

**\*ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2**

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**TECHNICAL MANUAL**

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

**DIESEL ENGINE**

**2815-01-350-2208 MODEL 4039TF002  
FOUR-CYLINDER, FOUR CYCLE, TURBOCHARGED**

\*This manual supersedes TM 9-2815-255-24P/TO 38G1-95-4/TM 2815-24P/2. dated 30 July 1993, including all changes

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

**30 OCTOBER 1996**



TECHNICAL MANUAL  
NO. 9-2815-255-24P

HEADQUARTERS DEPARTMENTS OF THE ARMY,  
AIR FORCE, AND HEADQUARTERS U.S. MARINE CORPS  
WASHINGTON D.C., 30 OCTOBER 1996

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GENERAL SUPPORT MAINTENANCE  
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2815-01-350-2208 MODEL 4039TF002  
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Current as of 1 October 1996

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UNIT, DIRECT SUPPORT, AND  
GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
SECTION I. INTRODUCTION

1. Scope.

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit, direct support, and general support maintenance of the Diesel Engine. It authorizes the requisitioning, issue and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

2. General.

In addition to Section I, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized by this RPSTL 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 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 repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

b. Section III. Special Tools List. A list 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.

2. General. - (Continued)

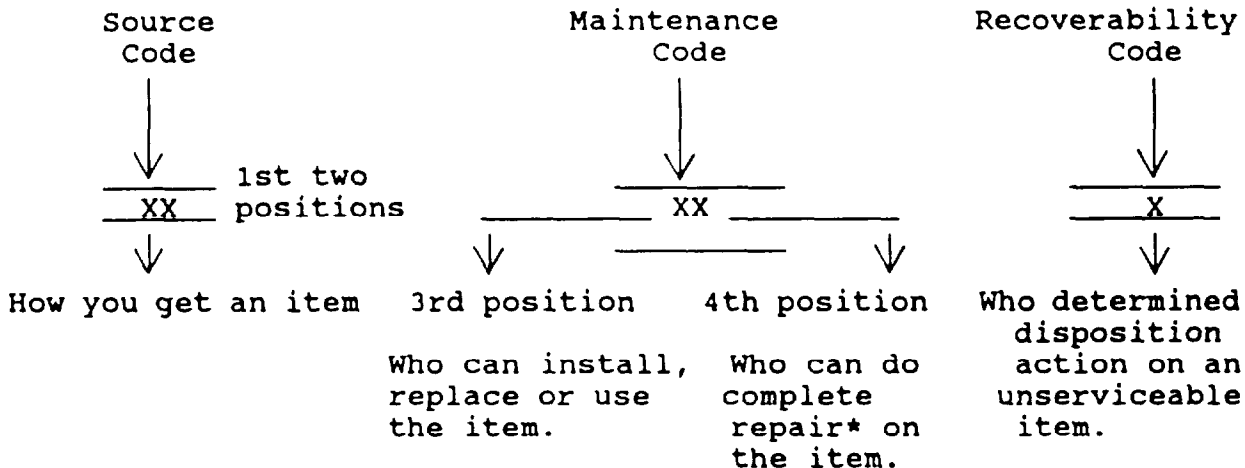
c. Section IV. National Stock Number and Part Number Index.

A list, in National Item Identification Number (NIIN) sequence, of all national stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns (Sections II and III).

a. ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

b. 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.

(1) 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:



3. Explanation of Columns (Sections II and III). - (Continued)

Code	Explanation
PA PB PC** PD PE PF PG	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.  **NOTE: Items coded PC are subject to deterioration.

Code	Explanation
KD KF KB	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.

Code	Explanation
MO- (Made at org/ AVUM Level) MF- (Made at DS/ AVIM Level) MH- (Made at GS Level) ML- (Made at Spe- cialized Repair Activity (SRA) MD- (Made at Depot)	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 this 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.
AO- (Assembled by org/AVUM Level) AF- (Assembled by DS/AVIM Level) AH- (Assembled by GS Category) AL- (Assembled by SRA) AD- (Assembled by Depot)	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.

3. Explanation of columns (Sections II and III). - (Continued)

- XA - Do not requisition an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
- XB - If an "XB" item is not available from salvage, order it using the FSCM 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 FSCM 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" or those aircraft support items restricted by requirements of AR 700-42.

(2) 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 3rd and 4th positions of the SMR Code as follows:

(a) The maintenance code entered in the 3rd position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the 3rd position will indicate authorization to one of the following levels of maintenance.

Code	Application/Explanation
C	-Crew or operator maintenance done within organization or aviation unit maintenance.
O	-Organizational or aviation unit category can remove, replace, and use the item.
F	-Direct support or aviation intermediate 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.

3. Explanation of Columns (Sections II and III). - (Continued)

Code	Application/Explanation
D	-Depot level can remove, replace, and use the item.

(b) The maintenance code entered in the 4th position tells 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	-Organizational or (aviation unit) is the lowest level that can do complete repair of the item.
F	-Direct support or aviation intermediate 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.

3. Explanation of Columns (Sections II and III). - (Continued)

(3) Recoverability Code, Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the 5th position of the SMR Code as follows:

Recoverability Codes	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	-Repairable item. When uneconomically repairable, condemn and dispose of the item at organizational or aviation unit level.
F	-Repairable item. When uneconomically repairable, condemn and dispose of the item at the direct support or aviation intermediate level.
H	-Repairable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	-Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	-Repairable 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.

3. Explanation of Columns (Sections II and III). - (Continued)

C. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. PART NUMBER (Column (4)). 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.

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

e. DESCRIPTION AND USABLE ON CODE (UOC) (Column (5)). 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 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 UOC, when applicable (see paragraph 5, Special Information).

3. Explanation of columns (Sections II and III) - (Continued)

(7) In the Special Tools List section, the Basis of Issue (BOX) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the BOI, the total authorization is increased proportionately.

(8) The statement "END OF FIGURE" appears just below the last item description in Column 5 for a given figure in Section II.

f. QTY (Column (6)). 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 may vary from application to application.

4. Explanation of Columns (Section IV).

a. NATIONAL STOCK NUMBER (NSN) INDEX.

(1) STOCK NUMBER Column. This column lists the NSN by National Item Identification Number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN

(i.e., NSN  
5305-01-674-1467). When using this column to locate an NIIN item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

(2) FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in Section II and Section III.

(3) 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.

b. PART NUMBER INDEX. 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 numbers 0 through 9 and each following letter or digit in like order).

4. Explanation of Columns (Section IV). - (Continued)

(1) FSCM Column. The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

(2) PART NUMBER Column. Indicates the primary number used by the manufacturer (individual, 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.

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

(4) FIG. Column. This column lists the number of the figure where the item is identified/located in Section II and III.

(5) 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.

5. Special Information. Use the following subparagraphs as applicable:

a. 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: . . . applicable item description/nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in the RPSTL are:

<u>Code</u>	<u>Used On</u>
ERD	Diesel Engine, Model 4039TF002

b. 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 item source codes to be manufactured or fabricated are found in TM 9-2815-255-24.

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AIR FORCE TO 38G1-95-4  
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5. Special Information. - (Continued)

ASSEMBLY INSTRUCTION Detailed assembly instructions for item source coded to be assembled from component spare/repair parts are found in TM 9-2815-255-24. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

d. KITS, Line item entries for repair parts kits appear throughout Section II.

e. ASSOCIATED PUBLICATIONS. The publication(s) listed below pertain to Diesel Engine, Model 4039TF002 and its components:

<u>Publication</u>	<u>Short Title</u>
TM 9-2815-255-24	Maintenance Manual, Diesel Engine, Model No. 4039T

6. How to Locate Repair Parts.

a. 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 note the item number.

(4) Fourth, Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.



6. How to Locate Repair Parts. - Continued

(5) Fifth. Refer to the Part Number Index to find the NSN, if assigned.

b. 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.

7. Abbreviations. (Abbreviations must be applicable to specific RPSTL and not listed in MIL-STD-12).

<u>Abbreviations</u>	<u>Explanation</u>
AVIM	Aviation Intermediate Maintenance
AVUM	Aviation Unit Maintenance
BOI	Basis of Issue
DS	Direct Support
GS	General Support
MAC	Maintenance Allocation Chart
NIIN	National Item Identification Number (consists of the last g-digits of the NSN)
NSN	National Stock Number
RPSTL	Repair Parts and Special Tools List

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7. Abbreviations - (Continued)

<u>Abbreviations</u>	<u>Explanation</u>
SMR	Source, Maintenance and Recoverability Codes
TMDE	Test, Measurement and Diagnostic Equipment
UOC	Usable on Code



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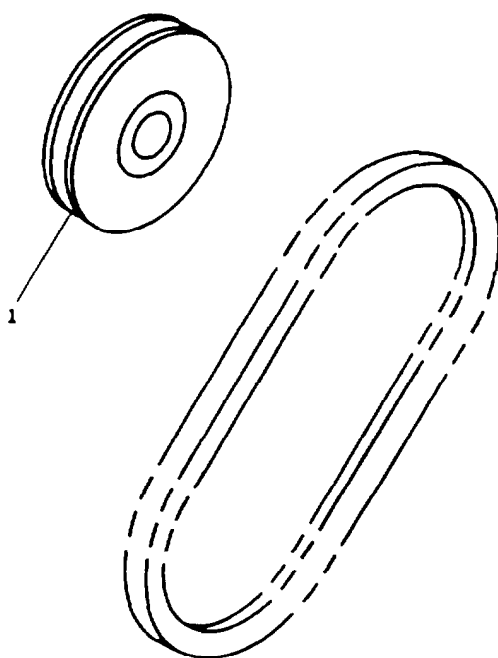


FIGURE 1. Alternator Drive Pulley

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(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR		CODE		FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
1	PAOZZ	PAOZZ		PAOZZ	75755	T24474	GROUP 01 - COOLING SYSTEM FIG. 1 ALTERNATOR DRIVE PULLEY PULLEY, GROOVE	1	1
							END OF FIGURE		

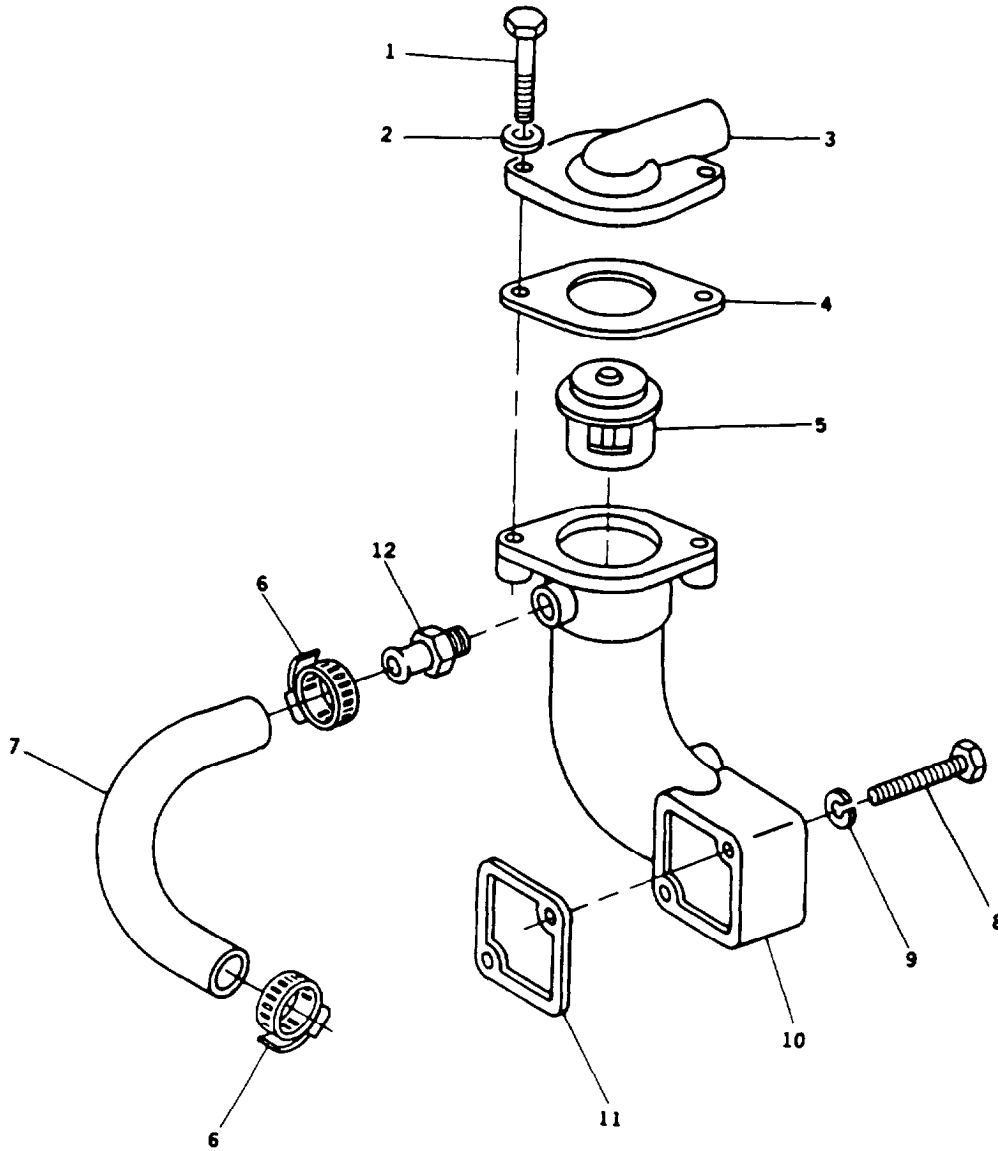


FIGURE 2. Thermostat and Housing

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MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a	SMR	CODE	d	PART	DESCRIPTION AND	USMC	QTY	QTY
NO	ARMY	b.	c.	USMC	NUMBER	USABLE ON CODE (UOC)		PER	EQUIP
		AIR	NAVY						
		FORCE			FSCM				
GROUP 01 - COOLING SYSTEM									
FIG. 2 THERMOSTAT AND HOUSING									
1	PAOZZ	PAOZZ		PAOZZ	75755	19H3411	SCREW,CAP,HEXAGON H 3/8" x 1-1/4"	2	5
2	PAOZZ	PAOZZ		PAOZZ	75160	24M7096	WASHER,FLAT 2-13/32" X 11/16" X 0.60"	2	2
3	PBOZZ	PBOZZ		PBOZZ	75755	T23620	WATER OUTLET,ENGINE	1	1
4	PAOZZ	PAOZZ		PAOZZ	75160	T20215	GASKET, PART OF KIT P/N RE38851, KIT P/N RE38857	1	1
5	PAOZZ	PAOZZ		PAOZZ	75160	RE33705	THERMOSTAT,FLOW CON	1	1
6	PAOZZ	PAOZZ		PAOZZ	75755	RE32361	CLAMP,HOSE	2	8
7	PAOZZ	PAOZZ		PAOZZ	75755	T20277	HOSE,PREFORMED BY-PASS	1	1
8	PAOZZ	PAOZZ		PAOZZ	75160	19H3745	SCREW,CAP,HEXAGON,H 3/8" X 2-5/8"	2	2
9	PAOZZ	PAOZZ		PAOZZ	75160	12H304	WASHER,LOCK 3/8"	2	48
10	XDOZZ	XB		XBOZZ	75160	R92446	HOUSING, THERMOSTAT	1	1
11	PAOZZ	PAOZZ		PAOZZ	75755	R54641	GASKET, PART OF KIT P/N RE38851, PART OF KIT P/N RE38857	1	1
12	PAOZZ	PAOZZ		PAOZZ	75755	T19651	ADAPTER,STRAIGHT,PI 1/4" - 18 NPTF	1	1
END OF FIGURE									

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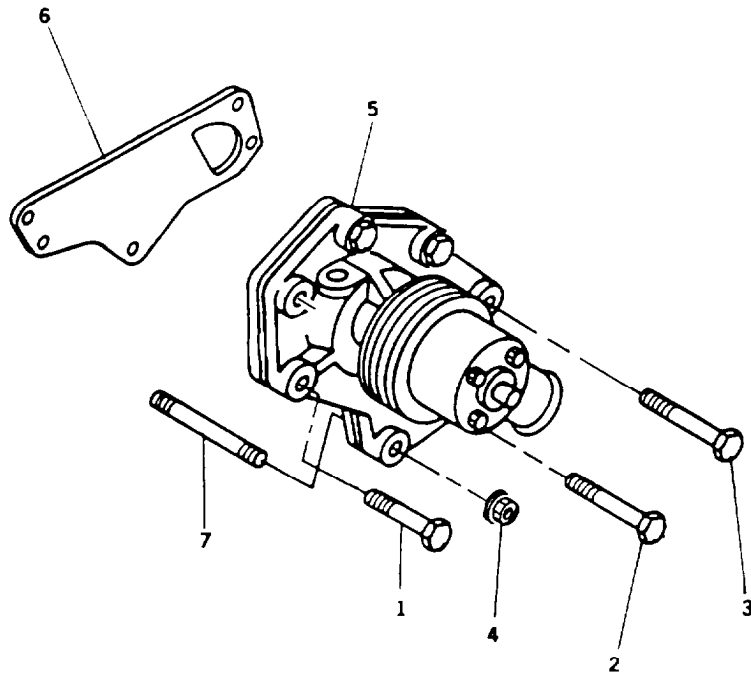


FIGURE 3. Water Pump Assembly



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**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR		CODE		FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY PER EQUIP	USMC
	a. ARMY	b. AIR FORCE	c. NAW	d. USMC					
							GROUP 01 - COOLING SYSTEM FIG. 3 WATER PUMP ASSEMBLY		
1	PAOZZ	PAOZZ		PAOZZ	75160	19H3065	SCREW,CAP,HEXAGON H 3/8" x 2"	1	10
2	PAOZZ	PAOZZ		PAOZZ	75755	19H2855	SCREW,CAP,HEXAGON H 3/8" x 3-1/4"	1	1
3	PAOZZ	PAOZZ		PAOZZ	75160	19H1912	SCREW,CAP,HEXAGON H 3/8" X 3-1/2"	1	1
4	PAOZZ	PAOZZ		PAOZZ	21585	38105-7	NUT HEX 3/8"	1	7
5	PAOZZ	PAOZZ		PAOZZ	75755	AR97708	PUMP,COOLING SYSTEM	1	1
6	PAOZZ	PAOZZ		PAOZZ	75160	T20243	GASKET, PART OF KIT P/N RE38857	1	1
7	PAOZZ	PAOZZ		PAOZZ	75160	T25701	STUD,PLAIN 3/8" - 16 UNC	1	1
							END OF FIGURE		

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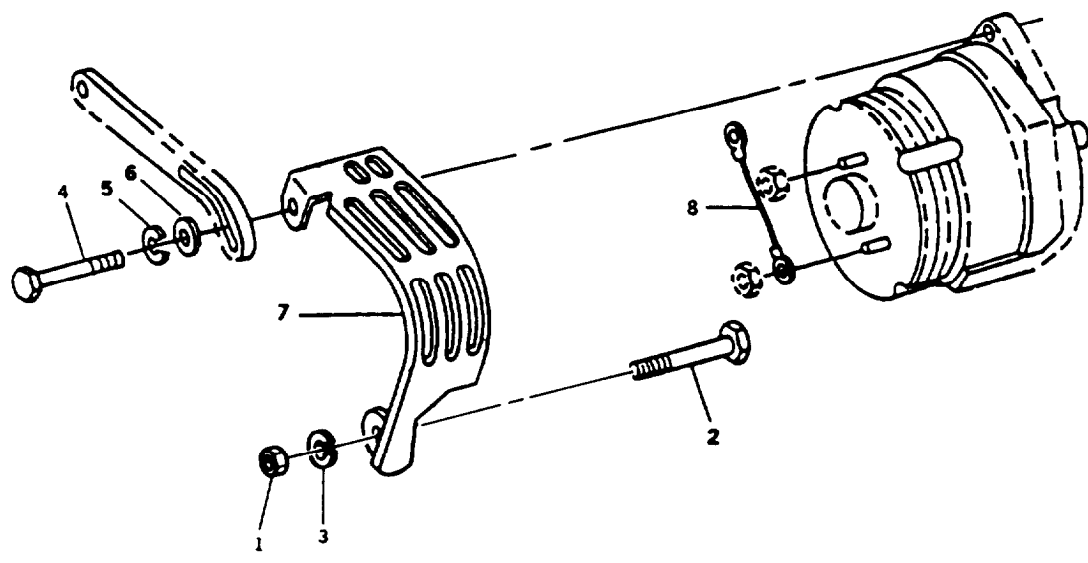


FIGURE 4. Alternator Attaching Hardware

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(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	SMR CODE				PART	DESCRIPTION AND	USABLE ON CODE (UOC)	QTY	USMC
NO	a.	b.	c.	d.	FSCM	NUMBER			PER
	ARMY	AIR FORCE	NAVY	USMC					EQUIP
							GROUP 02 - ELECTRICAL SYSTEM		
							FIG. 4 ALTERNATOR ATTACHING HARDWARE		
1	PAOZZ	PAOZZ		PAOZZ	34914	990-0063	NUT,PLAIN,HEXAGON 3/8"	1	1
2	PAOZZ	PAOZZ		PAOZZ	75160	19M8197	SCREW,CAP,HEXAGON H	1	1
3	PAOZZ	PAOZZ		PAOZZ	75160	24H1621	WASHER,FLAT .685" ID	1	1
4	PAOZZ	PAOZZ		PAOZZ	56161	10501882	SCREW,CAP,HEXAGON H	1	1
5	PAOZZ	PAOZZ		PAOZZ	75160	12H303	WASHER,LOCK 5/16"	1	4
6	PAOZZ	PAOZZ		PAOZZ	75160	12M7066	WASHER, LOCK	1	1
7	PAOZZ	PAOZZ		PAOZZ	75755	R56012	BRACKET,ENGINE ACCE	1	1
8	XDOZZ	XB		XBOZZ	75160	AU42892	WIRE, GROUND-MAGNET	1	1
							END OF FIGURE		

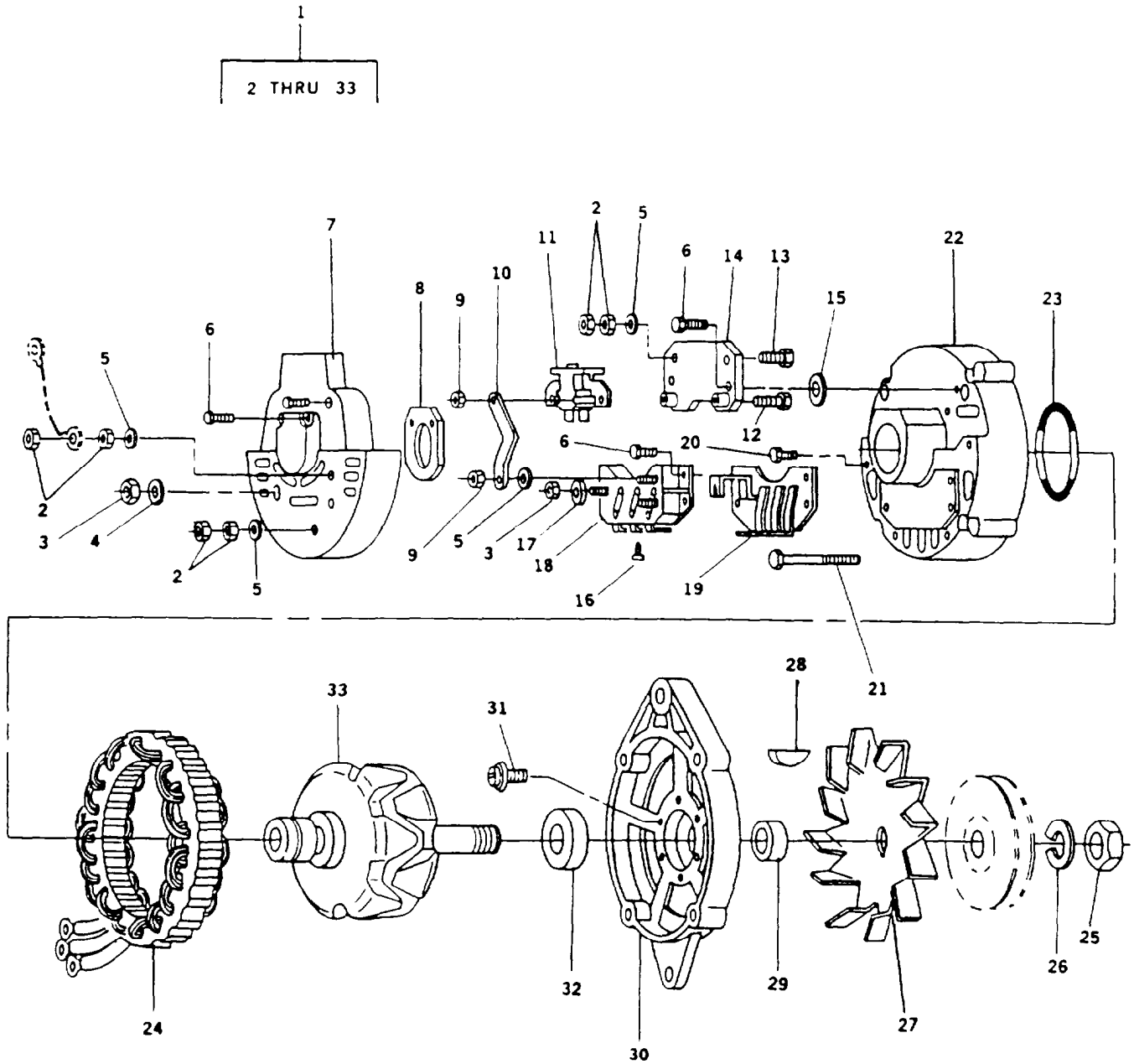


FIGURE 5. Alternator Assembly

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO	SMR		CODE		FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 02 - ELECTRICAL SYSTEM		
							FIG 5 ALTERNATOR ASSEMBLY		
1	PAOFF	PAOOO		PAOFF	68505	8EM3002GC	GENERATOR, ENGINE AC	1	1
2	PAOZZ	PAOZZ		PAOZZ	68505	02S10971A18	NUT, PLAIN, HEXAGON	8	8
3	PAOZZ	PAOZZ		PAOZZ	72741	458-006	NUT, PLAIN, HEXAGON	2	2
4	PAFZZ	PAOZZ		PAFZZ	68505	120-113	WASHER, LOCK 1/4"	1	1
5	PAFZZ	PAOZZ		PAFZZ	68505	120-120	WASHER, FLAT NO. 10	5	5
6	PAFZZ	PAOZZ		PAFZZ	68505	120-252	SCREW, ASSEMBLED WAS NO. 10-32X5/8"	8	8
7	PBFZZ	PBOZZ		PBFZZ	68505	114-214	COVER, ELETRICAL CON	1	1
8	PAFZZ	PAOZZ		PAFZZ	68505	103-56	FELT, MECHANICAL	1	1
9	PAFZZ	PAOZZ		PAFZZ	68505	120-148	NUT, SELFLOCKING, HE NO. 10 - 24 X 3/8"	2	2
10	PAFZZ	PAOZZ		PAFZZ	68505	120-334	BRACKET, DOUBLE ANGL	1	1
11	PAFZZ	PAOZZ		PAFZZ	68505	103-55	HOLDER, ELECTRICAL C	1	1
12	PAFZZ	PAOZZ		PAFZZ	68505	120-339	SCREW, MACHINE NO. 10 - 24 X 7/8"	2	2
13	PAFZZ	PAOZZ		PAFZZ	24975	120-344	SCREW, MACHINE	2	2
14	PAFZZ	PAOZZ		PAFZZ	68505	105-270	REGULATOR, ENGINE GE	1	1
15	PAFZZ	PAOZZ		PAFZZ	68505	04B4761F16	INSULATOR, WASHER .203" ID X .50" OD X .06" THK	2	2
16	PAFZZ	PAOZZ		PAFZZ	68505	120-121	SCREW, TAPPING NO. 8 - 32 X 5/16"	3	3
17	PAFZZ	PAOZZ		PAFZZ	68505	120-109	WASHER, FLAT 1/4" STUD	1	1
18	PAFZZ	PAOZZ		PAFZZ	68505	101-208	RECTIFIER, SEMICONDU	1	1
19	PAFZZ	PAOZZ		PAFZZ	68505	0142499T36	SEMICONDUCTOR DEVIC	1	1
20	PAFZZ	PAOZZ		PAFZZ	68505	120-347S	SCREW ASSEMBLED, WAS	1	1
21	PAFZZ	PAOZZ		PAFZZ	68505	120-336	THRU BOLT NO. 10 - 32 X 2. 30"	4	4
22	PBFZZ	PBOZZ		PBFZZ	68505	114-222	HOUSING MAGNETO	1	1
23	PAFZZ	PAOZZ		PAFZZ	68505	111-64S	RETAINER, BALL BEAR	1	1
24	PBFZZ	PBOZZ		PBFZZ	68505	113-58	STATOR ASSEMBLY, IGN	1	1
25	PAFZZ	PAOZZ		PAFZZ	68505	120-136	NUT, PLAIN, HEXAGON 5/8" - 18 UNF - 2B	1	1
26	PAFZZ	PAOZZ		PAFZZ	68505	120-137	WASHER, LOCK 5/8"	1	1
27	PAFZZ	PAOZZ		PAFZZ	68505	107-68	IMPELLER, FAN, CENTRI	1	1
28	XDFZZ	XB		XBFZZ	35510	120-7	KEY, WOODRUFF	1	1
29	XDFZZ	XB		XBFZZ	68505	120-152	SPACER, FAN	1	1
30	XDFZZ	XB		XBFZZ	68505	114-227	HOUSING, FRONT	1	1

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a.	b.	c.	d.	FSCM	PART	DESCRIPTION AND	QTY	USMC
NO.	ARMY	AIR	NAVY	USMC		NUMBER	USABLE ON CODE (UOC)		QTY
31	PAFZZ	PAOZZ		PAFZZ	68505	120-347S	SCREW, ASSEMBLED WAS INCLUDES CAPTIVE WASHER, NO. 10 -32 X 1/2"	3	3
32	PAFZZ	PAOZZ		PAFZZ	68505	111-21	BEARING, SLEEVE	1	1
33	PBFZZ	PBOZZ		PBFZZ	68505	112-70	ROTOR ASSEMBLE	1	1

END OF FIGURE



ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

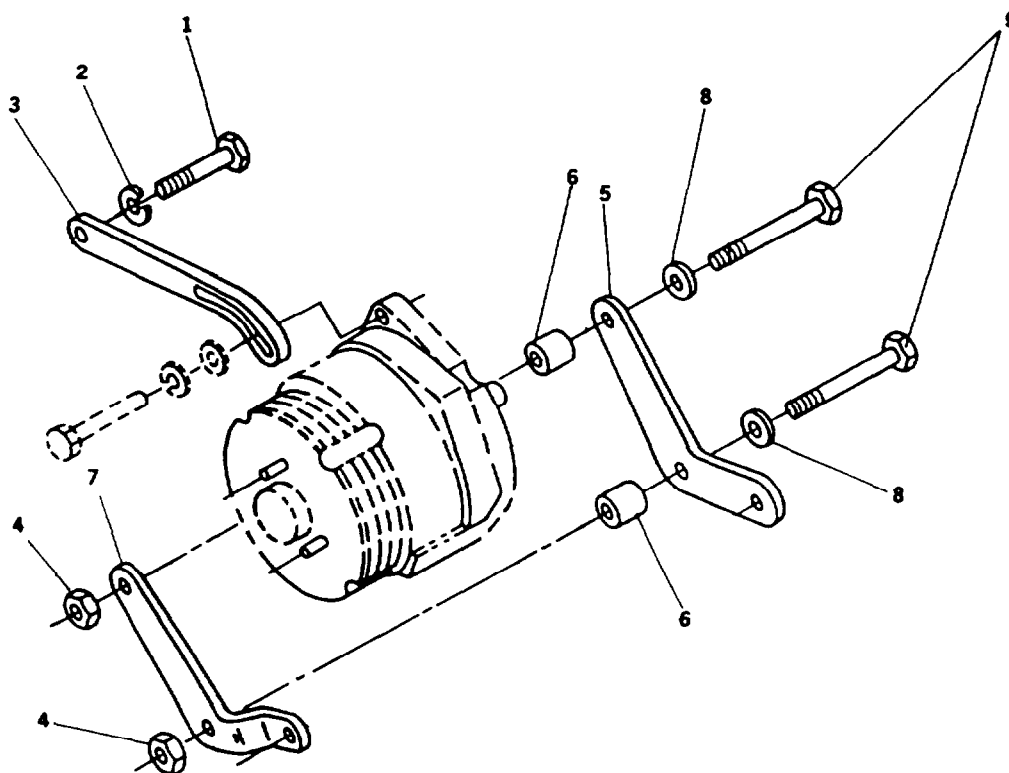


FIGURE 6. Alternator Bracket



**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	SMR CODE				FSCM	PART	DESCRIPTION AND	QTY	USMC
NO.	a.	b.	c.	d.		NUMBER	USABLE ON CODE (UOC)		QTY
	ARMY	AIR	NAVY	USMC					PER
		FORCE							EQUIP
							GROUP 02 - ELECTRICAL		
							SYSTEM		
							FIG. 6 ALTERNATOR		
							BRACKET		
1	PAOZZ	PAOZZ		PAOZZ	75160	19H1726	SCREW,CAP,HEXAGON H	1	8
2	PAOZZ	PAOZZ		PAOZZ	75160	12H304	WASHER,LOCK 3/8"	1	48
3	PAOZZ	PAOZZ		PAOZZ	75160	R108404	ARM,ADJUSTING,BELT	1	1
4	PAOZZ	PAOZZ		PAOZZ	75160	14H812	NUT HEX 3/8"	2	2
5	PAOZZ	PAOZZ		PAOZZ	75755	T20202	BRACKET,ENGINE ACCE	1	1
6	PAOZZ	PAOZZ		PAOZZ	75160	28H2547	SPACER,PIPE	2	2
7	PAOZZ	PAOZZ		PAOZZ	75755	R59962	BRACKET,EYE,ROTATIN	1	1
8	PAOZZ	PAOZZ		PAOZZ	75160	24H1304	WASHER,FLAT 13/32" X 23/32" x 0.120"	2	28
9	PAOZZ	PAOZZ		PAOZZ	75160	19H1912	SCREW,CAP,HEXAGON H 3/8" UNC 2A X 31/2"	2	2
							END OF FIGURE		

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

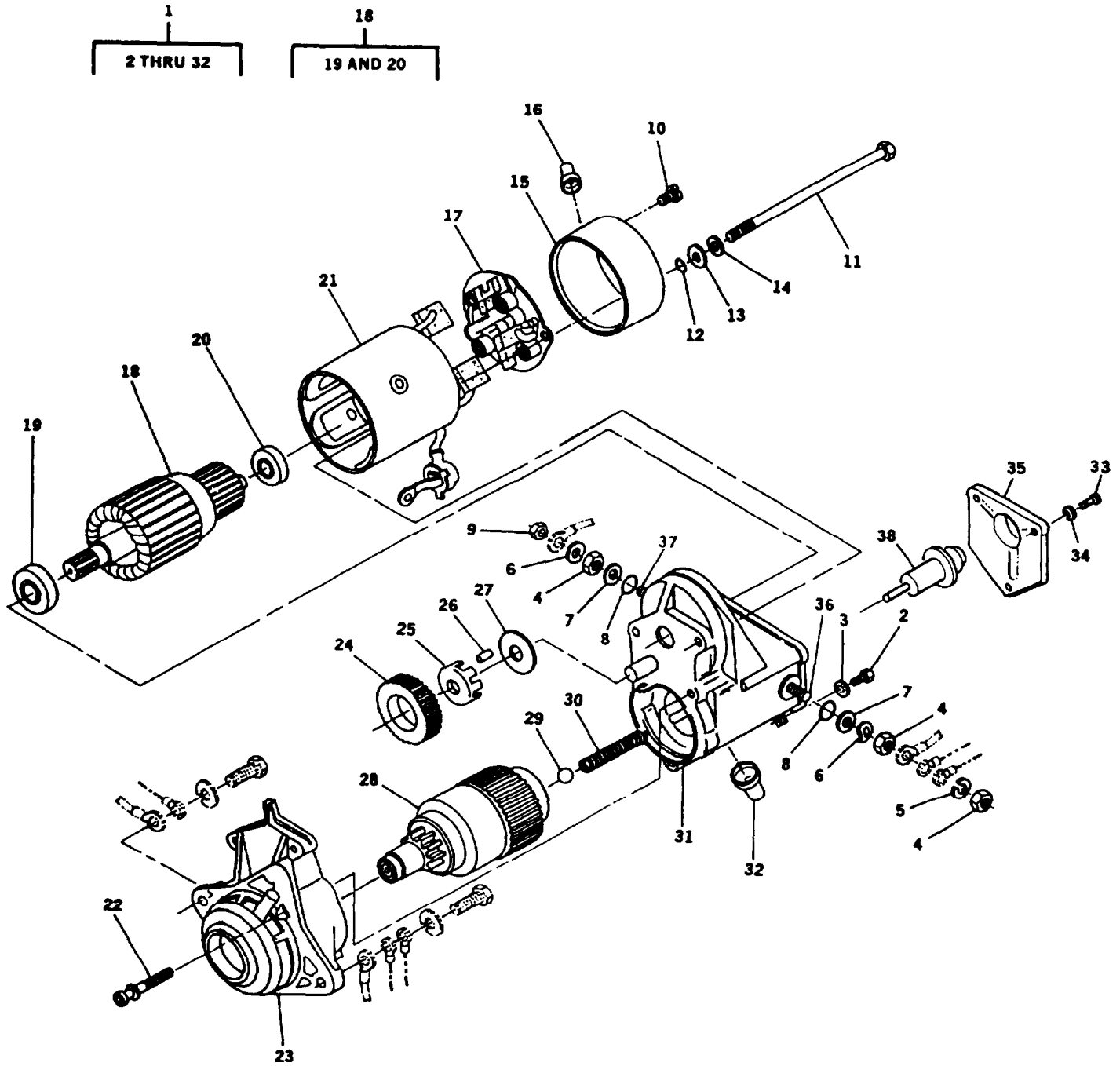


FIGURE 7. Starting Motor Assembly

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
						GROUP 02 - ELECTRICAL SYSTEM FIG. 7 STARTING MOTOR ASSEMBLY			
1	PAOFF	PAOOO		PAOFF	75755	RE48827	STARTER,ENGINE,ELEC	1	1
2	PAFZZ	PAOZZ		PAFZZ	1CX05	949006-2620	.SCREW,MACHINE NO. 8 - 32 UNC - 2A	1	1
3	PAFZZ	PAOZZ		PAFZZ	OE5W9	949016-0220	WASHER,PANEL FASTEN	1	1
4	PAFZZ	PAOZZ		PAFZZ	36479	X4-89	NUT,PLAIN,HEXAGON 3/8" - 16 UNC - 2B	3	3
5	PAFZZ	PAOZZ		PAFZZ	75160	R50899	WASHER, LOCK	1	1
6	PAFZZ	PAOZZ		PAFZZ	78286	S10-10-3365-1	WASHER, FLAT	2	2
7	KFFZZ	KFFZZ		KFFZZ	OE5W9	ISO-1	WASHER,FIBER FLAT	2	2
8	PAFZZ	PAOZZ		PAFZZ	1CX05	PRE-1	PACKING, PREFORMED	2	2
9	PAFZZ	PAOZZ		PAFZZ	99862	CLM-10-JN	NUT,PLAIN,HEXAGON	1	1
10	PAFZZ	PAOZZ		PAFZZ	1CX05	91310-05081	SCREW,ASSEMBLED WAS	2	2
11	PAFZZ	PAOZZ		PAFZZ	OE5W9	949042-2270	BOLT,MACHINE	2	2
12	PAFZZ	PAOZZ		PAFZZ	1CX05	90804-10050	SEAL PLAIN	2	2
13	PAFZZ	PAOZZ		PAFZZ	1CX05	949011-5700	WASHER, FLAT	2	2
14	PAFZZ	PAOZZ		PAFZZ	OE5W9	90258-06001	WASHER, LOCK	2	2
15	PBFZZ	PBOZZ		PBFZZ	1CX05	028501-0920	END BELL,ELECTRICAL	1	1
16	PBFZZ	PBOZZ		PBFZZ	OE5W9	028062-0200	COVER ELECTRICAL CO	1	1
17	PAFZZ	PAOZZ		PAFZZ	OE5W9	028510-0500	HOLDER ASSEMBLY,ELE	1	1
18	PBFZZ	PBOZZ		PBFZZ	1CX05	028200-2230	ARMATURE,STARTER-GE	1	1
19	PAFZZ	PAOZZ		PAFZZ	S5715	949100-2210	.. BEARING,BALL,ANNULA	1	1
20	PAFZZ	PAOZZ		PAFZZ	S5715	949100-2160	.. BEARING,BALL,ANNULA	1	1
21	PBFZZ	PBOZZ		PBFZZ	1CX05	028100-2881	COIL STARTING	1	1
22	PAFZZ	PAOZZ		PAFZZ	1CX05	949007-1730	SCREW,ASSEMBLED WAS	3	3
23	PBFZZ	PBOZZ		PBFZZ	1CX05	128401-8300	HOUSING,ENGINE DRIV	1	1
24	KFFZZ	KFF		KFFZZ	1CX05	028371-1500	PINION, STARTER, PART OF KIT 028099-5780	1	1
25	KFFZZ	KFF		KFFZZ	1CX05	028063-0030	RETAINER, PART OF KIT 028099-5780	1	1
26	KFFZZ	KFF		KFFZZ	1CX05	028306-0070	ROLLER, CLUTCH, PART OF KIT 028099-5780	5	5
27	KFFZZ	KFF		KFFZZ	1CX05	028327-0170	RETAINER, SNAP, PART OF KIT 028099-5780	1	1
28	PAFZZ	PAOZZ		PAFZZ	OE5W9	028300-3690	CLUTCH ASSEMBLY,FRI	1	4
29	KFFZZ	KFF		KFFZZ	5T151	949120-0240	BALL,BEARING, PART OF KIT 028099-5770	1	1
30	KFFZZ	KFF		KFFZZ	OE5W9	949170-4070	SPRING,HELICAL,COMP, PART OF KIT 028099-5770	1	1
31	PAFZZ	PAOZZ		PAFZZ	OE5W9	153400-0810	SWITCH,PROXIMITY	1	1

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a	b.	c.	d	FSCM	PART	DESCRIPTION AND	QTY	USMC
NO	ARMY	AIR	NAVY	USMC		NUMBER	USABLE ON CODE (UOC)		QTY
32	PAFZZ	PAOZZ		PAFZZ	OE5W9	028062-5150	.. COVER, ACCESS	1	1
33	PAFZZ	PAOZZ		PAFZZ	56161	10504005	SCREW, CAP, HEXAGON H	3	3
34	PAOZZ	PAOZZ		PAOZZ	15526	DIN127-B5-A3G	WASHER, LOCK	3	3
35	XDFZZ	XB		XBFZZ	8C367	053505-0290	END PLATE	1	1
36	PAFZZ	PAOZZ		PAFZZ	8C367	028099-3200	KIT M TERMINAL	1	1
37	PAFZZ	PAOZZ		PAFZZ	8C367	028099-5650	KIT C TERMINAL	1	1
38	PAFZZ	PAOZZ		PAFZZ	8C367	053660-7170	CONTACT, ELECTRICAL	1	1
	PBFZZ	PBOZZ		PBFZZ	1CX05	028099-5780	KIT, STARTER PINION	1	1
							PINION, START (1) 7-24		
							RETAINER (1) 7-25		
							ROLLER,		
							CLUTCH (5) 7-26		
							RETAINER (1) 7-27		

END OF FIGURE



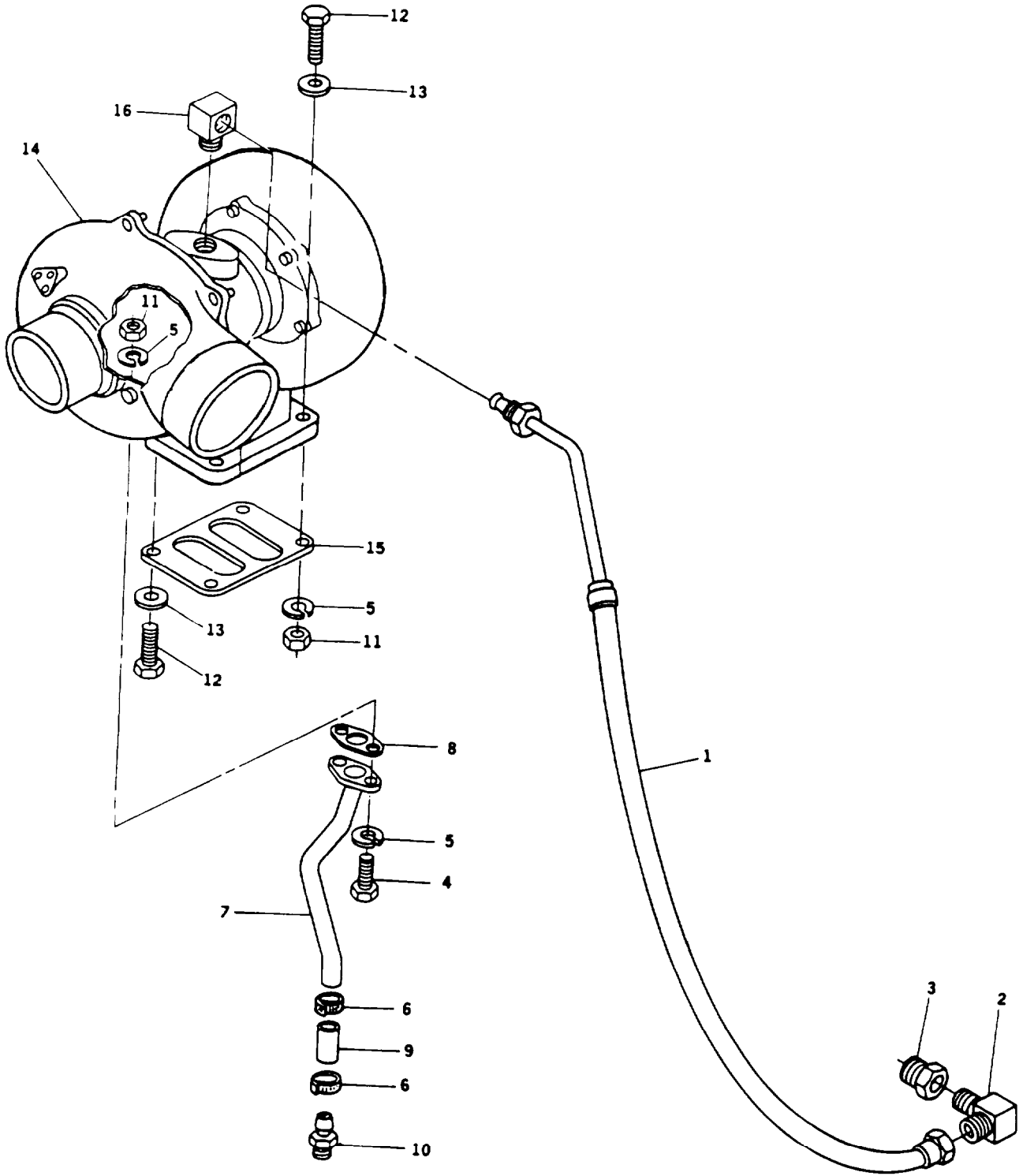


FIGURE 8. Turbocharger

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a.	SMR	CODE	d.					USMC
NO.	ARMY	b.	c.	USMC	FSCM	PART	DESCRIPTION AND	QTY	QTY
		AIR	NAVY			NUMBER	USABLE ON CODE (UOC)		PER
		FORCE							EQUIP
GROUP 03 - INTAKE AND EXHAUST									
FIG. 8 TURBOCHARGER									
1	PAOZZ	PAOZZ		PAOZZ	75755	RE45421	HOSE ASSEMBLY	1	1
2	PAOZZ	PAOZZ		PAOZZ	75755	AR26708	ELBOW,PIPE TO TUBE	1	1
3	PAOZZ	PAOZZ		PAOZZ	75755	R39503	ADAPTER,STRAIGHT	1	1
4	PAOZZ	PAOZZ		PAOZZ	75160	19H2284	SCREW,CAP,HEXAGON H 3/8" X 7/8"	2	4
5	PAOZZ	PAOZZ		PAOZZ	75160	12H304	WASHER,LOCK 3/8"	6	48
6	PAOZZ	PAOZZ		PAOZZ	81343	SAE J1508-06	CLAMP,HOSE	2	2
7	PAOZZ	PAOZZ		PAOZZ	75755	RE19265	TUBE AND FITTINGS,M	1	1
8	PAOZZ	PAOZZ		PAOZZ	79150	I-2990M	GASKET, PART OF KIT PIN RE38851, KIT P/N RE38857	1	1
9	MOOZZ	MOO		MOOZZ	75755	R120013	HOSE,NONMETALLIC MAKE FROM P/N 6700900 (73342), 5 INCHES REQUIRED	1	1
10	PAOZZ	PAOZZ		PAOZZ	75755	R39503	ADAPTER,STRAIGHT,PI	1	2
11	PAFZZ	PAOZZ		PAFZZ	21585	38105-7	NUT,PLAIN,EXT 3/8"	4	7
12	PAFZZ	PAOZZ		PAFZZ	96906	MS35307-365	SCREW,CAP,HEXAGON H 3/8" x 1-3/4"	4	4
13	PAFZZ	PAOZZ		PAFZZ	75160	24H1305	WASHER,FLAT 13/32" X 13/16" X .060"	4	4
14	PBFZZ	PBOZZ		PBFZZ	75160	RE40414	TURBOSUPERCHARGER,A	1	1
15	PAFZZ	PAOZZ		PAFZZ	75755	R89879	GASKET, PART OF KIT P/N RE38851, KIT PIN RE38857	1	1
16	PAFZZ	PAOZZ		PAFZZ	75755	T11180	ELBOW,PIPE TO TUBE	1	1
END OF FIGURE									

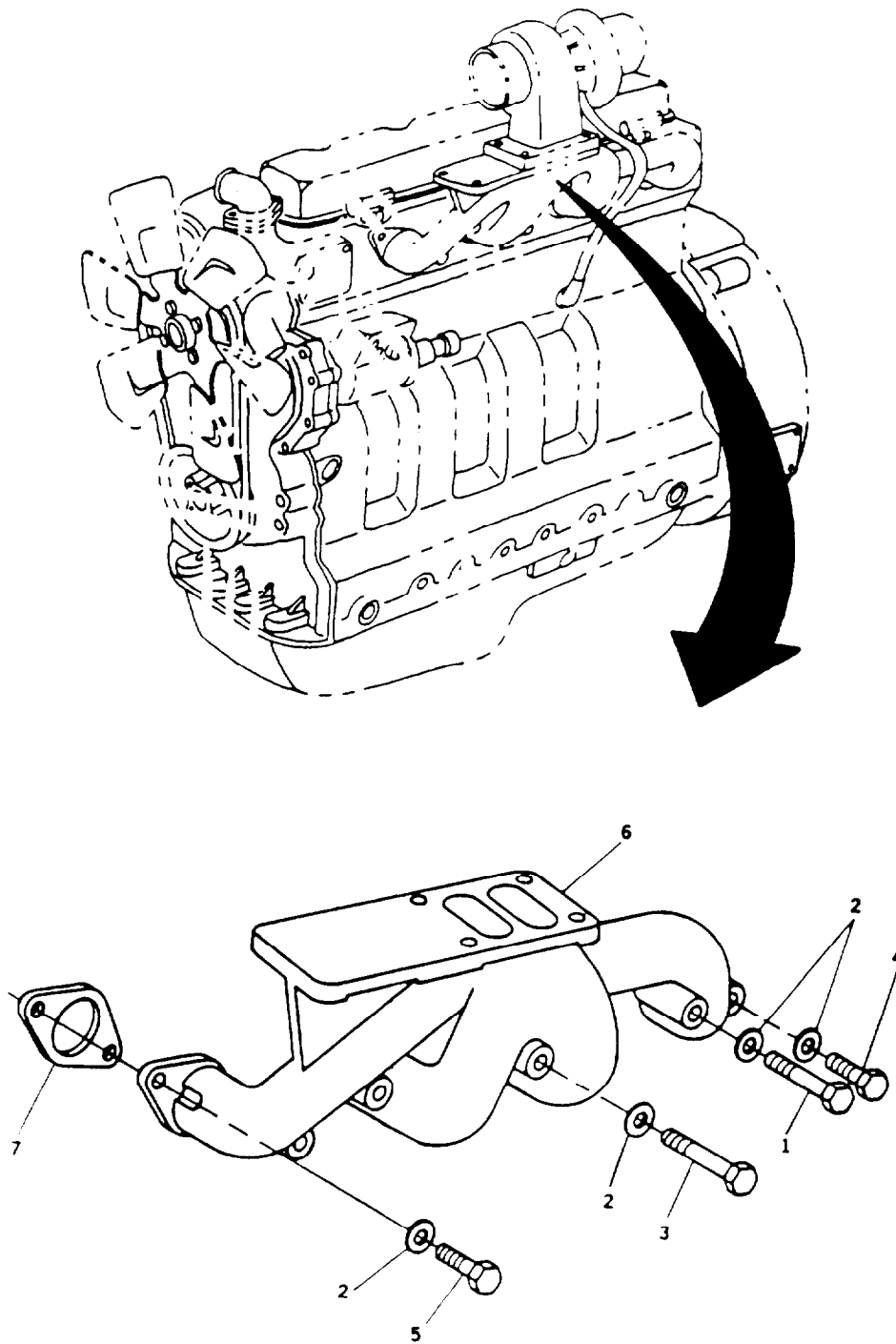


FIGURE 9. Exhaust Manifold



**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
							GROUP 03 - INTAKE AND EXHAUST		
							FIG. 9 EXHAUST MANIFOLD		
1	PAFZZ	PAOZZ		PAFZZ	75160	19H3737	SCREW,CAP SOCKET HE 3/8" x 4-1/4"	2	2
2	PAFZZ	PAOZZ		PAFZZ	75160	24M7106	WASHER,FLAT 13/32" X 23/32" x .120"	8	26
3	PAFZZ	PAOZZ		PAFZZ	75160	19H3746	SCREW,CAP,SOCKET HE 3/8" x 5"	2	2
4	PAFZZ	PAOZZ		PAFZZ	75755	19H3411	SCREW,CAP,HEXAGON H 3/8" X 1-1/8"	3	3
5	PAFZZ	PAOZZ		PAFZZ	75160	19H3738	SCREW,CAP,HEXAGON H 3/8" x 5"	1	1
6	PBFZZ	PBOZZ		PBFZZ	75755	R52819	MANIFOLD,EXHAUST	1	1
7	PAFZZ	PAOZZ		PAFZZ	75160	R90658	GASKET, PART OF KIT PIN RE38851, KIT P/N RE38857	4	4
							END OF FIGURE		

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

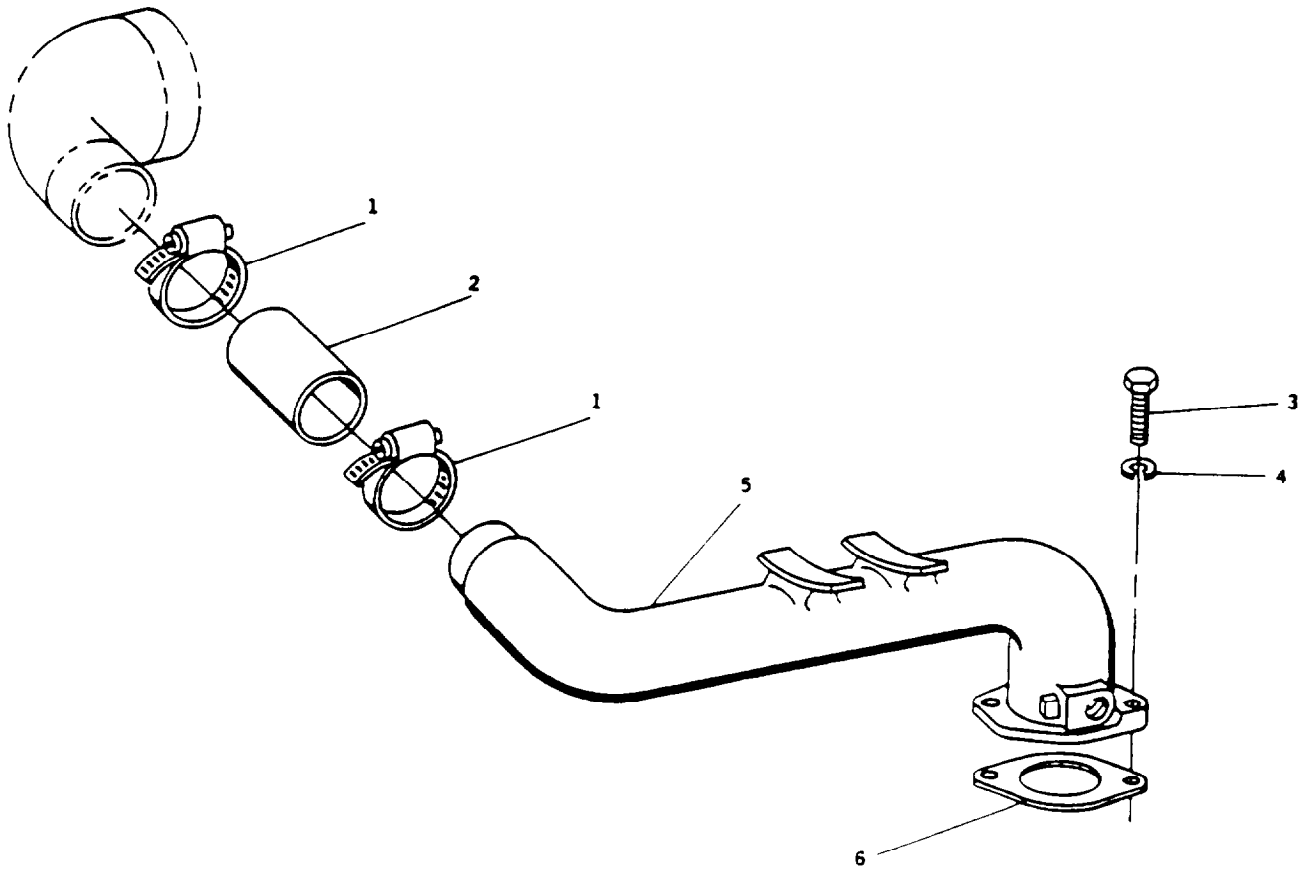


FIGURE 10. Intake Manifold

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 03 - INTAKE AND EXHAUST		
							FIG. 10 INTAKE MANIFOLD		
1	PAFZZ	PAOZZ		PAFZZ	75160	R110531	CLAMP, HOSE	2	2
2	PAFZZ	PAOZZ		PAFZZ	75755	R56551	HOSE, NONMETALLIC	1	1
3	PAFZZ	PAOZZ		PAFZZ	75160	19H3239	SCREW, CAP, HEXAGON H 3/8" UNC - 2A X 1-1/4"	2	22
4	PAFZZ	PAOZZ		PAFZZ	75160	12H304	WASHER, LOCK 3/8"	2	4
5	PBFZZ	PBOZZ		PBFZZ	75160	R80152	PIPE, EXHAUST	1	1
6	PAFZZ	PAOZZ		PAFZZ	75160	R81275	GASKET, PART OF KIT P/N RE38851, KIT P/N RE38857	1	1
							END OF FIGURE		

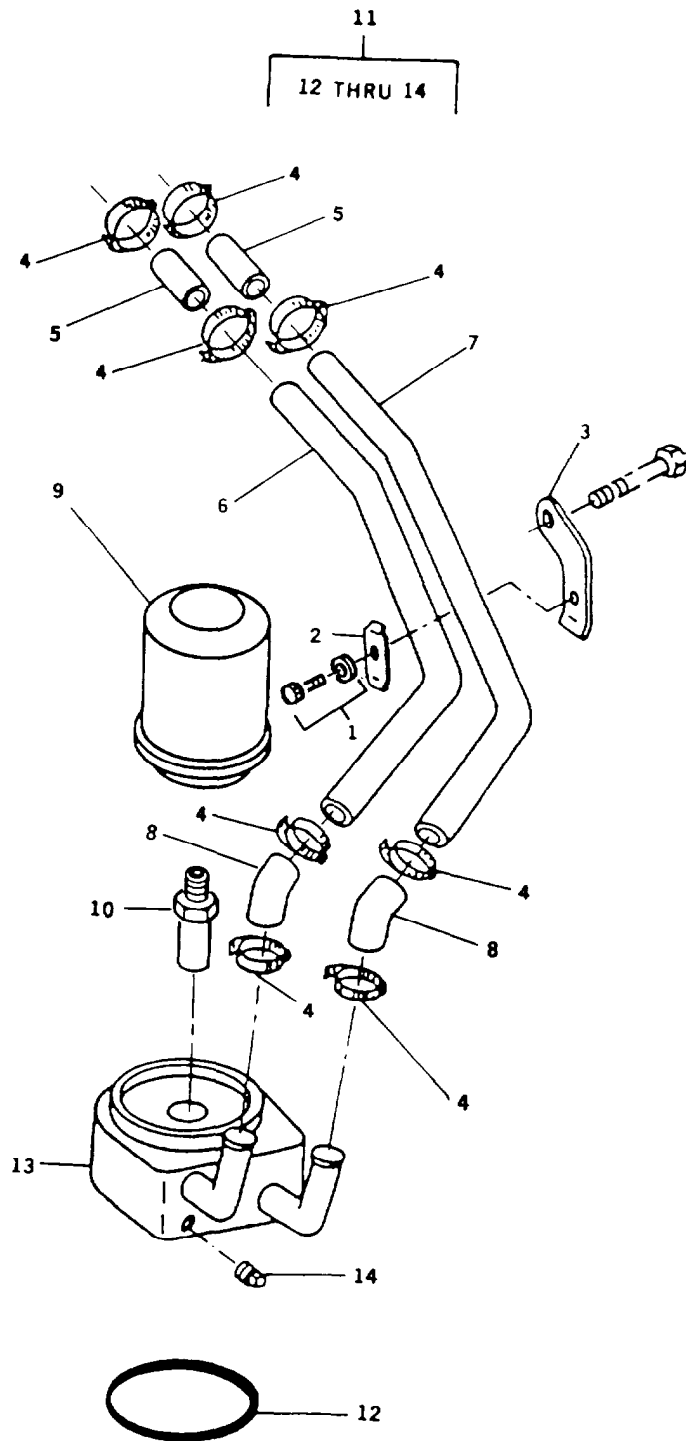


FIGURE 11. Oil Filter and Cooler

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 04 - LUBRICATION SYSTEM FIG. II OIL FILTER AND COOLER		
1	PAOZZ	PAOZZ		PAOZZ	75160	AR76704	SCREW CLAMP NO. 10 -24 UNC - 2A X 1" (INCLUDES WASHER)	1	1
2	PAOZZ	PAOZZ		PAOZZ	75160	R55129	STRAP,RETAINING	1	1
3	PAOZZ	PAOZZ		PAOZZ	75160	R55128	CLAMP	1	1
4	PAOZZ	PAOZZ		PAOZZ	75755	RE32361	CLAMP,HOSE	8	10
5	MFOZZ	MFOZZ		MFOZZ	75160	T60811-1	HOSE, NONMETALLIC M/F HOSE P/N T60811 (75160). CUT TO LENGTH	2	2
6	PBOZZ	PBOZZ		PBOZZ	75755	R73602	TUBE,BENT,METALLIC	1	1
7	PBOZZ	PBOZZ		PBOZZ	75755	R73603	TUBE,BENT,METALLIC	1	1
8	PBOZZ	PBOZZ		PBOZZ	75755	R99802	HOSE,PREFORMED	2	3
9	PAOZZ	PAOZZ		PAOZZ	73370	PH20	FILTER ELEMENT,FLUI	1	1
10	PBOZZ	PBOZZ		PBOZZ	75755	T31306	NIPPLE,PIPE	1	1
11	PAFZZ	PAOZZ		PAFZZ	75755	RE31929	COOLER,LUBRICATING	1	1
12	PAOZZ	PAOZZ		PAOZZ	75755	RI05714	O-RING	1	1
13	XAFZZ	XA		XAFZZ	75160	RE31929-1	COOLER, CORE	1	1
14	PAOZZ	PAOZZ		PAOZZ	75160	R56947	PLUG,MACHINE THREAD	1	1

END OF FIGURE

ARXY TM 9-2815-255-243  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TX 2815-24P/2

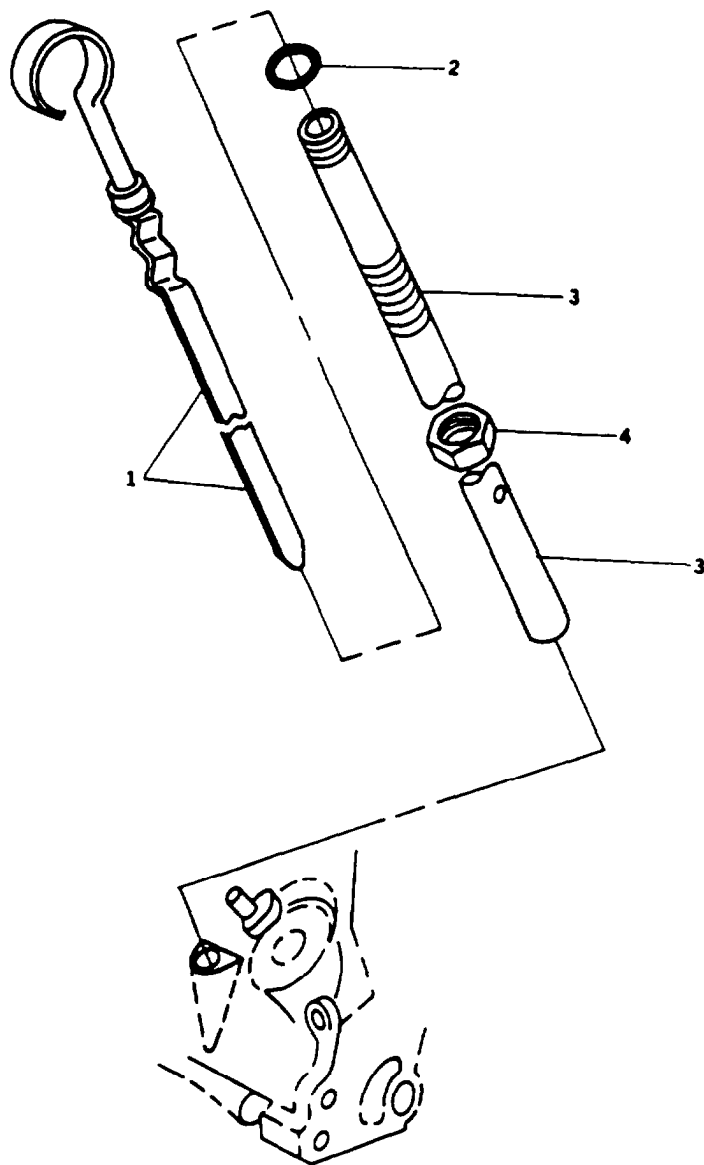


FIGURE 12. Dipstick

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a.	SMR	CODE	d.	PART	DESCRIPTION AND		USMC	
NO.	ARMY	AIR	NAVY	USMC	FSCM	USABLE ON CODE (UOC)	QTY	PER	EQUIP
		FORCE			NUMBER				
						GROUP 04 - LUBRICATION SYSTEM			
						FIG. 12 DIPSTICK			
1	PAOZZ	PAOZZ		PAOZZ	75160	RE40547			
						GAGE ROD, LIQUID LEV	1		1
2	PAOZZ	PAOZZ		PAOZZ	75160	A3917R			
						PACKING, PREFORMED	1		1
3	XDOZZ	XB		XBOZZ	75160	R100889			
						TUBE, DIPSTICK	1		1
4	PAOZZ	PAOZZ		PAOZZ	75160	14H826			
						NUT, HEX JAM	1		2
						END OF FIGURE			

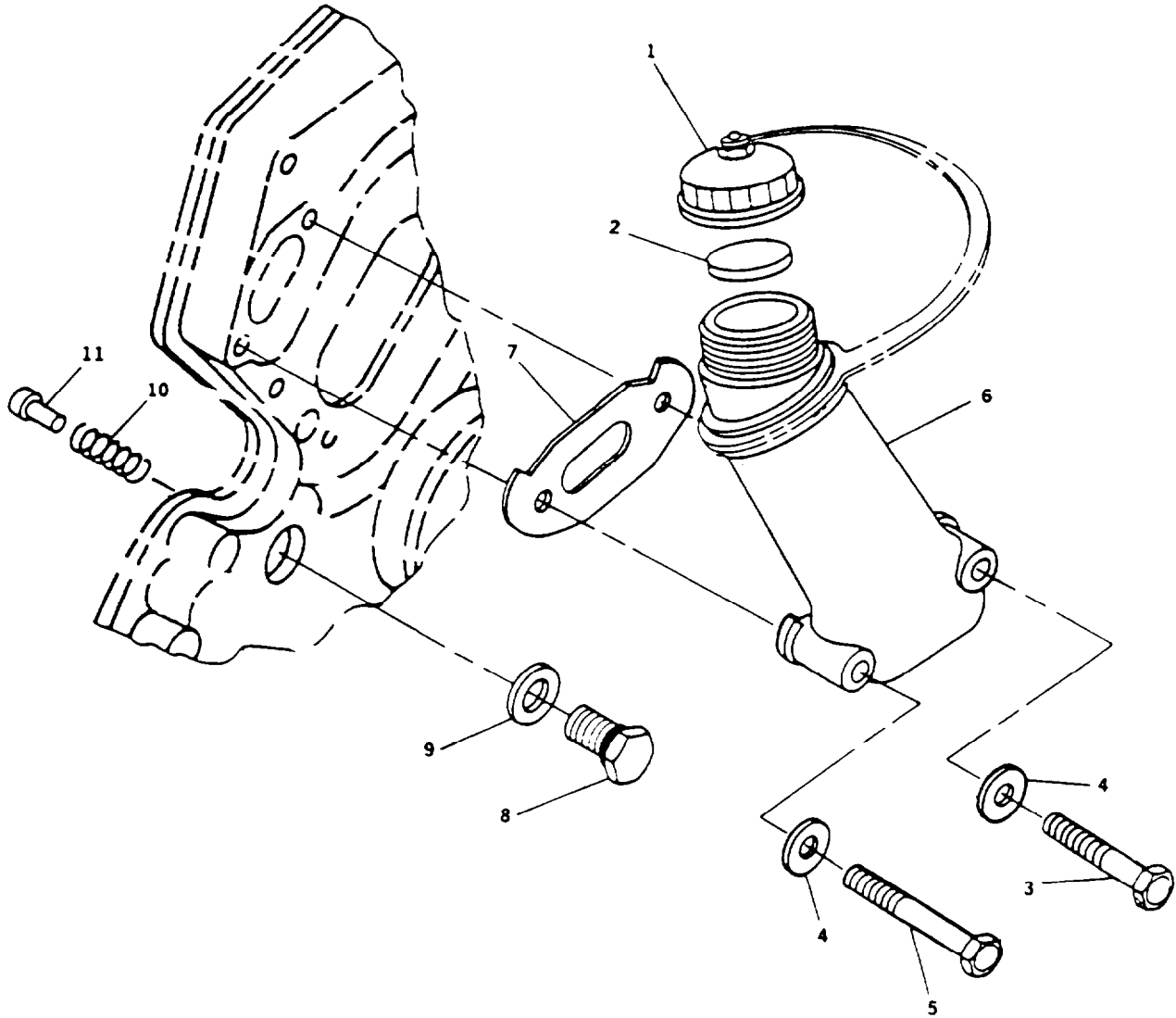


FIGURE 13. Oil Filler and Regulating Valve Assembly



ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a.	SMR	CODE	d.	FSCM	PART	DESCRIPTION AND	QTY	USMC
NO	ARMY	b. AIR	c. NAVY	USMC		NUMBER	USABLE ON CODE (UOC)	EQUIP	PER
		FORCE							
							GROUP 04 -LUBRICATION SYSTEM		
							FIG. 13 OIL FILLER & REGULATING VALVE AY		
1	PAOZZ	PAOZZ		PAOZZ	75160	RE41740	CAP,FILLER OPENING INCLUDES NECK STRAP	1	1
2	PAOZZ	PAOZZ		PAOZZ	75160	R80135	RETAINER,PACKING	1	1
3	PAOZZ	PAOZZ		PAOZZ	75160	19H3217	SCREW,CAP,HEXAGON H 3/8" X 1-5/8"	1	1
4	PROZZ	PROZZ		PROZZ	75160	24H1304	WASHER,FLAT 3/8"	2	26
5	PAOZZ	PAOZZ		PAOZZ	75160	19H3743	SCREW,CAP,SOCKET HE HS, SAE 8, 3/8" X 3"	1	1
6	XDOZZ	XB		XBOZZ	75160	RE26917	NECK, OIL FILLER	1	1
7	PAOZZ	PAOZZ		PAOZZ	75160	R87259	RETAINER,PACKING	1	1
8	PAFZZ	PAOZZ		PAFZZ	75160	T27657	PLUG,MACHINE THREAD	1	1
9	PAFZZ	PAOZZ		PAFZZ	75160	A4827R	WASHER,SPRING TENSI	1	1
10	PAFZZ	PAOZZ		PAFZZ	75160	T27658	SPRING,HELICAL,COMP	1	1
11	PAFZZ	PAOZZ		PAFZZ	75755	R83169	VALVE,FUEL SYSTEM	1	1
							END OF FIGURE		

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TX 2815-24P/2

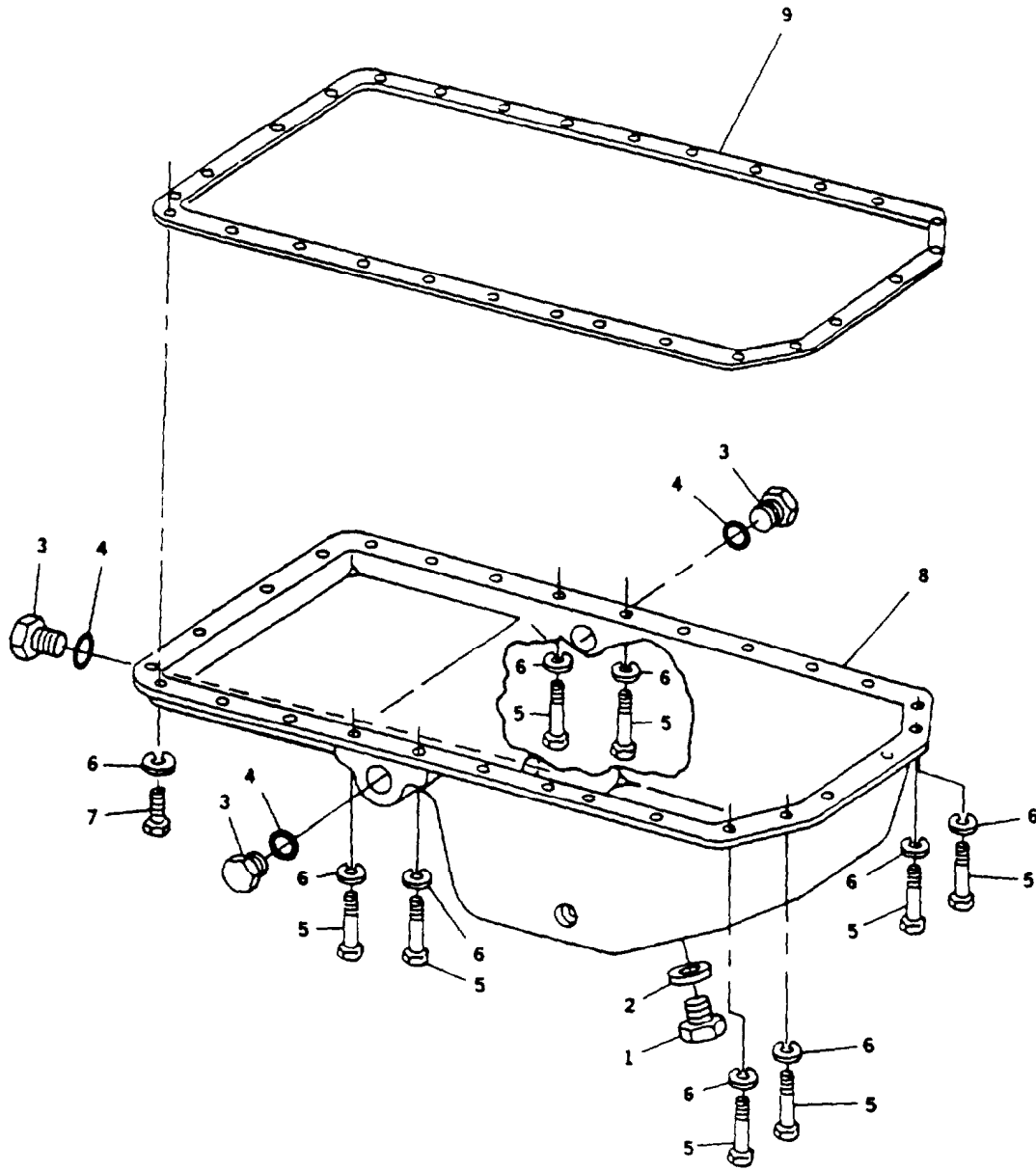


FIGURE 14. Oil Pan

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 04 - LUBRICATION SYSTEM		
							FIG. 14 OIL PAN		
1	PAFZZ	PAOZZ		PAFZZ	75160	M1746T	PLUG, MACHINE THREAD	1	1
2	PAFZZ	PAOZZ		PAFZZ	75160	T13213	WASHER, SPRING TENSILE, PART OF KIT P/N RE38857	1	1
3	PAFZZ	PAOZZ		PAFZZ	75160	R27474	PLUG, MACHINE THREAD	3	3
4	PAFZZ	PAOZZ		PAFZZ	81349	M83248/2-910	O-RING	3	3
5	PAFZZ	PAOZZ		PAFZZ	75755	19H3411	SCREW, CAP, HEXAGON H 3/8" X 2" LONG	8	12
6	PAFZZ	PAOZZ		PAFZZ	75160	12H304	WASHER, LOCK 3/8"	28	4
7	PAFZZ	PAOZZ		PAFZZ	75755	19H3411	SCREW, CAP, HEXAGON H 3/8" x 1-1/8"	20	12
8	XDFZZ	XB		XBFZZ	75160	R82426	PAN, OIL	1	1
9	PBFZZ	PBOZZ		PBFZZ	75160	R97342	GASKET, PART OF KIT P/N RE38857	1	1

END OF FIGURE

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

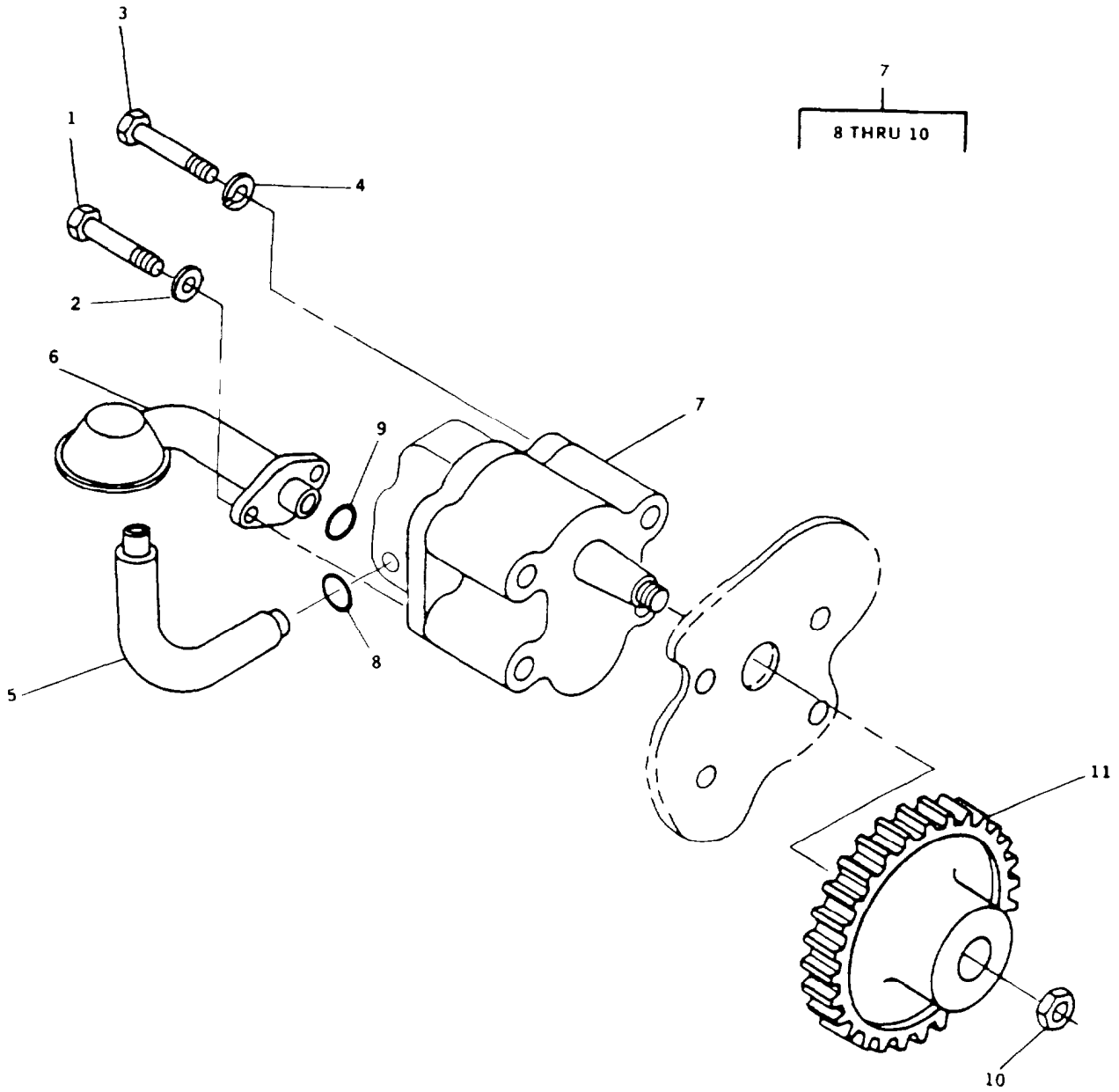


FIGURE 15. Oil Pump Assembly

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2) SMR CODE				(3)	(4)	(5)	(6)	(7)
ITEM NO.	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
							GROUP 04 - LUBRICATION SYSTEM		
							FIG. 15 OIL PUMP ASSEMBLY		
1	PAFZZ	PAOZZ		PAFZZ	75160	R74552	BOLT,MACHINE 3/8" - 16 UNC - 2A X 4-1/8", SAE GRADE 8	2	2
2	PAFZZ	PAOZZ		PAFZZ	75160	R74553	WASHER,FLAT	2	2
3	PAFZZ	PAOZZ		PAFZZ	75160	R57059	SCREW,CAP,HEXAGON H	2	2
4	PAFZZ	PAOZZ		PAFZZ	75160	R74553	WASHER,FLAT	2	2
5	PBFZZ	PBOZZ		PBFZZ	75160	R113752	TUBE, OUTLET OIL BRA	1	1
6	PAFZZ	PAOZZ		PAFZZ	75160	RE54412	INTAKE, OIL PUMP	1	1
7	PBFZZ	PBOZZ		PBFZZ	75160	RE55343	OIL PUMP ASSEMBLY,E	1	1
8	PAFZZ	PAOZZ		PAFZZ	75160	R74354	.PACKING, PREFORMED	1	1
9	PAFZZ	PAOZZ		PAFZZ	75160	R61871	.O-RING	1	1
10	PBFZZ	PBOZZ		PBFZZ	75160	14H826	.NUT, HEX JAM 1/2"	1	2
11	PBFZZ	PBOZZ		PBFZZ	75755	T20298	GEAR,SPUR	1	1
							END OF FIGURE		

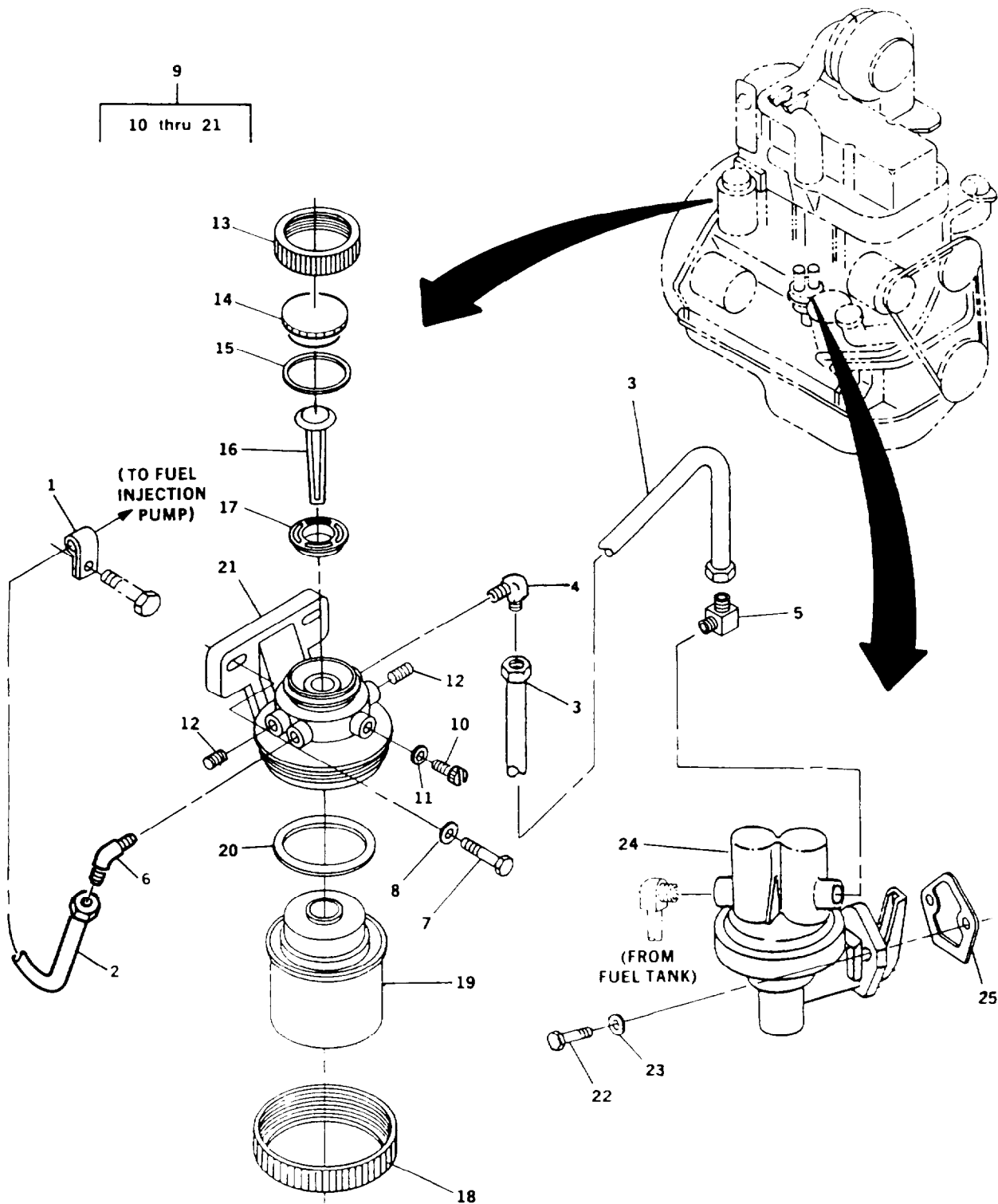


FIGURE 16. Fuel Filter and Pump

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a.	SMR	CODE	d.	PART	DESCRIPTION AND	QTY	USMC	
NO.	ARMY	b.	c.	USMC	NUMBER	USABLE ON CODE (UOC)	EQUIP	PER	
		AIR	NAVY						
		FORCE			FSCM				
GROUP 05 - FUEL SYSTEM									
FIG. 16 FUEL FILTER AND PUMP									
1	PAOZZ	PAOZZ		PAOZZ	75160	R56588	BRACKET, FUEL LINE	1	1
2	XDOZZ	XB		XBOZZ	75755	RE36689	TUBE ASSY, METALLIC	1	1
3	XDOZZ	XB		XBOZZ	75160	RE48710	LINE, FUEL	1	1
4	PAOZZ	PAOZZ		PAOZZ	75160	U45538	ELBOW, PIPE TO TUBE	3	3
5	PAOZZ	PAOZZ		PAOZZ	75755	R82131	ELBOW, PIPE 1/8" - 27 NPTF X 1 1/2" - 20 UNF	2	2
6	PAOZZ	PAOZZ		PAOZZ	75160	M49487	ELBOW, PIPE TO TUBE	2	1
7	PAOZZ	PAOZZ		PAOZZ	80204	B1821BH038C100N	SCREW,CAP,HEXAGON H W	2	20
8	PAOZZ	PAOZZ		PAOZZ	75755	24M7239	WASHER,FLAT	2	5
9	PBOOO	PB		PBOOO	84760	29586	FILTER,FLUID	1	1
10	PBOZZ	PBOZZ		PBOZZ	84760	28691	.GROMMET,METALLIC	1	1
11	PBOZZ	PBOZZ		PBOZZ	84760	28693	.GASKET	1	1
12	XDOZZ	XB		XBOZZ	84760	10402	.PLUG,TAPERED	2	2
13	PBOZZ	PBOZZ		PBOZZ	84760	28849	.NUT,PLAIN,CAP	1	1
14	PBOZZ	PBOZZ		PBOZZ	84760	28853	.GASKET	1	1
15	PAOZZ	PAOZZ		PAOZZ	84760	28869	.SEAL,PLAIN	1	1
16	XDOZZ	XB		XBOZZ	84760	29552	.PLUG, VOLUME	1	1
17	PBOZZ	PBOZZ		PBOZZ	84760	29575	.STRAINER ELEMENT, SE	1	1
18	PBOZZ	PBOZZ		PBOZZ	78514	29458	.RING, RETAINING	1	1
19	PAOZZ	PAOZZ		PAOZZ	75755	RE62418	FILTER ELEMENT, FLUI		1
20	PBOZZ	PBOZZ		PBOZZ	84760	29577	.SEAL, PLAIN ENCASED	1	1
21	PBOZZ	PBOZZ		PBOZZ	75160	RE63180	.HEAD, FLUID FILTER	1	1
22	PAOZZ	PAOZZ		PAOZZ	75160	19H1849	SCREW,CAP,HEXAGON H	2	2
23	PBOZZ	PBOZZ		PBOZZ	75755	T27860	WASHER,FLAT	2	5
24	PAOZZ	PAOZZ		PAOZZ	75755	RE27667	PUMP,FUEL,CAM ACTUA	1	1
25	PBOZZ	PBOZZ		PBOZZ	75755	R97350	GASKET, PART OF KIT P/N RE38851	1	1

END OF FIGURE

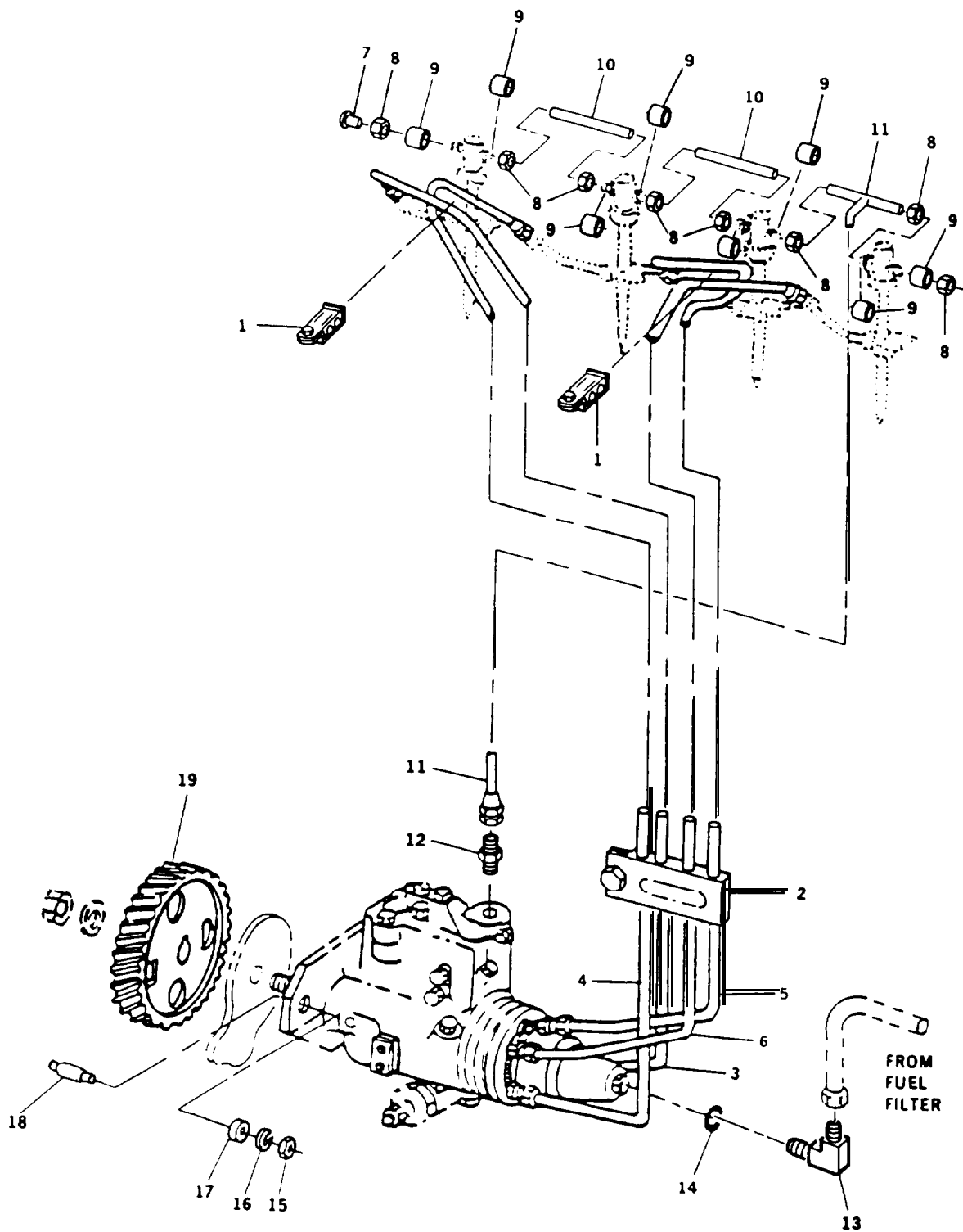


FIGURE 17. Fuel Lines



ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	a. ARMY	(2) SMR b. AIR FORCE	CODE c. NAVY	d. USMC	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
GROUP 05 - FUEL SYSTEM FIG. 17 FUEL LINES									
1	PBOZZ	PBOZZ		PBOZZ	75160	RE19797	CLAMP, LOOP INCLUDES ATTACHING HARDWARE	2	2
2	PBOZZ	PBOZZ		PBOZZ	75160	REI9799	CLAMP, LOOP INCLUDES All-ACHING HARDWARE	1	1
3	PBOZZ	PBOZZ		PBOZZ	75755	RE43284	TUBE ASSEMBLY, METAL NUMBER ONE CYLINDER	1	1
4	PBOZZ	PBOZZ		PBOZZ	75755	RE43285	TUBE ASSEMBLY, METAL NUMBER TWO CYLINDER	1	1
5	PBOZZ	PBOZZ		PBOZZ	75755	RE43286	TUBE ASSEMBLY, METAL NUMBER THREE CYLINDER	1	1
6	PBOZZ	PBOZZ		PBOZZ	75755	RE43287	TUBE ASSEMBLY, METAL NUMBER FOUR CYLINDER	1	1
7	PBOZZ	PBOZZ		PBOZZ	75160	16H658	RIVET	1	1
8	PAOZZ	PAOZZ		PAOZZ	75755	R51937	NUT, TUBE COUPLING	8	8
9	PAOZZ	PAOZZ		PAOZZ	75160	R51936	BUSHING, NONMETALLIC	8	8
10	PAOZZ	PAOZZ		PAOZZ	75755	R66090	COUPLING, TUBE	2	2
11	XDOZZ	XB		XBOZZ	75160	AR89852	TUBE ASSEMBLY, METAL	1	1
12	PBOZZ	PBOZZ		PBOZZ	75755	R35352	ADAPTER, STRAIGHT, PI	1	1
13	PAOZZ	PAOZZ		PAOZZ	75160	RE56322	FITTING, TEE	1	1
14	PAOZZ	PAOZZ		PAOZZ	75160	R26286	O-RING	1	1
15	PBFZZ	PBOZZ		PBFZZ	75160	14H785	NUT	3	3
16	PAFZZ	PAOZZ		PAFZZ	75160	12H303	WASHER, LOCK	3	1
17	PBFZZ	PBOZZ		PBFZZ	75755	T27860	WASHER, FLAT	3	1
18	PBFZZ	PBOZZ		PBFZZ	75160	T23442	STUD	3	3
19	PBFZZ	PBOZZ		PBFZZ	75755	R76964	GEAR, SPUR	1	1

END OF FIGURE



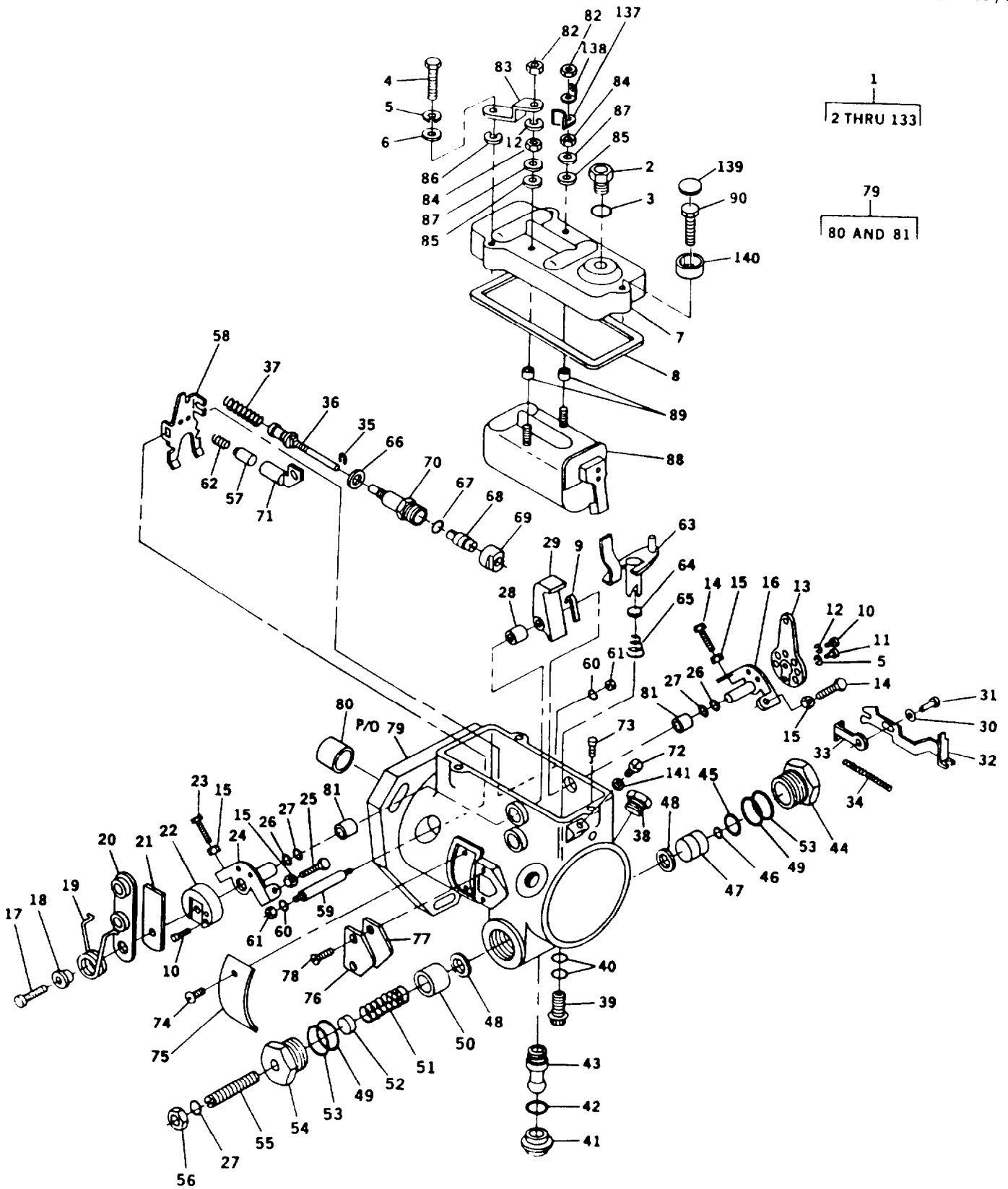


FIGURE 18. Fuel Injection Pump (Sheet 1 of 2)

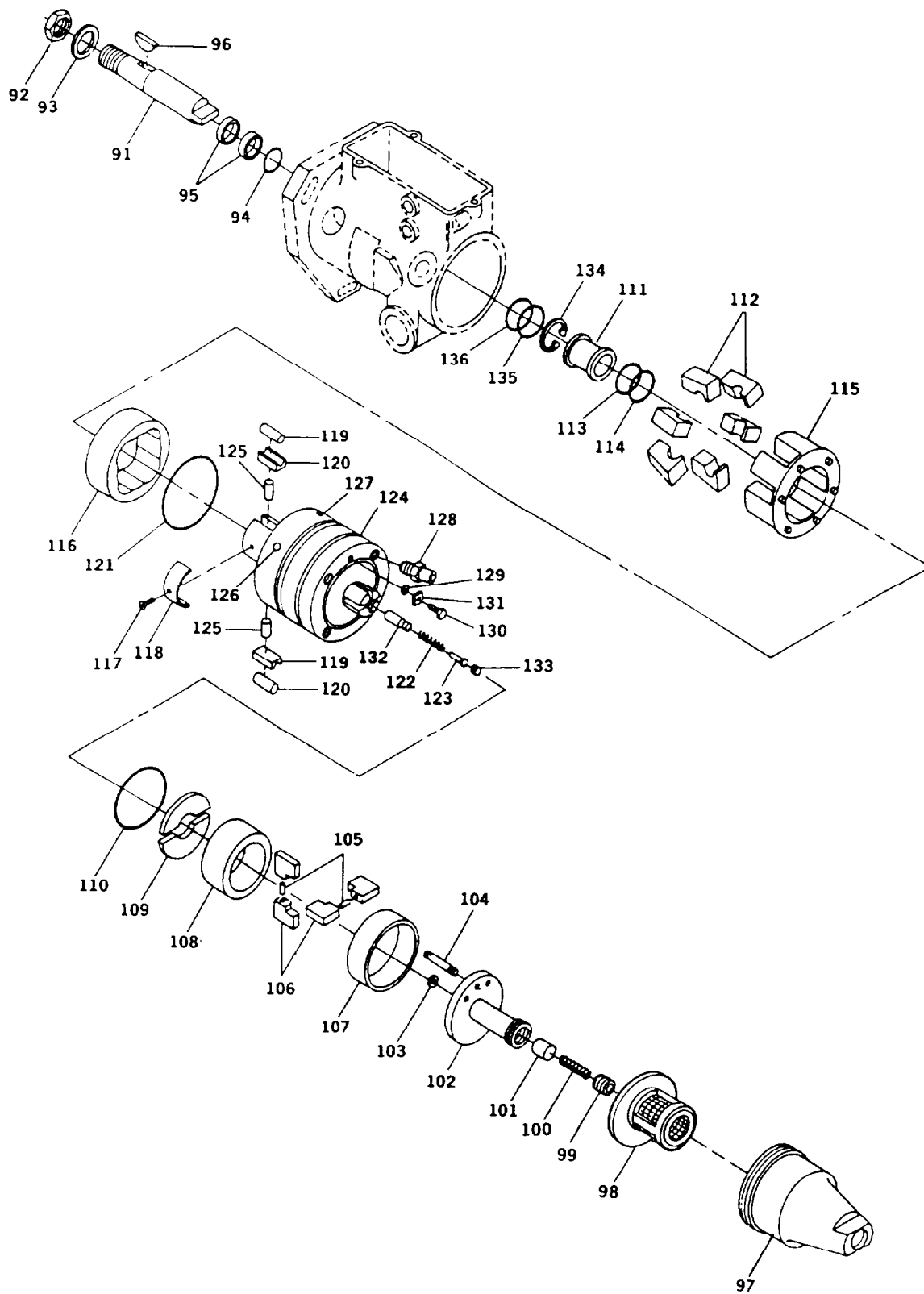


FIGURE 18. Fuel Injection Pump (Sheet 2 of 2)

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 05 - FUEL SYSTEM FIG. 18 FUEL INJECTION PUMP									
1	PAFHH	PAFHH		PAFHH	84760	04806	PUMP, FUEL, METERING	1	1
2	XDHZZ	XA		XBHZZ	78514	21251	.CONNECTOR ASSY.	1	1
3	PAHZZ	PAOZZ		PAHZZ	84760	27607	.O-RING , PART OF KIT P/N 24373	1	1
4	PAHZZ	PAOZZ		PAHZZ	96906	MS35265-68	.SCREW, MACHINE	2	2
5	PBHZZ	PBOZZ		PBHZZ	84760	11582	.WASHER, LOCK	3	3
6	PBHZZ	PBOZZ		PBHZZ	0BND4	13521	.WASHER, FLAT	3	3
7	XDHZZ	XA		XBHZZ	84760	21898	.COVER, ACCESS	1	1
8	PAHZZ	PAOZZ		PAHZZ	84760	27244	.GASKET, PART OF KIT P/N 24373	1	1
9	XDHZZ	XA		XBHZZ	84760	14966	.CAM ASSEMBLY, SHUT	1	1
10	PAHZZ	PAOZZ		PAHZZ	96906	MS16997-30	.SCREW, CAP, SOCKET HE	2	2
11	XDHZZ	XA		XBHZZ	78514	12998	.SCREW, ADJ. SHUT-OF	1	1
12	PBHZZ	PBOZZ		PBHZZ	0BND4	12049	.WASHER, LOCK	2	2
13	XDHZZ	XA		XBHZZ	84760	12985	.LEVER, THROTTLE ADJ	1	1
14	XDHZZ	XA		XBHZZ	84760	12972	.SCREW, MACHINE	2	2
15	PAHZZ	PAOZZ		PAHZZ	84760	12174	.NUT, PLAIN, HEXAGON	4	4
16	XDHZZ	XA		XBHZZ	84760	16247	.SHAFT ASSEMBLY, SHUT	1	1
17	PBHZZ	PBOZZ		PBHZZ	84760	15668	.SCREW, CAP, SOCKET HE	1	1
18	PBHZZ	PBOZZ		PBHZZ	84760	13010	.RETAINER, HELICAL CO	1	1
19	PAHZZ	PAOZZ		PAHZZ	84760	1323	.SPRING, HELICAL, TORS	1	1
20	XDHZZ	XA		XBHZZ	84760	16392	.LEVER, ASSEMBLY	1	1
21	XDHZZ	XA		XBHZZ	84760	16136	.ARM, ADJUSTING	1	1
22	XDHZZ	XA		XBHZZ	78514	16135	.SPACER, THROTTLE	1	1
23	PBHZZ	PBOZZ		PBHZZ	84760	12167	.SCREW	1	1
24	PAHZZ	PAOZZ		PAHZZ	0BND4	12019	.SHAFT ASSY, THROTTLE	1	1
25	PBHZA	PBHZA		PBHZA	84760	12169	.SCREW, MACHINE	1	1
26	XDHZZ	XA		XBHZZ	0BDN4	14408	.WASHER, FLAT , PART OF KIT P/N 24373	2	2
27	PBHZZ	PBOZZ		PBHZZ	0BND4	17438	.SEAL RING, METAL , PART OF KIT P/N 24373	3	3
28	XDHZZ	XA		XBHZZ	78514	16587	.SPACER, THROTTLE	1	1
29	XDHZZ	XA		XBHZZ	84760	12221	.LEVER, THROTTLE	1	1
30	PBHZZ	PBOZZ		PBHZZ	0BND4	12362	.WASHER, FLAT	1	1
31	PAHZZ	PAOZZ		PAHZZ	84760	12360	.SCREW, MACHINE	1	1
32	PBHZZ	PBOZZ		PBHZZ	75755	R48516	.HOOK, GOVERNOR LINKA	1	1
33	XDHZZ	XA		XBHZZ	84760	20225	.CONNECTING LINK	1	1
34	PAHZZ	PAOZZ		PAHZZ	84760	11919	.SPRING, HELICAL, EXTE	1	1

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
35	XDHZZ	XA		XBHZZ	78514	13554	.PIN, CONTROL SPRING	1	1
36	XDHZZ	XA		XBHZZ	78514	20240	.ROD ASSEMBLY, CONTRO	1	1
37	XDHZZ	XA		XBHZZ	78514	13558	.SPRING, CONTROL	1	1
38	PAHZZ	PAOZZ		PAHZZ	84760	11331	.BOLT,MACHINE	2	2
39	XDHZZ	XA		XBHZZ	78514	22238	.SCREW	1	1
40	PBHZZ	PBOZZ		PBHZZ	84760	27602	.O-RING , PART OF KIT P/N 24373	2	2
41	XDHZZ	XA		XBHZZ	78514	23056	.PLUG	1	1
42	XDHZZ	XA		XBHZZ	78514	27610	.SEAL, PART OF KIT P/N 24373	1	1
43	XDHZZ	XA		XBHZZ	78514	15438	.SCREW, CAM ADVANCE	1	1
44	XDHZZ	XA		XBHZZ	78514	22655	.PLUG, PISTON HOLE	1	1
45	PBHZZ	PBOZZ		PBHZZ	0BND4	18967	.RING, PISTON	1	3
46	PAHZZ	PAOZZ		PAHZZ	60764	639064	.RETAINER, PACKING, PART OF KIT PIN 24373	1	1
47	XDHZZ	XA		XBHZZ	78514	22658	.PISTON, POWER	1	1
48	XDHZZ	XA		XBHZZ	78514	12622	.WASHER, SLIDE	2	2
49	PAHZZ	PAOZZ		PAHZZ	60764	639059	.O-RING , PART OF KIT P/N 24373	2	2
50	XDHZZ	XA		XBHZZ	78514	27907	. PISTON, SPRING	1	1
51	XDHZZ	XA		XBHZZ	78514	18959	.SPRING	1	1
52	XDHZZ	XA		XBHZZ	78514	14940	.GUIDE, ADV. ADJ.	1	1
53	PAHZZ	PAOZZ		PAHZZ	78514	18967	.PACKING,PREFORMED , PART OF KIT P/N 24373	2	2
54	XDHZZ	XA		XBHZZ	78514	14941	.PLUG, PISTON	1	1
55	PBHZZ	PBOZZ		PBHZZ	84760	14544	.SETSCREW	1	1
56	PBHZZ	PBOZZ		PBHZZ	0BND4	13807	.NUT, SELF-LOCKING, HE	1	1
57	XDHZZ	XA		XBHZZ	78514	16572	.PISTON ASSEMBLY	1	1
58	XDHZZ	XA		XBHZZ	78514	20219	.ARM, GOVERNOR	1	1
59	PBHZZ	PBOZZ		PBHZZ	84760	20224	.SHAFT, GOVERNOR	1	1
60	PBHZZ	PBOZZ		PBHZZ	84760	31332	.O-RING , PART OF KIT P/N 24373	2	2
61	PBHZZ	PBOZZ		PBHZZ	0BND4	12288	.NUT, SELF-LOCKING,RO	2	2
62	XDHZZ	XA		XBHZZ	78514	20475	.SPRING, DAMPER	1	1
63	XDHZZ	XA		XBHZZ	78514	11563	.VALVE ASSY, METER	1	1
63	XDHZZ	XA		XBHZZ	78514	22248	.VALVE ASSY, METERING OVERSIZE	1	1
64	XAHZZ	XAHZZ		XAHZZ	0BND4	26427	.. SHIM	1	1
65	XAHZZ	XAHZZ		XAHZZ	84760	20359	.. SPRING,HELICAL,COMP	1	1
66	XDHZZ	XA		XBHZZ	0BDN4	27606	.WASHER,SEAL , PART OF KIT P/N 24373	2	2
67	XDHZZ	XA		XBHZZ	78514	12966	.SEAL	1	1
68	XDHZZ	XA		XBHZZ	78514	20243	.CAP ASSEMBLY	1	1

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE			(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP	
	a. ARMY	b. AIR FORCE	c. NAVY						d. USMC
69	XDHZZ	XA		XBHZZ	3B788	20355	.CAP, DROOP CONTROL	1	1
70	PBHZZ	PBOZZ		PBHZZ	84760	27599	.ROD, STRAIGHT, HEADLE	1	1
71	PAHZZ	PAOZZ		PAHZZ	84760	16568	.BARREL ASSEMBLY DAM	1	1
72	XDHZZ	XA		XBHZZ	78514	12259	.SCREW	1	1
73	PAHZZ	PAOZZ		PAHZZ	84760	21661	.SCREW, ASSY. VENT #1	1	1
73	PAHZZ	PAOZZ		PAHZZ	84760	21662	.SCREW ASSY., VENT #2	1	1
73	PAHZZ	PAOZZ		PAHZZ	84760	21663	.SCREW ASSY. VENT #3	1	1
73	PAHZZ	PAOZZ		PAHZZ	84760	21664	.SCREW ASSY. VENT #4	1	1
73	PAHZZ	PAOZZ		PAHZZ	84760	21665	.SCREW ASSY. VENT #5	1	1
73	PBHZZ	PBOZZ		PBHZZ	34623	5740572	.SCREW ASSY., VENT	1	1
74	XDHZZ	XA		XBHZZ	78514	24419	.SCREW, NAME PLATE	2	2
75	XDHZZ	XA		XBHZZ	78514	10394	.PLATE, NAME	1	1
76	XDHZZ	XA		XBHZZ	78514	23107	.COVER, TIMING LINE	1	1
77	XDHZZ	XA		XBHZZ	78514	27603	.GASKET	1	1
78	PAHZZ	PAOZZ		PAHZZ	84760	21194	.SCREW, MACHINE	2	2
79	XDHZZ	XA		XBHZZ	78514	27974	.HOUSING ASSEMBLY	1	1
80	PBHZZ	PBOZZ		PBHZZ	84760	23382	.BUSHING, MACHINE	1	1
81	PBHZZ	PBOZZ		PBHZZ	84760	24364	.SLEEVE	2	2
82	PBHZZ	PBOZZ		PBHZZ	0BND4	14760	.NUT, SELF-LOCKING,RO	2	2
83	XDHZZ	XA		XBHZZ	78514	20951	.STRAP, TERMINAL	1	1
84	PBHZZ	PBOZZ		PBHZZ	0BND4	12519	.NUT, PLAIN, ROUND	2	2
85	PBHZZ	PBOZZ		PBHZZ	0BND4	12500	.INSULATOR, WASHER	1	2
86	PAHZZ	PAOZZ		PAHZZ	84760	18493	.WASHER, LOCK	1	1
87	PBHZZ	PBOZZ		PBHZZ	0BND4	18501	.WASHER, FLAT	2	2
88	PAHZZ	PAOZZ		PAHZZ	84760	26387	.FRAME ASSEMBLY, SOLE	1	1
89	XDHZZ	XA		XBHZZ	78514	23190	.STUD PART OF KIT P/N 24373	2	2
90	PBHZZ	PBOZZ		PBHZZ	84760	22351	.SCREW, MACHINE	1	1
91	XDHZZ	XA		XBHZZ	78514	27639	.SHAFT, DRIVE	1	1
92	XDHZZ	XA		XBHZZ	78514	26346	.NUT, DRIVE SHAFT	1	1
93	PBHZZ	PBOZZ		PBHZZ	78514	32787	.WASHER, FLAT	1	1
94	XDHZZ	XA		XBHZZ	78514	23367	.SEAL, PILOT TUBE	1	1
95	XDHZZ	XA		XBHZZ	78514	10453	.SEAL, DRIVE SHAFT, PART OF KIT P/N 24373	2	2
96	XDHZZ	XA		XBHZZ	78514	30387	.KEY, DRIVE SHAFT	1	1
97	PBHZZ	PBOZZ		PBHZZ	0BND4	20525	.HOUSING, LIQUID PUMP	1	1
98	PBHZZ	PBOZZ		PBHZZ	0BND4	26617	.STRAINER ELEMENT, SE	1	1
99	XDHZZ	XA		XBHZZ	78514	15228	.PLUG ASSY.	1	1
100	XDHZZ	XA		XBHZZ	78514	19855	.SPRING, REGULATING	1	1
101	XDHZZ	XA		XBHZZ	84760	19895	.PISTON, VALVE	1	1
102	XDHZZ	XA		XBHZZ	84760	28987	.VALVE, REGULATING	1	1

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
103	XDHZZ	XA		XBHZZ	84760	19844	.O-RING , PART OF KIT P/N 24373	1	1
104	PBHZZ	PBOZZ		PBHZZ	0BND4	19837	.PIN,SPRING	1	1
105	PAHZZ	PAOZZ		PAHZZ	84760	15699	.SPRING,HELICAL,COMP	2	2
106	XDHZZ	XA		XBHZZ	78514	20803	.BLADE, TRANSFER	4	4
107	PBHZZ	PBOZZ		PBHZZ	0BND4	20528	.RING,WEARING	1	1
108	PBHZZ	PBOZZ		PBHZZ	0BND4	22988	.LINING,FRICTION	1	1
109	XDHZZ	XA		XBHZZ	78514	20530	.RETAINER, ROTOR	2	2
110	PAHZZ	PAOZZ		PAHZZ	84760	27245	.O-RING , PART OF KIT P/N 24373	2	2
110	PAHZZ	PAOZZ		PAHZZ	84760	27608	.O-RING, PART OF KIT P/N 24373	1	1
111	XDHZZ	XA		XBHZZ	78514	14483	.SLEEVE, GOVERNOR	1	1
112	XDHZZ	XA		XBHZZ	78514	20214	.WEIGHT, GOVERNOR	6	6
113	XDHZZ	XA		XBHZZ	78514	20222	.WASHER, THRUST	1	1
114	XDHZZ	XA		XBHZZ	78514	12285	.RING, RETAINING	1	1
115	XDHZZ	XA		XBHZZ	78514	28681	.RETAINER,WEIGHT,GOV	1	1
116	XDHZZ	XA		XBHZZ	78514	21687	.RING, CAM	1	1
117	XDHZZ	XA		XBHZZ	78514	11175	.SCREW	1	1
118	XDHZZ	XA		XBHZZ	78514	27139	.SPRING, LEAF	1	1
119	PBHZZ	PBOZZ		PBHZZ	0BND4	11141	.ROLLER,LINEAR-ROTAR	2	2
120	XDHZZ	XA		XBHZZ	78514	24569	.SHOE, CAM ROLLER	2	2
121	PAHZZ	PAOZZ		PAHZZ	84760	27245	.O-RING , PART OF KIT P/N 24373	1	1
122	XDHZZ	XA		XBHZZ	78514	16441	.SPRING	1	1
123	XDHZZ	XA		XBHZZ	78514	16440	.STOP, VALVE , PART OF KIT P/N 24373	1	1
124	XDHZZ	XA		XBHZZ	78514	32100	.HYD.HEAD&ROTOR ASSY	1	1
125	XDHZZ	XA		XBHZZ	78514	11086	..PLUNGER, ROTOR BASIC	2	2
125	XDHZZ	XA		XBHZZ	78514	11087	.. PLUNGER ROTOR STANDARD SIZE ,350 CODE A.	2	2
125	XDHZZ	XA		XBHZZ	78514	11088	..PLUNGER ROTOR STANDARD SIZE .350 CODE B.	2	2
125	XDHU	XA		XBHZZ	78514	11089	PLUNGER ROTOR STANDARD SIZE ,350 CODE C.	2	2
125	XDHZZ	XA		XBHZZ	78514	11090	PLUNGER ROTOR STANDARD SIZE ,350 CODE D.	2	2
125	XDHZZ	XA		XBHZZ	78514	11097	PLUNGER ROTOR OVERSIZE ,350 CODE A.	2	2
125	XDHZZ	XA		XBHZZ	78514	11098	PLUNGER ROTOR OVERSIZE .350 CODE B.	2	2



ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
125	XDHZZ	XA		XBHZZ	78514	11099	..PLUNGER ROTOR OVERSIZE .350 CODE C.	2	2
125	XDHZZ	XA		XBHZZ	78514	11100	..PLUNGER ROTOR OVERSIZE .350 CODE D.	2	2
126	PBHZZ	PBOZZ		PBHZZ	84760	11438	.. SETSCREW	1	1
127	PBHZZ	PBOZZ		PBHZZ	84760	12216	.. SETSCREW	1	1
128	PAHZZ	PAOZZ		PAHZZ	84760	20727	.. CONNECTOR, FUEL LINE	3	4
129	PBHZZ	PBOZZ		PBHZZ	84760	27601	O-RING, PART OF KIT P/N 24373	1	1
130	PAHZZ	PAOZZ		PAHZZ	84760	29710	. SCREW, MACHINE	1	1
131	PBHZZ	PBOZZ		PBHZZ	78514	29384	. PLATE, RETAINING, BEA	1	1
132	XDHZZ	XA		XBHZZ	78514	13821	. VALVE, DELIVERY	1	1
132	XDHZZ	XA		XBHZZ	78514	13822	. VALVE, DELIVERY OVERSIZE	1	1
133	XDHZZ	XA		XBHZZ	78514	13837	. SCREW	1	1
134	XDHZZ	XA		XBHZZ	78514	10443	. RING, RETAINING	1	1
135	XDHZZ	XA		XBHZZ	78514	24691	. WASHER, SPRING	1	1
136	XDHZZ	XA		XBHZZ	78514	21521	. WASHER, THRUST	1	1
137	PAHZZ	PAOZZ		PAHZZ	78514	21618	. INSULATOR, TERMINAL	1	1
138	PAHZZ	PAOZZ		PAHZZ	78514	22985	. TERMINAL, BLADE	1	1
139	PAHZZ	PAOZZ		PAHZZ	78514	30789	. CAP	1	1
140	PAHZZ	PAOZZ		PAHZZ	78514	30788	. CUP	1	1
	PAHZZ	PAOZZ		PAHZZ	84760	24373	. GASKET KIT	1	1
							O-RING (1)	18-3	
							GASKET (1)	18-8	
							WASHER, TH (2)	18-26	
							SEAL, RING (3)	18-27	
							O-RING (2)	18-40	
							SEAL (1)	18-42	
							RETAINER (1)	18-46	
							O-RING (2)	18-49	
							PACKING, PREFORMED (2)	18-53	
							O-RING (2)	18-60	
							WASHER, SEAL (2)	18-66	
							STUD (2)	18-89	
							SEAL, DRIVE SHAFT (2)	18-95	
							O-RING (1)	18-103	
							O-RING (1)	18-110	
							O-RING (11)	18-121	
							STOP VALVE (1)	18-123	
							O-RING (1)	18-129	

END OF FIGURE

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

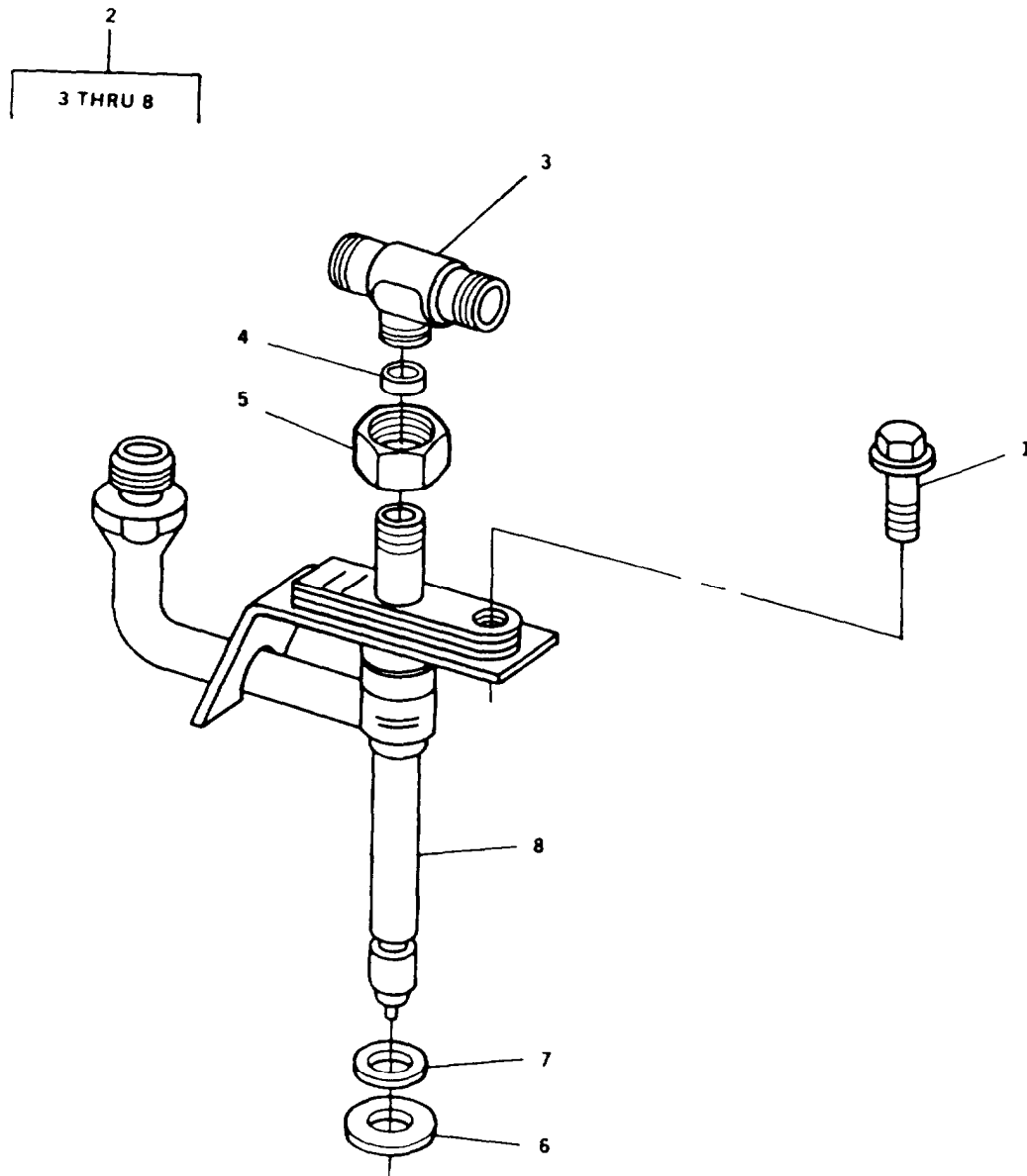


FIGURE 19. Fuel Injector

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)	
ITEM	a.	SMR	CODE	d.	FSCM	PART	DESCRIPTION AND	CITY	USMC	
NO.	ARMY	AIR	NAVY	USMC		NUMBER	USABLE ON CODE (UOC)		QTY	
		FORCE							PER	
									EQUIP	
							GROUP 05 - FUEL SYSTEM			
							FIG. 19 FUEL INJECTOR			
1	PAFZZ	PAOZZ		PAFZZ	75755	R101201	BOLT, MACHINE		4	4
2	PAFZZ	PAOZZ		PAFZZ	75755	RE38087	NOZZLE, FUEL INJECTI		4	4
3	PAFZZ	PAOZZ		PAFZZ	75755	R79606	.TEE, TUBE		1	1
4	PAFZZ	PAOZZ		PAFZZ	75160	R79605	.BUSHING, NONMETALLIC		1	1
5	PBFZZ	PBOZZ		PBFZZ	75160	R79604	.NUT, TUBE COUPLING		1	1
6	PAFZZ	PAOZZ		PAFZZ	75160	R48000	.WASHER, FLAT		1	1
7	PAFZZ	PAOZZ		PAFZZ	75755	R92352	.O-RING		1	1
8	XAFZZ	XA		XAFZZ	75160	RE38087-1	.NOZZLE		1	1

END OF FIGURE

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

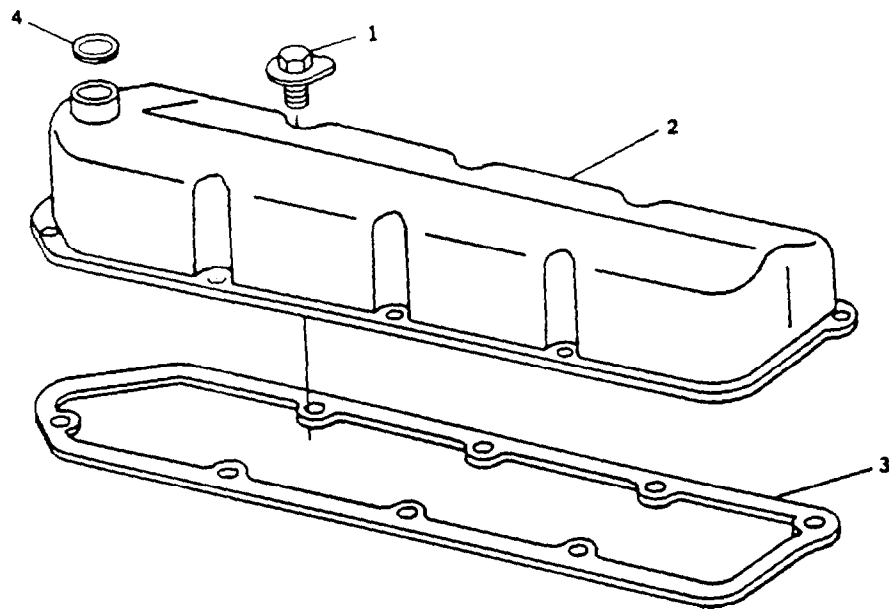


FIGURE 20. Valve Cover

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2) SMR CODE				(3)	(4)	(5)	(6)	(7)
ITEM NO.	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
							GROUP 06 - CYLINDER HEAD ASSEMBLY		
							FIG. 20 VALVE COVER		
1	PAFZZ	PAOZZ		PAFZZ	75160	AR103811	SCREW	8	8
2	PBFZZ	PBOZZ		PBFZZ	75755	AT18015	COVER,ENGINE POPPET	1	1
3	PAFZZ	PAOZZ		PAFZZ	75160	R73521	GASKET, PART OF KIT P/N RE38851, KIT PIN RE38857	1	1
4	PAFZZ	PAOZZ		PAFZZ	75160	R56463	PACKING,PREFORMED	1	1
							END OF FIGURE		

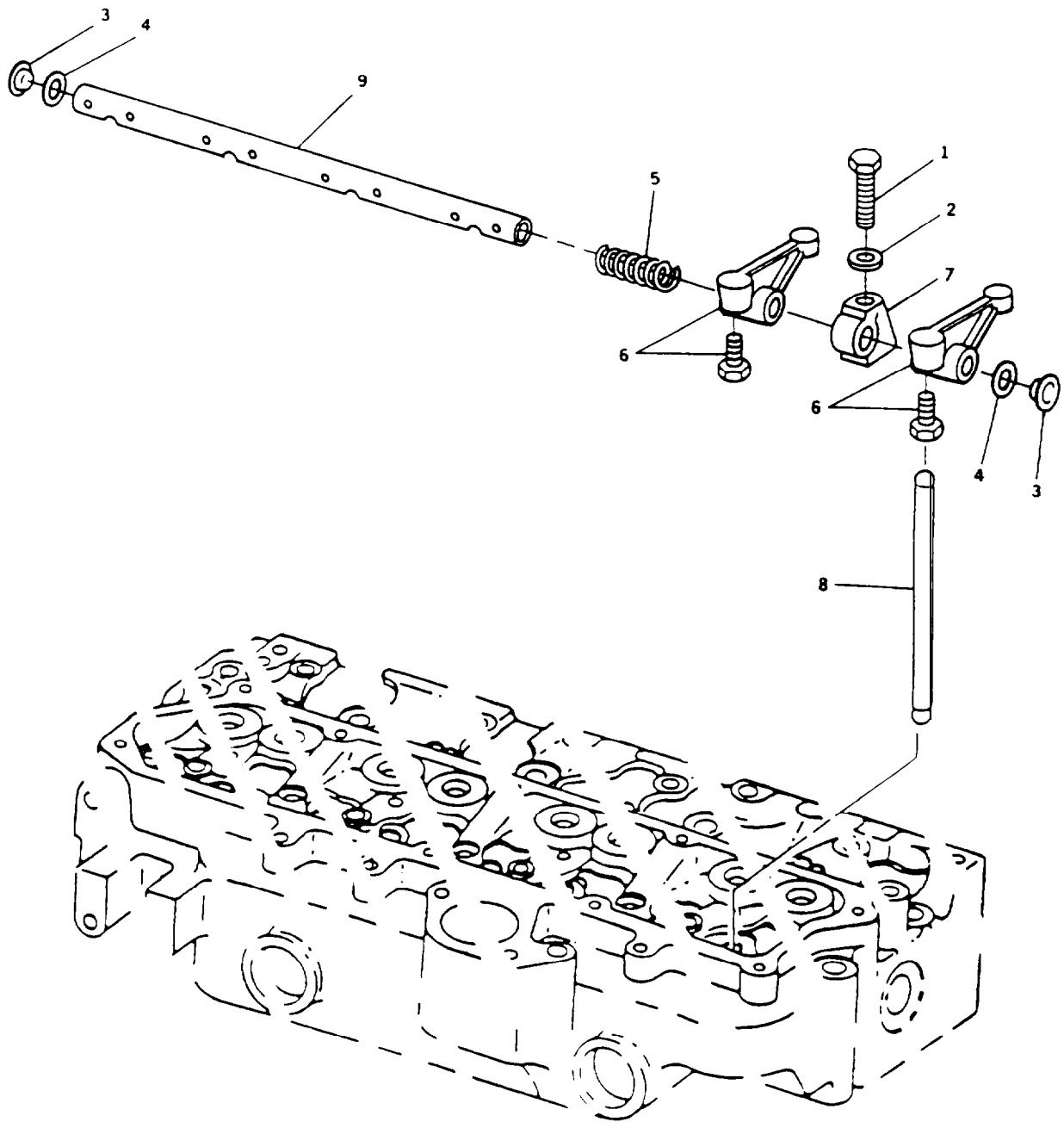


FIGURE 21. Rocker Arm Assembly

(1)	(2)			(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE		d.	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a.	b						
	ARMY	AIR FORCE	NAVY					
						GROUP 06 - CYLINDER HEAD ASSEMBLY FIG. 21 ROCKER ARM ASSEMBLY		
1	PAFZZ	PAOZZ		PAFZZ	75160	19H3031	4	6
2	PAFZZ	PAOZZ		PAFZZ	75160	R42729	4	4
3	PAFZZ	PAOZZ		PAFZZ	75160	R54565	2	2
4	PAFZZ	PAOZZ		PAFZZ	75160	T20316	2	2
5	PAFZZ	PAOZZ		PAFZZ	75160	T20314	3	3
6	PBFZZ	PBOZZ		PBFZZ	75755	RE31973	8	8
7	PBFZZ	PBOZZ		PBFZZ	75755	T20315	4	4
8	PAFZZ	PAOZZ		PAFZZ	75755	R82896	8	8
9	PBFZZ	PBOZZ		PBFZZ	75160	DD12120	1	1

END OF FIGURE

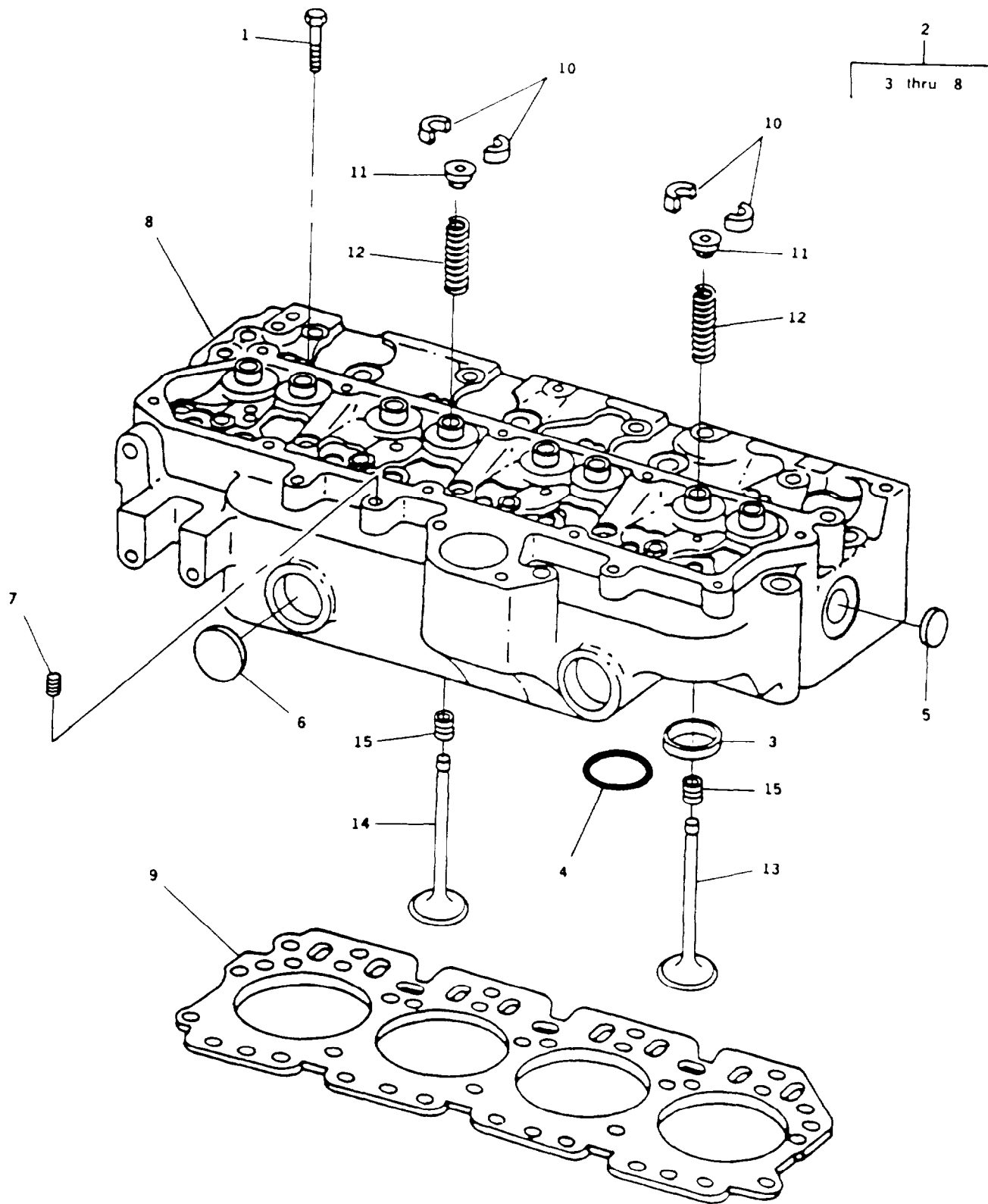


FIGURE 22. Head Assembly



ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 06 - CYLINDER HEAD ASSEMBLY FIG. 22 HEAD ASSEMBLY									
1	PBFZZ	PBOZZ		PBFZZ	75755	R85363	SCREW,CAP,HEXAGON H	18	18
2	PBFFF	PBOOO		PBFFF	75160	RE48616	CYLINDER HEAD,DIESE	1	1
3	PAFZZ	PAOZZ		PAFZZ	75755	R85687	.SEAT, VALVE EXHAUST	4	4
3	PBFZZ	PBOZZ		PBFZZ	75755	R93910	.SEAT, ENGINE VALVE OVERSIZE, EXHAUST	4	V
4	PAFZZ	PAOZZ		PAFZZ	75755	R98063	.INSERT, ENGINE VALVE INTAKE	4	4
4	PBFZZ	PBOZZ		PBFZZ	75755	R98335	.INSERT ENGINE VALVE OVERSIZE, INTAKE	4	4
5	PAFZZ	PAOZZ		PAFZZ	75160	A3910R	.PLUG, EXPANSION	2	2
6	PBFZZ	PBOZZ		PBFZZ	75755	R43409	.CAP, PROTECTIVE, DUST	2	2
7	PAFZZ	PAOZZ		PAFZZ	75755	R104592	.PLUG,PIPE	1	12
8	XAFZZ	XA		XAFZZ	75160	RE48616-1	.HEAD, CYLINDER	1	1
9	PAFZZ	PAOZZ		PAFZZ	75160	R125863	GASKET, PART OF KIT P/N RE38851, KIT P/N 38857	1	1
10	PAFZZ	PAOZZ		PAFZZ	75755	R91889	LOCK, VALVE SPRING R	16	16
11	PAFZZ	PAOZZ		PAFZZ	75755	RE31323	ROTOR,ENGINE POPPET	8	8
12	PAFZZ	PAOZZ		PAFZZ	75160	R26125	SPRING,SPECIAL	8	8
13	PAFZZ	PAOZZ		PAFZZ	75755	R90692	VALVE,POPPET,ENGINE EXHAUST	4	4
13	PBFZZ	PBOZZ		PBFZZ	75755	R97492	VALVE, EXHAUST OVERSIZE, 0.015"	1	1
13	PBFZZ	PBOZZ		PBFZZ	75755	R97493	VALVE,POPPET OVERSIZE, 0.030"	1	1
14	PAFZZ	PAOZZ		PAFZZ	75755	R98062	VALVE,POPPET,ENGINE INTAKE	4	4
14	PBFZZ	PBOZZ		PBFZZ	75755	R97490	VALVE, INTAKE OVERS OVERSIZE, 0.015"	1	1
14	PBFZZ	PBOZZ		PBFZZ	75755	R97491	PISTON, VALVE OVERSIZE, 0. 030"	1	1
15	PAFZZ	PAOZZ		PAFZZ	75160	RE31617	SEAL, PLAIN ENCASED	8	8
	PBFZZ	PBOZZ		PBFZZ	75160	RE38851	KIT, CYL HEAD GASKET	1	1
							GASKET (1) 2-4		
							GASKET (1) 2-11		
							GASKET (1) 8-8		
							GASKET (1) 8-15		
							GASKET (4) 9-7		
							GASKET (1) 10-6		
							GASKET (1) 16-25		
							GASKET (1) 20-3		
							GASKET (1) 22-9		
							GASKET (1) 25-7		
							GASKET (1) 25-11		
							GASKET (1) 29-4		

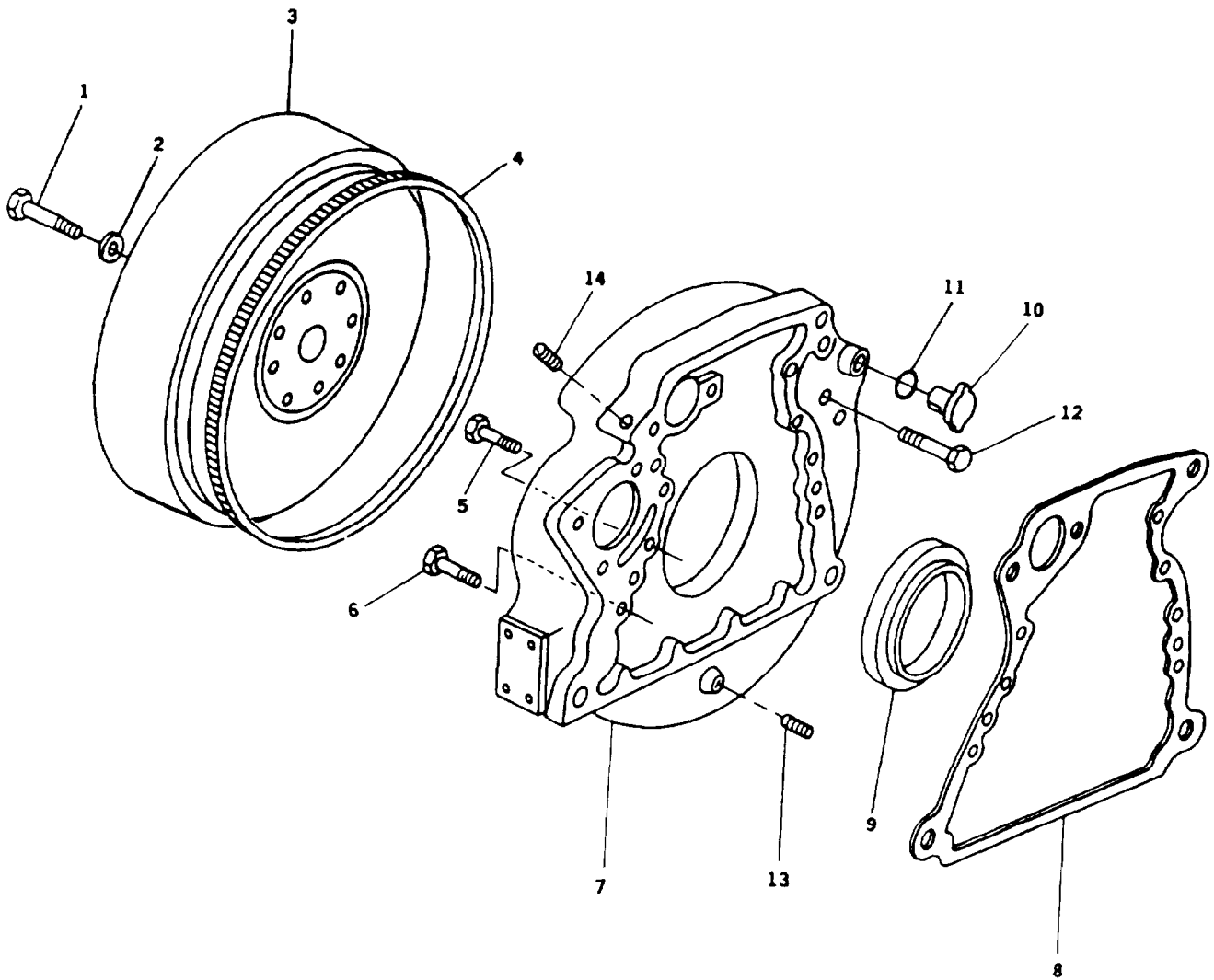


FIGURE 23. Engine Flywheel

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 07 - FLYWHEEL									
FIG. 23 ENGINE FLYWHEEL									
1	PBFZZ	PBOZZ		PBFZZ	75160	19H2993	SCREW,CAP,HEXAGON H	4	4
2	PBFZZ	PBOZZ		PBFZZ	75160	T23891	WASHER,FLAT	4	4
3	PBFFF	PBOOO		PBFFF	75755	RE23941	FLYWHEEL,ENGINE	1	2
4	PAFZZ	PAOZZ		PAFZZ	75160	R28811	.GEAR,SPUR	1	1
5	PAFZZ	PAOZZ		PAFZZ	75160	19H3219	SCREW,CAP,HEXAGON H 3/8" X 1-3/8"	8	10
6	PBFZZ	PBOZZ		PBFZZ	75160	19H2599	SCREW,CAP,HEXAGON H	4	4
7	XDFZZ	XB		XBFZZ	75160	R120586	HOUSING, FLYWHEEL	1	1
8	PBFZZ	PBOZZ		PBFZZ	75755	R97351	GASKET, PART OF KIT PIN RE38857	1	1
9	PAFZZ	PAOZZ		PAFZZ	75160	RE44574	SEAL,PLAIN	1	1
10	PAFZZ	PAOZZ		PAFZZ	75755	AR61533	PLUG,PROTECTIVE,DUS	1	1
11	PAFZZ	PAOZZ		PAFZZ	75160	R27149	PACKING,PREFORMED	1	1
12	PBFZZ	PBOZZ		PBFZZ	75160	19H2351	SCREW,CAP,HEXAGON H	1	1
13	PBFZZ	PBOZZ		PBFZZ	0E9N0	A300X4	PLUG,PIPE	1	1
14	PBFZZ	PBOZZ		PBFZZ	00624	3-02727	PLUG,PIPE	1	1

END OF FIGURE

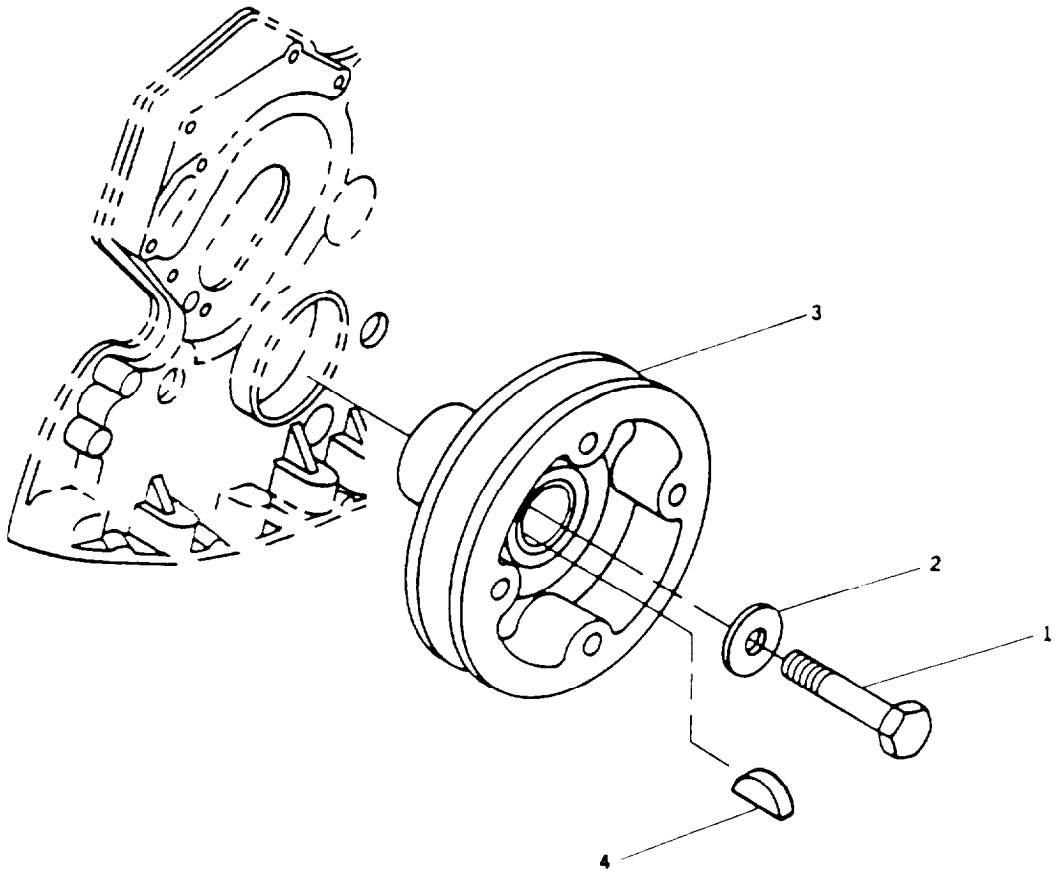


FIGURE 24. Crankshaft Pulley

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a	SMR	CODE	d	PART	DESCRIPTION AND	USMC	QTY	QTY
NO	ARMY	b.	c.	USMC	FSCM	USABLE ON CODE (UOC)	PER	EQUIP	
		AIR	NAVY						
		FORCE							
GROUP 08 - CRANKSHAFT PULLEY									
FIG. 24 CRANKSHAFT PULLEY									
1	PBFZZ	PBOZZ		PBFZZ	75755	R84978	SCREW,CAP,HEXAGON H	1	1
2	PBFZZ	PBOZZ		PBFZZ	75755	R109086	WASHER,FLAT	1	1
3	XDFZZ	XB		XBFZZ	75160	R85390	PULLEY, CRANKSHAFT	1	1
4	PBFZZ	PBOZZ		PBFZZ	75160	26H90	KEY,WOODRUFF	1	1
END OF FIGURE									

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

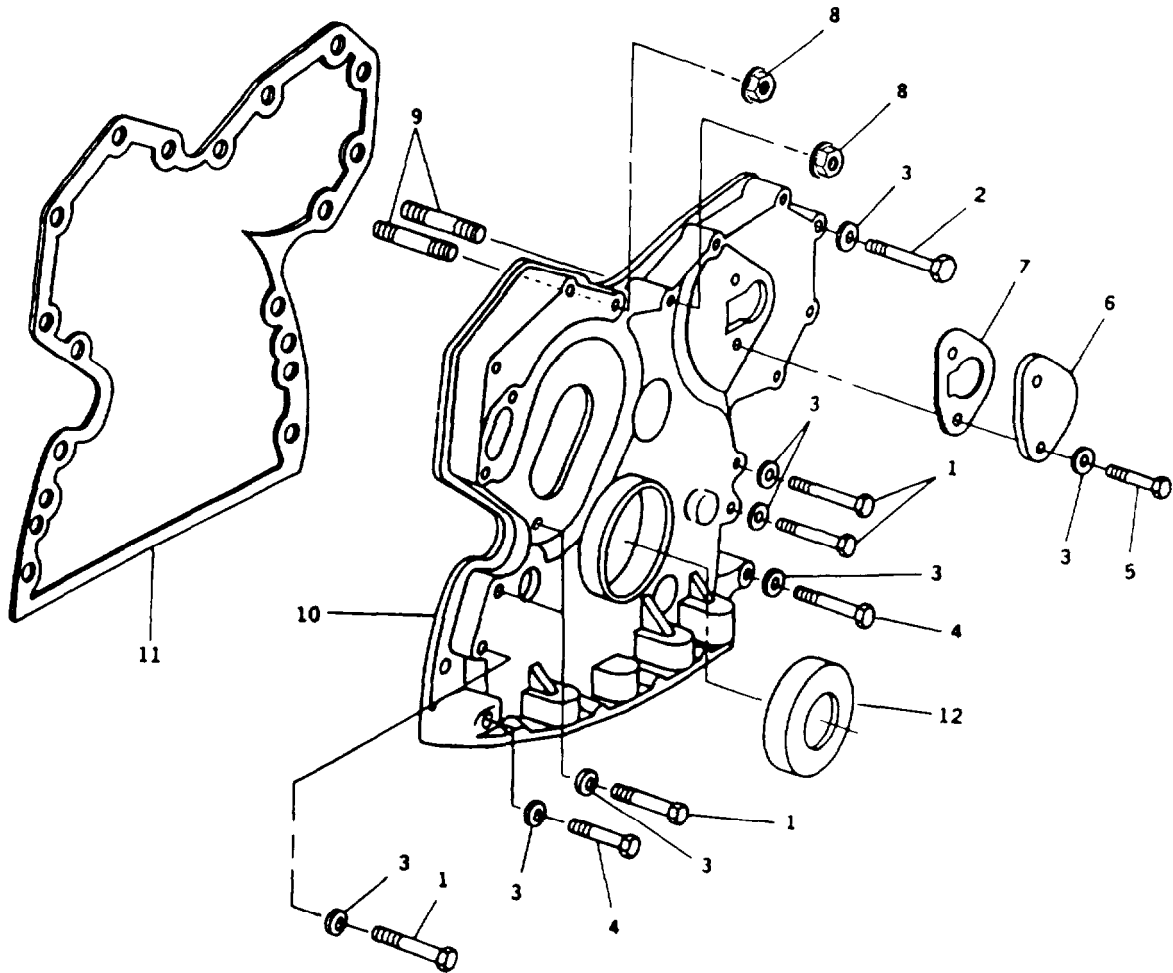
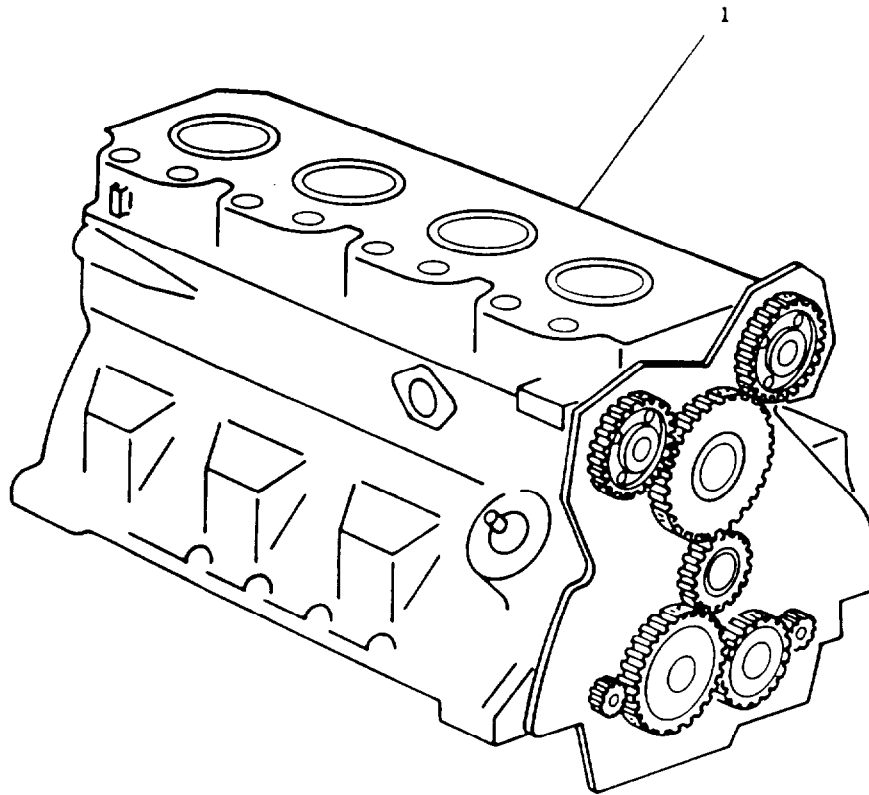


FIGURE 25. Timing Gear Cover

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	SMR CODE				FSCM	PART	DESCRIPTION AND	QTY	USMC
NO	a.	b.	c.	d.		NUMBER	USABLE ON CODE (UOC)		QTY
	ARMY	AIR	NAVY	USMC					PER
		FORCE							EQUIP
GROUP 09 -TIMING GEAR COVER									
FIG. 25 TIMING GEAR COVER									
1	PAFZZ	PAOZZ		PAFZZ	75160	19H3408	SCREW,CAP,HEXAGON H	5	5
2	PAFZZ	PAOZZ		PAFZZ	75160	19H3385	SCREW,CAP,HEXAGON H , FOR ATTACHING HARDWARE FOR DEAD CRANK SWITCH SWITCH, REFER TO TM9- 6115-644-24P.	5	5
3	PAFZZ	PAOZZ		PAFZZ	75160	24M7106	WASHER,FLAT	14	26
4	PAFZZ	PAOZZ		PAFZZ	75160	19H3733	SCREW,CAP,HEXAGON 3/8" X 2-1/2"	2	2
5	PAFZZ	PAOZZ		PAFZZ	75755	R124277	FASTENER,HEX,SPECIA	2	2
6	PAFZZ	PAOZZ		PAFZZ	75160	R126041	COVER,ACCESS	1	1
7	PBFZZ	PBOZZ		PBFZZ	75755	R125066	GASKET, PART OF KIT PIN RE38851	1	1
8	PAFZZ	PAOZZ		PAFZZ	21585	38105-7	NUT,PLAIN,EXTENDED	2	7
9	PBFZZ	PBOZZ		PBFZZ	75160	R122226	STUD,PLAIN	2	4
10	XDFZZ	XB		XBFZZ	75160	RE39252	COVER, TIMING GEAR	1	1
11	PBFZZ	PBOZZ		PBFZZ	75160	R121314	GASKET, PART OF KIT PIN RE38851	1	1
12	PAFZZ	PAOZZ		PAFZZ	80201	545162	SEAL,PLAIN ENCASED	1	1
END OF FIGURE									

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2



**SEE FIGURES  
27 THROUGH 31  
FOR BREAKDOWN**

**FIGURE 26. Short Block Assembly**



**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	a.	b.	c.	d.	FSCM	PART	DESCRIPTION AND	QTY	USMC
NO.	ARMY	AIR	NAVY	USMC		NUMBER	USABLE ON CODE (UOC)	PER	EQUIP
1	PBHHH	PBOOO		PBHHH	75755	RE36190	GROUP 10 - SHORT BLOCK ASSEMBLY FIG. 26 SHORT BLOCK ASSEMBLY ENGINE BLOCK ASSEMB	1	1
							END OF FIGURE		

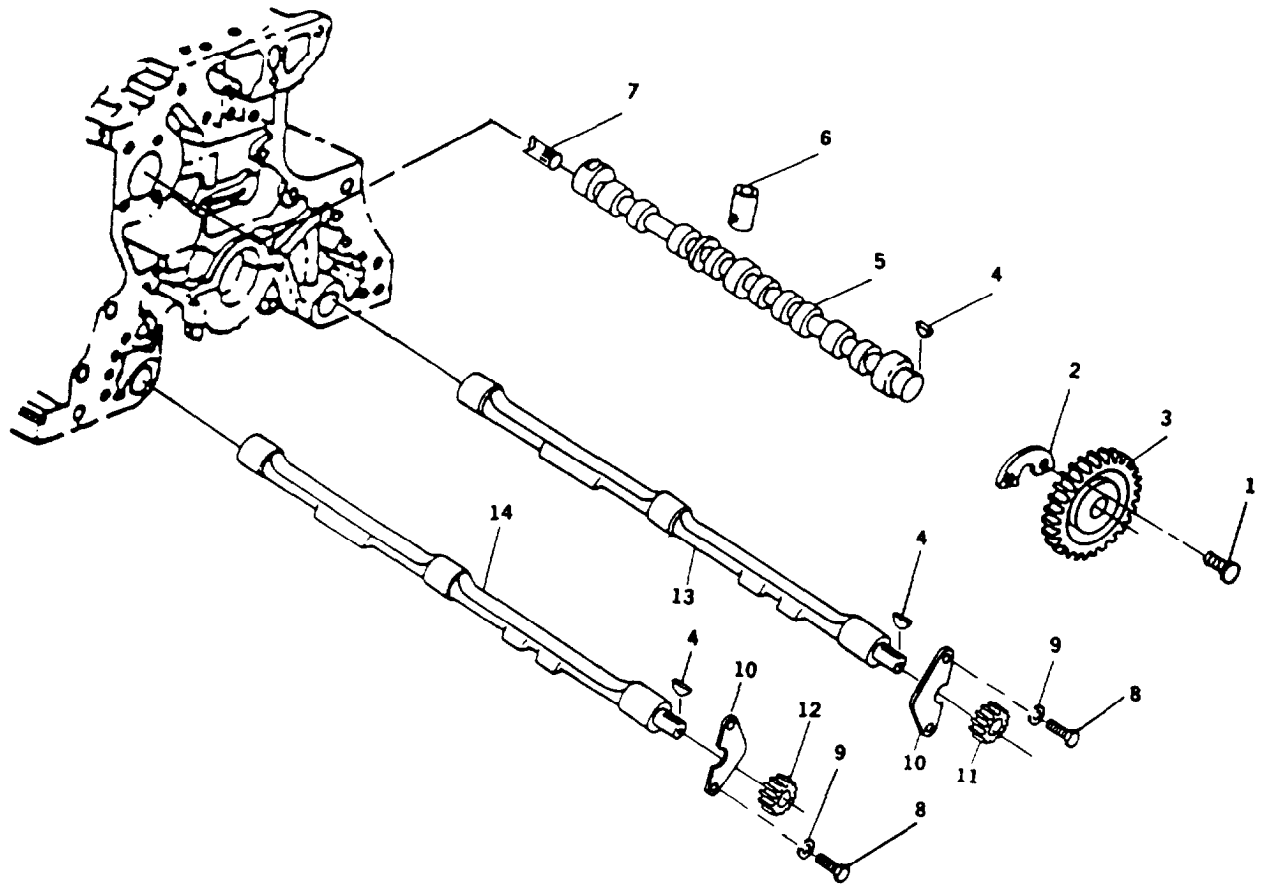


FIGURE 27. Camshaft and Balancer Shafts

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM	SMR CODE				FSCM	PART	DESCRIPTION AND	QTY	USMC
NO.	a.	b.	c.	d.		NUMBER	USABLE ON CODE (UOC)	PER	EQUIP
NO.	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 10 - SHORT BLOCK ASSEMBLY		
							FIG. 27 CAMSHAFT AND BALANCER SHAFTS		
1	PBHZZ	PBOZZ		PBHZZ	75160	19H2676	SCREW, CAP, HEXAGON H	2	2
2	PBHZZ	PBOZZ		PBHZZ	75755	T20072	.PLATE, THRUST	1	1
3	PBHZZ	PBOZZ		PBHZZ	75755	T20070	.GEAR, HELICAL	1	1
4	PAHZZ	PAOZZ		PAHZZ	75160	T28041	.KEY, WOODRUFF	3	3
5	PBHZZ	PBOZZ		PBHZZ	75755	R82820	.CAMSHAFT, ENGINE	1	1
6	PBHZZ	PBOZZ		PBHZZ	75755	T20073	.TAPPET, ENGINE POPPE	8	8
7	XDHZZ	XA		XBHZZ	75755	R81514	.GEARSHAFT, HELICAL	1	1
8	PAHZZ	PAOZZ		PAHZZ	80204	B1821BHO38C063N	.SCREW, CAP, HEXAGON H	4	4
9	PAHZZ	PAOZZ		PAHZZ	75160	12H304	.WASHER, LOCK	4	4
10	PBHZZ	PBOZZ		PBHZZ	75160	T20193	.SPACER, PLATE	2	2
11	PBHZZ	PBOZZ		PBHZZ	75755	T20130	.GEAR, SPUR	1	1
12	PBHZZ	PBOZZ		PBHZZ	75755	T20133	.GEAR, SPUR	1	1
13	PBHZZ	PBOZZ		PBHZZ	75755	AR61351	.CAM, CONTROL	1	1
14	PBHZZ	PBOZZ		PBHZZ	75755	AR61352	.CAM, CONTROL	1	1

END OF FIGURE

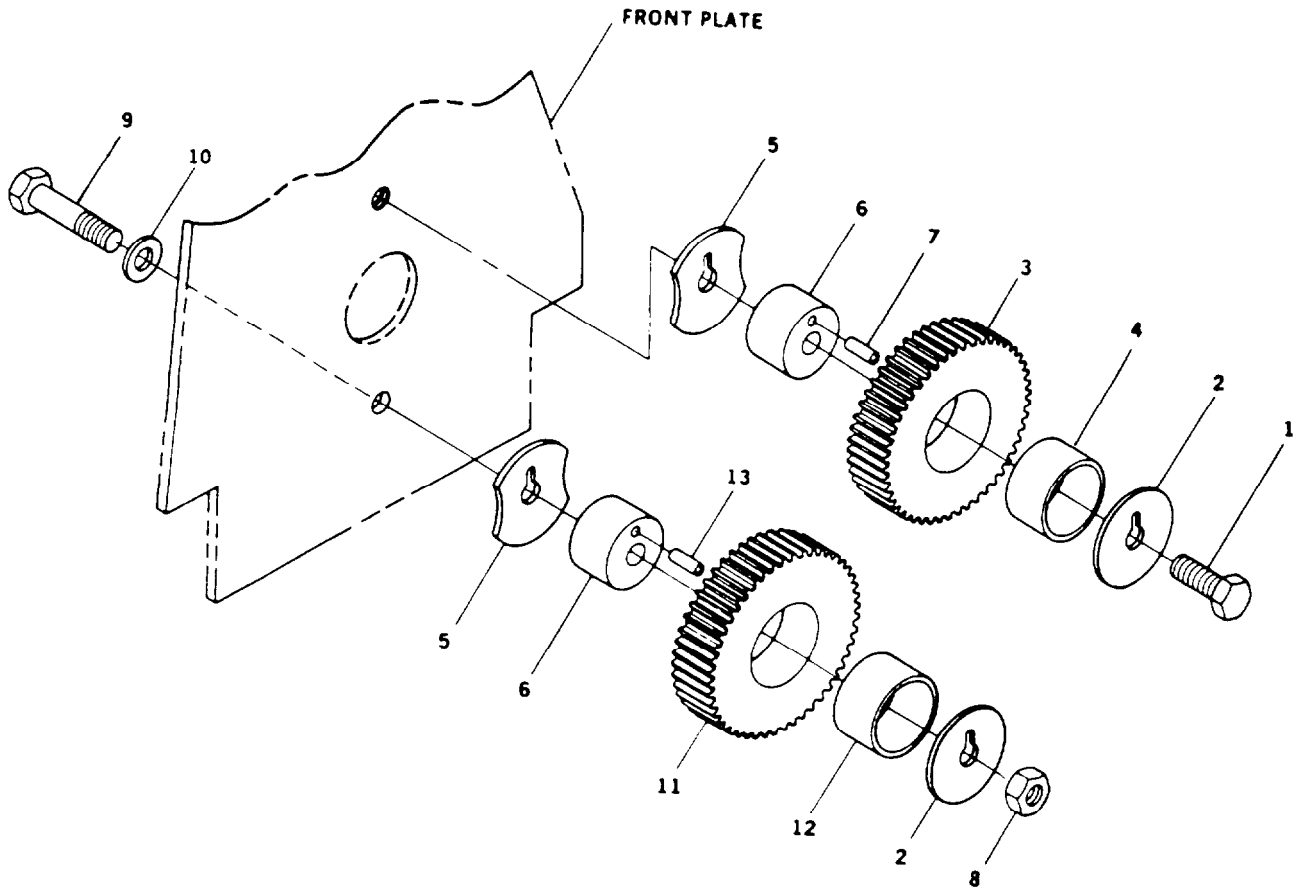


FIGURE 28. Timing Gears

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 10- SHORT BLOCK ASSEMBLY									
FIG. 28 TIMING GEARS									
1	PBHZZ	PBOZZ		PBHZZ	75160	T26327	. BOLT, SELF-LOCKING	1	1
2	PAHZZ	PAOZZ		PAHZZ	75160	T26326	. BEARING, WASHER, THRU	2	2
3	PBHZZ	PBOZZ		PBHZZ	75755	AR91660	. GEAR, SPUR	1	1
4	PAHZZ	PAOZZ		PAHZZ	75160	T20034T	. BEARING, SLEEVE	1	1
5	PAHZZ	PAOZZ		PAHZZ	75160	T26324	. WASHER	2	2
6	PBHZZ	PBOZZ		PBHZZ	75755	R109863	. PIN, SHOULDER, HEADLE	2	2
7	PAHZZ	PAOZZ		PAHZZ	75160	34H283	. PIN, SPRING	1	1
8	PBHZZ	PBOZZ		PBHZZ	75160	E-69392	. NUT, SELF-LOCKING, EX	1	1
9	PAHZZ	PAOZZ		PAHZZ	75160	19H3183	. SCREW, CAP, HEXAGON H	1	1
10	PBHZZ	PBOZZ		PBHZZ	75755	R100105	. WASHER, FLAT	2	2
11	PBHZZ	PBOZZ		PBHZZ	75755	AT24252	. GEAR, SPUR	1	1
12	PAHZZ	PAOZZ		PAHZZ	75160	T26321	. BEARING, SLEEVE	1	1
13	PAHZZ	PAOZZ		PAHZZ	75160	34H286	. PIN, SPRING	1	1
END OF FIGURE									

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

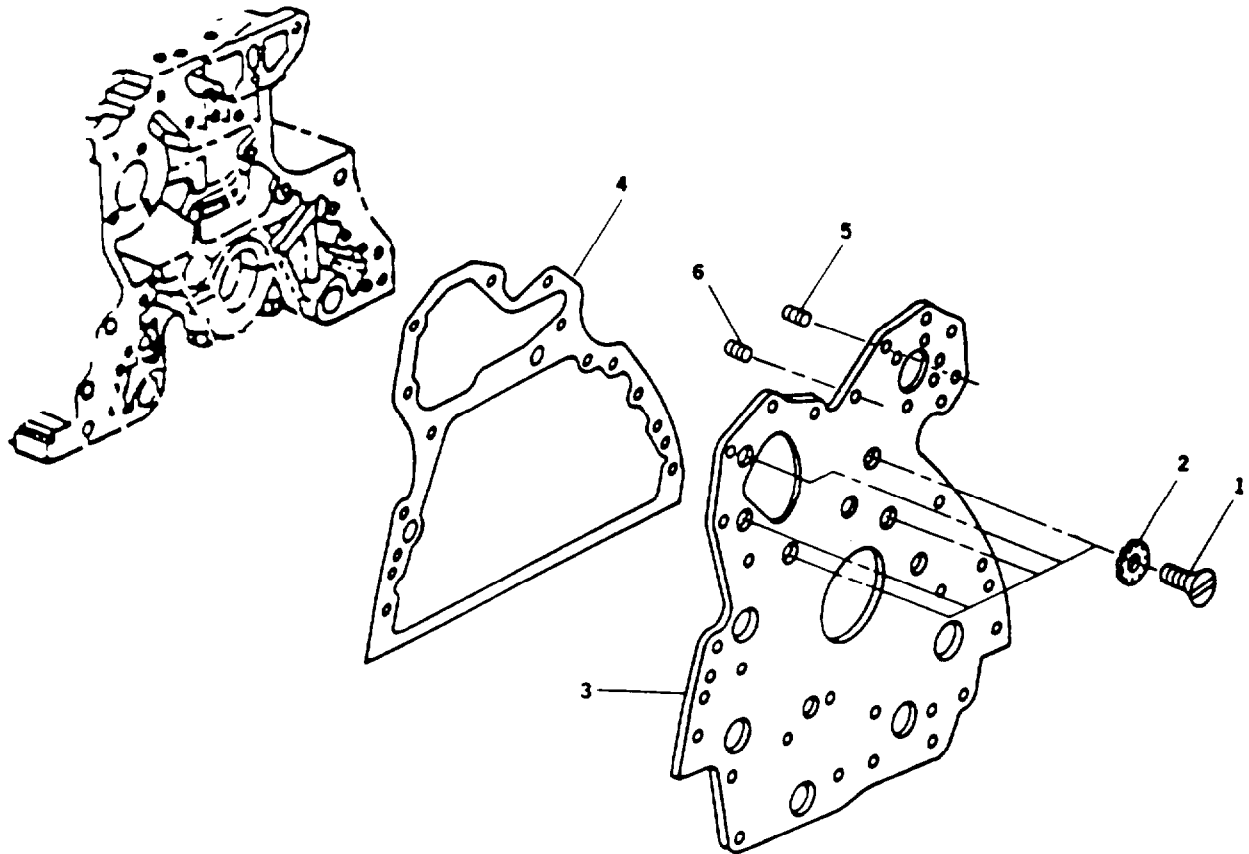


FIGURE 29. Front Cover

**ARMY TM 9-2815-255-24P**  
**AIR FORCE TO 38G1-95-4**  
**MARINE CORPS TM 2815-24P/2**

(1) ITEM No.	(2) SMR CODE				(3) d.	(4) FSCM NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	ARMY	FORCE	NAVY	USMC			GROUP 10 - SHORT BLOCK ASSEMBLY FIG. 29 FRONT COVER		
1	PAHZZ	PAOZZ		PAHZZ	75160	T20166	.SCREW,MACHINE 3/8"-16-UNC- 3A X 7/8", PART OF KIT P/N RE38857	5	5
2	PAHZZ	PAOZZ		PAHZZ	75160	12H324	.WASHER, LOCK	5	5
3	XDHZZ	XA		XBHZZ	75755	RE16149	.PLATE,RETAINING	1	1
4	PBHZZ	PBOZZ		PBHZZ	75755	R90648	.GASKET, PART OF KIT PIN RE38851	1	1
5	XDHZZ	XA		XBHZZ	75160	AT21191	.SETSCREW 5/16" - 24 UNF - 3A X 3/8"	8	8
6	PAHZZ	PAOZZ		PAHZZ	75160	AT22919	.SETSCREW	2	2
	PAHZZ	PAOZZ		PAHZZ	75160	RE38857	GASKET SET, OVERHAUL	1	1
							GASKET (1) 2-4		
							GASKET (1) 2-11		
							GASKET (1) 3-6		
							GASKET (1) 8-8		
							GASKET (1) 8-15		
							GASKET (4) 9-7		
							GASKET (1) 10-6		
							WASHER, SPRING (1) 14-2		
							GASKET (1) 14-9		
							GASKET (1) 20-3		
							GASKET (1) 22-9		
							GASKET (1) 23-9		

END OF FIGURE

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38C1-95-4  
MARINE CORPS TM 2815-24P/2

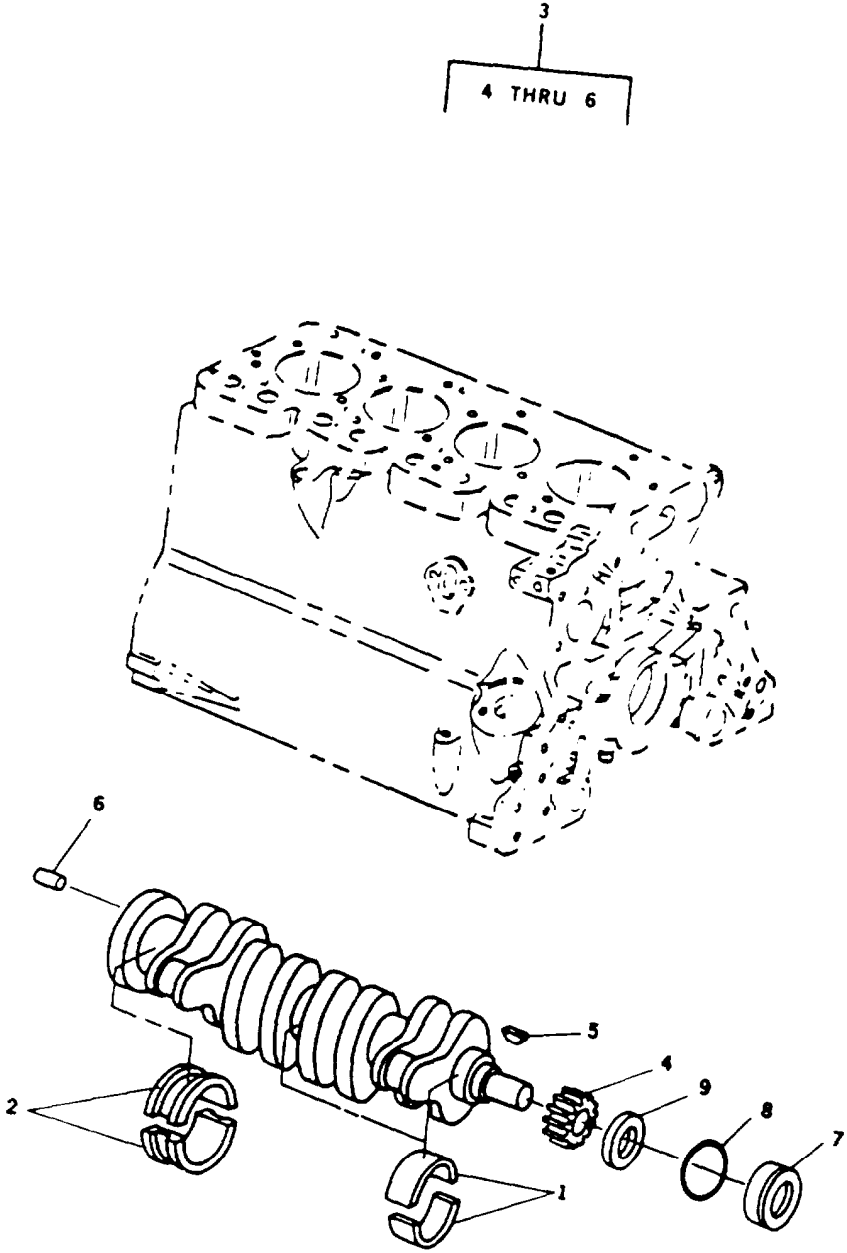


FIGURE 30. Crankshaft



ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1)	(2) SMR CODE				(3)	(4)	(5)	(6)	(7)
ITEM NO	a ARMY	b. AIR FORCE	c NAVY	d. USMC	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
GROUP 10 - SHORT BLOCK ASSEMBLY									
FIG. 30 CRANKSHAFT									
1	PAHZZ	PAOZZ		PAHZZ	75160	AT21110	.BEARING,SLEEVE UNDERSIZE .010"	4	4
1	PAHZZ	PAOZZ		PAHZZ	75160	AT21112	.BEARING,SLEEVE UNDERSIZE .020"	4	4
1	PAHZZ	PAOZZ		PAHZZ	75160	AT21114	.BEARING,SLEEVE UNDERSIZE .030"	4	4
1	PAHZZ	PAOZZ		PAHZZ	75160	AT21140	.BEARING,SPLIT	4	4
1	PBHZZ	PBOZZ		PBHZZ	75160	AT21108	.BEARING,SLEEVE UNDERSIZE .002"	1	4
2	PAHZZ	PAOZZ		PAHZZ	75160	AT21139	.BEARING,SPLIT	1	1
2	PBHZZ	PBOZZ		PBHZZ	75160	AT21130	.BEARING,SLEEVE UNDERSIZE .002"	1	1
2	PBHZZ	PBOZZ		PBHZZ	75160	AT21132	.BEARING,SLEEVE UNDERSIZE .010"	1	1
2	PBHZZ	PBOZZ		PBHZZ	75160	AT21134	.BEARING,SLEEVE UNDERSIZE .020"	1	1
2	PBHZZ	PBOZZ		PBHZZ	75160	AT21136	.BEARING,SLEEVE UNDERSIZE .030"	1	1
3	XDHHH	XDHHH		XDHHH	75160	RE36605	.CRANKSHAFT,ENGINE	1	1
4	PBHZZ	PBOZZ		PBHZZ	75755	T20094	. GEAR,SPUR	1	1
5	PAHZZ	PAOZZ		PAHZZ	75160	26H72	. KEY,WOODRUFF	1	1
6	PBHZZ	PBOZZ		PBHZZ	75160	R48685	. PIN,STRAIGHT,HEADLE	1	1
7	PBHZZ	PBOZZ		PBHZZ	75755	R81989	.BEARING,SLEEVE	1	1
8	PBHZZ	PBOZZ		PBHZZ	75755	H35244	O-RING	1	1
9	PBHZZ	PBOZZ		PBHZZ	75755	T20046	.DEFLECTOR, DIRT AND	1	1

END OF FIGURE

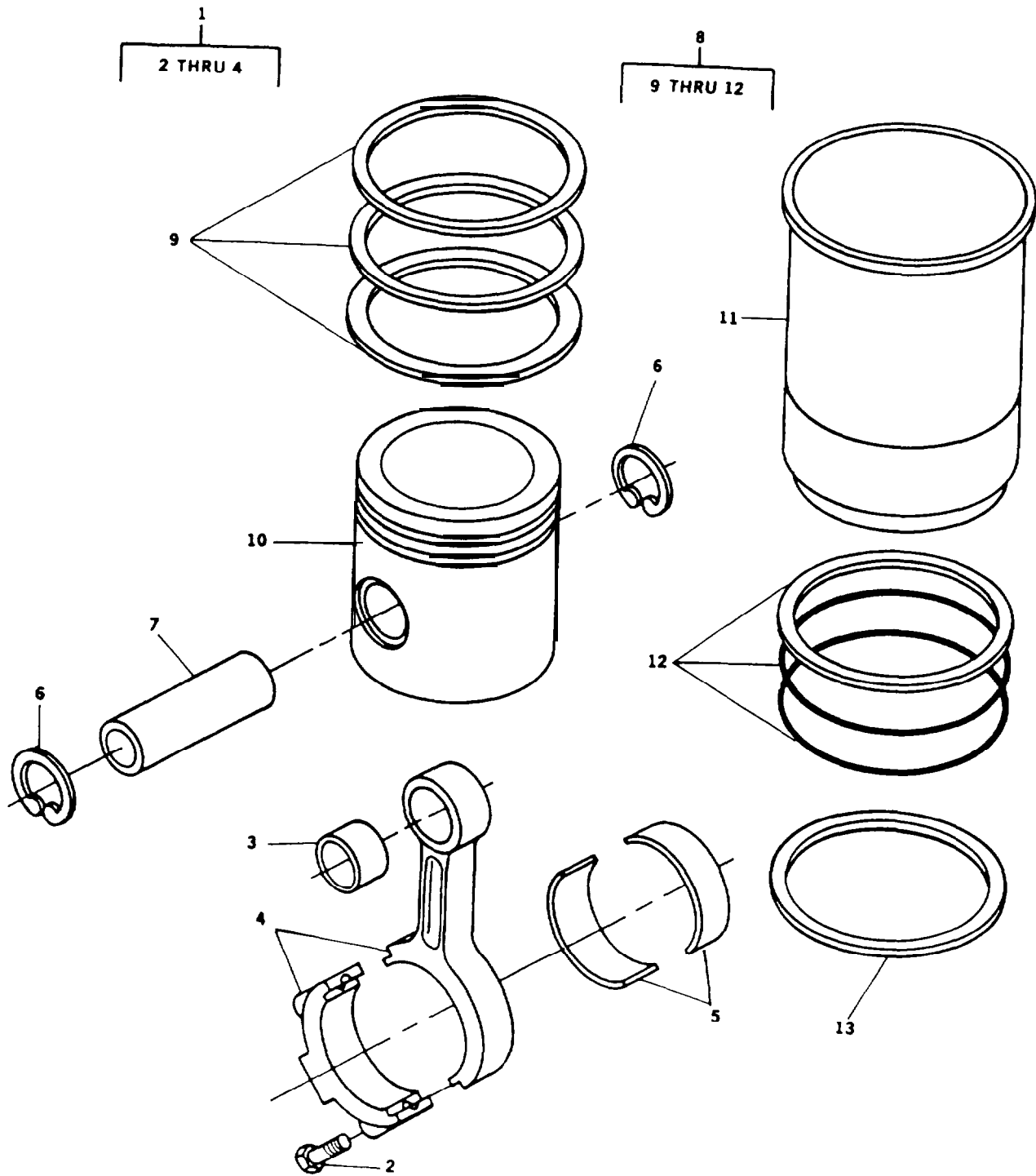


FIGURE 31. Connecting Rods and Pistons

ARMY TM 9-2815-255-24P  
AIR FORCE TO 38G1-95-4  
MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 10 - SHORT BLOCK ASSEMBLY FIG. 31 CONNECTING RODS AND PISTONS									
1	PAHHH	PAHHH		PAHHH	75755	RE42733	CONNECTING ROD, PIST	4	4
2	PAHZZ	PAOZZ		PAHZZ	75160	R80033	.. BOLT, EXTERNALLY REL	8	16
3	PBHZZ	PBOZZ		PBHZZ	75160	R57451	.. BUSHING, SLEEVE	4	4
4	XAHZZ	XAHZZ		XAHZZ	75755	RE42733	.. CONNECTING ROD, PIST	4	4
5	PAHZZ	PAOZZ		PAHZZ	75160	AR71080	.BEARING, SLEEVE	4	4
5	PAHZZ	PAOZZ		PAHZZ	75755	AR76131	.BEARING HALF SET, SL UNDERSIZE .030"	1	4
5	PBHZZ	PBOZZ		PBHZZ	75160	AR76129	.BEARING, HALF SET UNDERSIZE .010"	1	4
5	PBHZZ	PBOZZ		PBHZZ	75160	AR76130	.BEARING, HALF SET UNDERSIZE .020"	1	4
5	PBHZZ	PBOZZ		PBHZZ	75160	R62072	.BEARING, SLEEVE UNDERSIZE .002"	1	4
6	PAHZZ	PAOZZ		PAHZZ	75160	R54114	.RING, RETAINING	8	8
7	PBHZZ	PBOZZ		PBHZZ	75755	R124230	.PIN, PISTON	4	4
8	PAHZZ	PAOZZ		PAHZZ	75755	RE33115	.PARTS KIT, DIESEL EN	4	4
9	PAHZZ	PAOZZ		PAHZZ	75160	RE48818	.. RING SET, PISTON	1	1
10	XAHZZ	XAHZZ		XAHZZ	79975	39147-B	.. PISTON, INTERNAL COM	1	1
11	PBHZZ	PBOZZ		PBHZZ	75755	R116281	.. CYLINDER, ACTUATING,	1	1
12	PAHZZ	PAOZZ		PAHZZ	75160	AR65507	.. KIT, PACKING	1	1
13	PAHZZ	PAOZZ		PAHZZ	75160	CD15466	.. SHIM, .002 IN	V	V
13	PAHZZ	PAOZZ		PAHZZ	75160	R65833	.. SHIM, .004 IN	V	V

END OF FIGURE

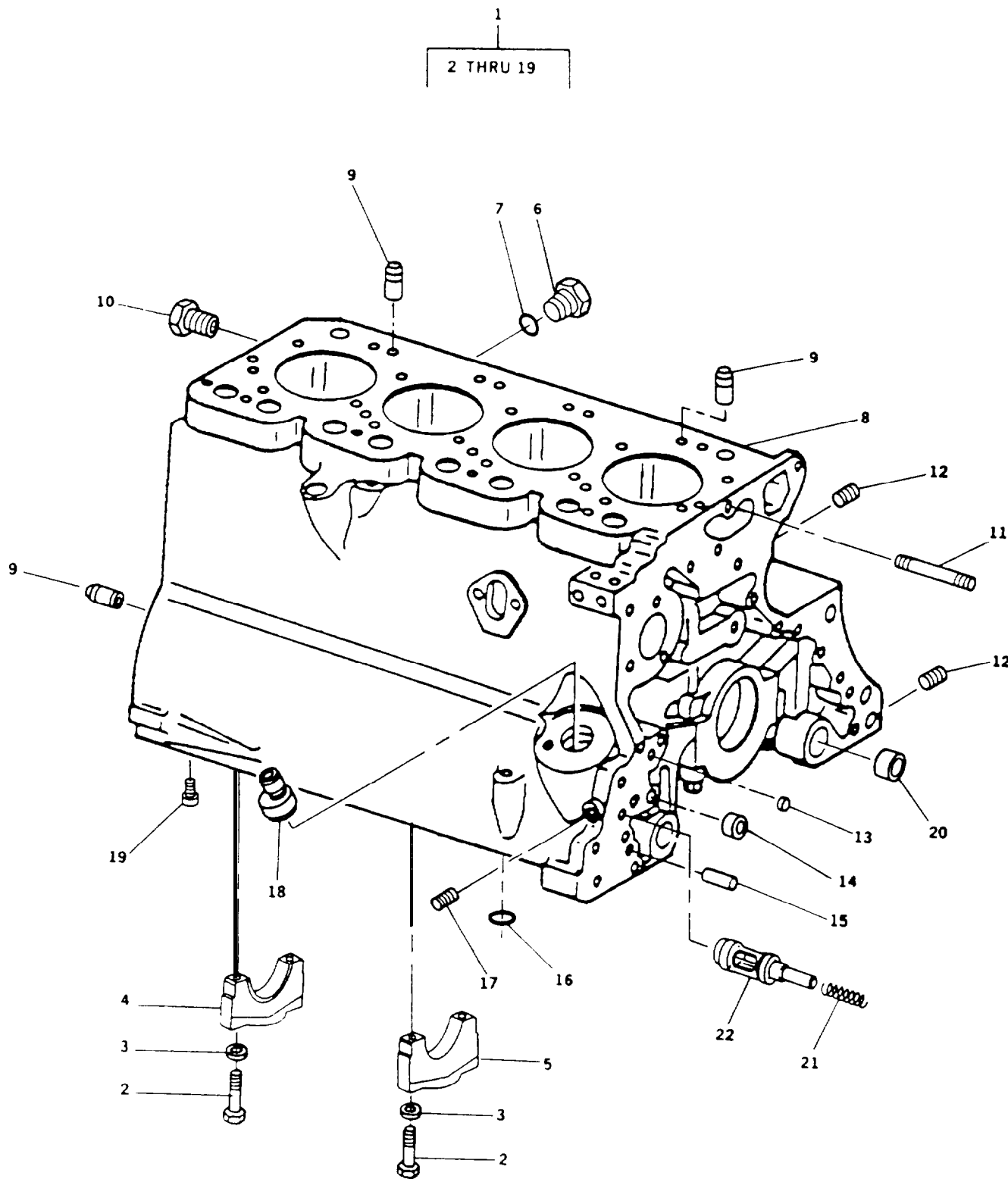


FIGURE 32. Engine Block

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 10 - SHORT BLOCK ASSEMBLY		
							FIG. 32 ENGINE BLOCK		
1	PBHHH	XA		PBHHH	75160	RE29787	ENGINE BLOCK, DIESEL	1	1
2	PAHZZ	PAOZZ		PAHZZ	75160	T23474	SCREW, CAP. HEXAGON H	10	10
3	PAHZZ	PAOZZ		PAHZZ	75160	T20168	.. WASHER, FLAT	10	10
4	PBHZZ	PBOZZ		PBHZZ	75160	R79089	.. CAP, PILLOW BLOCK	1	1
5	PBHZZ	PBOZZ		PBHZZ	75160	R65215	.. CAP ASSEMBLY, PILLOW	4	4
6	PAFZZ	PAOZZ		PAFZZ	75160	R39741	.. PLUG, MACHINE THREAD	1	1
7	PAFZZ	PAOZZ		PAFZZ	06021	U13639	.. PACKING, PREFORMED	1	1
8	XAHZZ	XAHZZ		XAHZZ	75160	RE29787-1	.. BLOCK, CYLINDER BARE	1	1
9	PBHZZ	PBOZZ		PBHZZ	75160	R48685	.. PIN, STRAIGHT, HEADLE	4	1
10	PBHZZ	PBOZZ		PBHZZ	75160	15H666	.. PLUG, PIPE	1	1
11	PBOZZ	PBOZZ		PBOZZ	75160	R12226	.. STUD, PLAIN	2	2
12	PAFZZ	PAOZZ		PAFZZ	75755	R104592	PLUG, PIPE	10	12
13	PBHZZ	PBOZZ		PBHZZ	75755	T18891	.. PLUG	1	1
14	PAHZZ	PAOZZ		PAHZZ	75160	R26493	.. BUSHING, SLEEVE	1	1
15	XDHZZ	XB		XBHZZ	75160	R26650	.. PIN, STRAIGHT	2	2
16	PBHZZ	PBOZZ		PBHZZ	75160	R75892	.. O-RING	1	1
17	PAFZZ	PAOZZ		PAFZZ	81348	WW-P-471AASBCC	PLUG, PIPE	1	2
18	PBHZZ	PBOZZ		PBHZZ	75755	T23435	NIPPLE, PIPE	1	1
19	PBHZZ	PBOZZ		PBHZZ	75755	R54802	RESTRICTOR, FLUID FL	4	4
20	PBHZZ	PBOZZ		PBHZZ	75160	R57160	BUSHING, SLEEVE	1	2
21	PAHZZ	PAOZZ		PAHZZ	75160	R46625	SPRING, HELICAL, COMP	1	1
22	PBHZZ	PBOZZ		PBHZZ	75755	R73139	VALVE, REGULATING, FL	1	1

END OF FIGURE



(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	USMC QTY PER EQUIP
	a.	b.	c.	d.					
	PAOZZ	PAOZZ		PAOZZ	06021	T60811	GROUP 11 - BULK ITEMS FIG. BULK HOSE, NONMETALLIC 50' X .94" OD X .625" ID	1	1
							END OF FIGURE		





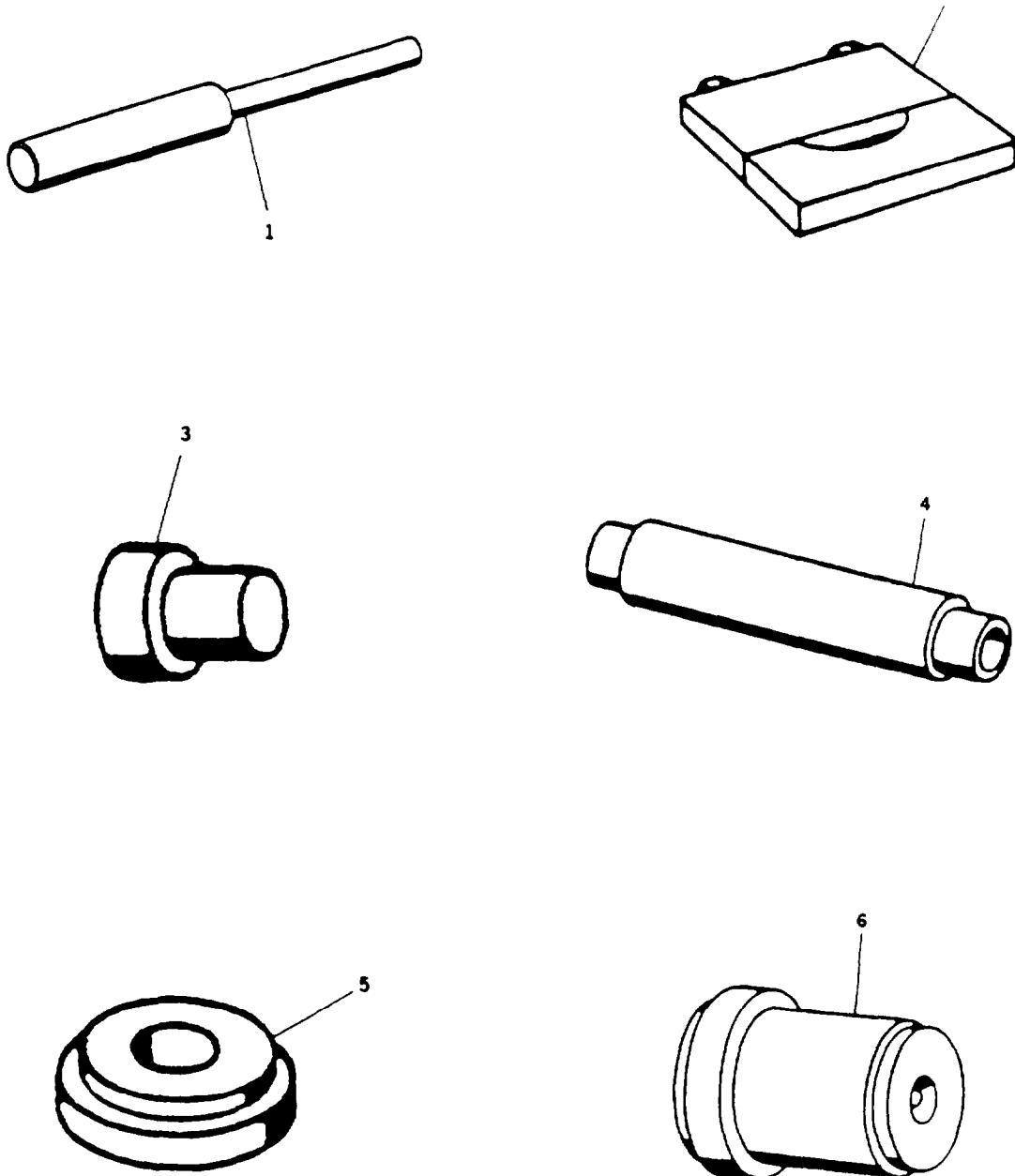


FIGURE 33. Special Tools (Sheet 1 of 4)

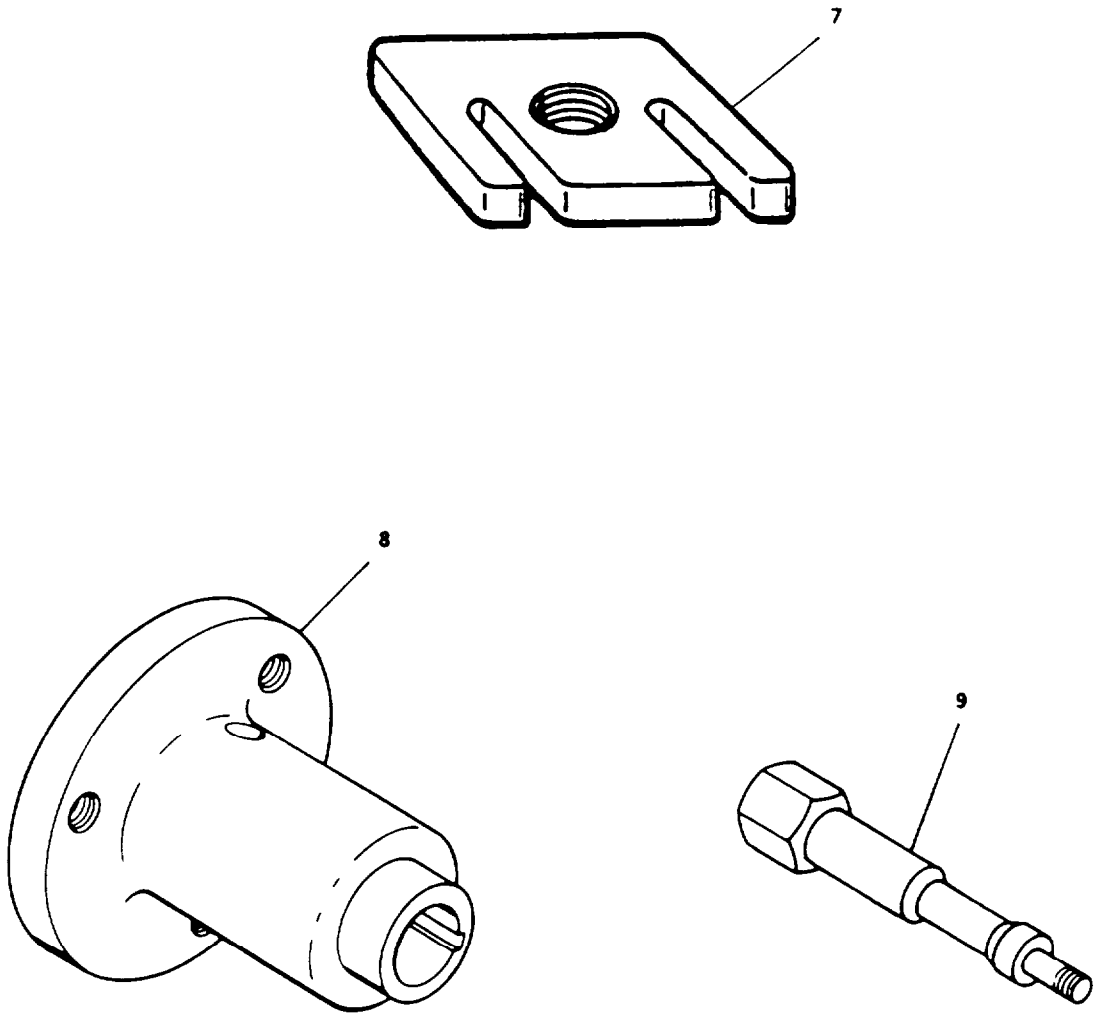


FIGURE 33. Special Tools (Sheet 2 of 4)

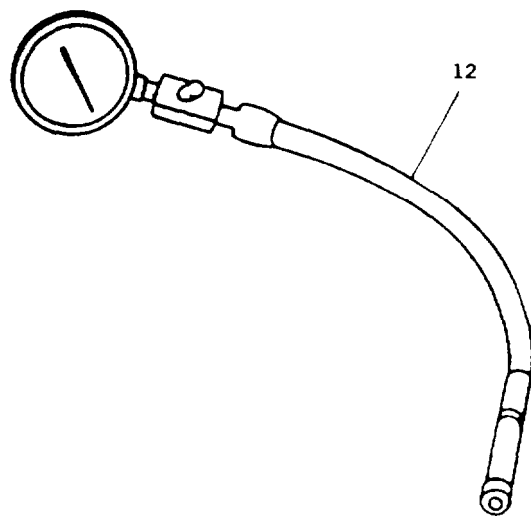
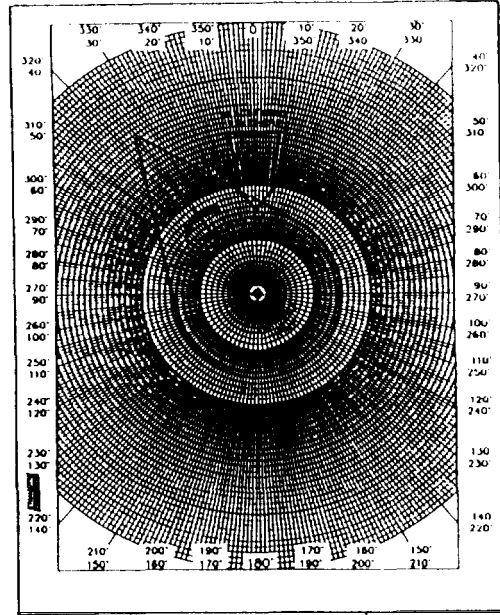
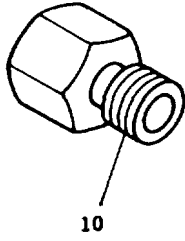


FIGURE 33. Special Tools (Sheet 3 of 4)

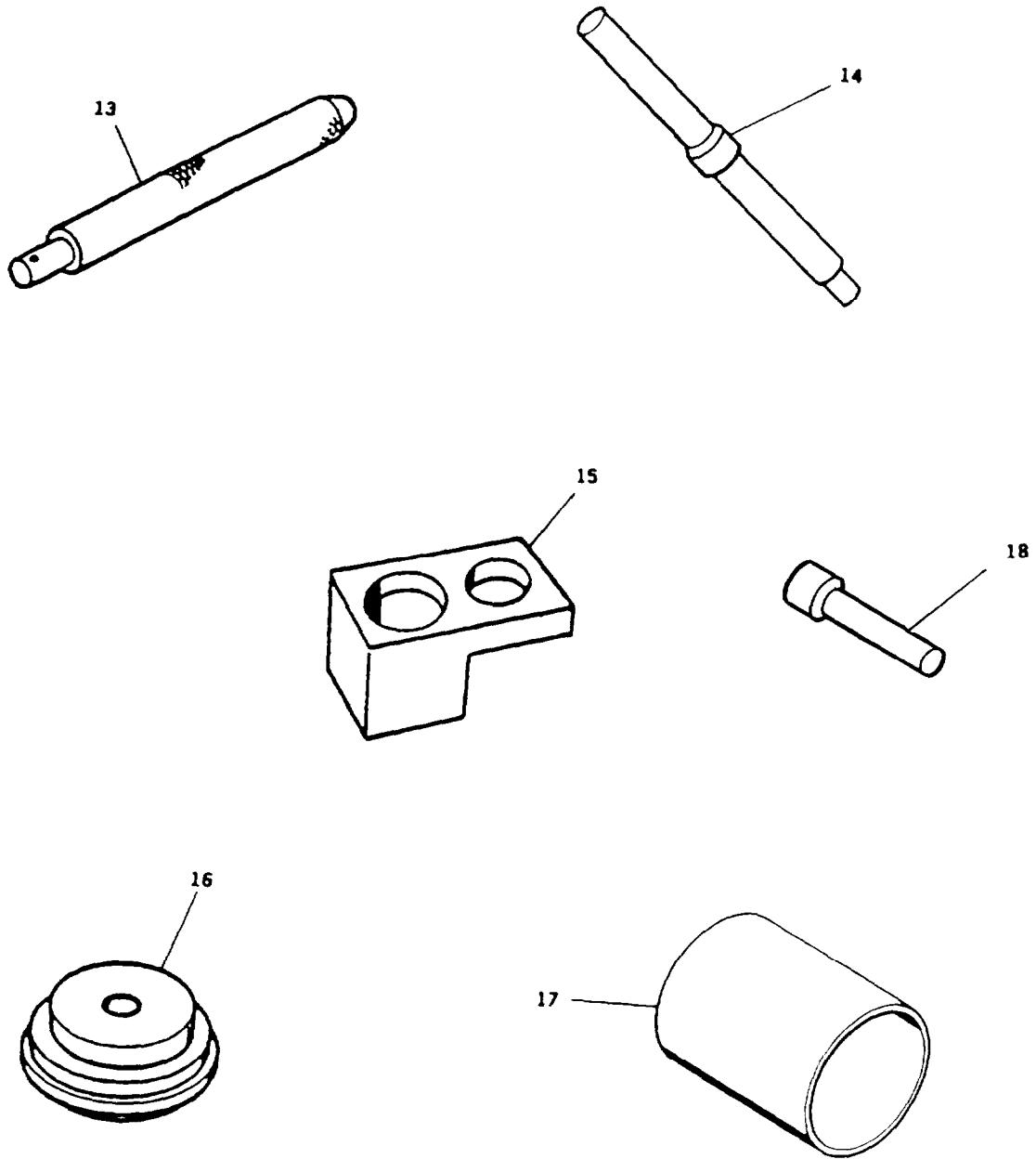


FIGURE 33. Special Tools (Sheet 4 of 4)

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

(1) ITEM NO.	(2) SMR CODE				(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY	(7) USMC QTY PER EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
						GROUP 12 - SPECIAL TOOLS FIG. 33 SPECIAL TOOLS			
1	PEHZZ	PEOZZ		PEHZZ	45225	JDG676	VALVE SEAT DRIVER	1	1
2	PEHZZ	PEOZZ		PEHZZ	45225	JD247	HOLDING TOOL, BALANC	1	1
3	PEHZZ	PEOZZ		PEHZZ	45225	JD248A	INSERTER, BEARING AN	1	1
4	PEHZZ	PEOZZ		PEHZZ	45225	JD249	INSERTER, BEARING AN	1	1
5	PEHZZ	PEOZZ		PEHZZ	45225	JD252	DRIVER, IDLER GEAR	1	1
6	PEHZZ	PEOZZ		PEHZZ	75160	JD286	DRIVER, BUSHING	1	1
7	PEFZZ	PEFZZ		PEFZZ	45225	JDG670	PULLER, MECHANICAL	1	1
8	PEHZZ	PEOZZ		PEHZZ	05083	67-3303	DRIVE, HUB	1	1
9	PEHZZ	PEOZZ		PEHZZ	9T239	21900	ADAPTER, PRESSURE	1	1
10	PEHZZ	PEOZZ		PEHZZ	05083	67-5116	DRAIN HOSE KIT	1	1
11	PEHZZ	PEOZZ		PEHZZ	75160	20401	INDICATOR, TIMING LI	1	1
12	PEFZZ	PEFZZ		PEFZZ	75160	JT01682	GAGE, COMPRESSION	1	1
13	PEFZZ	PEFZZ		PEFZZ	45225	JDG536	HANDLE, BUSHING	1	1
14	PEFZZ	PEFZZ		PEFZZ	75755	JT01679	ADAPTER, CYLINDER	1	1
15	PEFZZ	PEFZZ		PEFZZ	2T258	JT02017	ADAPTER, CYLINDER	1	1
16	PEFZZ	PEFZZ		PEFZZ	75160	JDG675	VALVE SEAT INSTALLE	1	1
17	PEHZZ	PEOZZ		PEHZZ	45225	JDH7	DRIVER, SEAL & GEAR	1	1
18	PEFZZ	PEOZZ		PEFZZ	75160	JDE81-4	PIN, ECCENTRIC	1	1

END OF FIGURE



SECTION IV

CROSS REFERENCE INDEXES  
 NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
2940-00-007-4791	11	9		8	11
5360-00-009-9260	22	12		25	8
2910-00-066-2499	18	9	2815-01-097-3401	31	7
5305-00-068-0510	16	7	5365-01-097-8875	31	6
5330-00-097-5071	17	14	5330-01-101-0440	31	12
3110-00-100-2357	7	20	5305-01-101-9433	18	17
3110-00-100-2364	7	19	5310-01-105-5952	14	2
5330-00-100-6869	23	11	5360-01-105-7443	13	10
5305-00-125-6171	18	55	3120-01-106-2405	32	14
2910-00-127-5073	18	24	5310-01-108-7557	13	9
2910-00-127-5075	18	21	4720-01-116-7814	2	7
3040-00-148-6552	18	59	2815-01-116-9023	32	13
5330-00-167-5174	14	4	2815-01-116-9147	27	6
4730-00-187-4202	32	17	2930-01-116-9242	2	3
3120-00-198-8902	30	1	2815-01-117-0791	30	9
2910-00-200-3294	18	71	2920-01-117-0825	4	7
3120-00-202-0837	30	2	2920-01-117-0856	6	5
5305-00-250-5613	18	31	2815-01-117-1908	27	2
4730-00-289-5176	23	13	4730-01-117-1935	2	12
5360-00-335-9327	18	34	2815-01-117-2827	21	7
5330-00-340-5374	2	4	2910-01-117-3048	18	20
5310-00-350-4717	7	4	2920-01-117-3645	6	3
2910-00-456-1349	18	16	4730-01-117-5354	32	19
5305-00-721-5492	27	8	4730-01-117-5682	32	18
5360-00-751-8916	18	19	3020-01-117-7629	27	3
5310-00-766-3566	7	6	3020-01-117-7630	28	3
4730-00-766-9019	23	14	3020-01-117-8986	1	1
5340-00-786-1550	18	18	3020-01-117-9628	15	11
5315-00-786-3998	18	35	3020-01-117-9630	28	11
5305-00-786-4033	18	25	3020-01-117-9631	30	4
2910-00-788-0989	18	29	5310-01-118-1383	6	4
5306-00-819-3038	18	38	5310-01-118-2243	12	4
5305-00-846-0129	18	4		15	10
5305-00-847-1159	8	12	5310-01-118-2248	18	86
5305-00-887-1547	18	126	5310-01-118-2250	28	5
5305-00-887-1564	18	127	5310-01-118-2354	2	2
5305-00-891-8979	18	14	5310-01-118-2356	8	13
2920-00-897-2459	18	88	5310-01-118-2362	2	9
5360-00-900-2564	18	105		6	2
4730-00-908-3195	8	6		8	5
4310-00-932-4787	18	45		10	4
5310-00-935-1243	18	15		14	6
5305-00-978-9368	18	10		27	9
5330-01-020-9234	25	12	5310-01-118-2363	6	8
5360-01-055-4398	18	65		13	4
5310-01-081-4688	3	4	5310-01-118-2364	4	5

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

SECTION IV

CROSS REFERENCE INDEXES  
 NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	17	16	5305-01-158-0834	7	33
5305-01-118-4111	11	1	5305-01-158-3212	4	4
5365-01-118-4113	19	4	5310-01-159-5737	4	1
5305-01-118-4114	18	90	4730-01-183-2140	18	128
5305-01-118-4269	6	1	5305-01-188-0489	18	73
5305-01-118-4271	8	4	5305-01-188-0490	18	73
	16	7	5305-01-188-0491	18	73
5305-01-118-4275	23	1	5305-01-188-0492	18	73
5307-01-118-5771	3	7	5305-01-188-0493	18	73
5310-01-118-7940	29	2	5305-01-188-0494	18	73
5305-01-118-7948	16	22	5305-01-188-0948	18	78
5365-01-118-8765	6	6	4820-01-189-0894	18	101
5320-01-118-8766	17	7	5305-01-191-0374	18	130
5305-01-118-9575	29	1	2815-01-192-4588	20	2
5305-01-119-1059	32	2	3020-01-192-8392	27	12
5360-01-119-1609	21	5	5340-01-194-0212	16	1
5315-01-119-3116	28	7	3020-01-94-0295	27	11
5315-01-119-3117	28	13	4730-01-94-1661	11	10
5306-01-119-3145	28	1	3040-01-94-1696	27	13
5310-01-119-3672	32	3	3040-01-94-1697	27	14
5310-01-119-4371	21	2	2815-01-94-2142	9	6
4730-01-119-6897	17	10	5330-01-195-1510	12	2
3120-01-119-8978	30	2	4720-01-195-3850	10	2
3120-01-119-8979	30	2	3040-01-196-1487	6	7
3120-01-119-8980	30	2	5365-01-196-2420	14	1
3120-01-119-8981	30	2	5365-01-196-2421	11	14
3120-01-119-8983	30	1	3040-01-196-3934	18	32
3120-01-119-8984	30	1	5340-01-197-0609	11	3
3120-01-119-8985	30	1	5315-01-197-0815	32	15
3120-01-119-9000	28	2	5360-01-197-0860	32	21
5305-01-119-9323	29	6	5330-01-197-0905	20	3
4730-01-120-3316	17	8	5340-01-197-0927	11	2
5315-01-120-3392	30	6	5305-01-197-1213	15	3
	32	9	5310-01-197-2389	7	5
3120-01-120-8213	28	12	5306-01-197-3085	15	1
3120-01-121-1780	28	4	5310-01-197-3347	15	2
5340-01-121-2028	22	5		15	4
5315-01-123-1569	27	4	5315-01-197-9245	30	5
4730-01-123-8617	17	12	5305-01-198-4651	25	2
5365-01-124-0188	17	9	3120-01-198-6480	32	20
5365-01-124-5878	13	8	3130-01-198-7985	32	5
5330-01-126-1042	3	6	4730-01-199-1439	8	3
5340-01-131-0078	21	3		8	10
5310-01-134-3292	21	4	5365-01-199-2299	27	10
5310-01-137-9443	5	3	4730-01-200-0798	8	2
3120-01-139-4835	30	1	5310-01-213-9964	18	5



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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5310-01-218-8296	23	2	5340-01-324-6673	23	10
5365-01-219-3110	32	6	4730-01-325-0444	19	3
3120-01-219-3602	31	3	5310-01-329-1131	16	8
5310-01-228-0471	19	6	5310-01-329-6683	28	10
2930-01-230-3864	3	5	5305-01-329-6988	22	1
3040-01-230-9081	18	33	5330-01-329-7056	29	4
4710-01-231-2660	11	6	5340-01-329-7186	22	6
2815-01-231-6711	27	5	5310-01-330-2169	24	3
3020-01-231-8668	17	19	5305-01-330-2200	24	1
4820-01-231-9772	32	22	5315-01-330-7795	28	6
3130-01-232-0393	32	4	5961-01-330-7886	5	19
5305-01-232-1269	18	23	3120-01-330-8379	30	7
5307-01-232-2033	17	18	3120-01-330-8382	5	32
4730-01-232-2136	19	5	5977-01-331-3432	5	11
5330-01-232-2145	18	3	2920-01-331-3567	5	1
4710-01-232-2304	11	7	5330-01-331-6251	30	8
5310-01-232-6582	17	15	4820-01-333-0164	22	3
5305-01-232-7915	3	3	2815-01-333-0256	21	8
	6	9	2815-01-333-0730	22	4
5330-01-234-2615	18	a	2805-01-333-0751	22	11
5340-01-235-3309	17	1	2815-01-333-1457	22	13
5306-01-236-0449	31	2	2815-01-333-1562	21	6
5330-01-236-0472	18	40	4730-01-333-1948	16	5
5330-01-236-0473	18	103	5330-01-333-2151	16	25
5330-01-236-0475	18	110	2910-01-333-2238	13	11
	18	121	2815-01-333-2287	31	8
5330-01-236-0476	18	129	2815-01-333-2308	23	3
5330-01-236-1743	15	8	2910-01-333-2309	19	2
5365-01-241-4143	14	3	2815-01-333-2384	31	10
5305-01-254-9068	23	12	5330-01-333-2698	19	7
5310-01-256-3065	7	9	5310-01-333-2754	16	23
5310-01-257-3240	4	3		17	17
5330-01-257-9152	32	7	5310-01-333-2757	18	6
4720-01-261-5368	BULK		3120-01-333-3840	18	119
5330-01-268-0913	20	4	5330-01-333-4469	23	8
4720-01-269-8761	8	9	5315-01-333-5110	18	104
2815-01-273-0318	31	9	5305-01-333-5377	3	2
3020-01-280-4316	23	4	5306-01-333-5484	19	1
5330-01-292-2440	9	7	5330-01-333-5522	2	11
5330-01-307-9409	23	9	3040-01-333-6058	18	108
5330-01-307-9411	32	16	5310-01-333-6326	18	87
5330-01-307-9424	10	6	5310-01-333-6331	18	12
5330-01-311-5972	15	9	5310-01-333-6335	18	84
3120-01-315-8780	31	5	5365-01-333-6357	18	64
5315-01-321-6068	33	18	5330-01-333-6358	18	27
5330-01-321-9742	8	15	4320-01-333-8217	18	107

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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4320-01-333-8335	18	97	5330-01-360-7179	13	2
5310-01-334-0438	18	82	5330-01-360-7180	13	7
5310-01-334-0439	18	61	5330-01-360-7189	7	8
4730-01-334-0695	18	98	5310-01-360-7550	4	6
5310-01-334-7213	18	56	5305-01-360-7589	5	20
5310-01-334-9989	18	30		5	31
2815-01-335-3545	22	10	5305-01-360-7645	5	12
5970-01-335-4347	18	85	2920-01-360-7746	7	18
2815-01-335-4414	22	14	5305-01-360-7859	7	10
2920-01-335-5893	5	14	5305-01-360-7860	7	22
4730-01-336-5494	2	6	2815-01-360-7946	22	3
	11	4	2990-01-360-8001	10	5
4730-01-336-6962	22	7	5330-01-360-9021	22	15
	32	12	5330-01-360-9028	7	12
5305-01-336-8887	2	1	5310-01-360-9083	7	14
	9	4	5330-01-360-9089	5	8
	14	5	4730-01-360-9198	8	16
	14	7	5305-01-360-9299	23	5
3040-01-337-4299	27	7	5977-01-360-9606	7	17
4720-01-337-4474	11	8	3110-01-361-0251	7	29
5330-01-337-4746	11	12	2920-01-361-0613	7	23
2910-01-337-7377	16	24	5305-01-361-1185	5	16
2930-01-337-7418	11	11	3120-01-361-1479	31	5
3120-01-338-3930	31	5	3120-01-361-1480	31	5
5340-01-339-8962	18	7	4820-01-361-2178	22	14
5306-01-343-7128	5	21	2920-01-361-2361	7	21
5330-01-345-2342	14	9	5310-01-361-2649	7	3
6685-01-348-4793	2	5	3110-01-361-2801	5	23
5330-01-348-6933	8	8	2815-01-361-3960	32	1
5310-01-355-9568	28	8	5306-01-361-5612	7	11
2920-01-3594770	7	1	4140-01-361-5876	5	27
2910-01-359-4971	16	19	2815-01-361-5954	26	1
	16	26	5305-01-361-6742	7	2
2910-01-359-6543	18	1	2805-01-361-8179	22	13
5310-01-360-1690	7	13	2920-01-361-8210	5	24
5365-01-360-1974	16	18	2920-01-361-8220	5	22
5310-01-360-1983	5	17	2920-01-361-8312	7	15
5340-01-360-4803	13	1	5970-01-361-9097	5	15
5310-01-360-4838	5	2	4710-01-362-1167	17	3
5340-01-360-4846	5	10	4710-01-362-1168	17	4
5305-01-360-5281	5	13	4710-01-362-1169	17	5
5305-01-360-5282	5	6	4720-01-362-1702	8	1
4820-01-360-6158	22	13	4710-01-362-1980	17	6
2815-01-360-6265	22	4	4710-01-362-1981	8	7
4820-01-360-6313	22	14	2520-01-362-5698	7	28
5330-01-360-7171	16	15	6680-01-363-0501	12	1

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STOCKNUMBER	FIG.	ITEM	STOCKNUMBER	FIG	ITEM
2920-01-363-2412	5	33	4910-01-395-4246	33	9
4810-01-363-8062	18	102	4910-01-395-4247	33	10
5305-01-363-8416	29	5	5340-01-395-8007	18	70
5310-01-363-9103	18	26	5930-01-397-7597	7	31
5310-01-363-9120	18	66	5330-01-399-2159	18	49
3040-01-364-2259	18	69	5330-01-399-2161	18	46
3040-01-364-4608	29	3	5310-01-406-3756	16	13
2815-01-364-4613	31	1	4730-01-408-1575	10	1
	31	4	5315-01-408-2151	24	4
5310-01-365-4384	5	26	3040-01-408-3193	31	11
5305-01-371-6114	21	1	5305-01-408-5447	4	2
5310-01-379-8139	7	34	5305-01-408-5448	23	6
5310-01-379-8641	5	5	2815-01-408-6976	30	3
5310-01-380-9059	5	9	2815-01408-6978	22	2
5310-01-380-9074	5	4	5305-01-409-0186	10	3
5360-01-381-6121	7	30	4710-01-410-8038	16	2
5961-01-382-1468	5	18	5305-01-411-9088	28	9
6620-01-382-7334	33	12	4710-01-415-4992	25	5
4730-01-382-8751	16	17	5330-01-423-4043	18	60
2950-01-383-4078	8	14	5315-01-424-6611	5	28
5935-01-383-5778	5	7			
5340-01-383-8775	17	2			
5330-01-383-8865	16	20			
5330-01-383-8904	16	14			
4330-01-384-0890	16	9			
5310-01-384-6262	5	25			
2815-01-384-6281	25	10			
5120-01-385-2799	33	17			
5325-01-385-3367	16	10			
5330-01-385-3420	16	11			
5120-01-388-0957	33	6			
5120-01-391-2093	33	13			
5120-01-393-1254	33	1			
5120-01-393-3636	33	4			
5120-01-393-3638	33	3			
5120-01-393-3889	33	11			
5120-01-393-3890	33	2			
5120-01-393-3892	33	16			
5365-01-393-6791	18	80			
5120-01-393-9501	33	7			
5935-01-394-4659	7	16			
5120-01-394-5256	33	5			
4910-01-394-6187	33	14			
5340-01-395-0133	7	32			
4910-01-395-3445	33	15			
4910-01-395-4245	33	8			

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F S C M	PART NUMBER	STOCK NUMBER	FIG.	ITEM
68505	0142499T36	5961-01-330-7886	5	19
OE5W9	028062-0200	5935-01-394-4659	7	16
OE5W9	028062-5150	5340-01-395-0133	7	32
1CX05	028063-0030	- - -	7	25
8C367	028099-3200	- - -	7	36
8C367	028099-5650	- - -	7	37
1CX05	028100-2881	2920-01-361-2361	7	21
1CX05	028200-2230	2920-01-360-7746	7	18
OE5W9	028300-3690	2520-01-362-5698	7	28
1CX05	028306-0070	- - -	7	26
1CX05	028327-0170	- - -	7	27
1CX05	028371-1500	- - -	7	24
1CX05	028501-0920	2920-01-361-8312	7	15
OE5W9	028510-0500	5977-01-360-9606	7	17
68505	02S10971A18	5310-01-360-4838	5	2
84760	04806	2910-01-359-6543	18	1
68505	04B44761F16	5970-01-361-9097	5	15
8C367	053505-0290	- - -	7	35
8C367	053660-7170	- - -	7	38
68505	101-208	5961-01-382-1468	5	18
68505	103-55	5977-01-331-3432	5	11
68505	103-56	5330-01-360-9089	5	8
78514	10394	- - -	18	75
84760	10402	- - -	16	12
78514	10443	- - -	18	134
78514	10453	- - -	18	95
68505	105-270	2920-01-335-5893	5	14
56161	10501882	5305-01-158-3212	4	4
56161	10504005	5305-01-158-0834	7	33
68505	107-68	4140-01-361-5876	5	27
78514	11086	- - -	18	125
78514	11087	- - -	18	125
78514	11088	- - -	18	125
78514	11089	- - -	18	125
78514	11090	- - -	18	125
78514	11097	- - -	18	125
78514	11098	- - -	18	125
78514	11099	- - -	18	125
68505	111-21	3120-01-330-8382	5	32
68505	111-64S	3110-01-361-2801	5	23
78514	11100	- - -	18	125
OBND4	11141	3120-01-333-3840	18	119
78514	11175	- - -	18	117
68505	112-70	2920-01-363-2412	5	33

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FSCM	PARTNUMBER	STOCKNUMBER	FIG.	ITEM
68505	113-58	2920-01-361-8210	5	24
84760	11331	5306-00-819-3038	18	38
68505	114-214	5935-01-383-5778	5	7
68505	114-222	2920-01-361-8220	5	22
68505	114-227	- - -	5	30
84760	11438	5305-00-887-1547	18	126
78514	11563	- - -	18	63
84760	11582	5310-01-213-9964	18	5
84760	11919	5360-00-335-9327	18	34
68505	120-109	5310-01-360-1983	5	17
68505	120-113	5310-01-380-9074	5	4
68505	120-120	5310-01-379-8641	5	5
68505	120-121	5305-01-361-1185	5	16
68505	120-136	5310-01-384-6262	5	25
68505	120-137	5310-01-365-4384	5	26
68505	120-148	5310-01-380-9059	5	9
68505	120-152	- - -	5	29
68505	120-252	5305-01-360-5282	5	6
68505	120-334	5340-01-360-4846	5	10
68505	120-336	5306-01-343-7128	5	21
68505	120-339	5305-01-360-7645	5	12
24975	120-344	5305-01-360-5281	5	13
68505	120-347S	5305-01-360-7589	5	20
			5	31
35510	120-7	5315-01-424-6611	5	28
OBND4	12019	2910-00-127-5073	18	24
OBND4	12049	5310-01-333-6331	18	12
84760	12167	5305-01-232-1269	18	23
84760	12169	5305-00-786-4033	18	25
84760	12174	5310-00-935-1243	18	15
84760	12216	5305-00-887-1564	18	127
84760	12221	2910-00-788-0989	18	29
78514	12259	- - -	18	72
78514	12285	- - -	18	114
OBND4	12288	5310-01-334-0439	18	61
84760	12360	5305-00-250-5613	18	31
OBND4	12362	5310-01-334-9989	18	30
OBND4	12500	5970-01-335-4347	18	85
OBND4	12519	5310-01-333-6335	18	84
78514	12622	- - -	18	48
1CXO5	128401-8300	2920-01-361-0613	7	23
78514	12966		18	67
84760	12972	5305-00-891-8979	18	14
84760	12985	- - -	18	13

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
78514	12998	- - -	18	11
75160	12H303	5310-01-118-2364	4	5
			17	16
75160	12H304	5310-01-118-2362	2	9
			6	2
			8	5
			10	4
			14	6
			27	9
75160	12H324	5310-01-118-7940	29	2
75160	12M7066	5310-01-360-7550	4	6
84760	13010	5340-00-786-1550	18	18
84760	1323	5360-00-751-8916	18	19
OBND4	13521	5310-01-333-2757	18	6
78514	13554	5315-00-786-3998	18	35
78514	13558	- - -	18	37
OBND4	13807	5310-01-334-7213	18	56
78514	13821	- - -	18	132
78514	13822	- - -	18	132
78514	13837	- - -	18	133
OBND4	14408	5310-01-363-9103	18	26
78514	14483	- - -	18	111
84760	14544	5305-00-125-6171	18	55
OBND4	14760	5310-01-334-0438	18	82
78514	14940	- - -	18	52
78514	14941	- - -	18	54
84760	14966	2910-00-066-2499	18	9
75160	14H785	5310-01-232-6582	17	15
75160	14H812	5310-01-118-1383	6	4
75160	14H826	5310-01-118-2243	12	4
			15	10
78514	15228	- - -	18	99
OE5W9	153400-0810	5930-01-397-7597	7	31
78514	15438	- - -	18	43
84760	15668	5305-01-101-9433	18	17
84760	15699	5360-00-900-2564	18	105
75160	15H666	- - -	32	10
78514	16135	- - -	18	22
84760	16136	2910-00-127-5075	18	21
84760	16247	2910-00-456-1349	18	16
84760	16392	2910-01-117-3048	18	20
78514	16440	- - -	18	123
78514	16441	- - -	18	122
84760	16568	2910-00-200-3294	18	71

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
78514	16572	- - -	18	57
78514	16587	- - -	18	28
75160	16H658	5320-01-118-8766	17	7
OBND4	17438	5330-01-333-6358	18	27
84760	18493	5310-01-118-2248	18	86
OBND4	18501	5310-01-333-6326	18	87
78514	18959	- - -	18	51
OBND4	18967	4310-00-932-4787	18	45
			18	53
OBND4	19837	5315-01-333-5110	18	104
84760	19844	5330-01-236-0473	18	103
78514	19855	- - -	18	100
84760	19895	4820-01-189-0894	18	101
75160	19H1726	5305-01-118-4269	6	1
75160	19H1849	5305-01-118-7948	16	22
75160	19H1912	5305-01-232-7915	3	3
			6	9
75160	19H2284	5305-01-118-4271	8	4
			16	7
75160	19H2351	5305-01-254-9068	23	12
75160	19H2599	5305-01-408-5448	23	6
75160	19H2676	- - -	27	1
75755	19H2855	5305-01-333-5377	3	2
75160	19H2993	5305-01-118-4275	23	1
75160	19H3031	5305-01-371-6114	21	1
75160	19H3065	- - -	3	1
75160	19H3183	5305-01-411-9088	28	9
75160	19H3217	- - -	13	3
75160	19H3219	5305-01-360-9299	23	5
75160	19H3239	5305-01-409-0186	10	3
75160	19H3385	5305-01-198-4651	25	2
75160	19H3408	- - -	25	1
75755	19H3411	5305-01-336-8887	2	1
			9	4
			14	5
			14	7
75160	19H3733	- - -	25	4
75160	19H3737	- - -	9	1
75160	19H3738	- - -	9	5
75160	19H3743	- - -	13	5
75160	19H3745	- - -	2	8
75160	19H3746	- - -	9	3
75160	19M8197	5305-01-408-5447	4	2
78514	20214	- - -	18	112

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
78514	20219	- - -	18	58
78514	20222	- - -	18	113
84760	20224	3040-00-148-6552	18	59
84760	20225	3040-01-230-9081	18	33
78514	20240	- - -	18	36
78514	20243	- - -	18	68
38788	20355	3040-01-364-2259	18	69
84760	20359	5360-01-055-4398	18	65
75160	20401	5120-01-393-3889	33	11
78514	20475	- - -	18	62
OBND4	20525	4320-01-333-8335	18	97
OBND4	20528	4320-01-333-8217	18	107
78514	20530	- - -	18	109
84760	20727	4730-01-183-2140	18	128
78514	20803	- - -	18	106
78514	20951	- - -	18	83
84760	21194	5305-01-188-0948	18	78
78514	21251	- - -	18	2
78514	21521	- - -	18	136
78514	21618	- - -	18	137
84760	21661	5305-01-188-0490	18	73
84760	21662	5305-01-188-0491	18	73
84760	21663	5305-01-188-0492	18	73
84760	21664	5305-01-188-0493	18	73
84760	21665	5305-01-188-0494	18	73
78514	21687	- - -	18	116
84760	21898	5340-01-339-8962	18	7
9T239	21900	4910-01-395-4246	33	9
78514	22238	- - -	18	39
78514	22248	- - -	18	63
84760	22351	5305-01-118-4114	18	90
78514	22655	- - -	18	44
78514	22658	- - -	18	47
78514	22985	- - -	18	138
OBND4	22988	3040-01-333-6058	18	108
78514	23056	- - -	18	41
78514	23107	- - -	18	76
78514	23190	- - -	18	89
78514	23367	- - -	18	94
84760	23382	5365-01-393-6791	18	80
84760	24364	- - -	18	81
78514	24419	- - -	18	74
78514	24569	- - -	18	120
78514	24691	- - -	18	135



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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
75160	24H1304	5310-01-118-2363	6	8
			13	4
75160	24H1305	5310-01-118-2356	8	13
75160	24H1621	5310-01-257-3240	4	3
75160	24M7096	5310-01-118-2354	2	2
75160	24M7106	- - -	9	2
			25	3
75755	24M7239	5310-01-329-1131	16	8
78514	26346		18	92
84760	26387	2920-00-897-2459	18	88
OBND4	26427	5365-01-333-6357	18	64
OBND4	26617	4730-01-334-0695	18	98
75160	26H72	5315-01-197-9245	30	5
75160	26H90	5315-01-408-2151	24	4
78514	27139	- - -	18	118
84760	27244	5330-01-234-2615	18	8
84760	27245	5330-01-236-0475	18	110
			18	121
84760	27599	5340-01-395-8007	18	70
84760	27601	5330-01-236-0476	18	129
84760	27602	5330-01-236-0472	18	40
78514	27603	- - -	18	77
OBND4	27606	5310-01-363-9120	18	66
84760	27607	5330-01-232-2145	18	3
84760	27608	- - -	18	110
78514	27610	- - -	18	42
78514	27639	- - -	18	91
78514	27907	- - -	18	50
78514	27974	- - -	18	79
78514	28681	- - -	18	115
84760	28691	5325-01-385-3367	16	10
84760	28693	5330-01-385-3420	16	11
84760	28849	5310-01-406-3756	16	13
84760	28853	5330-01-383-8904	16	14
84760	28869	5330-01-360-7171	16	15
84760	28987	4810-01-363-8062	18	102
75160	28H2547	5365-01-118-8765	6	6
78514	29384	- - -	18	131
78514	29458	5365-01-360-1974	16	18
84760	29552	- - -	16	16
84760	29575	4730-01-382-8751	16	17
84760	29577	5330-01-383-8865	16	20
84760	29586	4330-01-384-0890	16	9
84760	29710	5305-01-191-0374	18	130

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
00624	3-02727	4730-00-766-9019	23	14
78514	30387	- - -	18	96
78514	30788	- - -	18	140
78514	30789	- - -	18	139
84760	31332	5330-01-423-4043	18	60
78514	32100	- - -	18	124
78514	32787	- - -	18	93
75160	34H283	5315-01-119-3116	28	7
75160	34H286	5315-01-119-3117	28	13
21585	38105-7	5310-01-081-4688	3	4
			8	11
			25	8
79975	39147-B	2815-01-333-2384	31	10
72741	458-006	5310-01-137-9443	5	3
80201	545162	5330-01-020-9234	25	12
34623	5740572	5305-01-188-0489	18	73
60764	639059	5330-01-399-2159	18	49
60764	639064	5330-01-399-2161	18	46
05083	67-3303	4910-01-395-4245	33	8
05083	67-5116	4910-01-395-4247	33	10
68505	8EM3002GC	2920-01-331-3567	5	1
OE5W9	90258-06001	5310-01-360-9083	7	14
1CX05	90804-10050	5330-01-360-9028	7	12
1CX05	91310-05081	5305-01-360-7859	7	10
1CX05	949006-2620	5305-01-361-6742	7	2
1CX05	949007-1730	5305-01-360-7860	7	22
1CX05	949011-5700	5310-01-360-1690	7	13
OE5W9	949016-0220	5310-01-361-2649	7	3
OE5W9	949042-2270	5306-01-361-5612	7	11
S5715	949100-2160	3110-00-100-2357	7	20
S5715	949100-2210	3110-00-100-2364	7	19
5T151	949120-0240	3110-01-361-0251	7	29
OE5W9	949170-4070	5360-01-381-6121	7	30
34914	990-0063	5310-01-159-5737	4	1
OE9NO	A300X4	4730-00-289-5176	23	13
75160	A3910R	5340-01-121-2028	22	5
75160	A3917R	5330-01-195-1510	12	2
75160	A4827R	5310-01-108-7557	13	9
75160	AR103811	- - -	20	1
75755	AR26708	4730-01-200-0798	8	2
75755	AR61351	3040-01-194-1696	27	13
75755	AR61352	3040-01-194-1697	27	14
75755	AR61533	5340-01-324-6673	23	10
75160	AR65507	5330-01-101-0440	31	12

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
75160	AR71080	3120-01-315-8780	31	5
75160	AR76129	3120-01-361-1479	31	5
75160	AR76130	3120-01-361-1480	31	5
75755	AR76131	3120-01-338-3930	31	5
75160	AR76704	5305-01-118-4111	11	1
75160	AR89852	- - -	17	11
75755	AR91660	3020-01-117-7630	28	3
75755	AR97708	2930-01-230-3864	3	5
75755	AT18015	2815-01-192-4588	20	2
75160	AT21108	3120-01-119-8983	30	1
75160	AT21110	3120-01-139-4835	30	1
75160	AT21112	3120-01-119-8984	30	1
75160	AT21114	3120-01-119-8985	30	1
75160	AT21130	3120-01-119-8978	30	2
75160	AT21132	3120-01-119-8979	30	2
75160	AT21134	3120-01-119-8980	30	2
75160	AT21136	3120-01-119-8981	30	2
75160	AT21139	3120-00-202-0837	30	2
75160	AT21140	3120-00-198-8902	30	1
75160	AT21191	5305-01-363-8416	29	5
75160	AT22919	5305-01-119-9323	29	6
75755	AT24252	3020-01-117-9630	28	11
75160	AU42892	- - -	4	8
80204	B1821BH038C100N	5305-00-068-0510	16	7
80204	B1821BH038C063N	5305-00-721-5492	27	8
75160	CD15466	- - -	31	13
99862	CLM-10-JN	5310-01-256-3065	7	9
75160	DD12120	- - -	21	9
15526	DIN127-B5-A3G	5310-01-379-8139	7	34
75160	E-69392	5310-01-355-9568	28	8
75755	H35244	5330-01-331-6251	30	8
79150	I-2990M	5330-01-348-6933	8	8
OE5W9	ISO-1	- - -	7	7
45225	JD247	5120-01-393-3890	33	2
45225	JD248A	5120-01-393-3638	33	3
45225	JD249	5120-01-393-3636	33	4
45225	JD252	5120-01-394-5256	33	5
75160	JD286	5120-01-388-0957	33	6
75160	JDE-81-4	5315-01-321-6068	33	18
45225	JDG536	5120-01-391-2093	33	13
45225	JDG670	5120-01-393-9501	33	7
75160	JDG675	5120-01-393-3892	33	16
45225	JDG676	5120-01-393-1254	33	1
45225	JDH7	5120-01-385-2799	33	17

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
75755	JT01679	4910-01-394-6187	33	14
75160	JT01682	6620-01-382-7334	33	12
2T258	JT02017	4910-01-395-3445	33	15
75160	M1746T	5365-01-196-2420	14	1
75160	M49487	- - -	16	6
81349	M83248/2-910	5330-00-167-5174	14	4
96906	MS16997-30	5305-00-978-9368	18	10
96906	MS35265-68	5305-00-846-0129	18	4
96906	MS35307-365	5305-00-847-1159	8	12
73370	PH20	2940-00-007-4791	11	9
1CX05	PRE-1	5330-01-360-7189	7	8
75160	R57059	5305-01-197-1213	15	3
75755	R100105	5310-01-329-6683	28	10
75160	RI00889	- - -	12	3
75755	R101201	5306-01-333-5484	19	1
75755	R104592	4730-01-336-6962	22	7
			32	12
75755	R105714	5330-01-337-4746	11	12
75160	R108404	2920-01-117-3645	6	3
75755	R109086	5310-01-330-2169	24	2
75755	R109863	5315-01-330-7795	28	6
75160	R110531	4730-01-408-1575	10	1
75160	R113752	- - -	15	5
75755	R116281	3040-01-408-3193	31	11
75755	R120013	4720-01-269-8761	8	9
75160	R120586	- - -	23	7
75160	R121314	- - -	25	11
75160	R122226	- - -	25	9
75160	R12226	- - -	32	11
75755	R124230	2815-01-097-3401	31	7
75755	R124277	4710-01-415-4992	25	5
75755	R125066	- - -	25	7
75160	R125863	- - -	22	9
75160	R126041	- - -	25	6
75160	R26125	5360-00-009-9260	22	12
75160	R26286	5330-00-097-5071	17	14
75160	R26493	3120-01-106-2405	32	14
75160	R26650	5315-01-197-0815	32	15
75160	R27149	5330-00-100-6869	23	11
75160	R27474	5365-01-241-4143	14	3
75160	R28811	3020-01-280-4316	23	4
75755	R35352	4730-01-123-8617	17	12
75755	R39503	4730-01-199-1439	8	3
			8	10

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FSCM	PARTNUMBER	STOCKNUMBER	FIG.	ITEM
75160	R39741	5365-01-219-3110	32	6
75160	R42729	5310-01-119-4371	21	2
75755	R43409	5340-01-329-7186	22	6
75160	R46625	5360-01-197-0860	32	21
75160	R48000	5310-01-228-0471	19	6
75755	R48516	3040-01-196-3934	18	32
75160	R48685	5315-01-120-3392	30	6
			32	9
75160	R50899	5310-01-197-2389	7	5
75160	R51936	5365-01-124-0188	17	9
75755	R51937	4730-01-120-3316	17	8
75755	R52819	2815-01-194-2142	9	6
75160	R54114	5365-01-097-8875	31	6
75160	R54565	5340-01-131-0078	21	3
75755	R54641	5330-01-333-5522	2	11
75755	R54802	4730-01-117-5354	32	19
75160	R55128	5340-01-197-0609	11	3
75160	R55129	5340-01-197-0927	11	2
75755	R56012	2920-01-117-0825	4	7
75160	R56463	5330-01-268-0913	20	4
75755	R56551	4720-01-195-3850	10	2
75160	R56588	5340-01-194-0212	16	1
75160	R56947	5365-01-196-2421	11	14
75160	R57160	3120-01-198-6480	32	20
75160	R57451	3120-01-219-3602	31	3
75755	R59962	3040-01-196-1487	6	7
75160	R61871	5330-01-311-5972	15	9
75160	R62072	-- -	31	5
75160	R65215	3130-01-198-7985	32	5
75160	R65833	- - -	31	13
75755	R66090	4730-01-119-6897	17	10
75755	R73139	4820-01-231-9772	32	22
75160	R73521	5330-01-197-0905	20	3
75755	R73602	4710-01-231-2660	11	6
75755	R73603	4710-01-232-2304	11	7
75160	R74354	5330-01-236-1743	15	8
75160	R74552	5306-01-197-3085	15	1
75160	R74553	5310-01-197-3347	15	2
			15	4
75160	R75892	5330-01-307-9411	32	16
75755	R76964	3020-01-231-8668	17	19
75160	R79089	3130-01-232-0393	32	4
75160	R79604	4730-01-232-2136	19	5
75160	R79605	5365-01-118-4113	19	4

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FSCM	PARTNUMBER	STOCKNUMBER	FIG.	ITEM
75755	R79606	4730-01-325-0444	19	3
75160	R80033	5306-01-236-0449	31	2
75160	R80135	5330-01-360-7179	13	2
75160	R80152	2990-01-360-8001	10	5
75160	R81275	5330-01-307-9424	10	6
75755	R81514	3040-01-337-4299	27	7
75755	R81989	3120-01-330-8379	30	7
75755	R82131	4730-01-333-1948	16	5
75160	R82426	-- --	14	8
75755	R82820	2815-01-231-6711	27	5
75755	R82896	2815-01-333-0256	21	8
75755	R83169	2910-01-333-2238	13	11
75755	R84978	5305-01-330-2200	24	1
75755	R85363	5305-01-329-6988	22	1
75160	R85390	-- --	24	3
75755	R85687	4820-01-333-0164	22	3
75160	R87259	5330-01-360-7180	13	7
75755	R89879	5330-01-321-9742	8	15
75755	R90648	5330-01-329-7056	29	4
75160	R90658	5330-01-292-2440	9	7
75755	R90692	2815-01-333-1457	22	13
75755	R91889	2815-01-335-3545	22	10
75755	R92352	5330-01-333-2698	19	7
75160	R92446	-- --	2	10
75755	R93910	2815-01-360-7946	22	3
75160	R97342	5330-01-345-2342	14	9
75755	R97350	5330-01-333-2151	16	25
75755	R97351	5330-01-333-4469	23	8
75755	R97490	4820-01-361-2178	22	14
75755	R97491	4820-01-360-6313	22	14
75755	R97492	4820-01-360-6158	22	13
75755	R97493	2805-01-361-8179	22	13
75755	R98062	2815-01-335-4414	22	14
75755	R98063	2815-01-333-0730	22	4
75755	R98335	2815-01-360-6265	22	4
75755	R99802	4720-01-337-4474	11	8
75755	RE16149	3040-01-364-4608	29	3
75755	RE19265	4710-01-362-1981	8	7
75160	RE19797	5340-01-235-3309	17	1
75160	RE19799	5340-01-383-8775	17	2
75755	RE23941	2815-01-333-2308	23	3
75160	RE26917	-- --	13	6
75755	RE27667	2910-01-337-7377	16	24
75160	RE29787	2815-01-361-3960	32	1

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
75160	RE29787-1		32	8
75755	RE31323	2805-01-333-0751	22	11
75160	RE31617	5330-01-360-9021	22	15
75755	RE31929	2930-01-337-7418	11	11
75160	RE31929-1	- - -	11	13
75755	RE31973	2815-01-333-1562	21	6
75755	RE32361	4730-01-336-5494	2	6
			11	4
75755	RE33115	2815-01-333-2287	31	8
75160	RE33705	6685-01-348-4793	2	5
75755	RE36190	2815-01-361-5954	26	1
75160	RE36605	2815-01-408-6976	30	3
75755	RE36689	4710-01-410-8038	16	2
75755	RE38087	2910-01-333-2309	19	2
75160	RE38087-1	- - -	19	8
75160	RE39252	2815-01-384-6281	25	10
75160	RE40414	2950-01-383-4078	8	14
75160	RE40547	6680-01-363-0501	12	1
75160	RE41740	5340-01-360-4803	13	1
75755	RE42733	2815-01-364-4613	31	1
			31	4
75755	RE43284	4710-01-362-1167	17	3
75755	RE43285	4710-01-362-1168	17	4
75755	RE43286	4710-01-362-1169	17	5
75755	RE43287	4710-01-362-1980	17	6
75160	RE44574	5330-01-307-9409	23	9
75755	RE45421	4720-01-362-1702	8	1
75160	RE48616	2815-01-408-6978	22	2
75160	RE48616-1	- - -	22	8
75160	RE48710	- - -	16	3
75160	RE48818	2815-01-273-0318	31	9
75755	RE48827	2920-01-359-4770	7	1
75160	RE50572	- - -	16	28
75160	RE51649	- - -	16	27
75160	RE54412	- - -	15	6
75160	RE55343	- - -	15	7
75160	RE56322	- - -	17	13
75755	RE62418	2910-01-359-4971	16	19
			16	26
75160	RE63180	- - -	16	21
78286	S10-10-3365-1	5310-00-766-3566	7	6
81343	SAE J1508-06	4730-00-908-3195	8	6
75755	T11180	4730-01-360-9198	8	16
75160	T13213	5310-01-105-5952	14	2

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FSCM	PARTNUMBER	STOCKNUMBER	FIG.	ITEM
75755	T18891	2815-01-116-9023	32	13
75755	T19651	4730-01-117-1935	2	12
75160	T20034T	3120-01-121-1780	28	4
75755	T20046	2815-01-117-0791	30	9
75755	T20070	3020-01-117-7629	27	3
75755	T20072	2815-01-117-1908	27	2
75755	T20073	2815-01-116-9147	27	6
75755	T20094	3020-01-117-9631	30	4
75755	T20130	3020-01-194-0295	27	11
75755	T20133	3020-01-192-8392	27	12
75160	T20166	5305-01-118-9575	29	1
75160	T20168	5310-01-119-3672	32	3
75160	T20193	5365-01-199-2299	27	10
75755	T20202	2920-01-117-0856	6	5
75160	T20215	5330-00-340-5374	2	4
75160	T20243	5330-01-126-1042	3	6
75755	T20277	4720-01-116-7814	2	7
75755	T20298	3020-01-117-9628	15	11
75160	T20314	5360-01-119-1609	21	5
75755	T20315	2815-01-117-2827	21	7
75160	T20316	5310-01-134-3292	21	4
75755	T23435	4730-01-117-5682	32	18
75160	T23442	5307-01-232-2033	17	18
75160	T23474	5305-01-119-1059	32	2
75755	T23620	2930-01-116-9242	2	3
75160	T23891	5310-01-218-8296	23	2
75755	T24474	3020-01-117-8986	1	1
75160	T25701	5307-01-118-5771	3	7
75160	T26321	3120-01-120-8213	28	12
75160	T26324	5310-01-118-2250	28	5
75160	T26326	3120-01-119-9000	28	2
75160	T26327	5306-01-119-3145	28	1
75160	T27657	5365-01-124-5878	13	8
75160	T27658	5360-01-105-7443	13	10
75755	T27860	5310-01-333-2754	16	23
			17	17
75160	T28041	5315-01-123-1569	27	4
75755	T31306	4730-01-194-1661	11	10
75755	T60811	4720-01-261-5368	BULK	
75160	T60811-1	- - -	11	5
06021	U13639	5330-01-257-9152	32	7
75160	U45538	- - -	16	4
81348	WW-P-471AASBCC	4730-00-187-4202	32	17
36479	X4-89	5310-00-350-4717	7	4



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FIG.	ITEM	STOCKNUMBER	FSCM	PARTNUMBER
1	1	3020-01-117-8986	75755	T24474
2	1	5305-01-336-8887	75755	19H3411
2	2	5310-01-118-2354	75160	24M7096
2	3	2930-01-116-9242	75755	T23620
2	4	5330-00-340-5374	75160	T20215
2	5	6685-01-348-4793	75160	RE33705
2	6	4730-01-336-5494	75755	RE32361
2	7	4720-01-116-7814	75755	T20277
2	8	- - -	75160	19H3745
2	9	5310-01-118-2362	75160	12H304
2	10	- - -	75160	R92446
2	11	5330-01-333-5522	75755	R54641
2	12	4730-01-117-1935	75755	T19651
3	1	- - -	75160	19H3065
3	2	5305-01-333-5377	75755	19H2855
3	3	5305-01-232-7915	75160	19H1912
3	4	5310-01-081-4688	21585	38105-7
3	5	2930-01-230-3864	75755	AR97708
3	6	5330-01-126-1042	75160	T20243
3	7	5307-01-118-5771	75160	T25701
4	1	5310-01-159-5737	34914	990-0063
4	2	5305-01-408-5447	75160	19M8197
4	3	5310-01-257-3240	75160	24H1621
4	4	5305-01-158-3212	56161	10501882
4	5	5310-01-118-2364	75160	12H303
4	6	5310-01-360-7550	75160	12M7066
4	7	2920-01-117-0825	75755	R56012
4	8	- - -	75160	AU42892
5	1	2920-01-331-3567	68505	8EM3002GC
5	2	5310-01-360-4838	68505	02S10971A18
5	3	5310-01-137-9443	72741	458-006
5	4	5310-01-380-9074	68505	120-113
5	5	5310-01-379-8641	68505	120-120
5	6	5305-01-360-5282	68505	120-252
5	7	5935-01-383-5778	68505	114-214
5	8	5330-01-360-9089	68505	103-56
5	9	5310-01-380-9059	68505	120-148
5	10	5340-01-360-4846	68505	120-334
5	11	5977-01-331-3432	68505	103-55
5	12	5305-01-360-7645	68505	120-339
5	13	5305-01-360-5281	24975	120-344
5	14	2920-01-335-5893	68505	105-270
5	15	5970-01-361-9097	68505	04B44761F16
5	16	5305-01-361-1185	68505	120-121

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FIG.	ITEM	STOCKNUMBER	FSCM	PARTNUMBER
5	17	5310-01-360-1983	68505	120-109
5	18	5961-01-382-1468	68505	101-208
5	19	5961-01-330-7886	68505	0142499T36
5	20	5305-01-360-7589	68505	120-3478
5	21	5306-01-343-7128	68505	120-336
5	22	2920-01-361-8220	68505	114-222
5	23	3110-01-361-2801	68505	111-64S
5	24	2920-01-361-8210	68505	113-58
5	25	5310-01-384-6262	68505	120-136
5	26	5310-01-365-4384	68505	120-137
5	27	4140-01-361-5876	68505	107-68
5	28	5315-01-424-6611	35510	120-7
5	29	- - -	68505	120-152
5	30	- - -	68505	114-227
5	31	5305-01-360-7589	68505	120-347S
5	32	3120-01-330-8382	68505	111-21
5	33	2920-01-363-2412	68505	112-70
6	1	5305-01-118-4269	75160	19H1726
6	2	5310-01-118-2362	75160	12H304
6	3	2920-01-117-3645	75160	R108404
6	4	5310-01-118-1383	75160	14H812
6	5	2920-01-117-0856	75755	T20202
6	6	5365-01-118-8765	75160	28H2547
6	7	3040-01-196-1487	75755	R59962
6	8	5310-01-118-2363	75160	24H1304
6	9	5305-01-232-7915	75160	19H1912
7	1	2920-01-359-4770	75755	RE48827
7	2	5305-01-361-6742	1CX05	949006-2620
7	3	5310-01-361-2649	OE5W9	949016-0220
7	4	5310-00-350-4717	36479	X4-89
7	5	5310-01-197-2389	75160	R50899
7	6	5310-00-766-3566	78286	S10-10-3365-1
7	7	- - -	OE5W9	ISO-1
7	8	5330-01-360-7189	1CX05	PRE-1
7	9	5310-01-256-3065	99862	CLM-10-JN
7	10	5305-01-360-7859	1CX05	91310-05081
7	11	5306-01-361-5612	OE5W9	949042-2270
7	12	5330-01-360-9028	1CX05	90804-10050
7	13	5310-01-360-1690	1CX05	949011-5700
7	14	5310-01-360-9083	OE5W9	90258-06001
7	15	2920-01-361-8312	1CX05	028501-0920
7	16	5935-01-394-4659	OE5W9	028062-0200
7	17	5977-01-360-9606	OE5W9	028510-0500
7	18	2920-01-360-7746	1CX05	028200-2230

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FIG.	ITEM	STOCKNUMBER	FSCM	PARTNUMBER
7	19	3110-00-100-2364	S5715	949100-2210
7	20	3110-00-100-2357	S5715	949100-2160
7	21	2920-01-361-2361	1CX05	028100-2881
7	22	5305-01-360-7860	1CX05	949007-1730
7	23	2920-01-361-0613	1CX05	128401-8300
7	24	- - -	1CX05	028371-1500
7	25	- - -	1CX05	028063-0030
7	26	- - -	1CX05	028306-0070
7	27	- - -	1CX05	028327-0170
7	28	2520-01-362-5698	OE5W9	028300-3690
7	29	3110-01-361-0251	5T151	949120-0240
7	30	5360-01-381-6121	OE5W9	949170-4070
7	31	5930-01-397-7597	OE5W9	153400-0810
7	32	5340-01-395-0133	OE5W9	028062-5150
7	33	5305-01-158-0834	56161	10504005
7	34	5310-01-379-8139	15526	DIN127-B5-A3G
7	35	- - -	8C367	053505-0290
7	36	- - -	8C367	028099-3200
7	37	- - -	8C367	028099-5650
7	38	- - -	8C367	053660-7170
8	1	4720-01-362-1702	75755	RE45421
8	2	4730-01-200-0798	75755	AR26708
8	3	4730-01-199-1439	75755	R39503
8	4	5305-01-118-4271	75160	19H2284
8	5	5310-01-118-2362	75160	12H304
8	6	4730-00-908-3195	81343	SAEJ1508-06
8	7	4710-01-362-1981	75755	RE19265
8	8	5330-01-348-6933	79150	I-2990M
8	9	4720-01-269-8761	75755	R120013
8	10	4730-01-199-1439	75755	R39503
8	11	5310-01-081-4688	21585	38105-7
8	12	5305-00-847-1159	96906	MS35307-365
8	13	5310-01-118-2356	75160	24H1305
8	14	2950-01-383-4078	75160	RE40414
8	15	5330-01-321-9742	75755	R89879
8	16	4730-01-360-9198	75755	T11180
9	1	- - -	75160	19H3737
9	2	- - -	75160	24M7106
9	3	- - -	75160	19H3746
9	4	5305-01-336-8887	75755	19H3411
9	5	- - -	75160	19H3738
9	6	2815-01-194-2142	75755	R52819
9	7	5330-01-292-2440	75160	R90658
10	1	4730-01-408-1575	75160	R110531

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FIG.	ITEM	STOCK NUMBER	FSCM	PART NUMBER
10	2	4720-01-195-3850	75755	R56551
10	3	5305-01-409-0186	75160	19H3239
10	4	5310-01-118-2362	75160	12H304
10	5	2990-01-360-8001	75160	R80152
10	6	5330-01-307-9424	75160	R81275
11	1	5305-01-118-4111	75160	AR76704
11	2	5340-01-197-0927	75160	R55129
11	3	5340-01-197-0609	75160	R55128
11	4	4730-01-336-5494	75755	RE32361
11	5	- - -	75160	T60811-1
11	6	4710-01-231-2660	75755	R73602
11	7	4710-01-232-2304	75755	R73603
11	8	4720-01-337-4474	75755	R99802
11	9	2940-00-007-4791	73370	PH20
11	10	4730-01-194-1661	75755	T31306
11	11	2930-01-337-7418	75755	RE31929
11	12	5330-01-337-4746	75755	R105714
11	13	- - -	75160	RE31929-1
11	14	5365-01-196-2421	75160	R56947
12	1	6680-01-363-0501	75160	RE40547
12	2	5330-01-195-1510	75160	A3917R
12	3	- - -	75160	RI00889
12	4	5310-01-118-2243	75160	14H826
13	1	5340-01-360-4803	75160	RE41740
13	2	5330-01-360-7179	75160	R80135
13	3	- - -	75160	19H3217
13	4	5310-01-118-2363	75160	24H1304
13	5	- - -	75160	19H3743
13	6		75160	RE26917
13	7	5330-01-360-7180	75160	R87259
13	8	5365-01-124-5878	75160	T27657
13	9	5310-01-108-7557	75160	A4827R
13	10	5360-01-105-7443	75160	T27658
13	11	2910-01-333-2238	75755	R83169
14	1	5365-01-196-2420	75160	M1746T
14	2	5310-01-105-5952	75160	T13213
14	3	5365-01-241-4143	75160	R27474
14	4	5330-00-167-5174	81349	M83248/2-910
14	5	5305-01-336-8887	75755	19H3411
14	6	5310-01-118-2362	75160	12H304
14	7	5305-01-336-8887	75755	19H3411
14	8	- - -	75160	R82426
14	9	5330-01-345-2342	75160	R97342
15	1	5306-01-197-3085	75160	R74552

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FIG.	ITEM	STOCK NUMBER	FSCM	PART NUMBER
15	2	5310-01-197-3347	75160	R74553
15	3	5305-01-197-1213	75160	R57059
15	4	5310-01-197-3347	75160	R74553
15	5	- - -	75160	R113752
15	6	- - -	75160	RE54412
15	7	- - -	75160	RE55343
15	8	5330-01-236-1743	75160	R74354
15	9	5330-01-311-5972	75160	R61871
15	10	5310-01-118-2243	75160	14H826
15	11	3020-01-117-9628	75755	T20298
16	1	5340-01-194-0212	75160	R56588
16	2	4710-01-410-8038	75755	RE36689
16	3	- - -	75160	RE48710
16	4	- - -	75160	U45538
16	5	4730-01-333-1948	75755	R82131
16	6	- - -	75160	M49487
16	7	5305-00-068-0510	80204	B1821BH038C100N
16	7	5305-01-118-4271	75160	19H2284
16	8	5310-01-329-1131	75755	24M7239
16	9	4330-01-384-0890	84760	29586
16	10	5325-01-385-3367	84760	28691
16	11	5330-01-385-3420	84760	28693
16	12	- - -	84760	10402
16	13	5310-01-406-3756	84760	28849
16	14	5330-01-383-8904	84760	28853
16	15	5330-01-360-7171	84760	28869
16	16	- - -	84760	29552
16	17	4730-01-382-8751	84760	29575
16	18	5365-01-360-1974	78514	29458
16	19	2910-01-359-4971	75755	RE62418
16	20	5330-01-383-8865	84760	29577
16	21	- - -	75160	RE63180
16	22	5305-01-118-7948	75160	19H1849
16	23	5310-01-333-2754	75755	T27860
16	24	2910-01-337-7377	75755	RE27667
16	25	5330-01-333-2151	75755	R97350
16	26	2910-01-359-4971	75755	RE62418
16	27	- - -	75160	RE51649
16	28	- - -	75160	RE50572
17	1	5340-01-235-3309	75160	RE19797
17	2	5340-01-383-8775	75160	RE19799
17	3	4710-01-362-1167	75755	RE43284
17	4	4710-01-362-1168	75755	RE43285
17	5	4710-01-362-1169	75755	RE43286

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FIG.	ITEM	STOCKNUMBER	FSCM	PARTNUMBER
17	6	4710-01-362-1980	75755	RE43287
17	7	5320-01-118-8766	75160	16H658
17	8	4730-01-120-3316	75755	R51937
17	9	5365-01-124-0188	75160	R51936
17	10	4730-01-119-6897	75755	R66090
17	11	- - -	75160	AR89852
17	12	4730-01-123-8617	75755	R35352
17	13	- - -	75160	RE56322
17	14	5330-00-097-5071	75160	R26286
17	15	5310-01-232-6582	75160	14H785
17	16	5310-01-118-2364	75160	12H303
17	17	5310-01-333-2754	75755	T27860
17	18	5307-01-232-2033	75160	T23442
17	19	3020-01-231-8668	75755	R76964
18	1	2910-01-359-6543	84760	04806
18	2	- - -	78514	21251
18	3	5330-01-232-2145	84760	27607
18	4	5305-00-846-0129	96906	MS35265-68
18	5	5310-01-213-9964	84760	11582
18	6	5310-01-333-2757	OBND4	13521
18	7	5340-01-339-8962	84760	21898
18	8	5330-01-234-2615	84760	27244
18	9	2910-00-066-2499	84760	14966
18	10	5305-00-978-9368	96906	MS16997-30
18	11	- - -	78514	12998
18	12	5310-01-333-6331	OBND4	12049
18	13	- - -	84760	12985
18	14	5305-00-891-8979	84760	12972
18	15	5310-00-935-1243	84760	12174
18	16	2910-00-456-1349	84760	16247
18	17	5305-01-101-9433	84760	15668
18	18	5340-00-786-1550	84760	13010
18	19	5360-00-751-8916	84760	1323
18	20	2910-01-117-3048	84760	16392
18	21	2910-00-127-5075	84760	16136
18	22	- - -	78514	16135
18	23	5305-01-232-1269	84760	12167
18	24	2910-00-127-5073	OBND4	12019
18	25	5305-00-786-4033	84760	12169
18	26	5310-01-363-9103	OBND4	14408
18	27	5330-01-333-6358	OBND4	17438
18	28	- - -	78514	16587
18	29	2910-00-788-0989	84760	12221
18	30	5310-01-334-9989	OBND4	12362

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FIG.	ITEM	STOCKNUMBER	FSCM	PARTNUMBER
18	31	5305-00-250-5613	84760	12360
18	32	3040-01-196-3934	75755	R48516
18	33	3040-01-230-9081	84760	20225
18	34	5360-00-335-9327	84760	11919
18	35	5315-00-786-3998	78514	13554
18	36	- - -	78514	20240
18	37	- - -	78514	13558
18	38	5306-00-819-3038	84760	11331
18	39	- - -	78514	22238
18	40	5330-01-236-0472	84760	27602
18	41	- - -	78514	23056
18	42	- - -	78514	27610
18	43	- - -	78514	15438
18	44	- - -	78514	22655
18	45	4310-00-932-4787	OBND4	18967
18	46	5330-01-399-2161	60764	639064
18	47	- - -	78514	22658
18	48	- - -	78514	12622
18	49	5330-01-399-2159	60764	639059
18	50	- - -	78514	27907
18	51	- - -	78514	18959
18	52	- - -	78514	14940
18	53	- - -	78514	18967
18	54	- - -	78514	14941
18	55	5305-00-125-6171	84760	14544
18	56	5310-01-334-7213	OBND4	13807
18	57	- - -	78514	16572
18	58	- - -	78514	20219
18	59	3040-00-148-6552	84760	20224
18	60	5330-01-423-4043	84760	31332
18	61	5310-01-334-0439	OBND4	12288
18	62	- - -	78514	20475
18	63	- - -	78514	22248
18	63	- - -	78514	11563
18	64	5365-01-333-6357	OBND4	26427
18	65	5360-01-055-4398	84760	20359
18	66	5310-01-363-9120	OBND4	27606
18	67	- - -	78514	12966
18	68	- - -	78514	20243
18	69	3040-01-364-2259	38788	20355
18	70	5340-01-395-8007	84760	27599
18	71	2910-00-200-3294	84760	16568
18	72	- - -	78514	12259
18	73	5305-01-188-0492	84760	21663

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FIG.	ITEM	STOCK NUMBER	FSCM	PART NUMBER
18	73	5305-01-188-0491	84760	21662
18	73	5305-01-188-0494	84760	21665
18	73	5305-01-188-0489	34623	5740572
18	73	5305-01-188-0493	84760	21664
18	73	5305-01-188-0490	84760	21661
18	74	- - -	78514	24419
18	75	- - -	78514	10394
18	76	- - -	78514	23107
18	77	- - -	78514	27603
18	78	5305-01-188-0948	84760	21194
18	79	- - -	78514	27974
18	80	5365-01-393-6791	84760	23382
18	81	- - -	84760	24364
18	82	5310-01-334-0438	OBND4	14760
18	83	- - -	78514	20951
18	84	5310-01-333-6335	OBND4	12519
18	85	5970-01-335-4347	OBND4	12500
18	86	5310-01-118-2248	84760	18493
18	87	5310-01-333-6326	OBND4	18501
18	88	2920-00-897-2459	84760	26387
18	89	- - -	78514	23190
18	90	5305-01-118-4114	84760	22351
18	91	- - -	78514	27639
18	92	- - -	78514	26346
18	93	- - -	78514	32787
18	94	- - -	78514	23367
18	95	- - -	78514	10453
18	96	- - -	78514	30387
18	97	4320-01-333-8335	OBND4	20525
18	98	4730-01-334-0695	OBND4	26617
18	99	- - -	78514	15228
18	100	- - -	78514	19855
18	101	4820-01-189-0894	84760	19895
18	102	4810-01-363-8062	84760	28987
18	103	5330-01-236-0473	84760	19844
18	104	5315-01-333-5110	OBND4	19837
18	105	5360-00-900-2564	84760	15699
18	106	- - -	78514	20803
18	107	4320-01-333-8217	OBND4	20528
18	108	3040-01-333-6058	OBND4	22988
18	109	- - -	78514	20530
18	110	5330-01-236-0475	84760	27245
18	110	- - -	84760	27608
18	111	- - -	78514	14483



SECTION IV

CROSS REFERENCE INDEXES  
 FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	FSCM	PARTNUMBER
18	112	- - -	78514	20214
18	113	- - -	78514	20222
18	114	- - -	78514	12285
18	115	- - -	78514	28681
18	116	- - -	78514	21687
18	117	- - -	78514	11175
18	118	- - -	78514	27139
18	119	3120-01-333-3840	OBND4	11141
18	120	- - -	78514	24569
18	121	5330-01-236-0475	84760	27245
18	122	- - -	78514	16441
18	123	- - -	78514	16440
18	124	- - -	78514	32100
18	125	- - -	78514	11098
18	125	- - -	78514	11100
18	125	- - -	78514	11089
18	125	- - -	78514	11099
18	125	- - -	78514	11090
18	125	- - -	78514	11087
18	125	- - -	78514	11088
18	125	- - -	78514	11086
18	125	- - -	78514	11097
18	126	5305-00-887-1547	84760	11438
18	127	5305-00-887-1564	84760	12216
18	128	4730-01-183-2140	84760	20727
18	129	5330-01-236-0476	84760	27601
18	130	5305-01-191-0374	84760	29710
18	131	- - -	78514	29384
18	132	- - -	78514	13822
18	132	- - -	78514	13821
18	133	- - -	78514	13837
18	134	- - -	78514	10443
18	135	- - -	78514	24691
18	136	- - -	78514	21521
18	137	- - -	78514	21618
18	138	- - -	78514	22985
18	139	- - -	78514	30789
18	140	- - -	78514	30788
19	1	5306-01-333-5484	75755	R101201
19	2	2910-01-333-2309	75755	RE38087
19	3	4730-01-325-0444	75755	R79606
19	4	5365-01-118-4113	75160	R79605
19	5	4730-01-232-2136	75160	R79604
19	6	5310-01-228-0471	75160	R48000

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

SECTION IV

CROSS REFERENCE INDEXES  
 FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	FSCM	PARTNUMBER
19	7	5330-01-333-2698	75755	R92352
19	8	- - -	75160	RE38087-1
20	1	- - -	75160	AR103811
20	2	2815-01-192-4588	75755	AT18015
20	3	5330-01-197-0905	75160	R73521
20	4	5330-01-268-0913	75160	R56463
21	1	5305-01-371-6114	75160	19H3031
21	2	5310-01-119-4371	75160	R42729
21	3	5340-01-131-0078	75160	R54565
21	4	5310-01-134-3292	75160	T20316
21	5	5360-01-119-1609	75160	T20314
21	6	2815-01-333-1562	75755	RE31973
21	7	2815-01-117-2827	75755	T20315
21	8	2815-01-333-0256	75755	R82896
21	9	- - -	75160	DD12120
22	1	5305-01-329-6988	75755	R85363
22	2	2815-01-408-6978	75160	RE48616
22	3	4820-01-333-0164	75755	R85687
22	3	2815-01-360-7946	75755	R93910
22	4	2815-01-333-0730	75755	R98063
22	4	2815-01-360-6265	75755	R98335
22	5	5340-01-121-2028	75160	A3910R
22	6	5340-01-329-7186	75755	R43409
22	7	4730-01-336-6962	75755	RI04592
22	8	- - -	75160	RE48616-1
22	9	- - -	75160	R125863
22	10	2815-01-335-3545	75755	R91889
22	11	2805-01-333-0751	75755	RE31323
22	12	5360-00-009-9260	75160	R26125
22	13	2815-01-333-1457	75755	R90692
22	13	4820-01-360-6158	75755	R97492
22	13	2805-01-361-8179	75755	R97493
22	14	2815-01-335-4414	75755	R98062
22	14	4820-01-361-2178	75755	R97490
22	14	4820-01-360-6313	75755	R97491
22	15	5330-01-360-9021	75160	RE31617
23	1	5305-01-118-4275	75160	19H2993
23	2	5310-01-218-8296	75160	T23891
23	3	2815-01-333-2308	75755	RE23941
23	4	3020-01-280-4316	75160	R28811
23	5	5305-01-360-9299	75160	19H3219
23	6	5305-01-408-5448	75160	19H2599
23	7	- - -	75160	R120586
23	8	5330-01-333-4469	75755	R97351

SECTION IV

CROSS REFERENCE INDEXES  
 FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCKNUMBER	FSCM	PARTNUMBER
23	9	5330-01-307-9409	75160	RE44574
23	10	5340-01-324-6673	75755	AR61533
23	11	5330-00-100-6869	75160	R27149
23	12	5305-01-254-9068	75160	19H2351
23	13	4730-00-289-5176	OE9NO	A300X4
23	14	4730-00-766-9019	00624	3-02727
24	1	5305-01-330-2200	75755	R84978
24	2	5310-01-330-2169	75755	R109086
24	3	- - -	75160	R85390
24	4	5315-01-408-2151	75160	26H90
25	1	- - -	75160	19H3408
25	2	5305-01-198-4651	75160	19H3385
25	3	- - -	75160	24M7106
25	4	- - -	75160	19H3733
25	5	4710-01-415-4992	75755	R124277
25	6	- - -	75160	R126041
25	7	- - -	75755	R125066
25	8	5310-01-081-4688	21585	38105-7
25	9	- - -	75160	R122226
25	10	2815-01-384-6281	75160	RE39252
25	11	- - -	75160	R121314
25	12	5330-01-020-9234	80201	545162
26	1	2815-01-361-5954	75755	RE36190
27	1	- - -	75160	19H2676
27	2	2815-01-117-1908	75755	T20072
27	3	3020-01-117-7629	75755	T20070
27	4	5315-01-123-1569	75160	T28041
27	5	2815-01-231-6711	75755	R82820
27	6	2815-01-116-9147	75755	T20073
27	7	3040-01-337-4299	75755	R81514
27	8	5305-00-721-5492	80204	B1821BH038CO63N
27	9	5310-01-118-2362	75160	12H304
27	10	5365-01-199-2299	75160	T20193
27	11	3020-01-194-0295	75755	T20130
27	12	3020-01-192-8392	75755	T20133
27	13	3040-01-194-1696	75755	AR61351
27	14	3040-01-194-1697	75755	AR61352
28	1	5306-01-119-3145	75160	T26327
28	2	3120-01-119-9000	75160	T26326
28	3	3020-01-117-7630	75755	AR91660
28	4	3120-01-121-1780	75160	T20034T
28	5	5310-01-118-2250	75160	T26324
28	6	5315-01-330-7795	75755	R109863
28	7	5315-01-119-3116	75160	34H283

ARMY TM 9-2815-255-24P  
 AIR FORCE TO 38G1-95-4  
 MARINE CORPS TM 2815-24P/2

SECTION IV

CROSS REFERENCE INDEXES  
 FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	FSCM	PART NUMBER
28	8	5310-01-355-9568	75160	E-69392
28	9	5305-01-411-9088	75160	19H3183
28	10	5310-01-329-6683	75755	R100105
28	11	3020-01-117-9630	75755	AT24252
28	12	3120-01-120-8213	75160	T26321
28	13	5315-01-119-3117	75160	34H286
29	1	5305-01-118-9575	75160	T20166
29	2	5310-01-118-7940	75160	12H324
29	3	3040-01-364-4608	75755	RE16149
29	4	5330-01-329-7056	75755	R90648
29	5	5305-01-363-8416	75160	AT21191
29	6	5305-01-119-9323	75160	AT22919
30	1	3120-01-119-8983	75160	AT21108
30	1	3120-01-119-8985	75160	AT21114
30	1	3120-01-119-8984	75160	AT21112
30	1	3120-01-139-4835	75160	AT21110
30	1	3120-00-198-8902	75160	AT21140
30	2	3120-00-202-0837	75160	AT21139
30	2	3120-01-119-8981	75160	AT21136
30	2	3120-01-119-8980	75160	AT21134
30	2	3120-01-119-8979	75160	AT21132
30	2	3120-01-119-8978	75160	AT21130
30	3	2815-01-408-6976	75160	RE36605
30	4	3020-01-117-9631	75755	T20094
30	5	5315-01-197-9245	75160	26H72
30	6	5315-01-120-3392	75160	R48685
30	7	3120-01-330-8379	75755	R81989
30	8	5330-01-331-6251	75755	H35244
30	9	2815-01-117-0791	75755	T20046
31	1	2815-01-364-4613	75755	RE42733
31	2	5306-01-236-0449	75160	R80033
31	3	3120-01-219-3602	75160	R57451
31	4	2815-01-364-4613	75755	RE42733
31	5	3120-01-338-3930	75755	AR76131
31	5	- - -	75160	R62072
31	5	3120-01-315-8780	75160	AR71080
31	5	3120-01-361-1479	75160	AR76129
31	5	3120-01-361-1480	75160	AR76130
31	6	5365-01-097-8875	75160	R54114
31	7	2815-01-097-3401	75755	R124230
31	8	2815-01-333-2287	75755	RE33115
31	9	2815-01-273-0318	75160	RE48818
31	10	2815-01-333-2384	79975	39147-B
31	11	3040-01-408-3193	75755	R116281

SECTION IV

CROSS REFERENCE INDEXES  
 FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCKNUMBER	FSCM	PART NUMBER
31	12	5330-01-101-0440	75160	AR65507
31	13	- - -	75160	CD15466
31	13	- - -	75160	R65833
32	1	2815-01-361-3960	75160	RE29787
32	2	5305-01-119-1059	75160	T23474
32	3	5310-01-119-3672	75160	T20168
32	4	3130-01-232-0393	75160	R79089
32	5	3130-01-198-7985	75160	R65215
32	6	5365-01-219-3110	75160	R39741
32	7	5330-01-257-9152	06021	U13639
32	8	- - -	75160	RE29787-1
32	9	5315-01-120-3392	75160	R48685
32	10	- - -	75160	15H666
32	11	- - -	75160	R12226
32	12	4730-01-336-6962	75755	R104592
32	13	2815-01-116-9023	75755	T18891
32	14	3120-01-106-2405	75160	R26493
32	15	5315-01-197-0815	75160	R26650
32	16	5330-01-307-9411	75160	R75892
32	17	4730-00-187-4202	81348	WW-P-471AASBCC
32	18	4730-01-117-5682	75755	T23435
32	19	4730-01-117-5354	75755	R54802
32	20	3120-01-198-6480	75160	R57160
32	21	5360-01-197-0860	75160	R46625
32	22	4820-01-231-9772	75755	R73139
33	1	5120-01-393-1254	45225	JDG676
33	2	5120-01-393-3890	45225	JD247
33	3	5120-01-393-3638	45225	JD248A
33	4	5120-01-393-3636	45225	JD249
33	5	5120-01-394-5256	45225	JD252
33	6	5120-01-388-0957	75160	JD286
33	7	5120-01-393-9501	45225	JDG670
33	8	4910-01-395-4245	05083	67-3303
33	9	4910-01-395-4246	9T239	21900
33	10	4910-01-395-4247	05083	67-5116
33	11	5120-01-393-3889	75160	20401
33	12	6620-01-382-7334	75160	JT01682
33	13	5120-01-391-2093	45225	JDG536
33	14	4910-01-394-6187	75755	JT01679
33	15	4910-01-395-3445	2T258	JT02017
33	16	5120-01-393-3892	75160	JDG675
33	17	5120-01-385-2799	45225	JDH7
33	18	5315-01-321-6068	75160	JDE-81-4
BULK		4720-01-261-5368	75755	T60811



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The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" <whomever@avma27.army.mil>  
To: mpmt%avma28@st-louis-emh7.army.mil

Subject: DA Form 2028

1. **From:** Joe Smith
2. **Unit:** home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** MO
6. **Zip:** 77777
7. **Date Sent:** 19-OCT-93
8. **Pub no:** 55-2840-229-23
9. **Pub Title:** TM
10. **Publication Date:** 04-JUL-85
11. **Change Number:** 7
12. **Submitter Rank:** MSG
13. **Submitter FName:** Joe
14. **Submitter MName:** T
15. **Submitter LName:** Smith
16. **Submitter Phone:** 123-123-1234
17. **Problem:** 1
18. **Page:** 2
19. **Paragraph:** 3
20. **Line:** 4
21. **NSN:** 5
22. **Reference:** 6
23. **Figure:** 7
24. **Table:** 8
25. **Item:** 9
26. **Total:** 123
27. **Text:**

This is the text for the problem below line 27.



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 PFC John DOE  
 CO 4 3rd Engineer Bn  
 Ft. Leonardwood, MO 63108

**DATE SENT**  
 22 August 1992

**PUBLICATION NUMBER**  
 TM 1-1520-250-10

**PUBLICATION DATE**  
 15 June 1992

**PUBLICATION TITLE**  
 Operator's manual MH60K Helicopter

BE EXACT PIN-POINT WHERE IT IS				IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO	
6	2-1 a			<p>In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has <u>4</u> cylinders. Change the manual to show 4 cylinders.</p> <p>Callout 16 in figure 4-3 is pointed to <u>bolt</u>. In key to figure 4-3, item 16 is called a <u>shim</u>. Please correct one or the other</p>
B1		4-3		

**PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER**  
 JOHN DOE, PFC (268) 317-7111

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 JOHN DOE *John Doe*

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TEAR ALONG PERFORATED LINE

# The Metric System and Equivalents

## Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

## Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigram = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

## Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

## Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

## Temperature (Exact)

°F	Fahrenheit	5/9 (after	Celsius	°C
	temperature	subtracting 32)	temperature	

