZ	4710011489580		7X677 14033912	UOC:A15,B16,H15,H16	
					TUBE ASSEMBLY,METAL 6.2 LITER,#2	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
10	PAFZZ	4710013144483		7X677 10149552	TUBE ASSEMBLY,METAL 6.2 LITER,#2	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
10	PAFZZ	4710014128611		7X677 14098632	TUBE ASSEMBLY,METAL 6.5 LITER,#2	1
					CYLINDER.....	
11	PAFZZ	4710011495076		7X677 14033914	TUBE ASSEMBLY,METAL 6.2 LITER,#4	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
11	PAFZZ	4710013160222		7X677 10149554	TUBE ASSEMBLY,METAL 6.2 LITER,#4	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	

TM9-2815-237-34P					0020 00	
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)
					DESCRIPTION AND USABLE ON CODES(UOC) QTY	
11	PAFZZ	4710014121669	7X677	14098634	TUBE ASSEMBLY,METAL CYLINDER.....	1
12	PAOZZ	5325011604618	7X677	23503124	GROMMET,NONMETALLIC 6.2 AND 6.5 LITER N/A,UP TO 1995,INNER AND OUTER. UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	8
12	PAOZZ	5325011604618	7X677	23503124	GROMMET,NONMETALLIC 6.5 LITER,1996 AND ABOVE,OUTER.....	4
13	PAOZZ		7X677	12554808	GROMMET,NONMETALLIC 6.5 LITER,1996 AND ABOVE,INNER AND CENTER.....	8
14	PAOZZ	5305011501521	7X677	11503617	SCREW,TAPPING 6.2 AND 6.5 LITER N/A UP TO 1995..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	8
14	PAOZZ	5305011501521	7X677	11503617	SCREW,TAPPING 6.5 LITER,1996 AND ABOVE.....	4
15	PAOZZ	5340011506026	7X677	14033955	CLAMP,LOOP 6.2 AND 6.5 LITER N/A UP TO 1995..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,BVY,B15,B16,B17,B18,B20,B24,B25,C17,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM,NNN	4
16	PAFZZ	4710011500971	7X677	14033916	TUBE ASSEMBLY,METAL 6.2 LITER,#6 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
16	PAFZZ	4710013144485	7X677	10149556	TUBE ASSEMBLY,METAL 6.2 LITER,#6 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
16	PAFZZ	4710014118489	7X677	14098636	TUBE ASSEMBLY,METAL 6.5 LITER,#6 CYLINDER.....	1
17	PAFZZ	4710011489582	7X677	14033918	TUBE ASSEMBLY,METAL 6.2 LITER,#8 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
17	PAFZZ	4710013144484	7X677	10149558	TUBE ASSEMBLY,METAL 6.2 LITER,#8 CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,	1

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
17	PAFZZ	4710014118492	34623	14098638	TUBE ASSEMBLY,METAL 6.5 LITER,#8	1
18	PAFZZ	4710011531636	7X677	14033915	CYLINDER.....	
					TUBE ASSEMBLY,METAL 6.2 LITER,#5	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
18	PAFZZ	4710013144487	7X677	10149555	TUBE ASSEMBLY,METAL 6.2 LITER,#5	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
18	PAFZZ	4710014118488	7X677	14098635	TUBE ASSEMBLY,METAL 6.5 LITER,#5	1
19	PAOZZ		7X677	23503111	CYLINDER.....	
					GROMMET,NONMETALLIC 6.2 AND 6.5	4
					LITER N/A,UP TO 1995,CENTER.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
20	PAOZZ	5340011504106	7X677	14033921	STRAP,RETAINING.....	3
21	PAOZZ	5340011506275	7X677	14033922	STRAP,RETAINING.....	3
22	PAOZZ	5342011661534	7X677	14066301	CAP.....	2
23	MOOZZ		7X677	10183996	HOSE,NONMETALLIC 6.2 LITER,USE PRIOR TO 1990 ENGINE, MAKE FROM HOSE P/N 9439046,LENGTH TO FIT.....	8
24	PAFZZ	4710011495077	7X677	14033917	TUBE ASSEMBLY,METAL 6.2 LITER,#7	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
24	PAFZZ	4710013144486	7X677	10149557	TUBE ASSEMBLY,METAL 6.2 LITER,#7	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
24	PAFZZ	4710014121667	7X677	14098637	TUBE ASSEMBLY,METAL 6.5 LITER,#7	1
25	PFOZZ	5340011596626	7X677	14033824	CYLINDER.....	
					BRACKET,DOUBLE ANGL L.H. AND R.H., 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	2
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
25	PFOZZ	5340011596626	7X677	14033824	BRACKET,DOUBLE ANGL R.H.,6.2 LITER, USE WITH 1990 ENGINE AND ABOVE AND PUMP ASSEMBLY DB2829-4879 OR 6.5	1

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					LITER.....	
25	PFOZA	5340014409678	34623	05742118	BRACKET,MOUNTING L.H.,6.2 LITER, USE WITH 1990 ENGINE AND ABOVE,PUMP ASSEMBLY P/N DB2829-4879 OR 6.5	1
26	PAOZZ	5310011653331	24617	11500749	LITER.....	
27	PAOZZ	5340011870892	19207	12339890	NUT,PLAIN,HEXAGON #8-1.25MM.....	5
28	PAFZZ	4710011489581	7X677	14033913	CLIP,SPRING TENSION.....	1
					TUBE ASSEMBLY,METAL 6.2 LITER,#3	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
					TUBE ASSEMBLY,METAL 6.2 LITER,#3	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					TUBE ASSEMBLY,METAL 6.5 LITER,#3	1
					CYLINDER.....	
					CLAMP,LOOP L.H.....	1
					TUBE ASSEMBLY,METAL 6.2 LITER,#1	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
					TUBE ASSEMBLY,METAL 6.2 LITER,#1	1
					CYLINDER,USE WITH PUMP ASSEMBLY P/N DB2829-4879.....	
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					TUBE ASSEMBLY,METAL 6.5 LITER,#1	1
					CYLINDER.....	
					CLAMP,LOOP 6.2 AND 6.5 LITER,UP TO 1995,OUTER.....	4
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	
					CLAMP,LOOP 6.5 LITER,1996 AND ABOVE OUTER.....	4
					CLAMP,LOOP.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

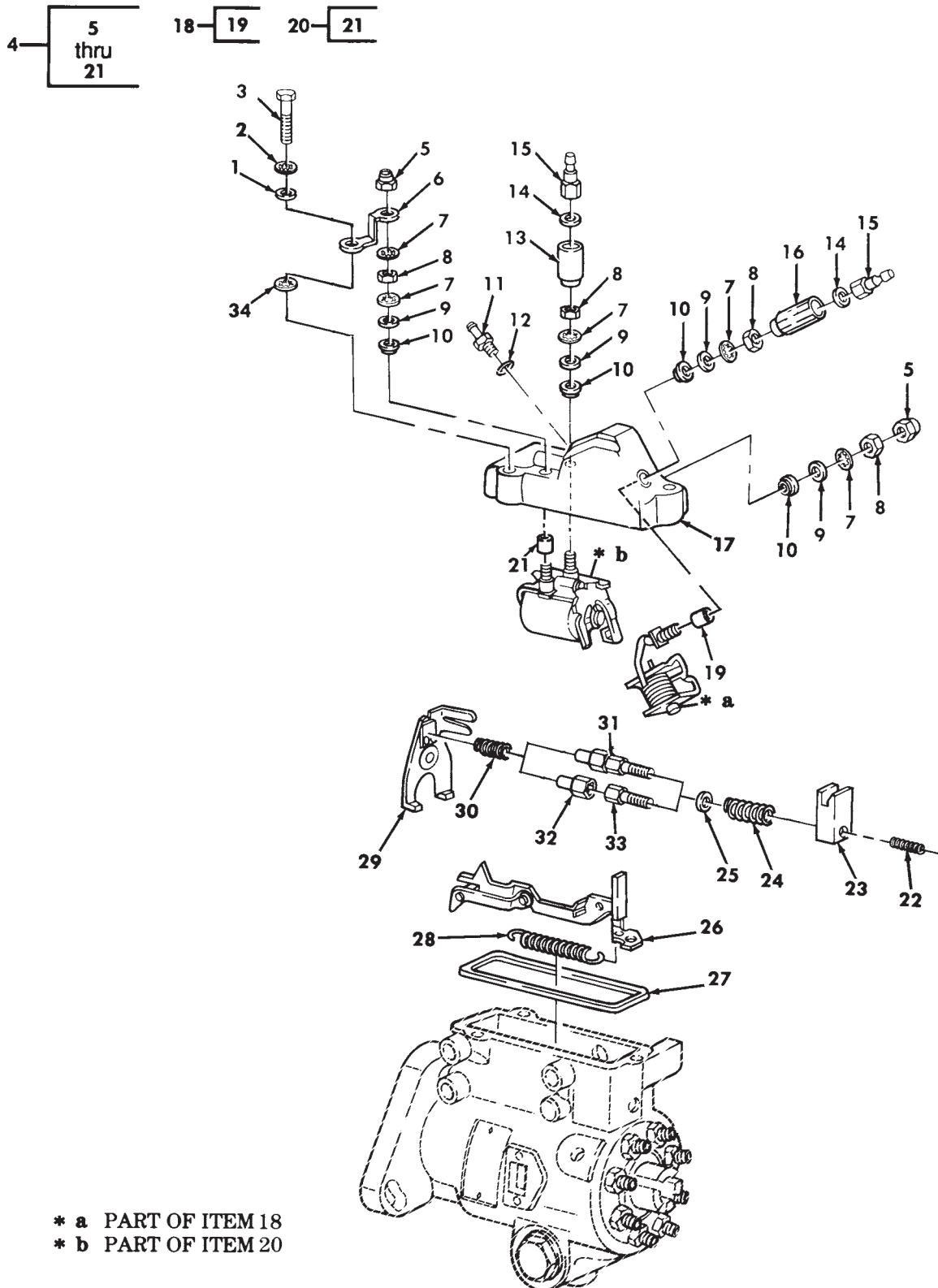


Figure 20. Fuel Injection Pump Cover Assembly, Governor Linkage, and Related Parts.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 0302 FUEL PUMP	
					FIG. 20 FUEL INJECTION PUMP COVER ASSEMBLY, GOVERNOR LINKAGE, AND RELATED PARTS	
1	PAFZZ	5310008411131	00198	3001564	WASHER,FLAT.....	3
2	PAFZZ	5310012139964	84760	11582	WASHER,LOCK.....	3
3	PAFZZ	5305011184114	84760	22351	SCREW,MACHINE.....	3
4	AFFF		34623	5569831-C	COVER ASSEMBLY,FUEL.....	1
5	PAFZZ	5310005825765	03350	22FT832	.NUT,SELF-LOCKING,HE PART OF KIT	2
6	PAFZZ	2920011173251	84760	20951	P/N 26431.....	
7	PAFZZ	5310005590070	96906	MS35333-38	.LEAD,IGNITION,ENGIN PART OF KIT	1
8	PAFZZ	5310009349757	96906	MS35649-282	P/N 26431.....	
9	PAFZZ	5310001900752	22787	10-9858	.WASHER,LOCK PART OF KIT P/N 26431.	5
10	PAFZZ	5310008307825	84760	12500	.NUT,PLAIN,HEXAGON PART OF KIT P/N	4
11	PAFZZ	4820011659596	84760	23183	26431.....	
12	PAFZZ	5331012322145	OCTH1	3921936	.WASHER,FLAT PART OF KIT P/N 26431.	4
13	PAFZZ	2920011883259	84760	27010	.WASHER,SHOULDERED PART OF KIT P/N	4
14	PAFZZ	5310011910440	84760	27009	26431.....	
15	PAFZZ	5940011851122	84760	27008	.VALVE,CHECK.....	1
16	PAFZZ	2530011949868	84760	27065	.O-RING PART OF KIT P/N 30405.....	1
17	PAFZZ	5340012503240	84760	27014	.HOUSING,TERMINAL.....	1
18	PAFZZ	5945011903559	84760	27007	.WASHER,FLAT.....	2
19	PFFZZ	4710012305611	84760	23190	.TERMINAL,STUD.....	2
20	PAFZZ	5945011883194	84760	27011	.BOOT,VEHICULAR COM.....	1
21	PFFZZ	4710012305611	84760	23190	.COVER,ACCESS.....	1
22	PAFZZ	5360013178098	84760	23744	.SOLENOID,ELECTRICAL COLD AVANCE...	1
23	PAHZZ	2910011883254	84760	21763	..TUBE,INSULATING PART OF KIT P/N	2
23	PAFZZ	2910013162312	84760	24880	30405.....	
24	PAHZZ	5360011893606	84760	27005	.SOLENOID,ELECTRICAL FUEL SHUTOFF..	1
24	PAHZZ	5360013181893	84760	28397	..TUBE,INSULATING PART OF KIT P/N	2
25	PAFZZ	5310011886743	84760	22325	30405.....	
26	PAFZZ	2910011892142	84760	18021	SPRING,HELICAL,COMP 6.2 LITER,USE	1
27	PAHZZ	5330012342615	OCTH1	3921950	WITH PUMP ASSEMBLY P/N DB2829-4879	
					AND ALL 6.5 LITER.....	
					BLOCK,PUMP,INJECTIO 6.2 LITER,USE	1
					WITH PUMP ASSEMBLY P/N DB2829-4523..	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20,	
					H21,H24,H25,H26,H27,H28,MMM	
					BLOCK ASSEMBLY,GOVE 6.2 LITER,USE	1
					WITH PUMP ASSEMBLY P/N DB2829-4879	
					AND ALL 6.5 LITER.....	
					SPRING,HELICAL,COMP 6.2 LITER,USE	1
					WITH PUMP ASSEMBLY DB2829-4523.....	
					UOC:H11,H13,H14,H15,H16,H17,H18,H20,	
					H21,H24,H25,H26,H27,H28,MMM	
					SPRING,HELICAL,COMP 6.2 LITER,USE	1
					WITH PUMP ASSEMBLY P/N DB2829-4879	
					AND ALL 6.5 LITER.....	
					WASHER,FLAT.....	1
					HOOK ASSEMBLY,GOVER.....	1
					GASKET PART OF KIT P/N 30405.....	1

SECTION II			TM9-2815-237-34P		(6)	0021 00
(1) ITEM NO	(2) CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)
28	PAHZZ	5360003359327	84760	11919	SPRING,HELICAL,EXTE.....	1
29	PAFZZ	2520011883282	84760	23461	SHIFTER FORK.....	1
30	PAFZZ	5360014137363	84760	30776	SPRING,HELICAL,COMP 6.5 LITER.....	1
30	PAHZZ	5360011880807	84760	22125	SPRING,HELICAL,COMP 6.2 LITER.....	1
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
31	PAFZZ	3040013170367	84760	23610	CONNECTING LINK,RIG 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
32	PAFZZ	2910011883252	84760	22327	SLEEVE,ADJUSTING,GO 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
33	PAFZZ	2910012569157	84760	27927	RETAINER,HELICAL CO 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
34	PAFZZ	5310011182248	84760	18493	WASHER,LOCK PART OF KIT P/N 26431... 1	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

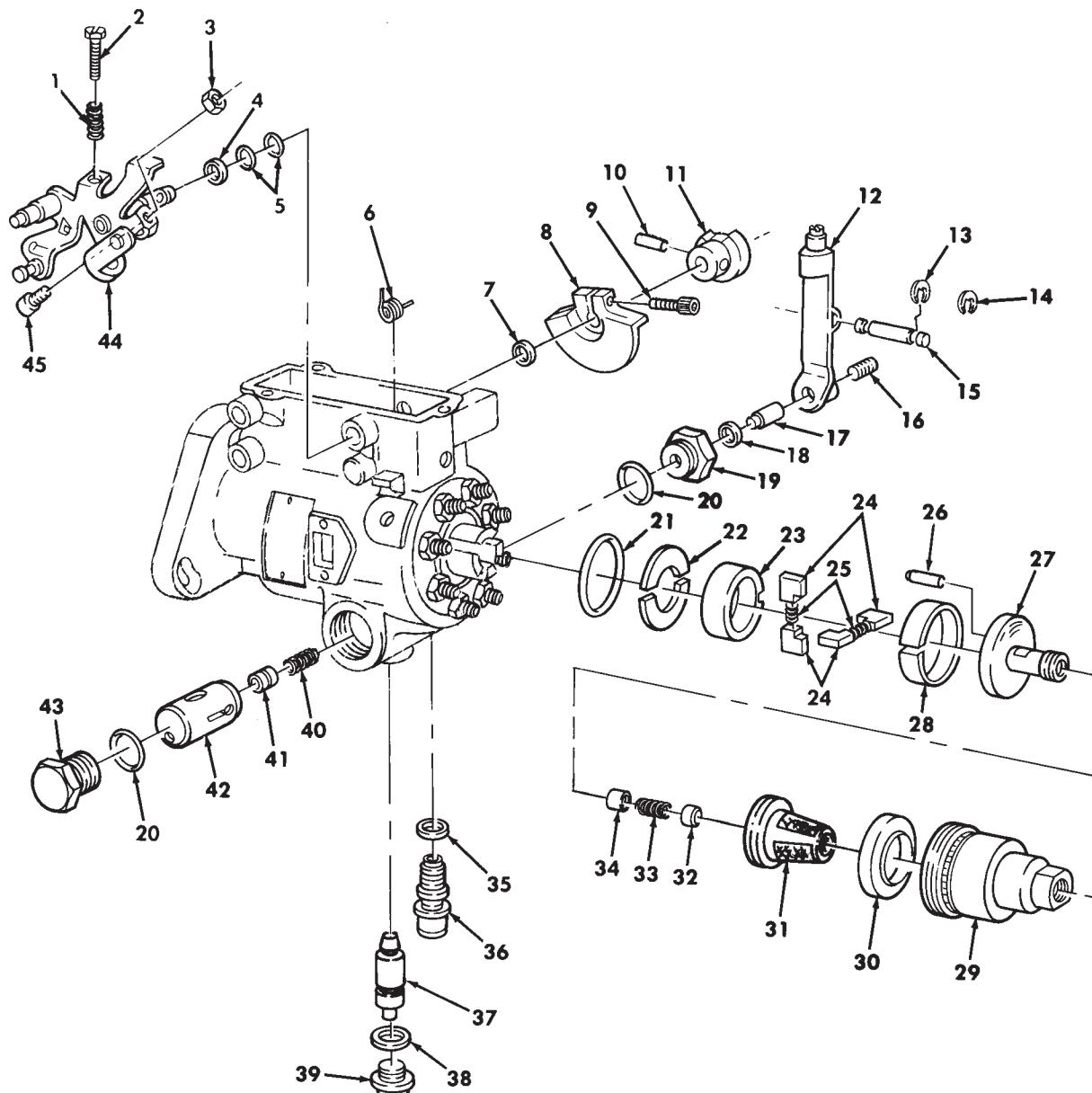


Figure 21. Fuel Injection Pump Throttle Shaft, Regulator, Transfer Pump, and Related Parts.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0302 FUEL PUMP						
FIG. 21 FUEL INJECTION PUMP THROTTLE SHAFT, REGULATOR, TRANSFER PUMP, AND RELATED PARTS						
1	PAHZZ	5360011906215	84760	21358	SPRING,HELICAL,COMP.....	1
2	PAHZZ	5305012159425	84760	21646	SCREW.....	1
3	PAHZZ	5310009882652	96906	MS35650-103	NUT,PLAIN,HEXAGON #10-32.....	1
4	PAHZZ	5365011880993	84760	22900	SPACER,SLEEVE.....	1
5	PAHZZ	5331012159638	84760	24585	O-RING PART OF KIT P/N 30405.....	2
6	PAHZZ	5360013179451	84760	26181	SPRING,HELICAL,COMP 6.2 LITER,USE WITH PUMP ASSEMBLY DB2829-4879 AND ALL 6.5 LITER.....	1
7	PAHZZ	5365008774956	84760	14408	SHIM PART OF KIT P/N 30405.....	1
8	PAHZZ	2910011883256	84760	23428	CAM FACE,PUMP 6.2 AND 6.5 LITER DETUNED.....	1
8	PAHZZ	3040014459101	84760	29122	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM CAM,CONTROL 6.5 LITER.....	1
9	PAHZZ	5305011905745	84760	22398	UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB SCREW,MACHINE.....	1
10	PAHZZ	5315011675584	84760	21284	PIN,GROOVED,HEADLES PART OF KIT P/ N 30405.....	1
11	PAHZZ	3040011892163	84760	27006	CAM,CONTROL 6.2 AND 6.5 LITER DETUNED.....	1
12	PAHZZ	3040013170368	84760	28937	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM LEVER,REMOTE CONTRO 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
13	PAHZZ	5325011880962	84760	23566	RING,RETAINING PART OF KIT P/N 30405	2
14	PAHZZ	5325014137364	84760	30844	RING,RETAINING 6.5 LITER.....	2
15	PAHZZ	5315011900429	84760	22397	PIN,GROOVED,HEADLES.....	1
16	PAHZZ	5305012605737	84760	26087	SETSCREW.....	1
17	PAHZZ	5340011926030	84760	22917	PLUNGER,DETENT.....	1
18	PAHZZ	5330012338597	84760	27163	SEAL.....	1
19	PAHZZ	5365013174249	84760	28474	PLUG,MACHINE THREAD 6.2 LITER USE WITH PUMP ASSEMBLY DB2829-4879 AND ALL 6.5 LITER.....	
19	PAHZZ	5365011880784	84760	22693	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM SEAL,DRAIN PLUG PART OF KIT P/N 30405.....	1
20	PAHZZ	5330012332778	84760	27609	PACKING,PREFORMED PART OF KIT P/N 30405.....	1
21	PAHZZ	5330012360474	84760	27608		

SECTION II			TM9-2815-237-34P		0022 00	
(1) ITEM NO	(2) CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)
22	PAHZZ	2910011890895	84760	20530	RETAINER, ROTOR, TRAN.....	2
23	PAHZZ	2910012321044	84760	22988	LINER, TRANSFER PUMP.....	1
24	PAHZZ	2910012309007	84760	20803	VANE, INJECTION PUMP.. STANDARD.....	14
24	PAHZZ	2910001486555	84760	20804	BLADE, TRANSFER PUMP OVERSIZE,.001..	4
25	PAHZZ	5360009002564	84760	15699	SPRING, HELICAL, COMP.....	2
26	PAHZZ	5315011880495	84760	19837	PIN.....	1
27	PAHZZ	2910011883249	84760	21200	REGULATOR ASSEMBLY, 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
27	PAHZZ	4810014159460	84760	28988	VALVE, REGULATING, FL 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
28	PAHZZ	5325011880960	84760	20528	RING, RETAINING.....	1
29	PAHZZ	2910011883251	84760	21296	CAP, TRANSFER PUMP 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
29	PAHZZ	2910014140346	84760	28981	HOUSING, FUEL PUMP 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
30	PAHZZ	2910011883250	84760	20523	PLATE, PUMP PRESSURE 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
31	PAHZZ	4730013340695	84760	23819	STRAINER ELEMENT, SE 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
31	PAHZZ	2910013638782	84760	28986	SCREEN, FILTER, GOVER 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
32	PAHZZ	4730004596077	84760	15228	PLUG ASSEMBLY, END P.....	1
33	PAHZZ	5360011886693	78514	27003	SPRING, HELICAL, COMP 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
33	PAHZZ	5360013181894	84760	23915	SPRING, HELICAL, COMP 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
34	PAHZZ	4820011890894	84760	19895	PISTON, VALVE.....	1
35	PAHZZ	5331012360472	OCTH1	3921940	O-RING PART OF KIT P/N 30405.....	1
36	PAHZZ	5305011886568	84760	24566	SCREW.....	1
37	PAHZZ	5315011892141	84760	23925	PIN, CAM ADVANCE.....	1
38	PAHZZ	5331012327886	OCTH1	3921939	O-RING PART OF KIT P/N 30405.....	1
39	PAHZZ	5365011880785	84760	23056	PLUG, MACHINE THREAD.....	1
40	PAHZZ	5360014166594	84760	29049	SPRING, HELICAL, COMP 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
40	PAHZZ	5360011893607	84760	23601	SPRING, HELICAL, COMP 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20,	1

SECTION II			TM9-2815-237-34P		(6)	0022 00
(1) ITEM NO	(2) CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
40	PAHZZ	5360014137368	84760	28463	H21,H24,H25,H26,H27,H28,MMM SPRING,HELICAL,COMP	1
41	PAHZZ	2910011900069	84760	22367	6.5 LITER..... VALVE,SERVO ADVANCE.....	1
42	PAHZZ	3040012470914	84760	26382	PISTON,LINEAR ACTUA STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
42	PAHZZ	2910014146651	84760	29043	PISTON,FUEL INJECTO STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	4320012563698	84760	26383	PISTON,PUMP .008 OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
42	PAHZZ	2910014147888	84760	29042	PISTON,FUEL INJECTO .002 OVERSIZE, 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	4320014256571	84760	28457	PISTON,PUMP .005 OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
42	PAHZZ	2910014459041	84760	29041	INJECTION CONTROL,M .005 OVERSIZE, 6.2 LITER,USE WITH PUMP ASSEMBLY P/ N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	2815014469537	84760	29040	PISTON,FUEL INJECTO .008 OVERSIZE, 6.2 LITER,USE WITH PUMP ASSEMBLY P/ N DB2829-4879 AND ALL 6.5 LITER.....	1
42	PAHZZ	4320011883258	84760	26989	PISTON,PUMP .002 OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
43	PAHZZ	5365013181887	84760	22505	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
43	PAHZZ	5365011880783	84760	23426	PLUG,MACHINE THREAD 6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1
44	PAFZZ	2910011891747	84760	24345	SHAFT ASSEMBLY,THRO..6.2 AND 6.5 N/A UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1
44	PAFZZ	2815014368370	84760	31843	SHAFT,CONTROL ASSEM TURBO..... UOC:XAA,XBB	1
45	PAFZZ	5305011904070	84760	21712	SCREW,MACHINE 6.2 LITER..... UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	1

			TM9-2815-237-34P		(6)	0022 00
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
45	PAHZZ	5305014143012	84760	27660	SETSCREW 6.5 LITER.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

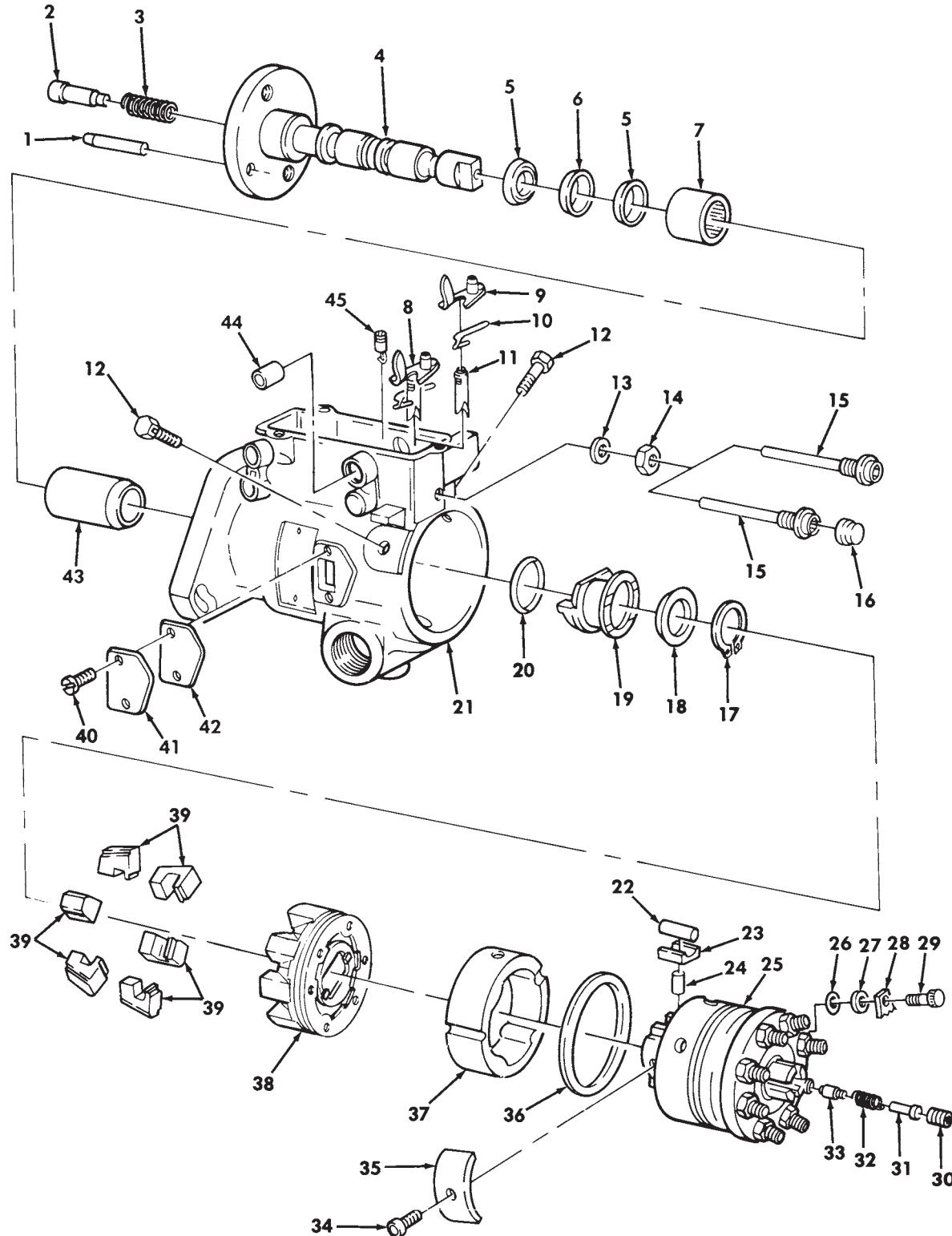


Figure 22. Fuel Injection Pump Housing, Head and Rotor, Drive Shaft, and Related Parts.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P (4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	0023 00 (7) QTY
1 PAHZZ	5315011880765	84760 23100			GROUP 0302 FUEL PUMP	
1 PAHZZ	5315011880766	84760 23685			FIG. 22 FUEL INJECTION PUMP HOUSING, HEAD AND ROTOR, DRIVE SHAFT, AND RELATED PARTS	
2 PAHZZ	5315011913393	84760 22064				
3 PAHZZ	5360008871536	84760 10541				
4 PAHZZ	3040012470893	84760 29546				
4 PAHZZ	3040011883222	84760 24645			PIN, STRAIGHT, HEADLE.....	1
5 PAHZZ	5330007571680	84760 10453			PIN, STRAIGHT, HEADLE OVERSIZE.....	1
6 PAHZZ	5330011925779	84760 21860			PIN, SHOULDER, HEADED.....	1
7 PAHZZ	3110011887682	84760 23101			SPRING, HELICAL COMP.....	1
8 PAHZZ	4820007863971	84760 11563			SHAFT, SHOULDERED 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
8 PAHZZ	4820011821073	84760 24441			UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
9 PAHZZ	2910011883255	84760 21895			SHAFT, DRIVE 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
10 PAHZZ	5360011893466	84760 21917			PACKING, PREFORMED BLACK PART OF KIT P/N 30405.....	2
11 PAHZZ	4820007863971	84760 11563			PACKING, PREFORMED RED PART OF KIT P/N 30405.....	1
12 PAHZZ	5306008193038	84760 11331			BEARING, ROLLER, NEED.....	1
13 PAHZZ	5330012360488	84760 27606			VALVE, CALIBRATED FL STANDARD.....	1
13 PAHZZ	5331006418283	84760 405			VALVE, FLOW CONTROL METERING, OVERSIZE.....	1
14 PAHZZ	5310013181883	84760 23585			ARM, METERING VALVE.....	1
15 PAHZZ	5307011889217	84760 23352			SPRING.....	1
15 PAHZZ	5307013176317	84760 26495			VALVE, CALIBRATED FL.....	1
16 PAHZZ	5340014159633	84760 26961			BOLT, MACHINE.....	2
17 PAHZZ	5325008042027	96906 MS16624-1093			GASKET 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523 PART OF KIT P/N 30405.....	1
18 PAHZZ	3120003934067	84760 20222			UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
					O-RING 6.2 LITER , USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER PART OF KIT P/N 30405.....	1
					NUT, PLAIN, HEXAGON 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
					STUD 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.....	1
					UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
					STUD, BALL 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
					CAP, PROTECTIVE, DUST 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
					RING, RETAINING PART OF KIT P/N 30405.....	1
					BEARING, WASHER, THRU.....	1

0023 00-1

TM9-2815-237-34P					(6)	0023 00
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
19	PAHZZ	2910011177252	84760	21312	SLEEVE, GOVERNOR THR.....	1
20	PAHZZ	5325011880958	84760	22937	RING, RETAINING 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523 PART OF KIT P/N 30405..... UOC:H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
20	PAHZZ	5325005981428	84760	10445	RING, RETAINING 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER PART OF KIT P/N 30405.	1
21	XAHZZ		84760	27002	HOUSING, INJECTION P 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4523.. UOC:H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	1
21	XAHZZ		84760	28861	HOUSING 6.2 LITER, USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
22	PAHZZ	5315008871539	84760	11141	PIN, STRAIGHT, HEADLE.....	2
23	PAHZZ	3040011883242	84760	24569	SHOE, CAM ROLLER.....	2
24	PAHZZ	5340011598534	84760	11067	PLUNGER, DETENT STANDARD,.290 A,6.5 LITER.....	2
24	PAHZZ	5340011598535	84760	11068	PLUNGER, DETENT STANDARD,.290 B,6.5 LITER.....	2
24	PAHZZ	5340011598536	84760	11069	PLUNGER, DETENT STANDARD,.290 C,6.5 LITER.....	2
24	PAHZZ	3120012395132	75160	11070	BUSHING, SLEEVE STANDARD,.290 D,6.5 LITER.....	2
24	PAHZZ	5340014159627	84760	11072	PLUNGER, DETENT OVERSIZE,.002 A,6.5 LITER.....	2
24	PAHZA	5340014334750	84760	11073	PLUNGER, DETENT OVERSIZE,.002 B,6.5 LITER.....	2
24	PAHZA	5340014334752	84760	11074	PLUNGER, DETENT OVERSIZE,.002 C,6.5 LITER.....	2
24	PAHZZ	5340014159628	84760	11075	PLUNGER, DETENT OVERSIZE,.002 D,6.5 LITER.....	2
24	PAHZZ	2910011891748	84760	11057	PLUNGER, ROTOR, FUEL STANDARD,.290 A,6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	2
24	PAHZZ	2910011918453	84760	11058	PLUNGER, ROTOR STANDARD,.290 B,6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	2
24	PAHZZ	2910011918454	84760	11059	PLUNGER, ROTOR STANDARD,.290 C,6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25,A26,A27,B16,B17,B18,HVY,H11,H13,H14,H15,H16,H17,H18,H20,H21,H24,H25,H26,H27,H28,MMM	2
24	PAHZZ	2910011918455	84760	11060	PLUNGER, ROTOR STANDARD,.290 D,6.2	2

SECTION II			TM9-2815-237-34P		(6)	0023 00
(1) ITEM NO	(2) CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(7)	
					DESCRIPTION AND USABLE ON CODES (UOC) QTY	
24	PAHZZ	2910011918456	84760	11062	LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
24	PAHZZ	2910011918457	84760	11063	PLUNGER,ROTOR OVERSIZE,.002 A,6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	2
24	PAHZZ	2910011918458	84760	11064	PLUNGER,ROTOR OVERSIZE,.002 B,6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	2
24	PAHZZ	2910011918459	84760	11065	PLUNGER,ROTOR OVERSIZE,.002 C,6.2 LITER..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	2
25	PFHZZ	2910014145382	84760	31506	HEAD AND ROTOR ASSE 6.5 LITER.....	1
25	PFHZZ	4320013170692	84760	31816	PUMP,ROTARY.....	1
26	PAHZZ	5331012360476	0CTH1	3921937	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
27	PAHZZ	5310012666425	84760	26027	O-RING PART OF KIT P/N 30405	1
28	PAHZZ	5340014140247	84760	29384	WASHER,FLAT 6.2 LITER,USE WITH	1
28	PAHZZ	2910011883244	84760	21283	PUMP ASSEMBLY P/N DB2829-4523 PART	
29	PAHZZ	5305011910374	84760	29710	OF KIT P/N 30405.....	
30	PAHZZ	5305011886567	84760	23124	UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM	
31	PAHZZ	2910011918464	84760	26070	PLATE,MOUNTING 6.5 LITER.....	1
32	PAHZZ	5360012605649	84760	26071	PLATE,LOCKING 6.2 LITER.....	1
33	PAHZZ	4820011883245	84760	23123	UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
					SCREW,MACHINE.....	1
					SCREW.....	1
					STOP,VALVE.....	1
					SPRING,HELICAL,COMP.....	1
					DISK,VALVE STANDARD,6.2 LITER,USE	1
					WITH PUMP ASSEMBLY P/N DB2829-4523..	

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
33	PAHZZ	4820011883246	84760	23135	UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM DISK,VALVE OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4523..	1
33	PAHZZ	4820013162497	84760	28012	UOC:H11,H13,H14,H15,H16,H17,H18,H20, H21,H24,H25,H26,H27,H28,MMM VALVE,CHECK STANDARD,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
33	PAHZZ	4820013170552	84760	28013	VALVE,CHECK OVERSIZE,6.2 LITER,USE WITH PUMP ASSEMBLY P/N DB2829-4879 AND ALL 6.5 LITER.....	1
34	PAHZZ	5305002073984	84760	11175	SCREW,CAP,SOCKET HE.....	1
35	PAHZZ	5360011886806	84760	23238	SPRING,FLAT.....	1
36	PAHZZ	5331012360475	84760	27245	O-RING PART OF KIT P/N 30405.....	1
37	PAHZZ	2910011883243	84760	27833	CAM RING,FUEL INJEC STANDARD.....	1
37	PAHZZ	3040011924585	84760	23120	CAM,CONTROL OVERSIZE.....	1
38	PAHZZ	2990013208915	84760	27984	RETAINER ASSEMBLY.....	1
39	PAHZZ	3040011883261	84760	21201	WEIGHT,COUNTERBALAN.....	6
40	PAHZZ	5305011880948	84760	21194	SCREW,MACHINE.....	2
41	PFHZZ	5340011883176	84760	23107	COVER,ACCESS.....	1
42	PAHZZ	5330012332848	0CTH1	3921935	GASKET PART OF KIT P/N 30405.....	1
43	PFHZZ	2910012106938	84760	26890	PILOT TUBE,PUMP.....	1
44	PFHZZ	3120009934152	84760	15093	BUSHING,SLEEVE.....	2
45	PAHZZ	5305011880489	34623	5740572	SCREW ASSY.,VENT GOVERNOR,#0.....	1
45	PAHZZ	5305011880490	84760	21661	SCREW,ASSY.,VENT GOVERNOR,#1.....	1
45	PAHZZ	5305011880491	84760	21662	SCREW ASSY.,VENT GOVERNOR,#2.....	1
45	PAHZZ	5305011880492	84760	21663	SCREW ASSY.,VENT GOVERNOR,#3.....	1
45	PAHZZ	5305011880493	84760	21664	SCREW ASSY.,VENT GOVERNOR,#4.....	1
45	PAHZZ	5305011880494	84760	21665	SCREW ASSY.,VENT GOVERNOR,#5.....	1
45	PAHZZ	5305011880491	84760	21662	SCREW ASSY.,VENT GOVERNOR,#1.5.....	1
45	PAHZZ	5305011886566	84760	22734	SCREW GOVERNOR,#2.5.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

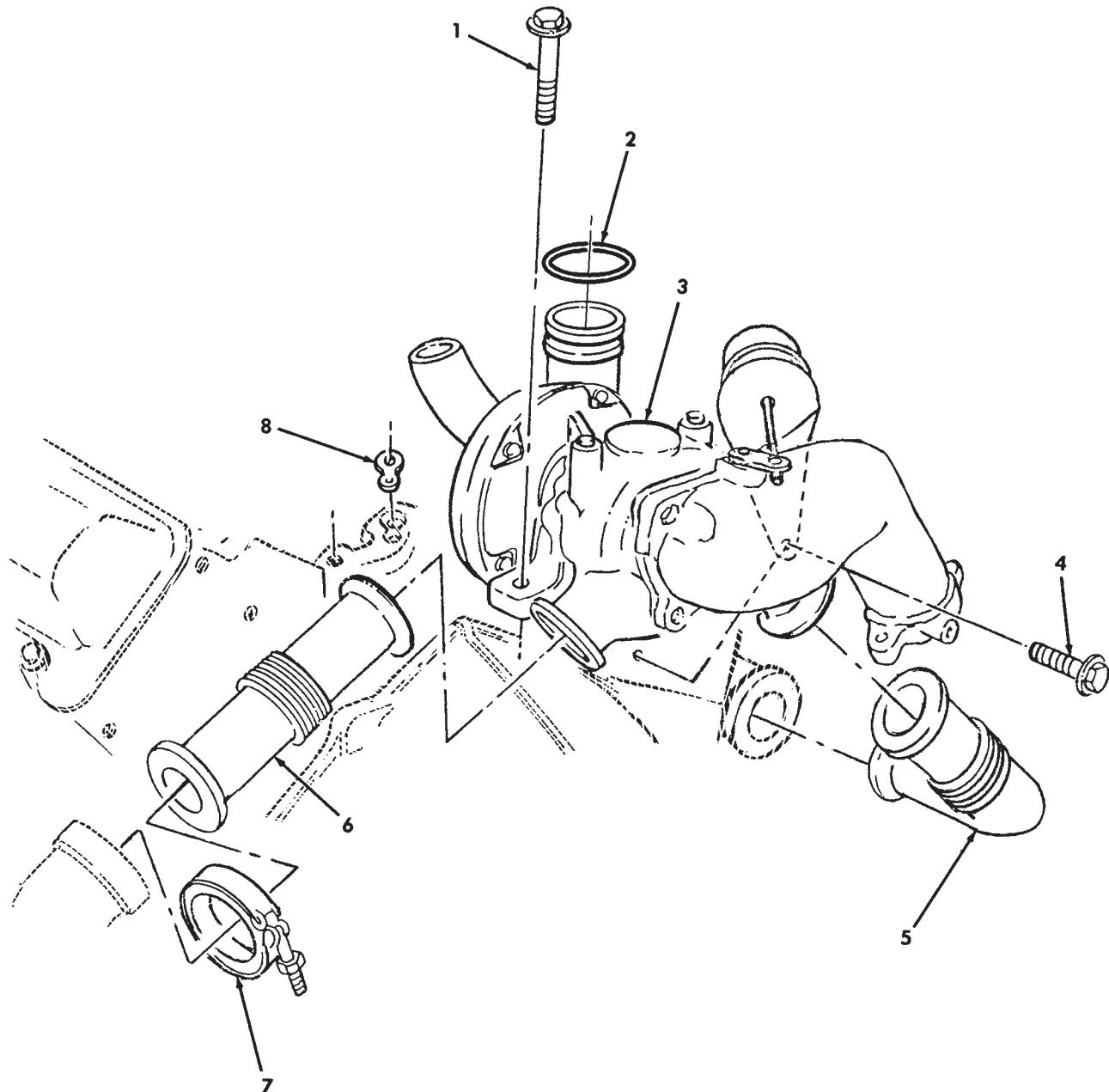


Figure 23. Turbocharger Assembly.

TM9-2815-237-34P					(6)	0024 00
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 0305 TURBOCHARGER ASSEMBLY						
FIG. 23 TURBOCHARGER ASSEMBLY						
1	PAFZZ	5306014919410	7X677	11508475	BOLT, MACHINE.....	2
2	PAFZZ	5331014728177	7X677	12456133	UOC:XAA,XBB	
3	PAFZZ	2950014398169	7X677	12532429	O-RING.....	1
4	PAFZZ	5305013976850	24617	11502685	UOC:XAA,XBB	
5	PAFZZ	2990014371020	7X677	10239025	TURBOSUPERCHARGER,E.....	1
6	PAFZZ	2990014371022	7X677	10239026	UOC:XAA,XBB	
7	PAFZZ	5340014374983	7X677	12553155	SCREW,CAP,HEXAGON H.....	1
8	PAFZZ	5330014841471	7X677	12561306	UOC:XAA,XBB	
					PIPE,EXHAUST R.H.....	1
					PIPE,EXHAUST L.H.....	1
					UOC:XAA,XBB	
					CLAMP,LOOP.....	4
					UOC:XAA,XBB	
					GASKET.....	1
					UOC:XAA,XBB	

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

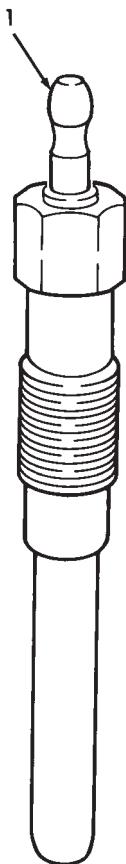


Figure 24. Glow Plug.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	0025 00 (7) QTY
GROUP 0311 ENGINE STARTING AIDS						
FIG. 24 GLOW PLUG						
1 PAOZZ 2920011883863 70040 5614017				GLOW PLUG..... 8		
END OF FIGURE						

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

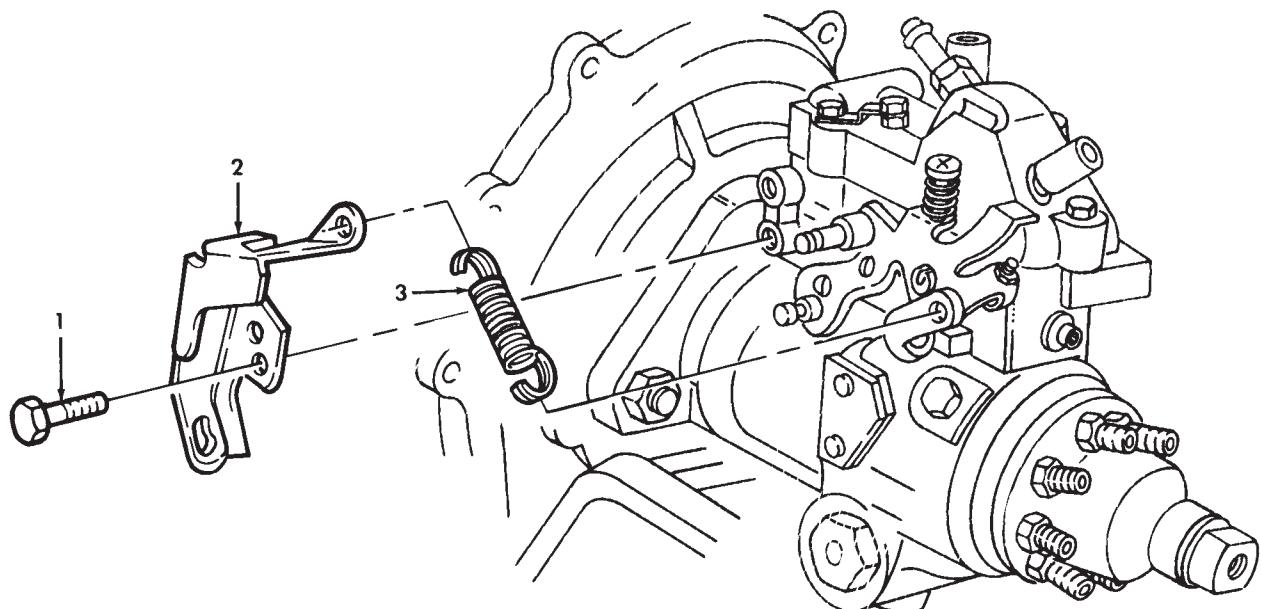


Figure 25. Accelerator Cable Bracket and Idle Spring.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 0312 ACCELERATOR, THROTTLE OR CHOKE CONTROLS	
					FIG. 25 ACCELERATOR CABLE BRACKET AND IDLE SPRING	
1	PAFZZ	5306011524693	24617	11504986	BOLT, MACHINE 8-1.25 X 14 MM.....	2
2	PFZFF	5340011821074	19207	12339142	BRACKET, MOUNTING.....	1
3	PAOZZ	5360012102852	19207	12339492	SPRING, HELICAL, EXTE.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

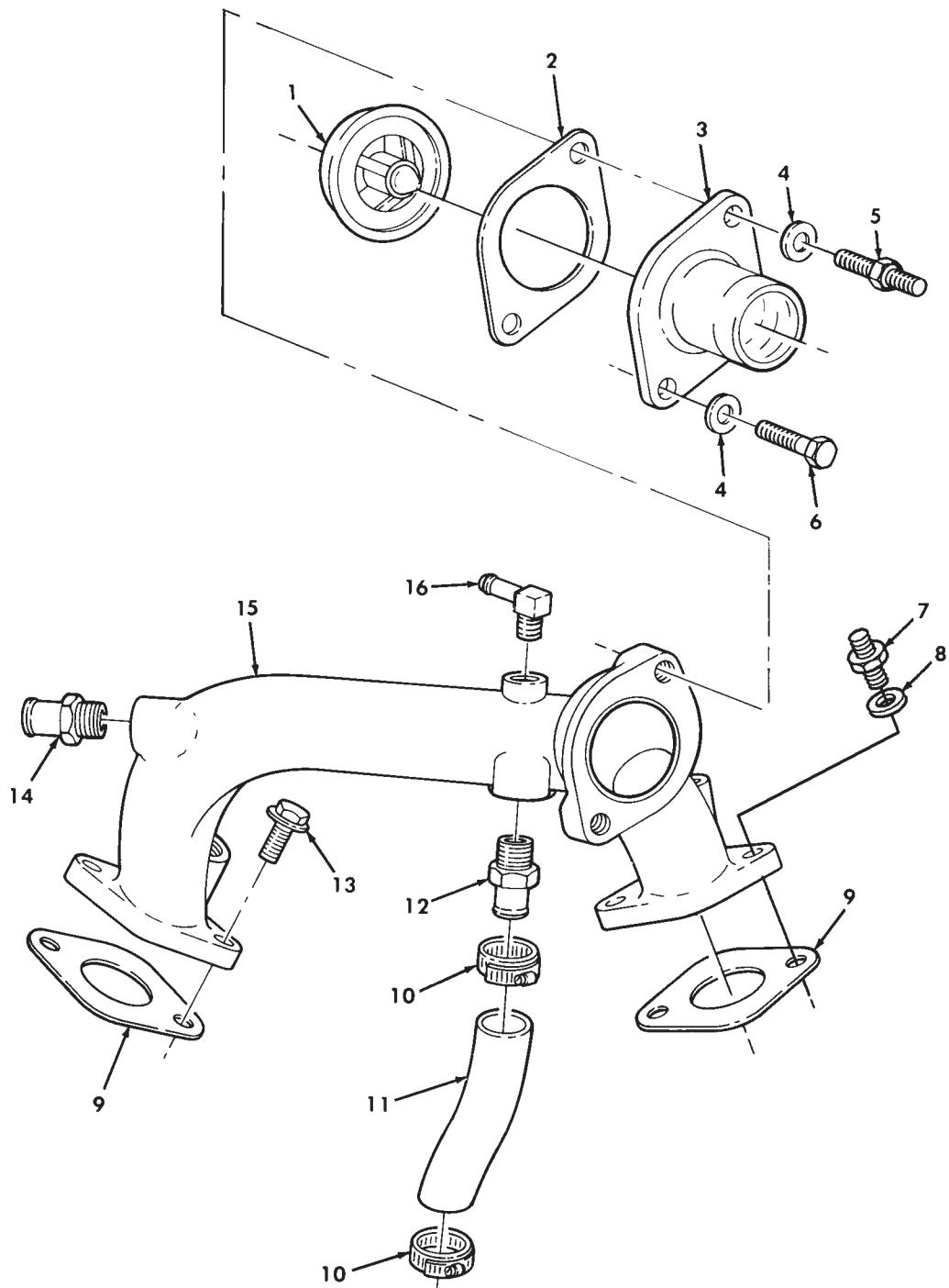


Figure 26. Thermostat, Water Crossover, and Attaching Hardware.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 05 COOLING SYSTEM 0503 WATER MANIFOLD,HEADERS, THERMOSTATS AND HOUSING GASKETS	
					FIG. 26 THERMOSTAT, WATER CROSSOVER, AND ATTACHING HARDWARE	
1	PAOZZ	6620011468006	7X677	14077122	THERMOSTAT, FLOW CON 6.2 LITER..... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, B16, B17, B18, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM	1
1	PAOZZ	6685014449478	7X677	12559337	THERMOSTAT, FLOW CON 6.5 LITER..... GASKET PART OF KIT P/N 12456409 PART	1
2	PAOZZ	5330014348611	7X677	12551591	OF KIT P/N 12521443 PART OF KIT P/N 12531705.....	1
3	PAOZZ	2930011474198	7X677	14028918	WATER OUTLET, ENGINE.....	1
4	PAOZZ	5310000806004	07860	D21059-16	WASHER, FLAT #10.....	2
5	PAOZZ	5307014925662	7X677	22532588	STUD, SHOULDERED 10-1.5 X 20 X 30 MM.....	1
6	PAOZZ	5306011654283	24617	11500831	BOLT, SELF-LOCKING 10-1.5 X 25 MM...	1
7	PAOZZ	5307014655796	19207	12339406-4	STUD, SPECIAL 6.5 LITER.....	1
8	PAOZZ	5310000806004	34623	5593213	WASHER, FLAT 10 MM 6.5 LITER.....	1
9	PAOZZ	5330011490874	7X677	10137488	GASKET PART OF KIT P/N 12456409 PART	2
10	PAOZZ	4730014440701	7X677	11516230	OF KIT P/N 12521443 PART OF KIT P/N 12531705.....	
10	PAOZZ	4730001669178	7X677	12337891	CLAMP, HOSE 6.5 LITER.....	2
11	MOOZZ		7X677	23500084	CLAMP, HOSE 6.2 LITER.....	2
11	MOOZZ		7X677	10243629	UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, B16, B17, B18, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM	1
12	PAOZZ	4730011826565	7X677	3739798	HOSE 6.2 LITER MAKE FROM HOSE P/N 4377, 5 INCHES LONG.....	1
12	PAOZZ	4730014452358	7X677	10183956	UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, B16, B17, B18, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM	1
13	PAFZZ	5306011496280	7X677	1635490	ADAPTER, STRAIGHT, PI 6.2 LITER.....	1
14	PAOZZ	4730011482758	7X677	354501	UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, B16, B17, B18, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM	1
15	PAOZZ	2930011883682	7X677	23500012	ADAPTER, STRAIGHT, PI 6.5 LITER.....	3
					BOLT, SELF-LOCKING 10-1.5 X 30 MM... ADAPTER, STRAIGHT, PI.....	4
					WATER OUTLET, ENGINE.....	1

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
15	PAOZZ	2930014607507	7X677	12554091	WATER OUTLET,ENGINE 6.5 LITER.....	1
16	PAOZZ	4730012306353	19207	12339415	ELBOW,PIPE TO HOSE.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

3—
4
and
5

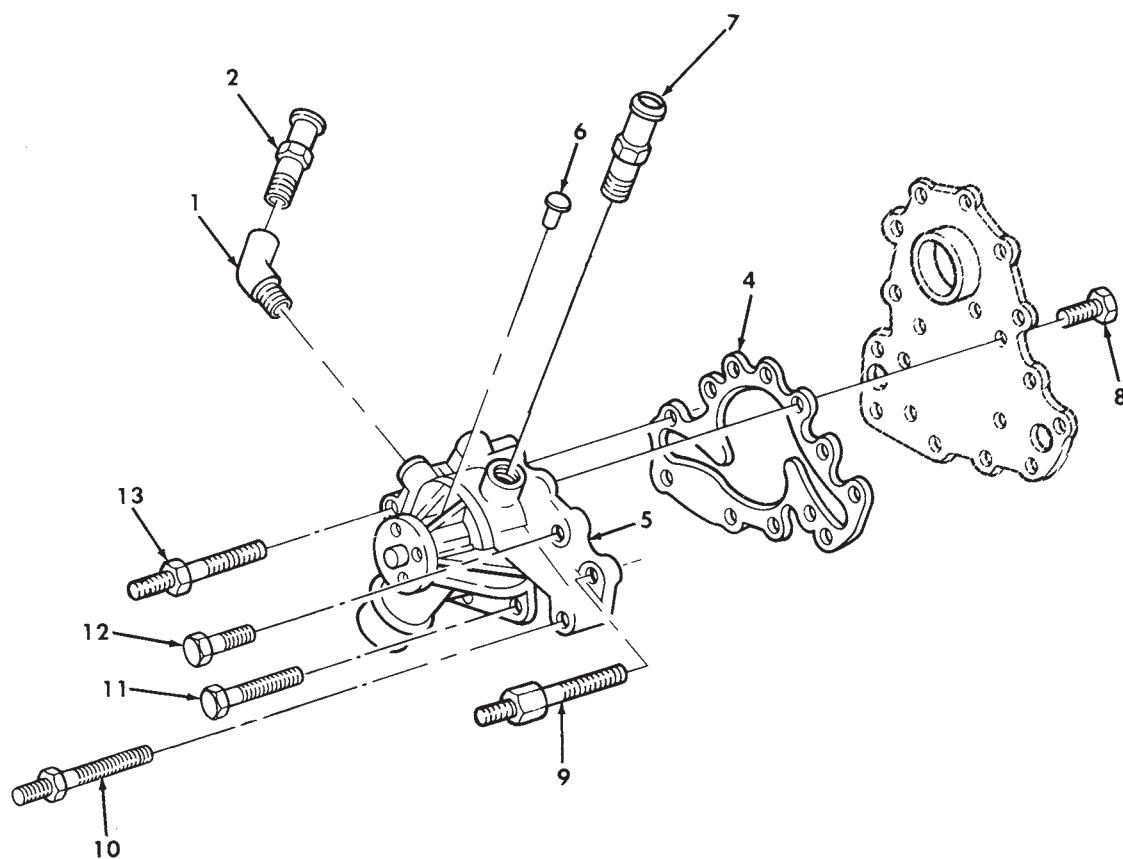


Figure 27. Water Pump and Attaching Hardware.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 0504 WATER PUMP	
					FIG. 27 WATER PUMP AND ATTACHING HARDWARE	
1	PAOZZ	4730005410793	30327	75167	ELBOW,PIPE.....	1
2	PAOZZ	4730011482758	7X677	354501	ADAPTER,STRAIGHT,PI.....	1
3	PAOZZ	2930013535794	61928	251-591	PUMP,COOLING SYSTEM 6.2 AND 6.5 LITER DETUNED..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
3	PAOZZ	2930014446649	7X677	12534772	PUMP,COOLING SYSTEM 6.5 LITER, COMES WITH GASKET..... UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB	1
4	PAOZZ	5330011479808	7X677	10137492	.GASKET 6.2 AND 6.5 LITER DETUNED PART OF KIT P/N 12514590 PART OF KIT P/N 12514591-RB-12532530..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
4	PAOZZ	5330014763866	7X677	12553488	.GASKET 6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB	1
5	XAOZZ		7X677	12514574	.PUMP,COOLING SYSTEM 6.2 AND 6.5 LITER DETUNED..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
5	XAOZZ		7X677	12553484	.PUMP,COOLING SYSTEM 6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA, XBB	1
6	PFOZZ	5320012180721	7X677	193620	RIVET,SOLID 1/4 X 1/2.....	1
7	PAOZZ	4730011826565	7X677	3739798	ADAPTER,STRAIGHT,PI.....	1
8	PAOZZ	5305011491938	7X677	11500815	SCREW,CAP,HEXAGON H 6.2 AND 6.5 LITER DETUNED..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	7
8	PAOZZ	5305011491938	7X677	11500815	SCREW,CAP HEXAGON H 6.5 LITER..... UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA XBB	6
9	PAOZZ	5307012079004	7X677	23500032	STUD SPECIAL 10-1.5 X 89 X 15MM....	1
10	PAOZZ	5307011787445	7X677	14071080	STUD,SHOULDERED 10-1.5 X 95 X 17 MM	1
11	PAOZZ	5305011499673	24617	1150967	SCREW,CAP,HEXAGON H 10-1.5 X 90MM..	1
12	PAFZZ	5305014108158	7X677	10049638	SCREW,CAP,HEXAGON H.....	7
13	PAFZZ	5307011787445	7X677	14071080	STUD,SHOULDERED 10-1.50 X 25 X 17..	1

END OF FIGURE

0028 00-1

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

2—
3 thru
19

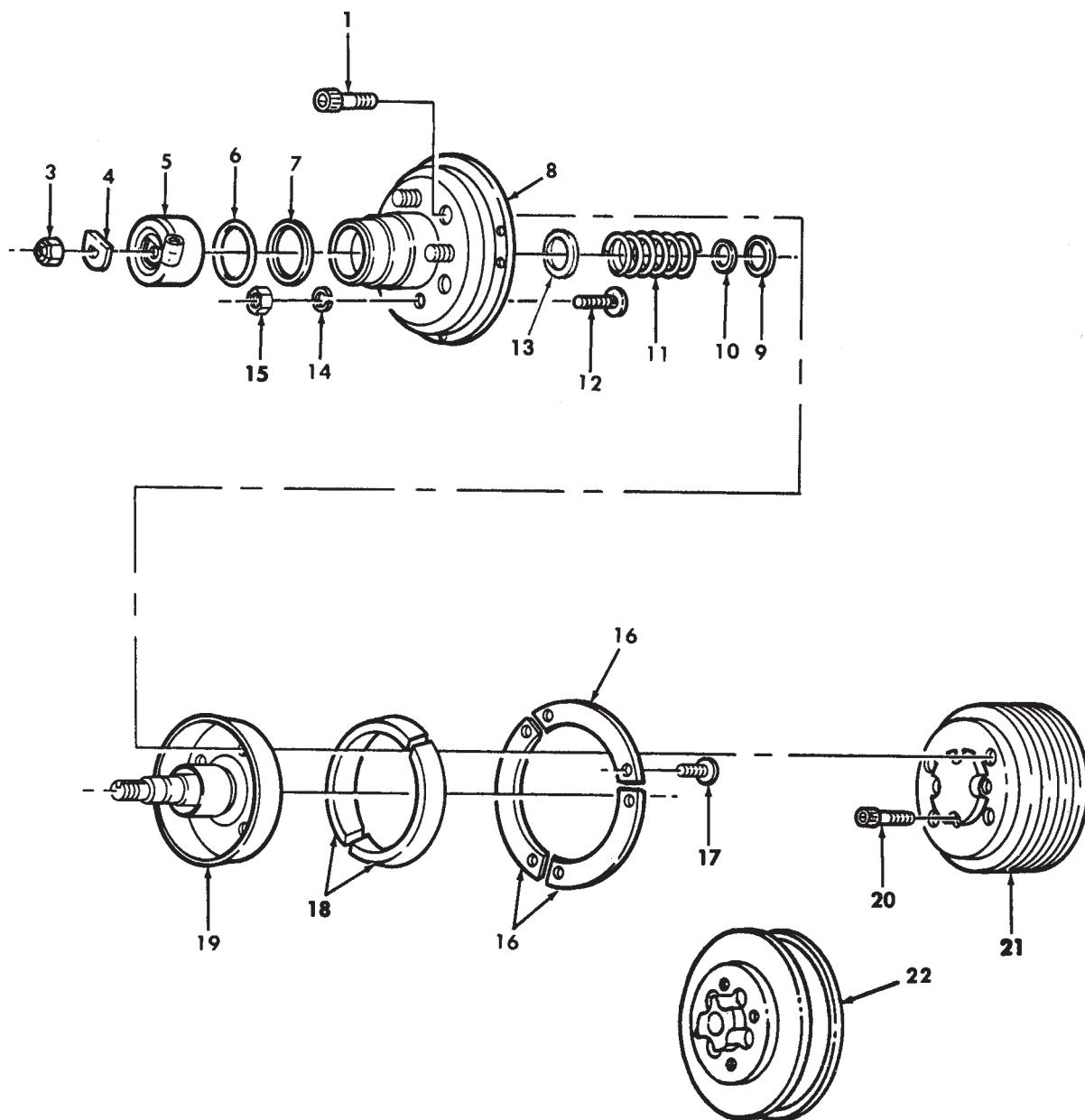


Figure 28. Fan Drive and Pulley.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P		(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	0029 00 (7) QTY		
GROUP 0505 FAN ASSEMBLY										
FIG. 28 FAN DRIVE AND PULLEY										
1 PAOZZ 5305003663337	24617	138242				SCREW 3/8-16 X 1.00.....		4		
2 PAOFF 2930011687870	34623	5579411				IMPELLER,FAN,AXIAL.....		1		
3 PAFZZ 5310011940481	51377	3029-01371-01				.NUT, SELF-LOCKING, HE.....		1		
4 PAFZZ 5310011898468	34623	5740253				.WASHER,FLAT.....		1		
5 PAFZZ 2930011891744	51377	4043-38443-01				.CYLINDER ASSEMBLY,F.....		1		
6 PAFZZ 5331011928892	51377	3018-01265-01				.O-RING.....		1		
7 PAFZZ 5330012478438	51377	3018-01339-01				.SEAL,DUST.....		1		
8 XAFZZ		51377	4040-38442-01			.HOUSING ASSEMBLY.....		1		
9 PAFZZ 5331011951500	51377	9002-00741-58				.O-RING.....		1		
10 PAFZZ 5331011948966	98624	9002-00181-48				.O-RING.....		1		
11 PAFZZ 5360011906214	34623	5740278				.SPRING,HELICAL,COMP.....		1		
12 PAFZZ 5307011905854	51377	3051-01405-01				.STUD,PLAIN 3/8-24 X 1.16.....		4		
13 PAFZZ 5330012520461	51377	3018-01425-01				.SEAL,PLAIN ENCASED.....		1		
14 PAOZZ 5310006379541	96906	MS35338-46				.WASHER,LOCK 3/8.....		4		
15 PAOZZ 5310011904607	51377	3030-00364-01				.NUT,PLAIN,HEXAGON 3/8-16.....		4		
16 XAOZZ		51377	4073-38424-01			.LINING,FAN CLUTCH.....		3		
17 PAOZZ 5305000526456	80205	MS16996-10				.SCREW,CAP,SOCKET HE.....		6		
18 PAOZZ 2930011898643	51377	4026-38368-01				.LINING,FRICITION.....		2		
19 XAFZZ		51377	4079-38441-01			.SHAFT ASSEMBLY.....		1		
20 PAOZZ 5305011893769	19207	12339240				SCREW,CAP,SOCKET HE 8-1.25 X 20MM..		4		
21 PAOZZ 3020013130682	19207	12338782				PULLEY,CONE 6.2 AND 6.5 LITER		1		
						DETUNED AMBULANCE VEHICLES ONLY.....				
						UOC:A15,H15				
						PULLEY,GROOVE 6.2 AND 6.5 LITER				
						DETUNED ALL EXCEPT AMBULANCE				
						VEHICLES.....				
						UOC:AVY,A11,A13,A14,A20,A24,A25,A26,				
						A27,B16,B17,B18,HVY,H11,H13,H14,H16,				
						H17,H18,H20,H21,H24,H25,H26,H27,H28,				
						MMM				
						PULLEY,FLAT 6.5 LITER WITH				
						SERPENTINE BELT.....				
						UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,				
						XBB				

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

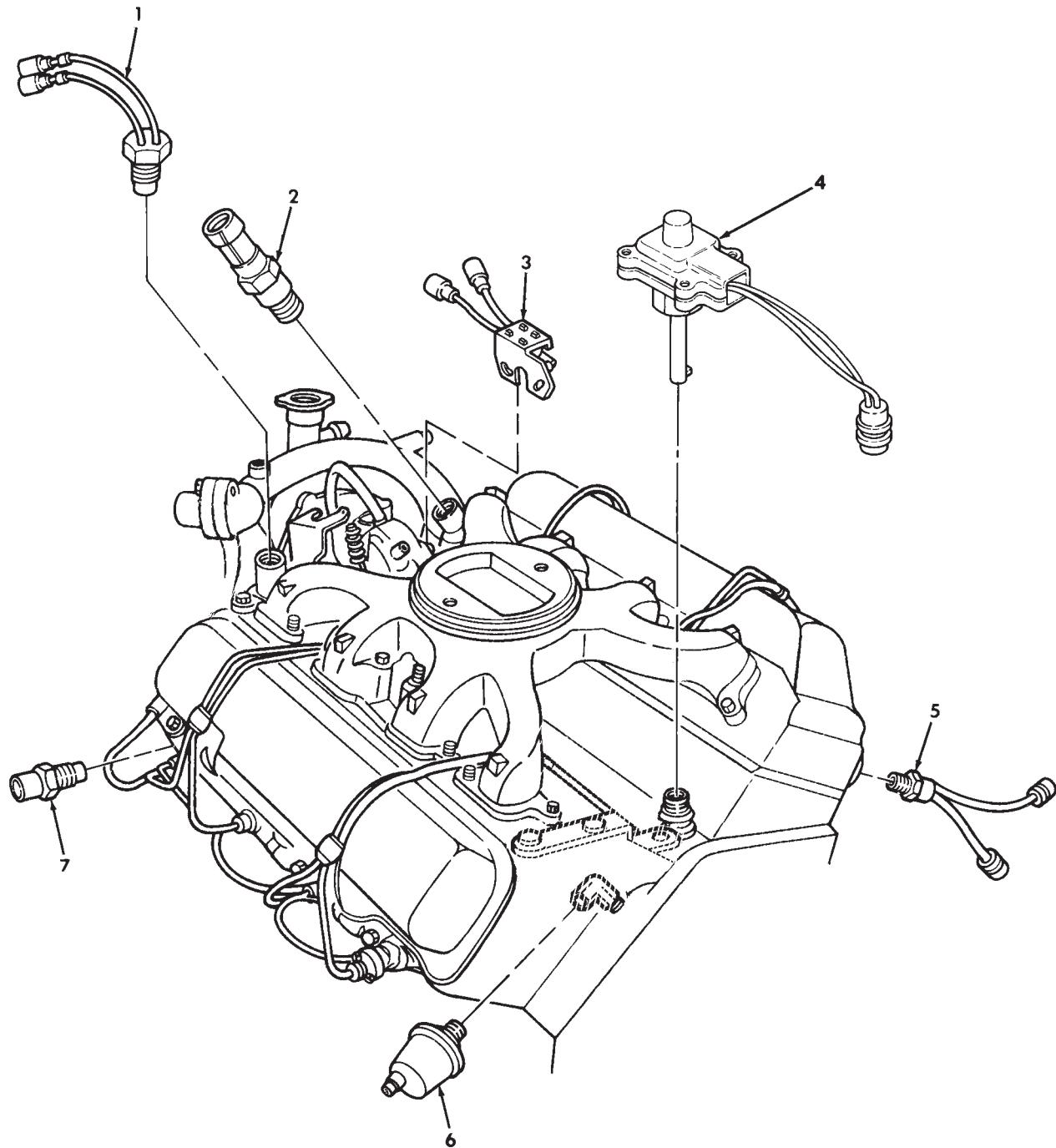


Figure 29. Sending Units (6.2L and 6.5L Naturally Aspirated).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 06 ELECTRICAL SYSTEMS 0610 SENDING UNITS AND WARNING SWITCHES	
					FIG. 29 SENDING UNITS (6.2L AND 6.5L NATURALLY ASPIRATED)	
1	PAOZZ	5930012377322	19207	12338599	SWITCH, THERMOSTATIC FAN..... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, BVY, B15, B16, B17, B18, B20, B24, B25, C17, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM, NNN	1
2	PAOZZ	2920011757214	19207	12338772	CONTROL UNIT, BREAKER GLOW PLUG CONTROLLER, USE WITH P/N 12446779 ONLY..... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, BVY, B15, B16, B17, B18, B20, B24, B25, C17, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM, NNN	1
2	PAOZZ	2920014696903	19207	12469158-2	CONTROL UNIT, BREAKER GLOW PLUG CONTROLLER, USE WITH P/N 12449158 ONLY..... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, BVY, B15, B16, B17, B18, B20, B24, B25, C17, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM, NNN	1
3	PAOZZ	5930014122836	19207	12460123	SWITCH, SENSITIVE 6.2 LITER AND 6.5 LITER DETUNED..... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, B16, B17, B18, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM	1
4	PAOZZ	6680011488875	19207	12258931-2	TACHOMETER, MECHANIC 6.2 LITER AND 6.5 LITER DETUNED..... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, B16, B17, B18, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM	1
5	PAOZZ	5930011836637	19207	12338596	SWITCH, THERMOSTATIC COLD ADVANCE... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, BVY, B15, B16, B17, B18, B20, B24, B25, C17, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM, NNN	1
6	PAOZZ	6620009935546	96906	MS24539	TRANSMITTER, PRESSURE ENGINE OIL.... UOC: AVY, A11, A13, A14, A15, A20, A24, A25, A26, A27, BVY, B15, B16, B17, B18, B20, B24, B25, C17, HVY, H11, H13, H14, H15, H16, H17, H18, H20, H21, H24, H25, H26, H27, H28, MMM, NNN	1

TM9-2815-237-34P				(6)	0030 00	(7)
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
7	PAOZZ	6620011946586	09527	TS6058	TRANSMITTER,ENGINE COOLANT TEMPRATURE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,BVY,B15,B16,B17,B18,B20,B24, B25,C17,HVY,H11,H13,H14,H15,H16,H17, H18,H20,H21,H24,H25,H26,H27,H28,MMM, NNN	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

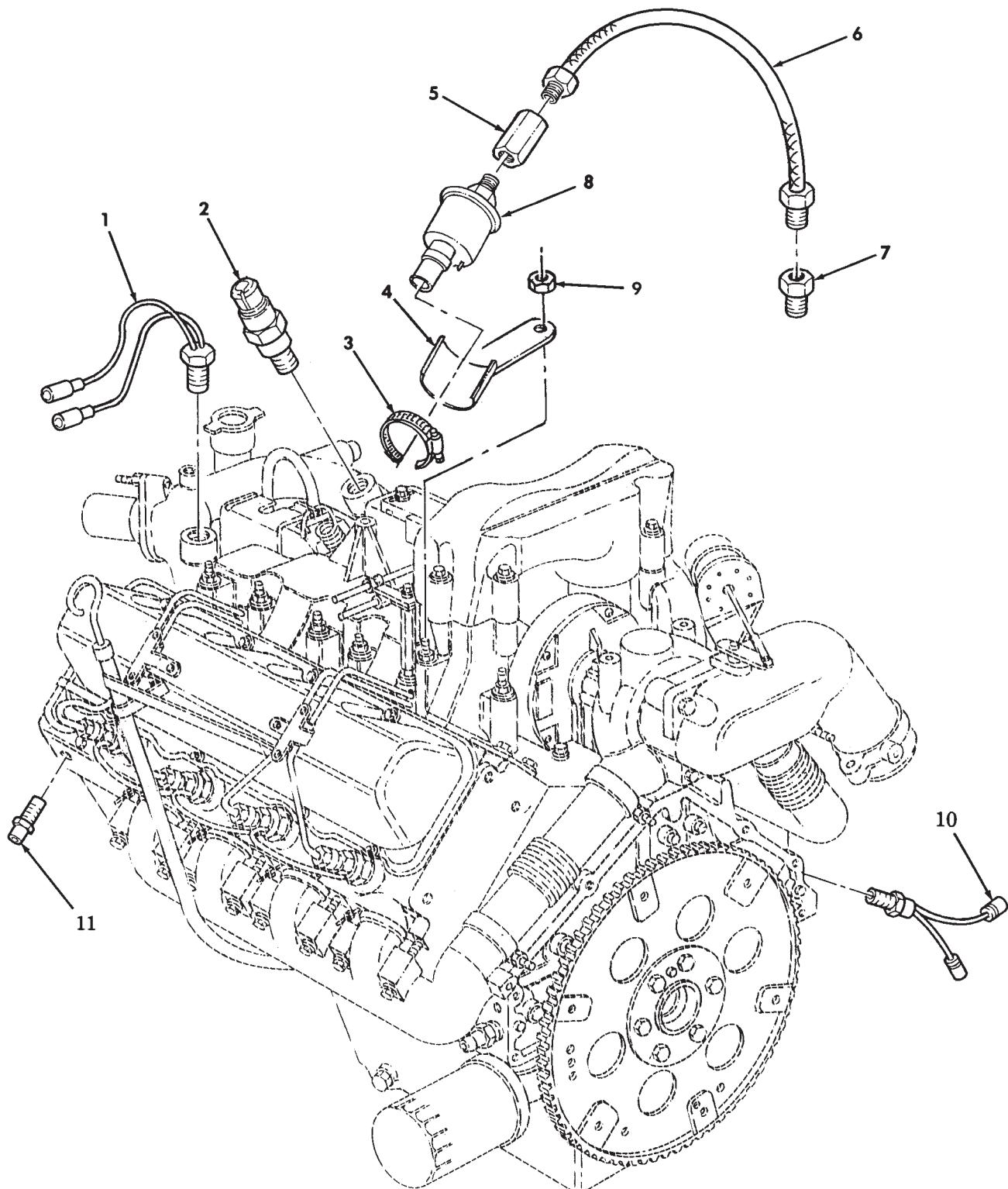


Figure 30. Sending Units (6.5L Turbo).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 0610 SENDING UNITS AND WARNING SWITCHES	
					FIG 30 SENDING UNITS (6.5L TURBO)	
1	PAOZZ	5930012377322	19207	12338599	SWITCH, THERMOSTATIC FAN.....	1
2	PAOZZ	2920011757214	19207	12338772	UOC:XAA,XBB	
2	PAOZZ	2920014696903	19207	12469158-2	CONTROL UNIT, BREAKER GLOW PLUG	1
3	PAOZZ	4730010894596	24161	32028	CONTROLLER, USE WITH P/N 12446779,	
4	PAOZZ	5340014561502	34623	RCSK18088	M1113 AND 4660691, M1114 ONLY.....	
5	PAOZZ	4730011876892	01276	2096-4S	UOC:XAA,XBB	
6	PAOZZ	4720015053475	34623	5715342	CLAMP, HOSE.....	1
7	PAOZZ	4730002891254	79470	200X6	UOC:XAA,XBB	
8	PAOZZ	6620009935546	96906	MS24539	BRACKET, MOUNTING.....	1
9	PAOZZ	5310011552503	7X677	11514603	COUPLING, PIPE.....	1
10	PAOZZ	5930011836637	19207	12338596	HOSE ASSEMBLY.....	1
11	PAOZZ	6620011946586	09527	TS6058	ADAPTER, STRAIGHT PI.....	1
					UOC:XAA,XBB	
					TRANSMITTER, PRESSUR.....	1
					UOC:XAA,XBB	
					NUT, PLAIN, HEXAGON #10-1.5 MM.....	1
					UOC:XAA,XBB	
					SWITCH, THERMOSTATIC COLD ADVANCE...	1
					UOC:XAA,XBB	
					TRANSMITTER, ENGINE COOLANT	
					TEMPERATURE.....	
					UOC:XAA,XBB	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

USE WITH A2 VEHICLES

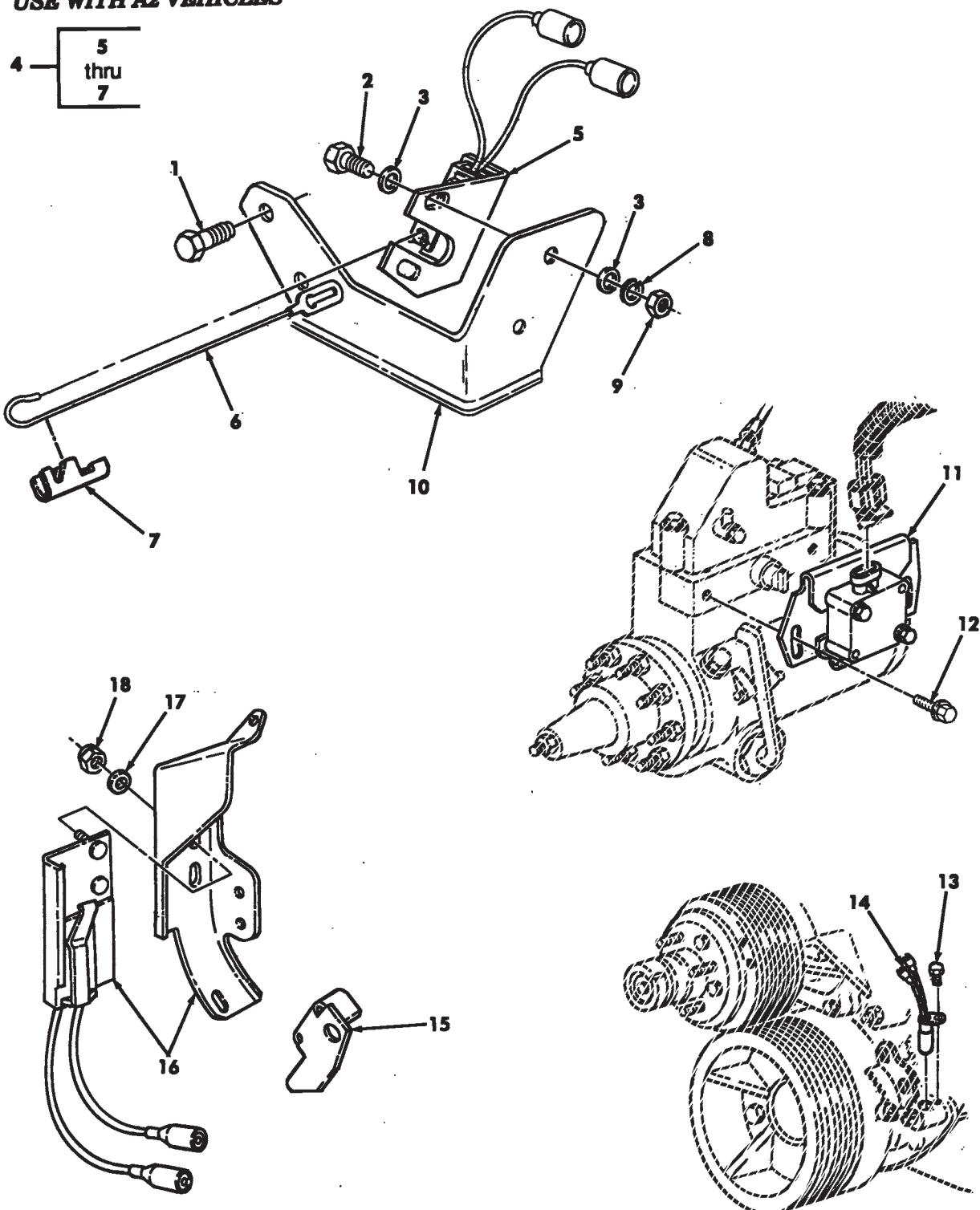


Figure 31. Fan Cut-Off Switch, Throttle Position Sensor, and Engine Speed Sensor.

(1) ITEM NO	(2) SMR CODE	(3) NSN	TM9-2815-237-34P (4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	0032 00 (7) QTY
1	PAOZZ	5305012542521	7X677	11500827	GROUP 0610 SENDING UNIT AND WARNING SWITCHES	
2	PAOZZ	5306000680513	18876	PMS90727001-06	FIG. 31 FAN CUT-OFF SWITCH, THROTTLE POSITION SENSOR AND ENGINE SPEED SENSOR	
3	PAOZZ	5310008238804	96906	MS27183-9		
4	PAOZZ	5930014122836	19207	12460123		
5	PAOZZ	5930011998853	19207	12339494	SCREW,CAP,HEXAGON H.....	2
6	PAOZZ	3040014114191	19207	12460124	UOC:BVY,B15,B20,B24,B25,C17,NNN	
7	PAOZZ	5340014391156	34623	12460160	BOLT,MACHINE.....	2
8	PAOZZ	5310005825965	96906	MS35338-44	UOC:BVY,B15,B20,B24,B25,C17,NNN	
9	PAOZZ	5310002978836	72915	120613	WASHER,FLAT 1/4.....	4
10	PAOZZ	5340014738626	19207	12460125	UOC:BVY,B15,B20,B24,B25,C17,NNN	
11	PAOZZ	2990014264425	7X677	12554488	SWITCH,SENSITIVE FAN CUT-OFF.....	1
12	PAOZZ	5306014228649	7X677	23500801	CONNECTING LINK,RIG.....	1
13	PAOZZ	5306011857051	7X677	11504986	UOC:BVY,B15,B20,B24,B25,C17,NNN	
14	PAOZZ	2815014558424	7X677	12554092	CLIP,FAN SWITCH.....	1
15	PAOZZ	5340014330931	7X677	12460514	UOC:BVY,B15,B20,B24,B25,C17,NNN	
16	PAOZZ	5930014333142	19207	12460518	BRACKET,ANGLE.....	1
17	PAOZZ	5310013611163	24617	9417373	UOC:BVY,B15,B20,B24,B25,C17,NNN	
18	PAOZZ	5310002514503	24617	9411893	THROTTLE SOLENOID,E POSITION.....	1
					UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	
					BOLT,MACHINE.....	2
					UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	
					BOLT,MACHINE #8-1.25 X 14 MM.....	1
					UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	
					SPEED SENSOR,DIESEL.....	1
					UOC:BVY,B15,B20,B24,B25,C17,NNN,XAA,XBB	
					BRACKET,MOUNTING.....	1
					UOC:XAA,XBB	
					SWITCH,SENSITIVE FAN CUT-OFF.....	1
					UOC:XAA,XBB	
					WASHER,FLAT #10.....	2
					UOC:XAA,XBB	
					NUT,LOCK #10-32.....	2
					UOC:XAA,XBB	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

USE WITH BASIC AND A1 VEHICLES

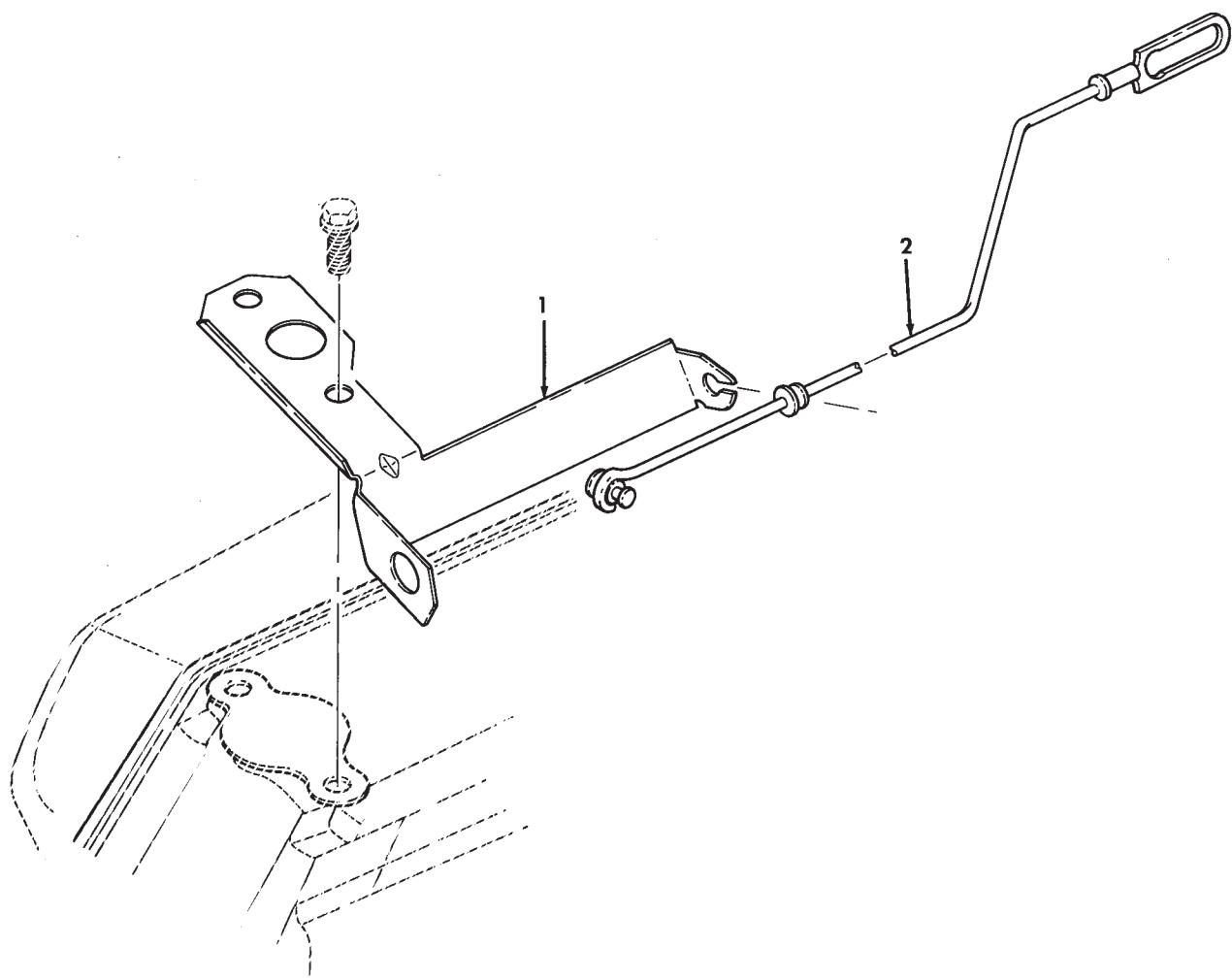


Figure 32. Modulator Rod Assembly and Bracket (6.2L and 6.5L Detuned).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 07 TRANSMISSION 0705 TRANSMISSION SHIFTING COMPONENTS	
					FIG. 32 MODULATOR ROD ASSEMBLY AND BRACKET (6.2L AND 6.5L DETUNED)	
1	PAFZZ	5342012127133	19207	12339141	BRACKET,ELECTRICAL..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1
2	PAFZZ	3040012184730	19207	12339149	CONNECTING LINK,RIG..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

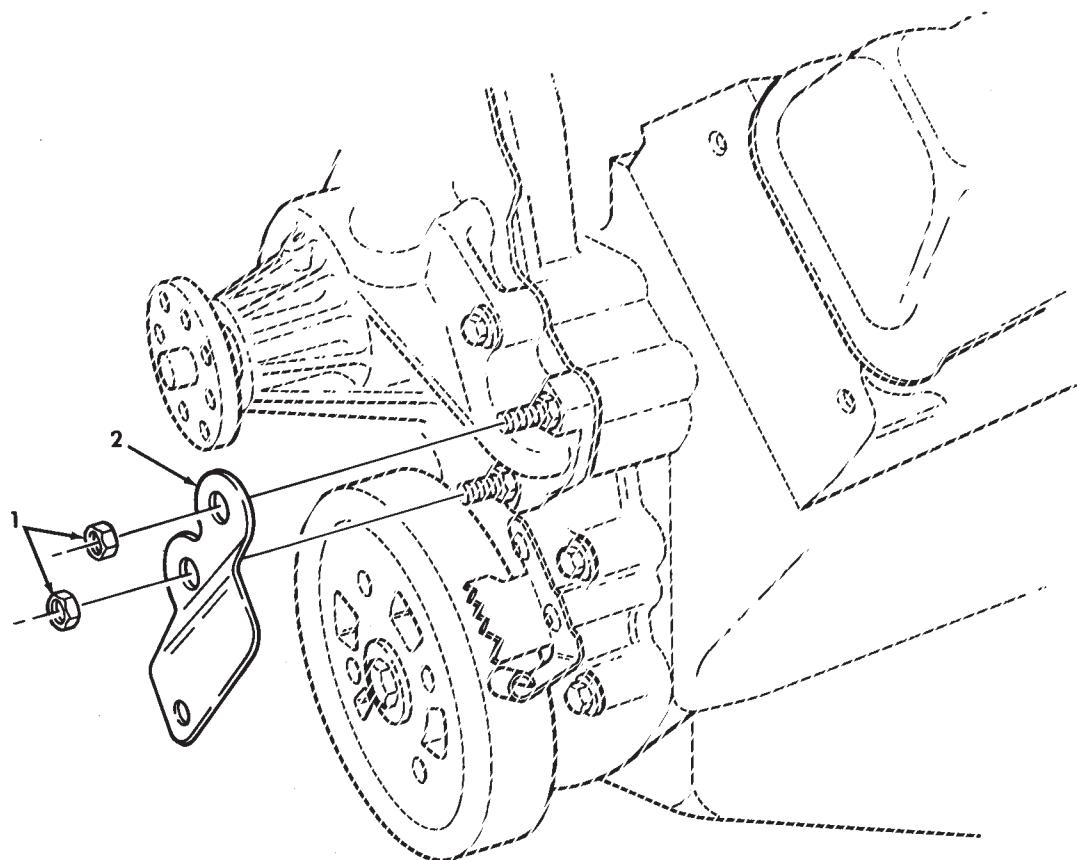


Figure 33. Power Steering Pump Support Bracket (6.2L and 6.5L Detuned).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 14 STEERING 1410 HYDRAULIC PUMP OR FLUID MOTOR ASSEMBLY	
					FIG. 33 POWER STEERING PUMP SUPPORT BRACKET (6.2L AND 6.5L DETUNED)	
1	PAOZZ	5310011272456	K1076	9145-105-00B	NUT,PLAIN,HEXAGON 10-1.5 MM..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	2
2	PAOZZ	2590012073696	19207	12338774	BRACKET,VEHICULAR C..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	1

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

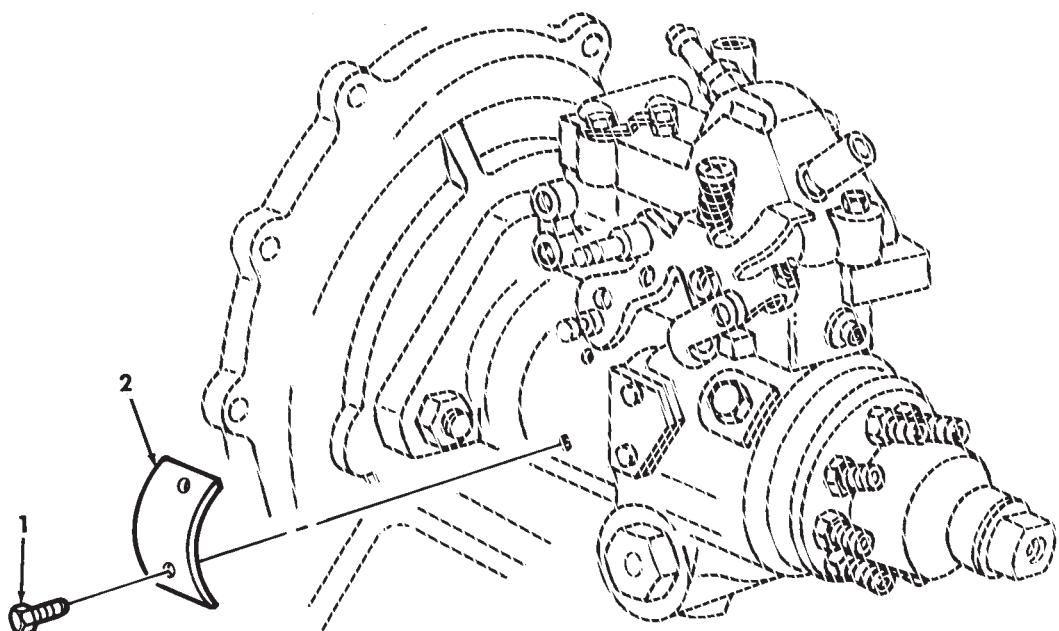


Figure 34. Data Plates.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 22 ACCESSORY ITEMS 2210 DATA PLATES AND INSTRUCTION HOLDERS	
					FIG. 34 DATA PLATES	
1	PAHZZ	5305011904555	84760	24419	SCREW,TAPPING.....	2
2	PBHZZ	9905004736379	84760	10394	PLATE,IDENTIFICATIO.....	1

END OF FIGURE

TM9-2815-237-34P				0036 00		
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
GROUP 94 REPAIR PARTS KITS 9401 REPAIR PARTS KITS						
FIG. KITS						
1 PAFZZ 5330013311207 7X677 12514590	GASKET SET 6.2 LITER, LOWER HALF ENGINE OVERHAUL..... UOC:A11,A20,A24,H11,H13,H14,H15,H16, H17,H18,H20,H21,H24,H25,H26,H27,H28, MMM,XAA,XBB					1
	GASKET (1) 9-7 GASKET (1) 16-2 GASKET (1) 16-4 GASKET (1) 17-1 GASKET (1) 18-1 GASKET (1) 27-4 SEAL,PLAIN,ENCASED (2) 3-5 SEAL,PLAIN ENCASED (1) 8-7					
2 PAOZZ 5330013788646 7X677 12514591-RB-1253 2530	GASKET SET 6.5L, ENGINE OVERHAUL.... LOWER HALF					1
	GASKET (1) 9-7 GASKET (1) 16-2 GASKET (1) 16-4 GASKET (1) 17-1 GASKET (1) 18-1 GASKET (1) 27-4 SEAL,PLAIN (1) 3-5 SEAL,PLAIN ENCASED (1) 8-7					
3 PAFZZ 5330013789264 7X677 12521443	PARTS KIT, SEAL REPL 6.2L CYLINDER HEAD,1990 AND ABOVE..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM					1
	GASKET (2) 2-4 GASKET (2) 2-8 GASKET (2) 11-6 GASKET (8) 15-2 GASKET (1) 26-2 GASKET (2) 26-9 SEAL INLET (16) 6-9 SEAL,PLAIN (8) 6-12					
4 PAOZZ 5330014379216 7X677 12531704	GASKET SET INTAKE MANIFOLD.....					1
	GASKET (2) 11-6 GASKET (2) 12-6					
5 PAFZZ 5330011647593 7X677 12531705	GASKET AND SEAL SET 6.2L CYLINDER HEAD,1990 AND BELOW.....					1
	GASKET (2) 2-4 GASKET (2) 2-8 GASKET (2) 11-6 GASKET (8) 15-2 GASKET (1) 26-2 GASKET (2) 26-9 SEAL INLET (16) 6-9					

TM9-2815-237-34P						0036 00	
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6)	(7)	
6	PAFZZ	2815013983727	7X677	12456409	PARTS KIT,CYLINDER HEAD.....	6.5L CYLINDER	1
					GASKET	(2) 2-4	
					GASKET	(2) 2-8	
					GASKET	(2) 11-6	
					GASKET) 2) 12-6	
					GASKET	(8) 15-2	
					GASKET	(1) 26-2	
					GASKET	(2) 26-9	
					SEAL,INLET	(16) 6-9	
					SEAL,PLAIN	(8) 6-12	
7	PAHZZ	3120014178084	01212	1496M	PARTS KIT,BEARING R	CAMSHAFT.....	1
					BEARING,SLEEVE	(1) 7-9	
					BEARING,SLEEVE	(1) 7-10	
					BEARING,SLEEVE	(1) 7-11	
					BEARING,SLEEVE	(1) 7-12	
					BEARING,SLEEVE	(1) 7-13	
8	PAHZZ	5340013341422	84760	26431	HARDWARE KIT,ELECTR	FUEL INJECTION	1
					PUMP COVER.....		
					LEAD,IGNITION,ENGIN	(1) 20-6	
					NUT,PLAIN,HEXAGON	(4) 20-8	
					NUT,SELF-LOCKING,HE	(2) 20-5	
					WASHER,FLAT	(4) 20-9	
					WASHER,LOCK	(1) 20-34	
					WASHER,LOCK	(5) 20-7	
					WASHER,SHOULDERED	(4) 20-10	
9	PAHZZ	2910012990473	84760	30405	PARTS KIT,METERING	FUEL INJECTION	1
					PUMP.....		
					GASKET	(1) 20-27	
					GASKET	(1) 22-13	
					GASKET	(1) 22-42	
					O-RING	(1) 20-12	
					O-RING	(2) 21-5	
					O-RING	(1) 21-35	
					O-RING	(1) 21-38	
					O-RING	(1) 22-13	
					O-RING	(1) 22-26	
					O-RING	(1) 22-36	
					PACKING,PREFORMED	(1) 21-21	
					PACKING,PREFORMED	(2) 22-5	
					PACKING,PREFORMED	(1) 22-6	
					PIN,GROOVED HEADLES	(1) 21-10	
					RING,RETAINING	(2) 21-13	
					RING,RETAINING	(1) 22-17	
					RING,RETAINING	(1) 22-20	
					RING,RETAINING	(1) 22-20	
					SEAL,DRAIN PLUG	(2) 21-20	
					SHIM	(1) 21-7	
					TUBE,INSULATING	(2) 20-19	
					TUBE,INSULATING	(2) 20-21	
					WASHER,FLAT	(1) 22-27	

END OF FIGURE

0036 00-2

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 95 GENERAL USE STANDARIZED PARTS	
					9501 BULK MATERIAL	
					FIG. BULK	
1	PAOZZ	4720011637833	24161	4219-3681	HOSE, NONMETALLIC 1/4 I.D., 1/2 O.D., V 25 FEET LONG.....	
2	PFOZZ	4720001393968	24161	4377	HOSE, NONMETALLIC 3/4 I.D., 1.00 O.D. V I.D., 1.00 O.D., 50 FEET LONG.....	
3	PAOZZ	4720009302231	96906	MS521304B203R	HOSE, NONMETALLIC 5/8 I.D. RUBBER... V	
4	PAOZZ	4720011595796	7X677	9438373	HOSE, NONMETALLIC 3/8 I.D., 5/8 O.D., V 25 FEET LONG.....	
5	PAOZZ	4720011557784	7X677	9438257	HOSE, NONMETALLIC 1/4 I.D., 1/2 O.D., V 25 FEET LONG.....	
6	PAOZZ	4720011560549	7X677	9439046	HOSE, NONMETALLIC 1/4 I.D., 25 FEET V LONG.....	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

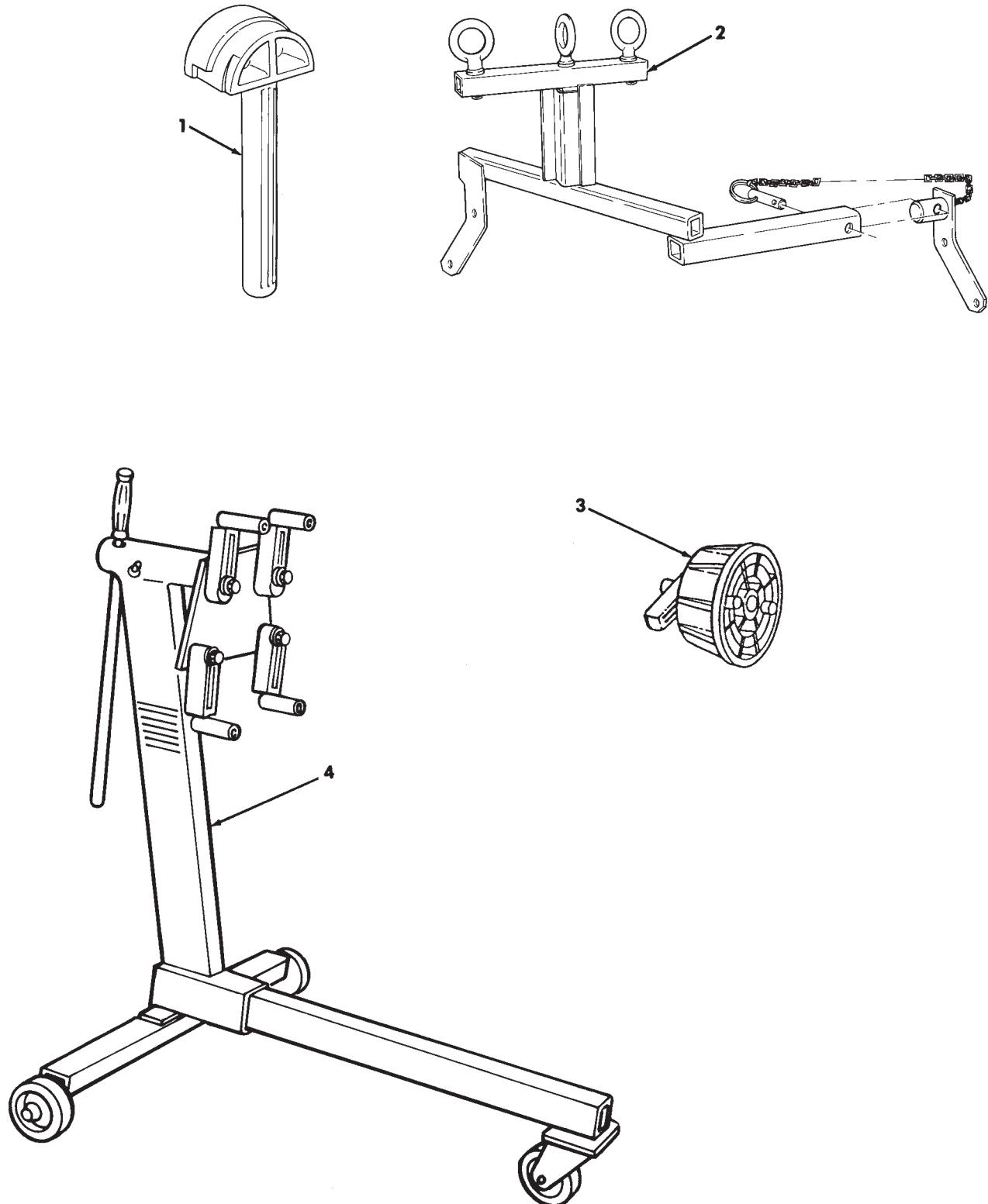


Figure 35. Special Tools.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 26 TOOLS AND TEST EQUIPMENT 2604 SPECIAL TOOLS	
1	PEHZZ	5120012108792	33287	J33153	FIG. 35 SPECIAL TOOLS	
2	PEFZZ	4910011937808	33287	J33139	INSTALLER,SEAL 6.2 LITER,REAR MAIN BOI:SEE PARA 5.I PART OF KIT P/N 57K0266..... UOC:AVY,A11,A13,A14,A15,A20,A24,A25, A26,A27,B16,B17,B18,HVY,H11,H13,H14, H15,H16,H17,H18,H20,H21,H24,H25,H26, H27,H28,MMM	
3	PEHZZ	5120014220334	33287	J-39084	SLING,ENGINE AND TR LIFTING,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268..... INSERTER,SEAL 6.5 LITER,REAR MAIN, BOI: SEE PARA. 5.I PART OF KIT P/N 57K3218.....	
4	PEHZZ	4910005060037	45225	1725-A	STAND,MAINTENANCE,A ENGINE,BOI: SEE PARA 5.I PART OF KIT P/N 57K0266....	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

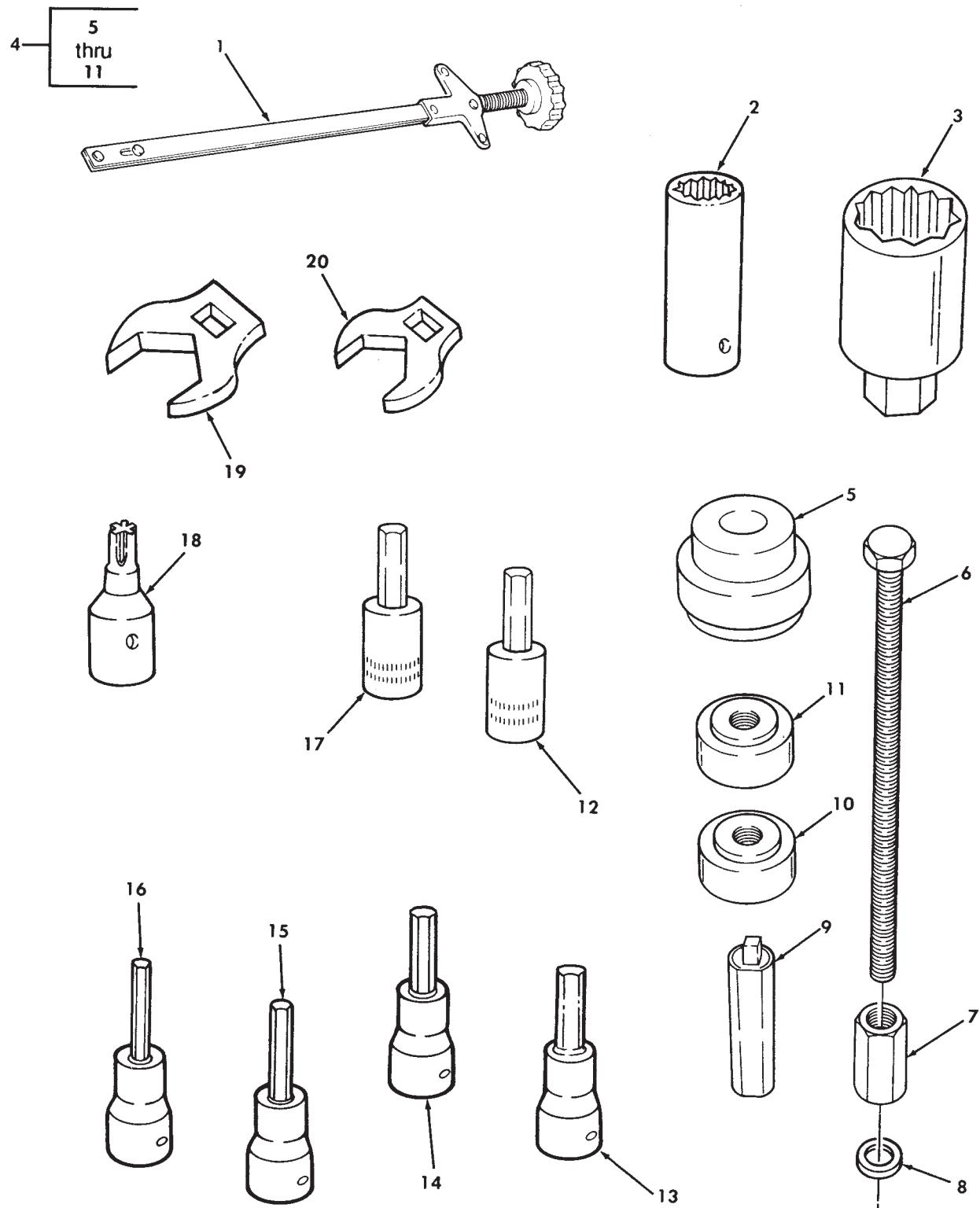


Figure 36. Special Tools.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 2604 SPECIAL TOOLS	
					FIG. 36 SPECIAL TOOLS	
1	PEFZZ	5120012096870	33287	J29834	LIFTER,VALVE SPRING BOI: SEE PARA.	
2	PEOZZ	5120001425152	96508	TL-12	5.I. PART OF KIT P/N 57K0268.....	
3	PEFZZ	5120011715233	25341	J-29873	SOCKET,SOCKET WRENC 12 POINT,3/8, 3X8 DRIVE,BOI: SEE PARA. 5.I.....	
4	PEHZZ	5120012063818	33287	J35178	SOCKET,SOCKET WRENC PART OF KIT P/N 357K0268.....	
5	PEHZZ	5120012481808	33287	J35178-1	PULLER,MECHANICAL CAMSHAFT BEARING, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0266.....	
6	PEHZZ	5306012545465	33287	J6098-3	.ADAPTER,MECHANICAL.....	
7	PEHZZ	5310012533148	33287	J6098-5	.ROD,CONTINUOUS THRE.....	
8	PEHZZ	5310002059078	75638	6805	.NUT,PLAIN,HEXAGON.....	
9	PEHZZ	5120012474749	33287	J6098-4	.WASHER,FLAT.....	
10	PEHZZ	5120012481809	33287	J6098-11	.HANDLE,DRIVER.....	
11	PEHZZ	5120012481810	33287	J6098-12	.ADAPTER,MECHANICAL.....	
12	PEOZZ	5120010551308	55719	FAM6A	.ADAPTER,MECHANICAL.....	
13	PEFZZ	5120013673456	55719	FA5E	SCREWDRIVER ATTACHM 6MM,3/8 DRIVE, BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
14	PEOZZ	5120005968508	95021	V8508	SCREWDRIVER ATTACHM DRIVE,5/32 IN, 3/8 IN SQ DR,BOI: SEE PARA. 5.I.	
15	PEOZZ	5120013673477	55719	FA10E	PART OF KIT P/N 57K0268.....	
16	XDOZZ		95021	4080-08	SCREWDRIVER ATTACHM HEX DRIVE,1/4 IN,3/8 IN SQ DR,BOI: SEE PARA. 5.I.	
17	PEOZZ	5120010534159	55719	FAM8A	PART OF KIT P/N 57K0267.....	
18	PEHZZ	5120010781899	84760	22939	SCREWDRIVER ATTACHM HEX,5/16,3/8 DRIVE,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
19	PEFZZ	5120012309421	33287	J35160	SCREWDRIVER ATTACHM HEX,8 MM,3/8 DRIVE,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0267.....	
20	PEFZZ	5120012428165	33287	J35159	SCREWDRIVER ATTACHM TORX,T27,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0266.....	
					CROWFOOT ATTACHMENT 19 MM,1/2 DRIVE,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	
					CROWFOOT ATTACHMENT 16 MM,3/8 DRIVE,BOI: SEE PARA. 5.I. PART OF KIT P/N 57K0268.....	

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER**

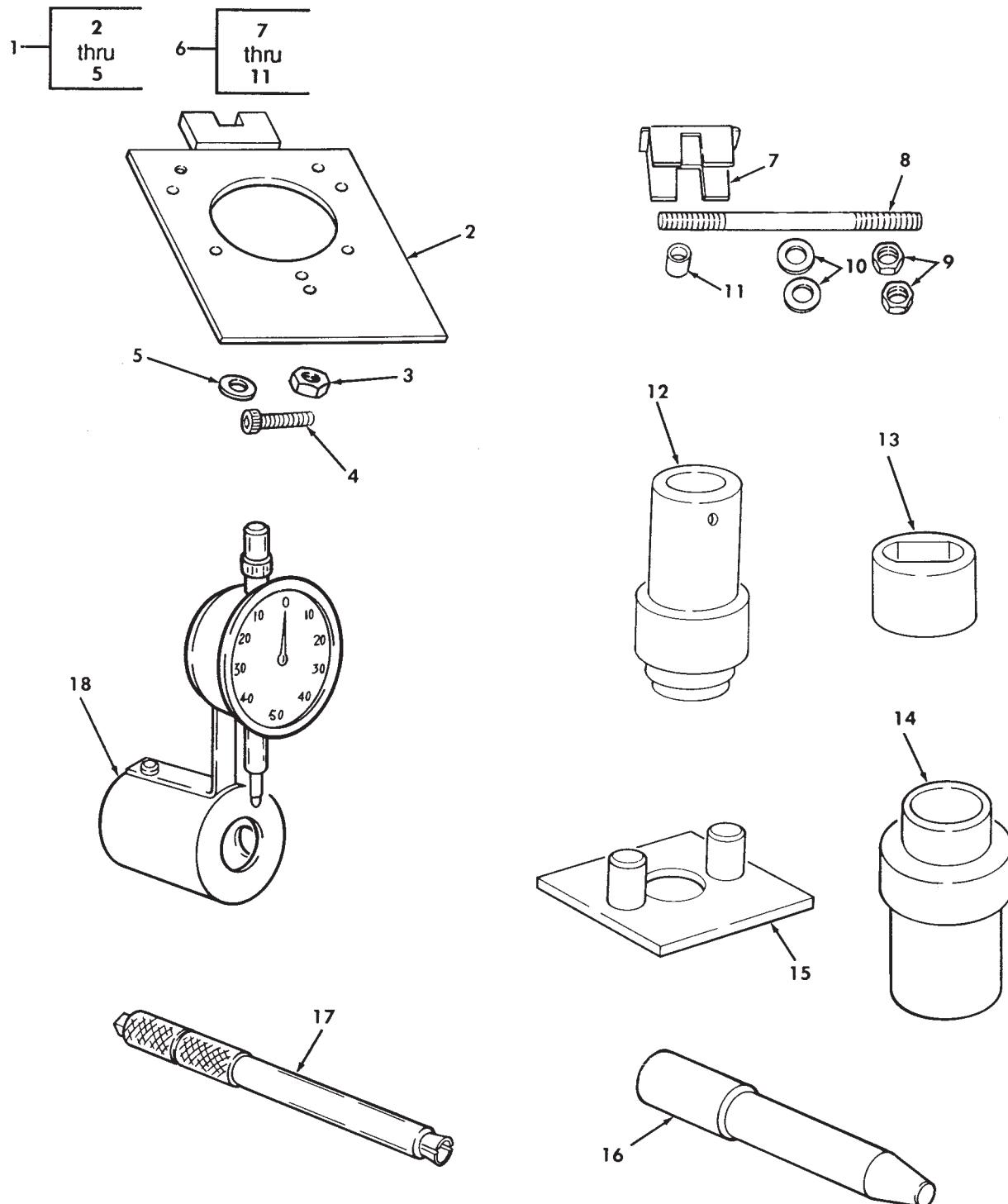


Figure 37. Special Tools.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 2604 SPECIAL TOOLS						
FIG. 37 SPECIAL TOOLS						
1	PEHZZ	5120012087753	78514	23615	FIXTURE ASSEMBLY,HO HOLDER, INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	0040 00
2	XAHZZ		78514	23614	.PLATE ASSEMBLY.....	(7)
3	PAHZZ	5310012597433	78514	13382	.NUT,PLAIN,HEXAGON.....	
4	PAHZZ	5305012536508	78514	13396	.SCREW,CAP,SOCKET HE.....	
5	PAHZZ	5310012582639	84760	10498	.WASHER,FLAT.....	
6	PEHZZ	5180011890448	84760	18411	TOOL KIT,BUSHING THROTTLE SHAFT INSTALLER,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
7	PFHZZ	5120012511901	84760	17787	.BRACE,INSTALLER.....	
8	PAHZZ	5306012552630	84760	17777	.ROD,THREADED END.....	
9	PAHZZ	5310012579034	84760	15385	.NUT,PLAIN,HEXAGON.....	
10	PAHZZ	5310012579101	84760	15384	.WASHER,FLAT.....	
11	PAHZZ	3120012559328	84760	15383	.BUSHING,SLEEVE.....	
12	PEHZZ	5120012081767	84760	16314	REMOVAL TOOL FUEL INJECTION PUMP PILOT TUBE,BOI: SEE PARA 5.I PART OF KIT P/N 57K0266.....	
13	PEHZZ	5120012075563	78514	20548	WRENCH,END CAP INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
14	PEHZZ	5120012087771	78514	23805	INSERTER,BEARING AN INJECTION PUMP, BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
15	PEHZZ	5120011970236	78514	16313	GOVERNOR ASSEMBLY ROTOR SUPPORT, INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
16	PEHZZ	5120012087752	78514	22727	INSTALLATION TOOL,D INJECTION PUMP DRIVE,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
17	PEHZZ	5120008167059	84760	26081	RETRACTOR ASSEMBLY DELIVERY VALVE, INJECTION PUMP,BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	
18	PEHZZ	5210012004526	84760	19969	INDICATOR,DIAL INJECTION PUMP, ROLLER TO ROLLER SETTING,BOI: SEE PARA. BOI: SEE PARA. 5.I PART OF KIT P/N 57K0266.....	

END OF FIGURE

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, DETUNED, 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, NATURALLY ASPIRATED, 6.2 AND 6.5 LITER
ENGINE DIESEL: 8 CYLINDER, TURBOCHARGED, 6.5 LITER

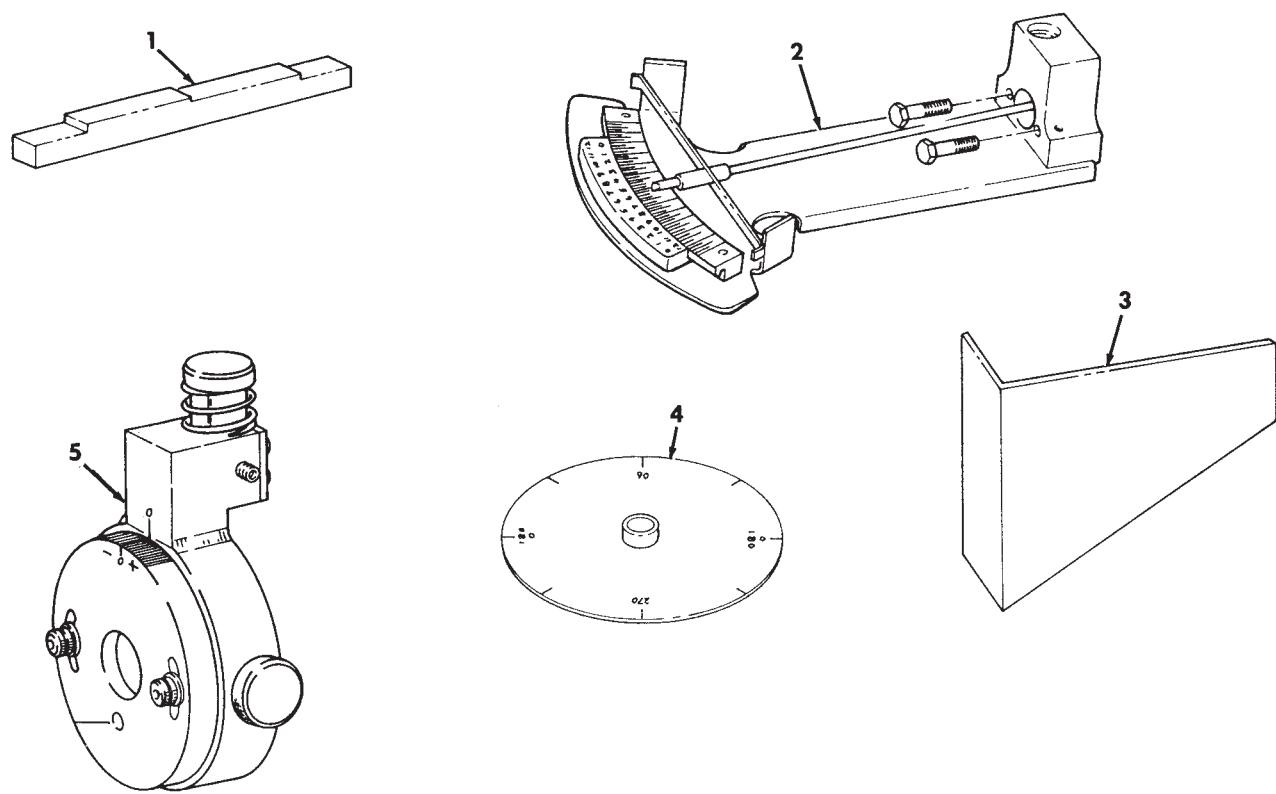


Figure 38. Special Tools.

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					GROUP 2604 SPECIAL TOOLS	
					FIG. 38 SPECIAL TOOLS	
1	PEHZZ	5210012490370	78514	23080	TOOL,LINKAGE GAP BOI: SEE PARA. 5.I	
2	PEHZZ	5210012490368	78514	23745	PART OF KIT P/N 57K0266.....	
3	PEHZZ	5210012490369	78514	23716	INDICATOR,AUTOMATIC BOI: SEE PARA.	
4	PEHZZ	6675012472286	78514	22089	5.I. PART OF KIT P/N 57K0266.....	
5	PEHZZ	5220012470361	78514	23715	GAGE,THROTTLE BOI: SEE PARA. 5.I	
					PART OF KIT P/N 57K0266.....	
					PROTRACTOR,CIRCULAR BOI: SEE PARA.	
					5.I. PART OF KIT P/N 57K0266.....	
					GAGE,COMPARATOR,AIR BOI: SEE PARA.	
					5.I. PART OF KIT P/N 57K0266.....	

END OF FIGURE

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
			5330-00-757-1680	22	5
			5305-00-781-3926	1	5
4730-00-014-2432	17	12	4820-00-786-3971	22	8
4730-00-014-2432	18	14	4820-00-786-3971	22	11
4730-00-044-4655	2	10	5325-00-804-2027	22	17
5305-00-052-6456	28	17	5310-00-809-3078	9	31
5306-00-068-0513	31	2	5310-00-809-4061	1	3
5310-00-080-6004	8	11	5310-00-809-4061	11	1
5310-00-080-6004	26	4	5120-00-816-7059	37	17
5310-00-080-6004	26	8	5306-00-819-3038	22	12
5330-00-107-3925	9	24	5310-00-823-8804	31	3
4720-00-139-3968	BULK	2	5315-00-828-5487	9	13
5120-00-142-5152	36	2	5310-00-830-7825	20	10
2910-00-148-6555	21	24	5310-00-841-1131	20	1
4730-00-150-6118	19	8	4730-00-871-6729	17	8
2805-00-155-7263	6	7	4730-00-871-6729	18	6
2805-00-155-7266	6	6	5365-00-877-4956	21	7
4730-00-187-4202	2	15	5340-00-881-5303	19	7
5310-00-190-0752	20	9	5360-00-887-1536	22	3
5310-00-205-9078	36	8	5315-00-887-1539	22	22
5305-00-207-3984	22	34	5360-00-900-2564	21	25
5310-00-251-4503	31	18	4730-00-908-6292	17	14
4730-00-289-1254	30	7	4730-00-908-6292	18	16
5310-00-297-8836	31	9	4730-00-911-5707	10	1
5360-00-335-9327	20	28	4720-00-930-2231	BULK	3
2805-00-336-1716	9	15	5310-00-934-9757	20	8
5305-00-366-3337	28	1	5310-00-988-2652	21	3
3120-00-393-4067	22	18	3120-00-993-4152	22	44
4730-00-444-8489	10	9	6620-00-993-5546	29	6
5340-00-449-6408	2	16	6620-00-993-5546	30	8
4730-00-459-6077	21	32	5120-01-053-4159	36	17
9905-00-473-6379	34	2	5120-01-055-1308	36	12
2910-00-493-2138	16	3	4730-01-066-1278	10	9
4910-00-506-0037	35	4	5120-01-078-1899	36	18
5120-00-516-4979	36	16	4730-01-089-4596	30	3
4730-00-541-0793	27	1	5331-01-107-4950	10	2
5305-00-543-2419	1	6	5330-01-112-1533	16	2
5310-00-559-0070	20	7	2920-01-117-3251	20	6
5310-00-582-5765	20	5	2910-01-117-7252	22	19
5310-00-582-5965	31	8	5310-01-118-2248	20	34
5120-00-596-8508	36	14	5305-01-118-4114	20	3
5325-00-598-1428	22	20	5310-01-127-2456	33	1
5310-00-637-9541	1	4	5342-01-130-1141	18	12
5310-00-637-9541	28	14	2805-01-142-2631	6	15
5331-00-641-8283	22	13	6620-01-146-8006	26	1
4730-00-728-2393	10	10	2930-01-147-4198	26	3
2805-00-752-0158	6	8	2815-01-147-4200	6	18

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
2815-01-147-4201	6	19	5306-01-149-6280	11	5
2590-01-147-4285	9	2	5306-01-149-6280	26	13
2930-01-147-8555	8	15	2805-01-149-7859	3	8
5310-01-147-8744	3	9	5340-01-149-7977	2	12
2815-01-147-9358	6	16	5306-01-149-9668	2	21
5330-01-147-9808	27	4	5305-01-149-9673	27	11
4710-01-148-2659	19	1	5315-01-149-9712	2	27
4730-01-148-2758	26	14	2815-01-150-0673	6	17
4730-01-148-2758	27	2	4730-01-150-0879	10	6
5306-01-148-3667	19	5	2910-01-150-0950	15	1
5305-01-148-3686	3	10	4710-01-150-0971	19	16
2815-01-148-3771	4	1	5330-01-150-1215	15	2
5305-01-148-5915	11	4	5307-01-150-1227	11	2
2815-01-148-6966	8	14	5365-01-150-1386	7	15
2815-01-148-6971	7	14	5305-01-150-1521	19	14
5306-01-148-7456	2	7	5307-01-150-1549	8	16
5305-01-148-7460	18	7	5307-01-150-1549	27	13
5340-01-148-7528	17	5	2815-01-150-2198	5	4
5340-01-148-7528	18	4	3020-01-150-2207	7	8
5340-01-148-7529	19	31	5340-01-150-4106	19	20
5306-01-148-8198	4	2	5330-01-150-5944	17	1
5340-01-148-8349	17	4	5330-01-150-5944	18	1
3020-01-148-8846	7	2	5307-01-150-5991	11	3
6680-01-148-8875	29	4	5307-01-150-5992	9	26
2815-01-148-9533	8	1	5307-01-150-5993	8	6
2815-01-148-9534	8	4	5340-01-150-6026	19	15
2815-01-148-9535	3	6	5340-01-150-6275	19	21
2815-01-148-9540	6	1	5330-01-150-7744	9	28
3020-01-148-9547	7	5	5340-01-150-7774	19	29
4710-01-148-9580	19	10	5307-01-150-9538	19	6
4710-01-148-9581	19	28	5305-01-150-9781	9	25
4710-01-148-9582	19	17	5315-01-151-4180	16	5
5310-01-149-0870	7	4	5306-01-151-4925	16	6
5330-01-149-0874	2	4	5325-01-151-6117	9	3
5330-01-149-0874	26	9	5340-01-151-9957	19	4
5305-01-149-1938	7	17	3120-01-152-1989	3	4
5305-01-149-1938	27	8	3120-01-152-2039	3	3
5306-01-149-4395	6	4	3120-01-152-2612	7	16
5306-01-149-4398	8	3	3120-01-152-4239	3	2
5306-01-149-4398	9	3	5306-01-152-4693	25	1
4710-01-149-5075	19	30	3120-01-152-5945	7	12
4710-01-149-5076	19	11	3120-01-152-5946	7	9
4710-01-149-5077	19	24	3120-01-152-8200	7	11
5315-01-149-5433	3	7	3120-01-152-8201	3	2
3020-01-149-5915	7	7	4710-01-153-1636	19	18
5306-01-149-6278	14	2	4820-01-153-1851	2	17
5306-01-149-6280	8	13	6615-01-153-1852	2	18

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
3120-01-153-7545	3	2	5306-01-165-5582	9	12
5365-01-154-1484	6	9	2815-01-165-8002	6	13
5365-01-154-4378	2	11	4820-01-165-9596	20	11
5330-01-154-7159	9	10	2815-01-166-0621	2	19
5307-01-154-9586	8	3	5342-01-166-1534	19	22
5310-01-155-2503	8	17	5340-01-166-5640	2	3
5310-01-155-2503	30	9	5315-01-167-5584	21	10
3120-01-155-3517	5	8	5340-01-167-7794	17	7
3020-01-155-5779	7	6	2930-01-168-7870	28	2
4720-01-155-7784	BULK	5	2815-01-168-7871	9	9
4720-01-156-0549	BULK	6	4730-01-168-7872	10	5
5330-01-156-5147	9	7	2815-01-168-7892	1	2
3120-01-157-0914	7	10	2910-01-168-7905	16	1
5330-01-157-6757	2	8	2815-01-168-7909	11	7
5310-01-157-6773	6	10	2815-01-168-7912	9	22
4720-01-159-5796	BULK	4	2815-01-168-7917	13	2
5340-01-159-6626	19	25	2815-01-168-7918	13	3
5340-01-159-8534	22	24	5120-01-171-5233	36	3
5340-01-159-8535	22	24	2815-01-172-6780	6	3
5340-01-159-8536	22	24	3120-01-173-3728	3	3
5342-01-160-4397	9	5	3120-01-175-3813	3	3
5325-01-160-4618	19	12	2920-01-175-7214	29	2
4710-01-161-0138	17	11	2920-01-175-7214	30	2
4710-01-161-0138	18	13	5360-01-175-7269	6	11
5365-01-162-3797	2	13	3120-01-177-3064	3	4
5305-01-162-7885	7	1	5307-01-178-7445	27	10
4730-01-163-3544	19	2	3120-01-181-7938	3	4
2815-01-163-7189	6	14	4820-01-182-1073	22	8
2815-01-163-7190	6	14	5340-01-182-1074	25	2
2815-01-163-7191	6	14	4730-01-182-6565	26	12
3040-01-163-7208	9	8	4730-01-182-6565	27	7
4720-01-163-7833	BULK	1	5331-01-183-0971	10	8
2815-01-163-7838	5	1	5930-01-183-6637	29	5
2815-01-163-9999	5	1	5930-01-183-6637	30	10
2815-01-164-0138	5	2	4720-01-184-0432	BULK	7
5305-01-164-6320	8	9	5330-01-184-6500	10	3
5340-01-164-6436	2	5	5940-01-185-1122	20	15
4730-01-164-7028	11	8	4710-01-185-6179	17	3
2815-01-164-7948	2	2	4710-01-185-6179	18	3
5360-01-165-1563	9	16	5306-01-185-7051	31	13
5306-01-165-2425	5	5	5310-01-186-1254	1	3
5306-01-165-3310	8	12	5315-01-186-1352	2	14
5310-01-165-3331	9	30	5307-01-187-0519	9	17
5310-01-165-3331	19	26	5340-01-187-0892	19	27
5310-01-165-3333	5	7	4730-01-187-6892	30	5
5306-01-165-4283	26	6	4730-01-187-6929	10	4
3120-01-165-4826	5	8	5305-01-188-0489	22	45

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5305-01-188-0490	22	45	3110-01-188-7682	22	7
5305-01-188-0491	22	45	5307-01-188-9217	22	15
5305-01-188-0492	22	45	5180-01-189-0448	37	6
5305-01-188-0493	22	45	4820-01-189-0894	21	34
5305-01-188-0494	22	45	2910-01-189-0895	21	22
5315-01-188-0495	21	26	2930-01-189-1744	28	5
5315-01-188-0765	22	1	2910-01-189-1747	21	44
5315-01-188-0766	22	1	2910-01-189-1748	22	24
5365-01-188-0782	9	23	5315-01-189-2141	21	37
5365-01-188-0783	21	43	2910-01-189-2142	20	26
5365-01-188-0784	21	19	3040-01-189-2163	21	11
5365-01-188-0785	21	39	5360-01-189-3466	22	10
5360-01-188-0807	20	30	5360-01-189-3606	20	24
5305-01-188-0948	22	40	5360-01-189-3607	21	40
5325-01-188-0958	22	20	5305-01-189-3769	28	20
5325-01-188-0960	21	28	5310-01-189-8468	28	4
5325-01-188-0962	21	13	2930-01-189-8643	28	18
5365-01-188-0993	21	4	2910-01-189-8851	9	11
5340-01-188-3176	22	41	2910-01-190-0069	21	41
5945-01-188-3194	20	20	5315-01-190-0429	21	15
3040-01-188-3222	22	4	5945-01-190-3559	20	18
3040-01-188-3242	22	23	5305-01-190-4070	21	45
2910-01-188-3243	22	37	5305-01-190-4555	34	1
2910-01-188-3244	22	28	5310-01-190-4607	28	15
4820-01-188-3245	22	33	5305-01-190-5745	21	9
4820-01-188-3246	22	33	5307-01-190-5854	28	12
2910-01-188-3249	21	27	5360-01-190-6214	28	11
2910-01-188-3250	21	30	5360-01-190-6215	21	1
2910-01-188-3251	21	29	5305-01-191-0374	22	29
2910-01-188-3252	20	32	5310-01-191-0440	20	14
2910-01-188-3254	20	23	5315-01-191-3393	22	2
2910-01-188-3255	22	9	2910-01-191-8453	22	24
2910-01-188-3256	21	8	2910-01-191-8454	22	24
4320-01-188-3258	21	42	2910-01-191-8455	22	24
2920-01-188-3259	20	13	2910-01-191-8456	22	24
3040-01-188-3261	22	39	2910-01-191-8457	22	24
2520-01-188-3282	20	29	2910-01-191-8458	22	24
2930-01-188-3682	26	15	2910-01-191-8459	22	24
2920-01-188-3863	24	1	2910-01-191-8464	22	31
3020-01-188-3884	3	11	3040-01-192-4466	6	2
3020-01-188-3885	28	21	3040-01-192-4585	22	37
5305-01-188-6566	22	45	5330-01-192-5779	22	6
5305-01-188-6567	22	30	5340-01-192-6030	21	17
5305-01-188-6568	21	36	5331-01-192-8892	28	6
5360-01-188-6693	21	33	4910-01-193-7808	35	2
5310-01-188-6743	20	25	5330-01-194-0472	13	1
5360-01-188-6806	22	35	5310-01-194-0481	28	3

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5340-01-194-5294	9	14	5325-01-234-0447	5	3
6620-01-194-6586	29	7	5330-01-234-2615	20	27
6620-01-194-6586	30	11	5331-01-236-0472	21	35
5331-01-194-8966	28	10	5330-01-236-0474	21	21
2530-01-194-9868	20	16	5331-01-236-0475	22	36
5331-01-195-1500	28	9	5331-01-236-0476	22	26
5305-01-195-5818	13	6	5330-01-236-0488	22	13
5307-01-196-4717	9	26	5930-01-237-7322	29	1
2590-01-196-5228	9	1	5930-01-237-7322	30	1
5120-01-197-0236	37	15	3120-01-239-5132	22	24
5306-01-198-5515	2	22	5120-01-242-8165	36	20
2910-01-199-2355	17	2	5306-01-243-4650	1	6
5930-01-199-8853	31	5	5306-01-243-4650	9	4
5210-01-200-4526	37	18	2815-01-246-5069	2	2
5120-01-206-3818	36	4	2815-01-246-5268	5	2
4730-01-206-4810	10	10	2815-01-246-5269	5	2
2590-01-207-3696	33	2	5220-01-247-0361	38	5
5120-01-207-5563	37	13	3040-01-247-0893	22	4
5307-01-207-9004	27	9	3040-01-247-0914	21	42
5120-01-208-1767	37	12	6675-01-247-2286	38	4
5120-01-208-7752	37	16	5120-01-247-4749	36	9
5120-01-208-7753	37	1	5330-01-247-8438	28	7
5120-01-208-7771	37	14	5120-01-248-1808	36	5
5120-01-209-6870	36	1	5120-01-248-1809	36	10
5360-01-210-2852	25	3	5120-01-248-1810	36	11
2910-01-210-6938	22	43	5210-01-249-0368	38	2
5120-01-210-8792	35	1	5210-01-249-0369	38	3
5342-01-212-7133	32	1	5210-01-249-0370	38	1
3040-01-212-7616	6	5	5331-01-249-1629	3	5
5310-01-213-9964	20	2	5342-01-250-1098	17	13
5305-01-215-9425	21	2	5342-01-250-1098	18	15
5331-01-215-9638	21	5	5340-01-250-3240	20	17
5320-01-218-0721	27	6	5310-01-250-7679	9	20
3040-01-218-4730	32	2	5310-01-250-7679	17	6
5306-01-230-3354	9	21	5305-01-251-1626	7	3
4710-01-230-5611	20	19	5120-01-251-1901	37	7
4710-01-230-5611	20	21	5306-01-251-9188	3	12
4730-01-230-6353	26	16	5330-01-252-0461	28	13
2910-01-230-9007	21	24	5310-01-253-3148	36	7
5120-01-230-9421	36	19	5305-01-253-6508	37	4
2815-01-231-3672	1	1	5306-01-253-7073	9	19
2910-01-232-1044	21	23	5305-01-254-2521	31	1
5331-01-232-2145	20	12	5306-01-254-5465	36	6
5331-01-232-7886	21	38	5306-01-255-2630	37	8
5330-01-233-2778	21	20	3120-01-255-9328	37	11
5330-01-233-2848	22	42	4320-01-256-3698	21	42
5330-01-233-8597	21	18	2910-01-256-9157	20	33

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5310-01-257-9034	37	9	2910-01-326-9221	17	2
5310-01-257-9101	37	10	5330-01-331-1207	KITS	1
5310-01-258-2639	37	5	4730-01-334-0695	21	31
5310-01-259-7433	37	3	5340-01-334-1422	KITS	7
5360-01-260-5649	22	32	2930-01-353-5794	27	3
5305-01-260-5737	21	16	5305-01-360-1136	3	13
2815-01-265-7071	2	1	5310-01-361-1163	31	17
5310-01-266-6425	22	27	2910-01-363-8782	21	31
2910-01-280-4283	15	1	5120-01-367-3456	36	13
2910-01-299-0473	KITS	8	5120-01-367-3477	36	15
5315-01-304-9173	3	1	5330-01-372-0636	8	18
5315-01-304-9173	7	18	5330-01-378-8572	9	32
5330-01-310-6780	9	27	5330-01-378-8577	3	5
3020-01-313-0682	28	21	5330-01-378-8646	KITS	2
2815-01-313-4309	2	1	5330-01-378-9264	KITS	3
2815-01-314-4339	6	13	2910-01-379-3752	15	1
2815-01-314-4343	2	2	5340-01-384-9987	9	18
4710-01-314-4483	19	10	5305-01-397-6850	2	6
4710-01-314-4484	19	17	5305-01-397-6850	18	7
4710-01-314-4485	19	16	5330-01-398-3727	KITS	5
4710-01-314-4486	19	24	5330-01-398-3777	8	7
4710-01-314-4487	19	18	4330-01-398-8484	10	7
4710-01-314-4488	19	28	2815-01-398-8487	6	13
4710-01-314-4489	19	30	2815-01-399-1020	5	1
2815-01-314-5435	2	2	2910-01-399-1848	15	1
2815-01-314-6887	6	13	2815-01-406-6675	1	1
2815-01-314-7940	1	1	5305-01-410-8158	27	12
5307-01-315-3597	13	4	5306-01-410-8159	2	7
5330-01-315-7047	6	12	2815-01-410-9710	1	1
4710-01-316-0222	19	11	2815-01-411-2137	2	1
2910-01-316-2312	20	23	2815-01-411-2138	3	8
4820-01-316-2497	22	33	2815-01-411-3964	3	6
3040-01-317-0367	20	31	2815-01-411-3965	6	13
3040-01-317-0368	21	12	3040-01-411-4191	31	6
4820-01-317-0552	22	33	2990-01-411-6556	8	15
4320-01-317-0692	22	25	2990-01-411-7898	8	8
5365-01-317-4249	21	19	4710-01-411-8488	19	18
5307-01-317-6317	22	15	4710-01-411-8489	19	16
5360-01-317-8098	20	22	4710-01-411-8492	19	17
5360-01-317-9451	21	6	4710-01-412-1667	19	24
5310-01-318-1883	22	14	4710-01-412-1668	19	30
5365-01-318-1887	21	43	4710-01-412-1669	19	11
5360-01-318-1893	20	24	2815-01-412-2666	2	2
5360-01-318-1894	21	33	5930-01-412-2836	29	3
2815-01-319-1433	1	2	5930-01-412-2836	31	4
2990-01-320-8915	22	38	2815-01-412-6760	5	1
5306-01-321-3559	27	12	2815-01-412-8161	5	2

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
2815-01-412-8162	5	2	2815-01-437-1021	14	1
4710-01-412-8611	19	10	2990-01-437-1022	23	6
4710-01-412-8615	19	28	2815-01-437-1027	14	3
2815-01-413-1386	2	2	5340-01-437-4983	23	7
5360-01-413-7363	20	30	5330-01-437-9216	KITS	4
5325-01-413-7364	21	14	5307-01-438-2319	12	1
5360-01-413-7368	21	40	5306-01-438-2320	2	22
5340-01-414-0247	22	28	5306-01-438-2322	12	2
2910-01-414-0346	21	29	5340-01-439-1156	31	7
2910-01-414-1272	17	2	2815-01-439-5882	1	2
5305-01-414-3012	21	45	2815-01-439-6664	1	1
2910-01-414-5382	22	25	2815-01-439-6665	1	1
2910-01-414-6651	21	42	2815-01-439-6666	1	2
2910-01-414-7888	21	42	2815-01-439-8163	12	3
3120-01-414-9135	5	8	2815-01-439-8164	1	1
4810-01-415-9460	21	27	2950-01-439-8169	23	3
5340-01-415-9627	22	24	4820-01-440-7461	2	18
5340-01-415-9628	22	24	5340-01-440-9678	19	25
5340-01-415-9633	22	16	3020-01-442-7485	3	14
5360-01-416-6594	21	40	2815-01-442-8077	1	2
3120-01-417-8084	KITS	6	4730-01-444-0701	26	10
2815-01-418-6415	2	29	2930-01-444-6649	27	3
2815-01-420-4180	1	1	6685-01-444-9478	26	1
5120-01-422-0334	35	3	4730-01-445-2358	26	12
5306-01-422-8649	31	12	2910-01-445-9041	21	42
3120-01-423-3698	5	8	3040-01-445-9101	21	8
5330-01-425-5069	9	29	2815-01-446-9537	21	42
3020-01-425-5380	7	8	4710-01-446-9570	19	1
4320-01-425-6571	21	42	2815-01-449-5585	9	6
2990-01-426-4425	31	11	2815-01-453-7402	1	1
2815-01-430-2599	9	22	2815-01-453-7403	1	1
5340-01-433-0931	31	15	2815-01-453-7404	1	1
5930-01-433-3142	31	16	5365-01-455-7545	3	15
5340-01-433-4750	22	24	2815-01-455-8424	31	14
5340-01-433-4752	22	24	5340-01-456-1502	30	4
2910-01-434-8597	18	2	2815-01-456-2763	2	29
5330-01-434-8611	26	2	2815-01-456-2772	2	29
2815-01-435-1707	2	1	2815-01-456-2774	2	29
5306-01-435-5418	1	3	3120-01-459-3844	3	2
4730-01-436-5769	2	28	2930-01-460-7507	26	15
4820-01-436-9135	2	17	4710-01-460-9630	18	9
5330-01-437-0547	12	4	2815-01-461-7078	1	1
2815-01-437-1014	12	5	5310-01-461-8011	18	8
2815-01-437-1015	12	5	5340-01-462-3446	18	4
2815-01-437-1016	2	2	5310-01-462-4459	17	15
2815-01-437-1017	2	2	5310-01-462-4459	18	17
2990-01-437-1020	23	5	5307-01-465-5796	26	7

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
2910-01-467-9029	17	2	3110-01-477-3647	3	4
2910-01-467-9085	18	2	2815-01-480-7632	9	6
2815-01-469-2644	2	2	5330-01-484-1471	23	8
5340-01-469-2648	2	2	5330-01-485-6499	2	8
2920-01-469-6903	29	2	5306-01-486-2891	2	25
2920-01-469-6903	30	2	3020-01-488-5638	28	22
2815-01-472-6312	1	1	5306-01-491-9410	23	1
5331-01-472-8177	23	2	5307-01-492-5662	26	5
5330-01-472-8179	16	4	5306-01-492-5672	27	12
5340-01-472-8851	9	18	5310-01-492-9211	9	30
5340-01-472-8854	8	10	4710-01-493-1712	19	30
5340-01-473-8626	31	10	5340-01-493-2538	19	31
5330-01-476-3866	27	4	5340-01-493-2555	19	32
5340-01-476-5585	19	9	5340-01-493-2569	9	18
4930-01-477-3638	2	26	4730-01-493-3828	9	11
3120-01-477-3639	3	2	3120-01-493-4020	5	8
3110-01-477-3640	3	2	2815-01-493-4319	6	14
3110-01-477-3642	3	3	2815-01-494-9210	2	1
3110-01-477-3643	3	3	5306-01-497-4738	16	7
3110-01-477-3644	3	4	5305-01-502-2933	2	30
3110-01-477-3645	3	3	4710-01-502-5609	2	31
3110-01-477-3646	3	4	4720-01-505-3475	30	6

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
78225	AX2022-02	2590-01-196-5228	9	1
80204	B1821BH038C113N	5305-00-543-2419	1	6
80204	B1821BH038C275N	5305-00-781-3926	1	5
80204	B18231B10070N	5306-01-435-5418	1	3
0B0B1	CB1286P.25MM	3120-01-423-3698	5	8
07860	D21059-16	5310-00-080-6004	26	4
84760	DB2829-4523	2910-01-199-2355	17	2
84760	DB2829-4879	2910-01-326-9221	17	2
84760	DB2831-5079	2910-01-434-8597	18	2
84760	DB2831-5149	2910-01-414-1272	17	2
84760	DB2831-5209	2910-01-467-9029	17	2
84760	DB2831-5485	2910-01-467-9085	18	2
55719	FA10E	5120-01-367-3477	36	15
55719	FA5E	5120-01-367-3456	36	13
55719	FAM6A	5120-01-055-1308	36	12
55719	FAM8A	5120-01-053-4159	36	17
25341	J-29873	5120-01-171-5233	36	3
33287	J-39084	5120-01-422-0334	35	3
33287	J29834	5120-01-209-6870	36	1
33287	J33139	4910-01-193-7808	35	2
33287	J33153	5120-01-210-8792	35	1
33287	J35159	5120-01-242-8165	36	20
33287	J35160	5120-01-230-9421	36	19
33287	J35178	5120-01-206-3818	36	4
33287	J35178-1	5120-01-248-1808	36	5
33287	J6098-11	5120-01-248-1809	36	10
33287	J6098-12	5120-01-248-1810	36	11
33287	J6098-3	5306-01-254-5465	36	6
33287	J6098-4	5120-01-247-4749	36	9
33287	J6098-5	5310-01-253-3148	36	7
81349	M83461/1-020	5331-01-107-4950	10	2
81349	M83461/1-236	5331-01-183-0971	10	8
96906	MS16624-1093	5325-00-804-2027	22	17
80205	MS16996-10	5305-00-052-6456	28	17
96906	MS21333-45	5340-00-881-5303	19	7
96906	MS24539	6620-00-993-5546	29	6
		6620-00-993-5546	30	8
96906	MS27183-11	5310-00-809-3078	9	31
96906	MS27183-14	5310-00-080-6004	8	11
96906	MS27183-15	5310-00-809-4061	1	3
		5310-00-809-4061	11	1
96906	MS27183-9	5310-00-823-8804	31	3
96906	MS35333-38	5310-00-559-0070	20	7
96906	MS35338-44	5310-00-582-5965	31	8
96906	MS35338-46	5310-00-637-9541	1	4
		5310-00-637-9541	28	14
96906	MS35649-282	5310-00-934-9757	20	8
96906	MS35650-103	5310-00-988-2652	21	3
96906	MS35842-14	4730-00-908-6292	17	14
		4730-00-908-6292	18	16
96906	MS51500A10-6	4730-01-066-1278	10	9

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
96906	MS521304B203R	4720-00-930-2231	BULK	3
73165	OS34400	5330-01-310-6780	9	27
70040	PF1218	4330-01-398-8484	10	7
18876	PMS90727001-06	5306-00-068-0513	31	2
34623	RCSK17748	5365-01-455-7545	3	15
34623	RCSK17749	3020-01-442-7485	3	14
34623	RCSK17829	2815-01-439-8163	12	3
34623	RCSK18088	5340-01-456-1502	30	4
01RE3	SL-1152	2815-01-418-6415	2	29
01RE3	SL195	2815-01-456-2772	2	29
01RE3	SL195X	2815-01-456-2763	2	29
01RE3	SL295	2815-01-456-2774	2	29
96508	TL-12	5120-00-142-5152	36	2
09527	TS6058	6620-01-194-6586	29	7
		6620-01-194-6586	30	11
95021	V8508	5120-00-596-8508	36	14
81348	WW-P-471AASBCC	4730-00-187-4202	2	15
34623	05742118	5340-01-440-9678	19	25
81343	10-8070102BA	4730-00-444-8489	10	9
81343	10-8070302C	4730-01-206-4810	10	10
22787	10-9858	5310-00-190-0752	20	9
7X677	10000462	5340-00-449-6408	2	16
7X677	10049638	5305-01-410-8158	27	12
7X677	10114141	5330-01-112-1533	16	2
7X677	10137454	2815-01-314-6887	6	13
7X677	10137455	2815-01-314-4339	6	13
7X677	10137456	2815-01-165-8002	6	13
7X677	10137486	5330-01-150-5944	17	1
		5330-01-150-5944	18	1
7X677	10137488	5330-01-149-0874	2	4
		5330-01-149-0874	26	9
7X677	10137492	5330-01-147-9808	27	4
7X677	10149551	4710-01-314-4489	19	30
7X677	10149552	4710-01-314-4483	19	10
7X677	10149553	4710-01-314-4488	19	28
7X677	10149554	4710-01-316-0222	19	11
7X677	10149555	4710-01-314-4487	19	18
7X677	10149556	4710-01-314-4485	19	16
7X677	10149557	4710-01-314-4486	19	24
7X677	10149558	4710-01-314-4484	19	17
7X677	10149615		2	9
7X677	10149629	2815-01-437-1016	2	2
7X677	10149663	2815-01-398-8487	6	13
7X677	10149688	2815-01-314-5435	2	2
7X677	10154626	2815-01-411-3965	6	13
7X677	10154638	2990-01-411-7898	8	8
7X677	10154642		2	8
7X677	10154669	4710-01-493-1712	19	30
7X677	10154688	2815-01-411-2138	3	8
7X677	10154689	3020-01-425-5380	7	8
7X677	10163712	2815-01-313-4309	2	1

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	10163717	2815-01-314-4343	2	2
24617	10163726	2815-01-411-2137	2	1
7X677	10163736	5330-01-157-6757	2	8
7X677	10183926	5340-01-469-2648	2	2
7X677	10183956	4730-01-445-2358	26	12
7X677	10183978		2	20
7X677	10183996		19	23
7X677	10191497	5340-01-493-2555	19	32
7X677	10191640	5330-01-398-3777	8	7
7X677	10211661	5330-01-437-0547	12	4
7X677	10214034	2805-00-752-0158	6	8
7X677	10225180	5340-01-493-2538	19	31
7X677	10230425	2815-01-413-1386	2	2
7X677	10230426	2815-01-412-2666	2	2
7X677	10230567	2815-01-437-1017	2	2
24617	10231255	5340-01-472-8854	8	10
7X677	10233973	2910-01-399-1848	15	1
7X677	10236743	2815-01-437-1014	12	5
7X677	10236744	2815-01-437-1015	12	5
7X677	10238373	2815-01-437-1027	14	3
7X677	10238374	2815-01-437-1021	14	1
7X677	10239025	2990-01-437-1020	23	5
7X677	10239026	2990-01-437-1022	23	6
7X677	10243629		26	11
84760	10394	9905-00-473-6379	34	2
84760	10445	5325-00-598-1428	22	20
84760	10453	5330-00-757-1680	22	5
84760	10498	5310-01-258-2639	37	5
84760	10541	5360-00-887-1536	22	3
7X677	106751	5315-01-304-9173	7	18
84760	11057	2910-01-189-1748	22	24
84760	11058	2910-01-191-8453	22	24
84760	11059	2910-01-191-8454	22	24
84760	11060	2910-01-191-8455	22	24
84760	11062	2910-01-191-8456	22	24
84760	11063	2910-01-191-8457	22	24
84760	11064	2910-01-191-8458	22	24
84760	11065	2910-01-191-8459	22	24
84760	11066		22	24
84760	11067	5340-01-159-8534	22	24
84760	11068	5340-01-159-8535	22	24
84760	11069	5340-01-159-8536	22	24
75160	11070	3120-01-239-5132	22	24
84760	11072	5340-01-415-9627	22	24
84760	11073	5340-01-433-4750	22	24
84760	11074	5340-01-433-4752	22	24
84760	11075	5340-01-415-9628	22	24
84760	11141	5315-00-887-1539	22	22
84760	11175	5305-00-207-3984	22	34
84760	11331	5306-00-819-3038	22	12
24617	11500749	5310-01-165-3331	9	30

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
		5310-01-165-3331	19	26
7X677	11500815	5305-01-149-1938	27	8
7X677	11500827	5305-01-254-2521	31	1
24617	11500831	5306-01-165-4283	26	6
7X677	11500914	5306-01-149-4398	8	3
		5306-01-149-4398	9	3
7X677	11501032	5310-01-186-1254	1	3
24617	11502685	5305-01-397-6850	2	6
		5305-01-397-6850	18	7
7X677	11502804	5306-01-165-3310	8	12
7X677	11502850	5306-01-492-5672	27	12
7X677	11503617	5305-01-150-1521	19	14
7X677	11504512	5306-01-148-3667	19	5
7X677	11504595	5305-01-148-7460	18	7
7X677	11504596	5306-01-243-4650	1	6
		5306-01-243-4650	9	4
24617	11504986	5306-01-152-4693	25	1
7X677	11504986	5306-01-185-7051	31	13
73342	11505328	5305-01-360-1136	3	13
7X677	11508353	5306-01-253-7073	9	19
7X677	11508355	5306-01-149-4395	6	4
7X677	11508475	5306-01-491-9410	23	1
7X677	11508534	5306-01-230-3354	9	21
7X677	11508600	5306-01-165-5582	9	12
7X677	11509589	5305-01-149-1938	7	17
7X677	11509669	5306-01-151-4925	16	6
24617	1150967	5305-01-149-9673	27	11
7X677	11514596	5310-01-492-9211	9	30
7X677	11514603	5310-01-155-2503	8	17
		5310-01-155-2503	30	9
7X677	11516230	4730-01-444-0701	26	10
84760	11563	4820-00-786-3971	22	8
		4820-00-786-3971	22	11
84760	11582	5310-01-213-9964	20	2
19207	11663000	4730-00-150-6118	19	8
84760	11919	5360-00-335-9327	20	28
72915	120613	5310-00-297-8836	31	9
19207	12258931-2	6680-01-148-8875	29	4
19207	12273192	4730-00-871-6729	17	8
		4730-00-871-6729	18	6
7X677	12337836	5310-01-157-6773	6	10
7X677	12337902	5305-01-251-1626	7	3
7X677	12338119	5315-01-186-1352	2	14
19207	12338577	5340-01-476-5585	19	9
19207	12338596	5930-01-183-6637	29	5
		5930-01-183-6637	30	10
19207	12338599	5930-01-237-7322	29	1
		5930-01-237-7322	30	1
19207	12338770	2815-01-168-7892	1	2
19207	12338770-4	2815-01-319-1433	1	2
19207	12338772	2920-01-175-7214	29	2

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
		2920-01-175-7214	30	2
19207	12338774	2590-01-207-3696	33	2
19207	12338780	4730-01-168-7872	10	5
19207	12338781	3020-01-188-3885	28	21
19207	12338782	3020-01-313-0682	28	21
19207	12338787	2815-01-168-7918	13	3
19207	12338788	2815-01-168-7917	13	2
19207	12339141	5342-01-212-7133	32	1
19207	12339142	5340-01-182-1074	25	2
19207	12339149	3040-01-218-4730	32	2
19207	12339239-1	5305-01-195-5818	13	6
19207	12339240	5305-01-189-3769	28	20
19207	12339393	3020-01-188-3884	3	11
19207	12339406-3	5307-01-315-3597	13	4
19207	12339406-4	5307-01-465-5796	26	7
19207	12339410	4730-01-187-6929	10	4
19207	12339415	4730-01-230-6353	26	16
19207	12339491-1	5342-01-250-1098	17	13
		5342-01-250-1098	18	15
19207	12339492	5360-01-210-2852	25	3
19207	12339494	5930-01-199-8853	31	5
19207	12339890	5340-01-187-0892	19	27
19207	12340845-1	5306-01-251-9188	3	12
7X677	12369198	2815-01-399-1020	5	1
7X677	12369199	2815-01-412-6760	5	1
19207	12447108-1		1	2
7X677	12456133	5331-01-472-8177	23	2
7X677	12456409	5330-01-398-3727	KITS	5
19207	12460123	5930-01-412-2836	29	3
		5930-01-412-2836	31	4
19207	12460124	3040-01-411-4191	31	6
19207	12460125	5340-01-473-8626	31	10
34623	12460160	5340-01-439-1156	31	7
19207	12460163-1	2815-01-442-8077	1	2
19207	12460163-11		1	2
19207	12460163-3	2815-01-439-5882	1	2
19207	12460163-5		1	2
19207	12460163-7		1	2
19207	12460163-9		1	2
19207	12460477	2815-01-439-6666	1	2
19207	12460490		1	2
34623	12460514	5340-01-433-0931	31	15
19207	12460518	5930-01-433-3142	31	16
19207	12469048		1	2
19207	12469051		1	2
19207	12469087		1	2
19207	12469089		1	2
19207	12469158-2	2920-01-469-6903	29	2
		2920-01-469-6903	30	2
19207	12469160		1	2
19207	12469163		1	2

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
19207	12469444		1	2
19207	12469447		1	2
34623	12469472	3020-01-488-5638	28	22
84760	12500	5310-00-830-7825	20	10
7X677	12514574		27	5
7X677	12514590	5330-01-331-1207	KITS	1
7X677	12514591-RB-1253	5330-01-378-8646	KITS	2
	2530			
7X677	12517006	3120-01-155-3517	5	8
7X677	12517007	3120-01-493-4020	5	8
7X677	12521443	5330-01-378-9264	KITS	3
7X677	12522839	2815-01-148-9534	8	4
24617	12531692	3120-01-459-3844	3	2
7X677	12531693	3120-01-477-3639	3	2
7X677	12531694	3110-01-477-3640	3	2
7X677	12531695	3110-01-477-3642	3	3
7X677	12531696	3110-01-477-3645	3	3
7X677	12531697	3110-01-477-3643	3	3
7X677	12531698	3110-01-477-3644	3	4
7X677	12531699	3110-01-477-3646	3	4
7X677	12531700	3110-01-477-3647	3	4
7X677	12531702	3120-01-152-8201	3	2
7X677	12531704	5330-01-437-9216	KITS	4
7X677	12532429	2950-01-439-8169	23	3
7X677	12534772	2930-01-444-6649	27	3
7X677	12548430	4710-01-161-0138	17	11
		4710-01-161-0138	18	13
7X677	12550059	2815-01-412-8161	5	2
7X677	12550062	2815-01-412-8162	5	2
7X677	12550863	5310-01-462-4459	17	15
		5310-01-462-4459	18	17
24617	12550985	2815-01-469-2644	2	2
7X677	12551591	5330-01-434-8611	26	2
7X677	12551755	2815-01-430-2599	9	22
7X677	12552171	5306-01-486-2891	2	25
7X677	12553066	5307-01-438-2319	12	1
7X677	12553121		2	9
7X677	12553155	5340-01-437-4983	23	7
7X677	12553484		27	5
7X677	12553488	5330-01-476-3866	27	4
34623	12553673	4710-01-502-5609	2	31
7X677	12553853	2815-01-494-9210	2	1
7X677	12554091	2930-01-460-7507	26	15
7X677	12554092	2815-01-455-8424	31	14
7X677	12554094	4710-01-460-9630	18	9
7X677	12554344	5306-01-438-2322	12	2
7X677	12554488	2990-01-426-4425	31	11
7X677	12554517	5310-01-461-8011	18	8
7X677	12554629		18	5
7X677	12554808		19	13
7X677	12554835	4710-01-446-9570	19	1

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	12554844	4730-01-436-5769	2	28
7X677	12555490		2	9
7X677	12555504	4930-01-477-3638	2	26
7X677	12555547		2	9
7X677	12555549		2	9
7X677	12555733		11	6
			12	6
24617	12556031	5330-01-485-6499	2	8
7X677	12556822	2815-01-435-1707	2	1
7X677	12557358		2	9
7X677	12557708	5340-01-472-8851	9	18
7X677	12558081	5365-01-162-3797	2	13
7X677	12559337	6685-01-444-9478	26	1
7X677	12559369		2	9
7X677	12559372		2	9
7X677	12559800	4730-01-493-3828	9	11
7X677	12559801	5340-01-493-2569	9	18
7X677	12560223	5330-01-472-8179	16	4
7X677	12560960	2815-01-147-4200	6	18
7X677	12561306	5330-01-484-1471	23	8
7X677	12562637	2930-01-147-8555	8	15
7X677	12564564	2815-01-148-9533	8	1
7X677	12567769		9	9
78514	13382	5310-01-259-7433	37	3
78514	13396	5305-01-253-6508	37	4
24617	137397	4730-00-014-2432	17	12
		4730-00-014-2432	18	14
24617	138242	5305-00-366-3337	28	1
1RGD4	14002104	5305-01-502-2933	2	30
7X677	14003948	5305-01-164-6320	8	9
7X677	14003974	2805-01-142-2631	6	15
7X677	14022640	2815-01-147-4201	6	19
7X677	14022643	5365-01-150-1386	7	15
7X677	14022644	3120-01-152-2612	7	16
7X677	14022645	3020-01-149-5915	7	7
7X677	14022646	3020-01-150-2207	7	8
7X677	14022647	3020-01-155-5779	7	6
7X677	14022648	5310-01-149-0870	7	4
7X677	14022649	5330-01-156-5147	9	7
7X677	14022650	5342-01-160-4397	9	5
7X677	14022652	3020-01-148-8846	7	2
7X677	14022653	3020-01-148-9547	7	5
7X677	14022664		2	23
7X677	14022665		2	24
7X677	14022666		2	20
7X677	14022670	5315-01-149-9712	2	27
7X677	14022671	2805-01-149-7859	3	8
7X677	14022672	5305-01-148-3686	3	10
7X677	14022683	5330-01-150-7744	9	28
7X677	14022699	3040-01-163-7208	9	8
7X677	14022700	4730-01-150-0879	10	6

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	14024204		8	8
7X677	14025512	5360-01-175-7269	6	11
7X677	14025515	5365-01-154-1484	6	9
7X677	14025517	5340-01-166-5640	2	3
7X677	14025518	2815-01-164-7948	2	2
7X677	14025523	2815-01-150-2198	5	4
7X677	14025525		5	6
7X677	14025526	5306-01-165-2425	5	5
7X677	14025527	5310-01-165-3333	5	7
7X677	14025557	5330-01-150-1215	15	2
7X677	14028918	2930-01-147-4198	26	3
7X677	14028922	5306-01-149-6278	14	2
7X677	14028942	5325-01-151-6117	9	3
7X677	14032383	5340-01-462-3446	18	4
7X677	14033818	5307-01-154-9586	8	3
7X677	14033820	2815-01-148-6966	8	14
7X677	14033824	5340-01-159-6626	19	25
7X677	14033895	5340-01-151-9957	19	4
7X677	14033896	5340-01-148-8349	17	4
7X677	14033911	4710-01-149-5075	19	30
7X677	14033912	4710-01-148-9580	19	10
7X677	14033913	4710-01-148-9581	19	28
7X677	14033914	4710-01-149-5076	19	11
7X677	14033915	4710-01-153-1636	19	18
7X677	14033916	4710-01-150-0971	19	16
7X677	14033917	4710-01-149-5077	19	24
7X677	14033918	4710-01-148-9582	19	17
7X677	14033921	5340-01-150-4106	19	20
7X677	14033922	5340-01-150-6275	19	21
7X677	14033927	2815-01-163-7189	6	14
7X677	14033946	5307-01-150-1227	11	2
7X677	14033953	5340-01-150-7774	19	29
7X677	14033955	5340-01-150-6026	19	15
7X677	14042575	2805-00-155-7263	6	7
7X677	14045263	5307-01-150-1549	8	16
		5307-01-150-1549	27	13
7X677	14045274	5340-01-164-6436	2	5
7X677	14048453		7	13
7X677	14048454	3120-01-152-5945	7	12
7X677	14048455	3120-01-152-8200	7	11
7X677	14048456	3120-01-157-0914	7	10
7X677	14048457	3120-01-152-5946	7	9
7X677	14050425	5315-01-151-4180	16	5
7X677	14050444	4730-01-164-7028	11	8
7X677	14050658	2815-01-163-7190	6	14
7X677	14050659	2815-01-163-7191	6	14
7X677	14053400	3120-01-173-3728	3	3
7X677	14055002	3120-01-152-1989	3	4
7X677	14055003	3120-01-177-3064	3	4
7X677	14055004	3120-01-181-7938	3	4
7X677	14057296	2815-01-172-6780	6	3

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	14059057	2910-01-150-0950	15	1
7X677	14061569	4710-01-148-2659	19	1
7X677	14063340	5340-01-167-7794	17	7
7X677	14063606	2910-01-280-4283	15	1
7X677	14066301	5342-01-166-1534	19	22
7X677	14066305	4720-01-184-0432	BULK	7
7X677	14066305-AR		19	9
7X677	14066307	5307-01-150-5992	9	26
7X677	14066308	2815-01-148-6971	7	14
7X677	14066310	2815-01-166-0621	2	19
7X677	14069540	2815-01-246-5069	2	2
7X677	14071059	2590-01-147-4285	9	2
7X677	14071072	2815-01-265-7071	2	1
7X677	14071080	5307-01-178-7445	27	10
7X677	14077122	6620-01-146-8006	26	1
7X677	14077157	2815-01-148-3771	4	1
7X677	14077192	5306-01-149-9668	2	21
7X677	14077193	5306-01-148-7456	2	7
7X677	14077194	5306-01-410-8159	2	7
7X677	14077195	5306-01-198-5515	2	22
7X677	14079550	5330-00-107-3925	9	24
7X677	14098631	4710-01-412-1668	19	30
7X677	14098632	4710-01-412-8611	19	10
7X677	14098633	4710-01-412-8615	19	28
7X677	14098634	4710-01-412-1669	19	11
7X677	14098635	4710-01-411-8488	19	18
7X677	14098636	4710-01-411-8489	19	16
7X677	14098637	4710-01-412-1667	19	24
34623	14098638	4710-01-411-8492	19	17
84760	14408	5365-00-877-4956	21	7
01212	1496M	3120-01-417-8084	KITS	6
84760	15093	3120-00-993-4152	22	44
84760	15228	4730-00-459-6077	21	32
84760	15383	3120-01-255-9328	37	11
84760	15384	5310-01-257-9101	37	10
84760	15385	5310-01-257-9034	37	9
7X677	15537018	2815-01-163-7838	5	1
7X677	15537020	2815-01-163-9999	5	1
7X677	15620999	4730-01-163-3544	19	2
84760	15699	5360-00-900-2564	21	25
7X677	15728526	5305-01-148-5915	11	4
78514	16313	5120-01-197-0236	37	15
84760	16314	5120-01-208-1767	37	12
7X677	1635490	5306-01-149-6280	8	13
		5306-01-149-6280	11	5
		5306-01-149-6280	26	13
45225	1725-A	4910-00-506-0037	35	4
84760	17777	5306-01-255-2630	37	8
84760	17787	5120-01-251-1901	37	7
7X677	18009095	3120-01-165-4826	5	8
7X677	18009096	3120-01-152-4239	3	2

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	18009098	3120-01-153-7545	3	2
84760	18021	2910-01-189-2142	20	26
84760	18411	5180-01-189-0448	37	6
84760	18493	5310-01-118-2248	20	34
7X677	193620	5320-01-218-0721	27	6
84760	19837	5315-01-188-0495	21	26
84760	19895	4820-01-189-0894	21	34
84760	19969	5210-01-200-4526	37	18
79470	200X6	4730-00-289-1254	30	7
84760	20222	3120-00-393-4067	22	18
01276	2023-6-10S	4730-00-728-2393	10	10
84760	20523	2910-01-188-3250	21	30
84760	20528	5325-01-188-0960	21	28
84760	20530	2910-01-189-0895	21	22
78514	20548	5120-01-207-5563	37	13
84760	20803	2910-01-230-9007	21	24
84760	20804	2910-00-148-6555	21	24
84760	20951	2920-01-117-3251	20	6
01276	2096-4S	4730-01-187-6892	30	5
84760	21194	5305-01-188-0948	22	40
84760	21200	2910-01-188-3249	21	27
84760	21201	3040-01-188-3261	22	39
84760	21283	2910-01-188-3244	22	28
84760	21284	5315-01-167-5584	21	10
84760	21296	2910-01-188-3251	21	29
84760	21312	2910-01-117-7252	22	19
84760	21358	5360-01-190-6215	21	1
84760	21646	5305-01-215-9425	21	2
84760	21661	5305-01-188-0490	22	45
84760	21662	5305-01-188-0491	22	45
84760	21663	5305-01-188-0492	22	45
84760	21664	5305-01-188-0493	22	45
84760	21665	5305-01-188-0494	22	45
84760	21712	5305-01-190-4070	21	45
84760	21763	2910-01-188-3254	20	23
84760	21860	5330-01-192-5779	22	6
84760	21895	2910-01-188-3255	22	9
84760	21917	5360-01-189-3466	22	10
84760	22064	5315-01-191-3393	22	2
78514	22089	6675-01-247-2286	38	4
84760	22125	5360-01-188-0807	20	30
84760	22325	5310-01-188-6743	20	25
84760	22327	2910-01-188-3252	20	32
84760	22351	5305-01-118-4114	20	3
84760	22367	2910-01-190-0069	21	41
84760	22397	5315-01-190-0429	21	15
84760	22398	5305-01-190-5745	21	9
84760	22505	5365-01-318-1887	21	43
7X677	22511422	5340-01-148-7528	17	5
		5340-01-148-7528	18	4
15946	22515630	5307-01-150-9538	19	6

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	22532588	5307-01-492-5662	26	5
7X677	22548601	5307-01-150-5993	8	6
84760	22693	5365-01-188-0784	21	19
78514	22727	5120-01-208-7752	37	16
84760	22734	5305-01-188-6566	22	45
84760	22900	5365-01-188-0993	21	4
84760	22917	5340-01-192-6030	21	17
84760	22937	5325-01-188-0958	22	20
84760	22939	5120-01-078-1899	36	18
84760	22988	2910-01-232-1044	21	23
03350	22FT832	5310-00-582-5765	20	5
72582	23011420	5365-01-188-0782	9	23
84760	23056	5365-01-188-0785	21	39
78514	23080	5210-01-249-0370	38	1
84760	23100	5315-01-188-0765	22	1
84760	23101	3110-01-188-7682	22	7
84760	23107	5340-01-188-3176	22	41
84760	23120	3040-01-192-4585	22	37
84760	23123	4820-01-188-3245	22	33
84760	23124	5305-01-188-6567	22	30
84760	23135	4820-01-188-3246	22	33
84760	23183	4820-01-165-9596	20	11
84760	23190	4710-01-230-5611	20	19
		4710-01-230-5611	20	21
84760	23238	5360-01-188-6806	22	35
84760	23352	5307-01-188-9217	22	15
84760	23426	5365-01-188-0783	21	43
84760	23428	2910-01-188-3256	21	8
84760	23461	2520-01-188-3282	20	29
7X677	23500006	5307-01-187-0519	9	17
7X677	23500008	2910-01-189-8851	9	11
7X677	23500012	2930-01-188-3682	26	15
72825	23500024		17	10
			18	11
7X677	23500032	5307-01-207-9004	27	9
7X677	23500035	2815-01-168-7909	11	7
7X677	23500058	2815-01-493-4319	6	14
7X677	23500074	2815-01-148-9540	6	1
7X677	23500075	3040-01-192-4466	6	2
7X677	23500076	3040-01-212-7616	6	5
7X677	23500084		26	11
7X677	23500104		2	9
7X677	23500111	3120-01-175-3813	3	3
7X677	23500139	5331-01-249-1629	3	5
7X677	23500246	2815-01-148-9535	3	6
7X677	23500298	5325-01-234-0447	5	3
7X677	23500391	2815-01-246-5268	5	2
7X677	23500392	2815-01-164-0138	5	2
7X677	23500393	2815-01-246-5269	5	2
7X677	23500801	5306-01-422-8649	31	12
7X677	23500805	2990-01-411-6556	8	15

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
7X677	23500832	5307-01-150-5991	11	3
72582	23502073	2815-01-168-7871	9	9
7X677	23502552	5330-01-315-7047	6	12
7X677	23502571		2	23
7X677	23502572		2	24
7X677	23502575	5306-01-438-2320	2	22
7X677	23502587	5330-01-378-8572	9	32
7X677	23502596	2815-01-411-3964	3	6
7X677	23503124	5325-01-160-4618	19	12
7X677	23503969	5330-01-378-8577	3	5
7X677	23503994	2815-01-150-0673	6	17
7X677	23504011	5310-01-147-8744	3	9
72582	23506222	5306-01-321-3559	27	12
72582	23521131	5310-01-250-7679	9	20
7X677	23521131	5310-01-250-7679	17	6
84760	23566	5325-01-188-0962	21	13
84760	23585	5310-01-318-1883	22	14
84760	23601	5360-01-189-3607	21	40
84760	23610	3040-01-317-0367	20	31
78514	23614		37	2
78514	23615	5120-01-208-7753	37	1
84760	23685	5315-01-188-0766	22	1
78514	23715	5220-01-247-0361	38	5
78514	23716	5210-01-249-0369	38	3
84760	23744	5360-01-317-8098	20	22
78514	23745	5210-01-249-0368	38	2
78514	23805	5120-01-208-7771	37	14
84760	23819	4730-01-334-0695	21	31
84760	23915	5360-01-318-1894	21	33
84760	23925	5315-01-189-2141	21	37
84760	24345	2910-01-189-1747	21	44
84760	24419	5305-01-190-4555	34	1
84760	24441	4820-01-182-1073	22	8
84760	24566	5305-01-188-6568	21	36
84760	24569	3040-01-188-3242	22	23
84760	24585	5331-01-215-9638	21	5
84760	24645	3040-01-188-3222	22	4
84760	24880	2910-01-316-2312	20	23
7X677	25011206	4820-01-153-1851	2	17
7X677	25014006	4820-01-436-9135	2	17
7X677	25014695	6615-01-153-1852	2	18
61928	251-591	2930-01-353-5794	27	3
7X677	25161285	4820-01-440-7461	2	18
7X677	25534835	5305-01-162-7885	7	1
84760	26027	5310-01-266-6425	22	27
7X677	26045801	2815-01-480-7632	9	6
84760	26070	2910-01-191-8464	22	31
84760	26071	5360-01-260-5649	22	32
84760	26081	5120-00-816-7059	37	17
84760	26087	5305-01-260-5737	21	16
84760	26181	5360-01-317-9451	21	6

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
84760	26382	3040-01-247-0914	21	42
84760	26383	4320-01-256-3698	21	42
84760	26431	5340-01-334-1422	KITS	7
84760	26495	5307-01-317-6317	22	15
84760	26890	2910-01-210-6938	22	43
84760	26961	5340-01-415-9633	22	16
84760	26989	4320-01-188-3258	21	42
84760	27002		22	21
78514	27003	5360-01-188-6693	21	33
84760	27005	5360-01-189-3606	20	24
84760	27006	3040-01-189-2163	21	11
84760	27007	5945-01-190-3559	20	18
84760	27008	5940-01-185-1122	20	15
84760	27009	5310-01-191-0440	20	14
84760	27010	2920-01-188-3259	20	13
84760	27011	5945-01-188-3194	20	20
84760	27014	5340-01-250-3240	20	17
84760	27065	2530-01-194-9868	20	16
84760	27163	5330-01-233-8597	21	18
84760	27245	5331-01-236-0475	22	36
84760	27606	5330-01-236-0488	22	13
84760	27608	5330-01-236-0474	21	21
84760	27609	5330-01-233-2778	21	20
84760	27660	5305-01-414-3012	21	45
84760	27833	2910-01-188-3243	22	37
84760	27927	2910-01-256-9157	20	33
84760	27984	2990-01-320-8915	22	38
84760	28012	4820-01-316-2497	22	33
84760	28013	4820-01-317-0552	22	33
84760	28397	5360-01-318-1893	20	24
84760	28457	4320-01-425-6571	21	42
84760	28463	5360-01-413-7368	21	40
84760	28474	5365-01-317-4249	21	19
84760	28861		22	21
84760	28937	3040-01-317-0368	21	12
84760	28981	2910-01-414-0346	21	29
84760	28986	2910-01-363-8782	21	31
84760	28988	4810-01-415-9460	21	27
84760	29040	2815-01-446-9537	21	42
84760	29041	2910-01-445-9041	21	42
84760	29042	2910-01-414-7888	21	42
84760	29043	2910-01-414-6651	21	42
84760	29049	5360-01-416-6594	21	40
84760	29122	3040-01-445-9101	21	8
84760	29384	5340-01-414-0247	22	28
84760	29546	3040-01-247-0893	22	4
84760	29710	5305-01-191-0374	22	29
73957	3-32X3-4LG	5315-00-828-5487	9	13
00198	3001564	5310-00-841-1131	20	1
51377	3018-01265-01	5331-01-192-8892	28	6
51377	3018-01339-01	5330-01-247-8438	28	7

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
51377	3018-01425-01	5330-01-252-0461	28	13
51377	3029-01371-01	5310-01-194-0481	28	3
51377	3030-00364-01	5310-01-190-4607	28	15
84760	30405	2910-01-299-0473	KITS	8
51377	3051-01405-01	5307-01-190-5854	28	12
84760	30776	5360-01-413-7363	20	30
84760	30844	5325-01-413-7364	21	14
84760	31506	2910-01-414-5382	22	25
84760	31816	4320-01-317-0692	22	25
24161	32028	4730-01-089-4596	30	3
7X677	354501	4730-01-148-2758	26	14
		4730-01-148-2758	27	2
7X677	360582	5360-01-165-1563	9	16
7X677	3701679	5315-01-149-5433	3	7
7X677	3702366	2805-00-336-1716	9	15
7X677	3704871	5340-01-194-5294	9	14
7X677	3719599	2910-00-493-2138	16	3
7X677	3727207	5306-01-148-8198	4	2
7X677	3739798	4730-01-182-6565	26	12
		4730-01-182-6565	27	7
0CTH1	3921935	5330-01-233-2848	22	42
0CTH1	3921936	5331-01-232-2145	20	12
0CTH1	3921937	5331-01-236-0476	22	26
0CTH1	3921939	5331-01-232-7886	21	38
0CTH1	3921940	5331-01-236-0472	21	35
0CTH1	3921950	5330-01-234-2615	20	27
7X677	3947770	2805-00-155-7266	6	6
7X677	3999200	5340-01-149-7977	2	12
51377	4026-38368-01	2930-01-189-8643	28	18
51377	4040-38442-01		28	8
51377	4043-38443-01	2930-01-189-1744	28	5
84760	405	5331-00-641-8283	22	13
51377	4073-38424-01		28	16
51377	4079-38441-01		28	19
95021	4080-08	5120-00-516-4979	36	16
24161	4219-3681	4720-01-163-7833	BULK	1
24161	4377	4720-00-139-3968	BULK	2
30379	444655	4730-00-044-4655	2	10
7X677	444782	5365-01-154-4378	2	11
21450	454097	4730-00-911-5707	10	1
7X677	477249	5330-01-154-7159	9	10
7X677	5234530	2815-01-147-9358	6	16
34623	5569831-C		20	4
34623	5574856	5330-01-194-0472	13	1
34623	5577933	5330-01-184-6500	10	3
34623	5579411	2930-01-168-7870	28	2
34623	5588022	2815-01-168-7912	9	22
34623	5591286	5307-01-196-4717	9	26
34623	5593213	5310-00-080-6004	26	8
7X677	560613	5340-01-148-7529	19	31
70040	5614017	2920-01-188-3863	24	1

CROSS REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIGURE NO	ITEM NO
19207	5705628	2815-01-314-7940	1	1
19207	5705684	2815-01-231-3672	1	1
34623	5715342	4720-01-505-3475	30	6
34623	5740201	3120-01-152-2039	3	3
34623	5740253	5310-01-189-8468	28	4
34623	5740269	5306-01-497-4738	16	7
34623	5740278	5360-01-190-6214	28	11
34623	5740572	5305-01-188-0489	22	45
34623	5740702		17	9
			18	10
34623	5741611	4710-01-185-6179	17	3
		4710-01-185-6179	18	3
34623	5741613	5340-01-384-9987	9	18
34623	5743795	2910-01-379-3752	15	1
19207	57K3223	2815-01-410-9710	1	1
34623	57K3224	3120-01-414-9135	5	8
19207	57K3226	2815-01-406-6675	1	1
19207	57K3241	2815-01-420-4180	1	1
19207	57K3524	2815-01-439-6665	1	1
19207	57K3525	2815-01-439-6664	1	1
19207	57K3526	2815-01-439-8164	1	1
19207	57K3536	2815-01-453-7403	1	1
19207	57K3537	2815-01-453-7404	1	1
19207	57K3538	2815-01-453-7402	1	1
19207	57K3543	2815-01-461-7078	1	1
19207	57K3544	2815-01-439-8164	1	1
19207	57K3547	2815-01-472-6312	1	1
19207	57K3555	2815-01-461-7078	1	1
19207	57K3556	2815-01-439-6664	1	1
19207	57K3557	2815-01-439-8164	1	1
19207	57K3566	2815-01-461-7078	1	1
19207	57K3567	2815-01-439-6664	1	1
19207	57K3568	2815-01-439-8164	1	1
70040	6472357	2910-01-168-7905	16	1
75638	6805	5310-00-205-9078	36	8
30327	75167	4730-00-541-0793	27	1
7X677	7849306	2815-01-449-5585	9	6
7X677	8639743	5305-01-150-9781	9	25
72582	8922216	5342-01-130-1141	18	12
72582	8928543	5315-01-304-9173	3	1
98624	9002-00181-48	5331-01-194-8966	28	10
51377	9002-00741-58	5331-01-195-1500	28	9
K1076	9145-105-00B	5310-01-127-2456	33	1
73165	91598	5330-01-425-5069	9	29
73165	91599	5330-01-372-0636	8	18
24617	9411893	5310-00-251-4503	31	18
24617	9417373	5310-01-361-1163	31	17
7X677	9438257	4720-01-155-7784	BULK	5
7X677	9438373	4720-01-159-5796	BULK	4
7X677	9439046	4720-01-156-0549	BULK	6
11862	9439363		19	3

By Order of the Secretary of the Army:

PETER J. SCHOOMAKER
General, United States Army
Chief of Staff

Official:



JOEL B. HUDSON
*Administrative Assistant to the
Secretary of the Army*

By Order of the Secretary of the Air Force:

RONALD R. FOGLEMAN
General, United States Air Force
Chief of Staff

Official:

HENRY VICCELLIO, JR.
General, United States Air Force
Commander, Air Force Materiel Command

Distribution:

To be distributed in accordance with the initial distribution number (IDN) 380624, requirements for TM 9-2815-237-34P.

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.			Use Part II (reverse) for Repair Parts and Special Tools Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).			DATE:
TO: <i>(Forward to proponent of publication or form) (include ZIP code)</i> AMSTA-LC-CI Tech Pubs, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630			FROM: <i>(Activity and location) (include ZIP code)</i>			
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS						
PUBLICATION/FORM NUMBER			DATE		TITLE	
ITEM NO.	PAGE NO.	PARA-GRAFH	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON <i>(Provide exact wording of recommended changes, if possible).</i>
SAMPLE						
<i>*Reference to line numbers within the paragraph or subparagraph.</i>						
TYPED NAME, GRADE, OR TITLE			TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE

TO: <i>(Forward direct to addressee listed in publication)</i> AMSTA-LC-CI Tech Pubs, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630	FROM: <i>(Activity and location) (include ZIP code)</i> Co. B, 1st BN, 2nd Brigade Ft. Hood, TX 76445	DATE: 29 Aug 2003
--	---	-----------------------------

PART II - REPAIR PARTS AND SPECIAL TOOLS LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION/FORM NUMBER TM 9-2815-237-34P					DATE			TITLE TECHNICAL MANUAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
0031 00-1	3	5	4730-01-876-6891		30	5	1	NSN for item 5 should be 4730-01-187-6892.

SAMPLE

PART III - REMARKS *(Any general remarks or recommendations, or suggestions for improvement of publications and blank forms.
Additional blank sheets may be used if more space is needed.)*

TYPED NAME, GRADE, OR TITLE Pat Smith, ILT	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION AV272-4162	SIGNATURE Pat Smith, ILT
--	--	------------------------------------

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.			Use Part II (reverse) for Repair Parts and Special Tools Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).			DATE:
TO: (Forward to proponent of publication or form) (include ZIP code)			FROM: (Activity and location) (include ZIP code)			
AMSTA-LC-CI Tech Pubs, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS						
PUBLICATION/FORM NUMBER			DATE		TITLE	
ITEM NO.	PAGE NO.	PARA-GRAF	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON (Provide exact wording of recommended changes, if possible).
*Reference to line numbers within the paragraph or subparagraph.						
TYPED NAME, GRADE, OR TITLE			TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE

TO: (Forward direct to addressee listed in publication) AMSTA-LC-CI Tech Pubs, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630				FROM: (Activity and location) (include ZIP code)				DATE:
PART II - REPAIR PARTS AND SPECIAL TOOLS LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS								
PUBLICATION/FORM NUMBER TM 9-2815-237-34P				DATE			TITLE TECHNICAL MANUAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST	
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
PART III - REMARKS (Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)								
TYPED NAME, GRADE, OR TITLE			TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION				SIGNATURE	

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.			Use Part II (reverse) for Repair Parts and Special Tools Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).			DATE:
TO: (Forward to proponent of publication or form) (include ZIP code)			FROM: (Activity and location) (include ZIP code)			
AMSTA-LC-CI Tech Pubs, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630						
PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS						
PUBLICATION/FORM NUMBER			DATE		TITLE	
ITEM NO.	PAGE NO.	PARA-GRAF	LINE NO.*	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON (Provide exact wording of recommended changes, if possible).
*Reference to line numbers within the paragraph or subparagraph.						
TYPED NAME, GRADE, OR TITLE			TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE

TO: (Forward direct to addressee listed in publication) AMSTA-LC-CI Tech Pubs, TACOM-RI 1 Rock Island Arsenal Rock Island, IL 61299-7630				FROM: (Activity and location) (include ZIP code)				DATE:
PART II - REPAIR PARTS AND SPECIAL TOOLS LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS								
PUBLICATION/FORM NUMBER TM 9-2815-237-34P				DATE			TITLE TECHNICAL MANUAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST	
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
PART III - REMARKS (Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)								
TYPED NAME, GRADE, OR TITLE			TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION				SIGNATURE	

PIN: 058183-000

This fine document...

Was brought to you by me:



Liberated Manuals -- free army and government manuals

Why do I do it? I am tired of sleazy CD-ROM sellers, who take publicly available information, slap “watermarks” and other junk on it, and sell it. Those masters of search engine manipulation make sure that their sites that sell free information, come up first in search engines. They did not create it... They did not even scan it... Why should they get your money? Why are not letting you give those free manuals to your friends?

I am setting this document FREE. This document was made by the US Government and is NOT protected by Copyright. Feel free to share, republish, sell and so on.

I am not asking you for donations, fees or handouts. If you can, please provide a link to liberatedmanuals.com, so that free manuals come up first in search engines:

<A HREF=<http://www.liberatedmanuals.com/>>Free Military and Government Manuals

- Sincerely
Igor Chudov
<http://igor.chudov.com/>
- [Chicago Machinery Movers](http://chicagomachinerymovers.com)