

ARMY  
AIR FORCE  
MARINE CORPS

\*TM 9-2805-259-24P  
TO 38G2-89-54  
SL-4-03524C

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TECHNICAL MANUAL

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

ENGINE, GASOLINE, 20 HP  
MILITARY STANDARD MODELS

(MODEL 4A084-2, NSN 2805-00-952-3926)

(MODEL 4A084-3, NSN 2805-00-872-5972)

(MODEL 4A084-4, NSN 2805-01-276-5947)

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\*This manual supersedes TM 5-2805-259-24P, dated 9 January 1969, including all changes

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15 JANUARY 1993



CHANGE

HEADQUARTERS DEPARTMENTS OF  
THE ARMY AND AIR FORCE,  
AND HEADQUARTERS, U.S. MARINE CORPS  
WASHINGTON, D.C., 30 May 1997

NO. 2

Unit, Direct Support, and General Support  
Maintenance Repair Parts and Special Tools List

**ENGINE, GASOLINE, 20 HP,  
MILITARY STANDARD MODELS  
(MODEL 4A084-2, NSN 2805-00-952-3926)  
(MODEL 4A084-3, NSN 2805-00-872-5972)  
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1-1 through 1-4  
1-17 and 1-18

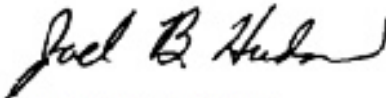
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ARMY TM 9-2805-259-24P  
AIR FORCE TO 38G2-89-54  
MARINE CORPS SL-4-03524C  
C2

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Official:



**JOEL B. HUDSON**  
*Administrative Assistant to the*  
*Secretary of the Army*  
03485

**RONALD R. FOGELMAN**  
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WASHINGTON, D.C., 30 AUGUST 1996

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**AIR FORCE TO 38G2-89-54**  
**MARINE CORPS SL-4-03524C**  
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**JOEL B. HUDSON**  
*Administrative Assistant to the*  
*Secretary of the Army*  
02210

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*Commander, Air Force Materiel Command*

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TECHNICAL MANUAL 9-2805-259-24P  
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MARINE CORPS SL-4-03524C

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### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

For Air Force, submit AFTO Form, 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, TO. 00-5-1. Forward direct to Commander, San Antonio Air Logistic Center, ATTN: SA-ALC-MMDDA, Kelly Air Force Base. Texas 78241-5000.

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\*This manual supersedes TM 5-2805-259-24P/TO 38G2-89-54/SL-4-03524C, dated 9 January 1969 and all changes.

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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 Engine, Gasoline, 20 HP, Military Standard Models. 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 this section, 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. This list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items are shown in the associated illustration(s)/figure(s).

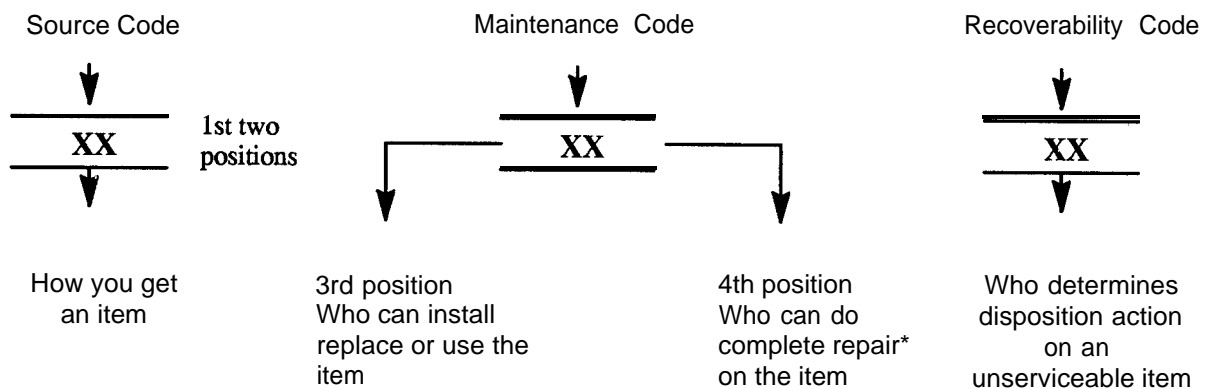
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. Cross-references Indexes. 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. The figure and item number index lists figure and item number in alphanumeric sequence and cross references NSN, CAGEC and part number.

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:



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**TO 38G2-89-54**  
**SL-4-03524C**

\*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:

<b>Code</b>	<b>Explanation</b>
PA PB PC**	} Stocked items; use the applicable NSN to requested/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.
PD PE PF PG	
	} NOTE: Items coded PC are subject to deterioration.
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.

- |  |   |   |
|--|---|---|
| MO - (Made at org/AVUM Level)  | } | Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION and USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in 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. |
| MP - (Made at DS/AVUM Level)   |   |   |
| MH - (Made at GS Level)  |   |   |
| ML - (Made at Specialized Repair Activity (SRA))   |   |   |
| MD - (Made at Depot)   |   |   |
| AO - (Assembled by org/AVUM Level)   | } | Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position code of the SMR code authorizes you to replace the item, but the source code indicates the items are assembled at a higher level, order the item from the higher level of maintenance.   |
| AF - (Assembled by DS/AVIM Level)  |   |   |
| AH - (Assembled by GS Category)  |   |   |
| AL - (Assembled by SRA)  |   |   |
| AD - (Assembled by Depot)  |   |   |
| XA - Do not requisition "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 CAGEC and part number given.  |   |   |
| XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by Reciprocating Compressor manufacturer's part number. |   |   |
| XD - Item is not stocked. Order an "XD"-coded item through normal supply channels using the CAGEC and part number given if no NSN is available.          |   |   |

**NOTE**

Cannibalization or controlled exchange, when authorized, maybe 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 750-1.

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

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

<b>Code</b>	<b>Application/Explanation</b>
C -	Crew or operator maintenance done with unit or aviation unit maintenance.
O -	Unit 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.
D -	Depot level can remove, replace, and use the item.

(b) The maintenance code entered in the fourth 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.

<b>Code</b>	<b>Application/Explanation</b>
O -	Unit 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 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 -	Nonreparable. 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) Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

**Recoverability  
Codes**

**Application/Explanation**

- Z - Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
- O - Repairable item. When not economically repairable, condemn and dispose of the item unit 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.

c. CAGEC (Column (3)). The Commercial and Government Entity Code (CAGEC) 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 an 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) The physical security classification of the item is indicated by the parenthetical entry, e.g., PhySec C1 - Confidential, PhySec C1 (S) - Secret, PhySec C1 (T) - Top Secret.
- (3) Items that are included in kits and sets are listed below the name of the kit or set.
- (4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.
- (5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.
- (6) 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).
- (7) The usable on code, when applicable (see paragraph 5, Special Information).

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

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

(10) The indenture, shown as dots appearing before the repair part, indicates that the item is a repair part of the next higher assembly.

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 indicates that the quantity is variable and 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
<hr style="width: 100%; border: 0.5px solid black;"/>
5305-01-574-1467
<hr style="width: 100%; border: 0.5px solid black;"/>
NIIN

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

(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 the numbers 0 through 9 and each following letter or digit in like order).

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

(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 CAGEC columns to the left.

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

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

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c. **FIGURE AND ITEM NUMBER INDEX.**

(1) **FIG.** column. This column list the number of the figure where the item is identified/located in Section II and III.

(2) **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.

(3) **STOCK NUMBER** column. This column lists the NSN for the item.

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

(5) **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.

5. **SPECIAL INFORMATION.**

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

<u>Code</u>	<u>Used On</u>
A	Model 4A084-2
B	Model 4A084-3
C	Model 4A084-4

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 entry for the item to be manufactured/fabricated. Detailed fabrication instructions for the items source codes to be manufactured or fabricated are found in TM 9-2805-259-14.

c. **ASSEMBLY INSTRUCTIONS.** Detailed assembly instructions for items source coded to be assembled from component spare/repair parts are found in TM 9-2805-259-14. Items that makeup the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

d. **KITS.** Line item entrues for repair parts kits appear in a group in Section II (see table of contents)

e. **INDEX NUMBERS.** Items which have the work BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in Section II.

f. **ASSOCIATED PUBLICATIONS.** The publications listed below pertains to the Engine, Gasoline, 20 HP Military Standard Models and its components.

<u>Publication</u>	<u>Short Title</u>
TM 9-2805-259-14	Engine, Gasoline, 20 HP, Military Standard Models
LO 9-2805-259-12	Lubrication Order

**NOTE**

**Associated publications shall not be listed here in combined narrative and RPSTL listings**



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SECTION II

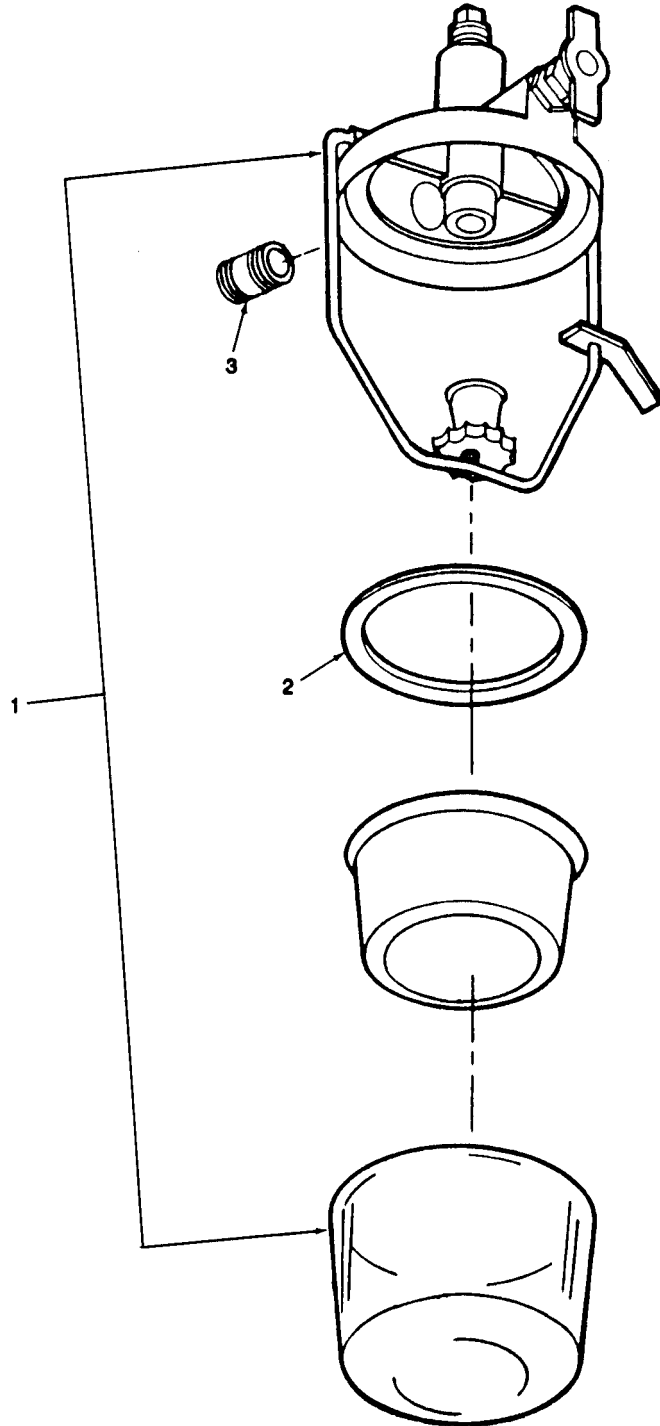


Figure 1. Fuel Filter Assembly



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	ARMY	AIR FORCE	NAVY	USMC d.					
							GROUP 01 FUEL FILTER ASSEMBLY		
							FIG.1 FUEL FILTER ASSEMBLY		
1	PAOZZ	PAOZZ		PAOZZ	96906	MS51086-1	STRAINER, SEDIMENT	1	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS51091-4	GASKET, FUEL FILTER	1	
3	PAOZZ	PAOZZ		PAOZZ	88044	AN911-1	NIPPLE, PIPE FUEL PUMP TO FUEL FILTER	1	
							END OF FIGURE		

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SECTION II

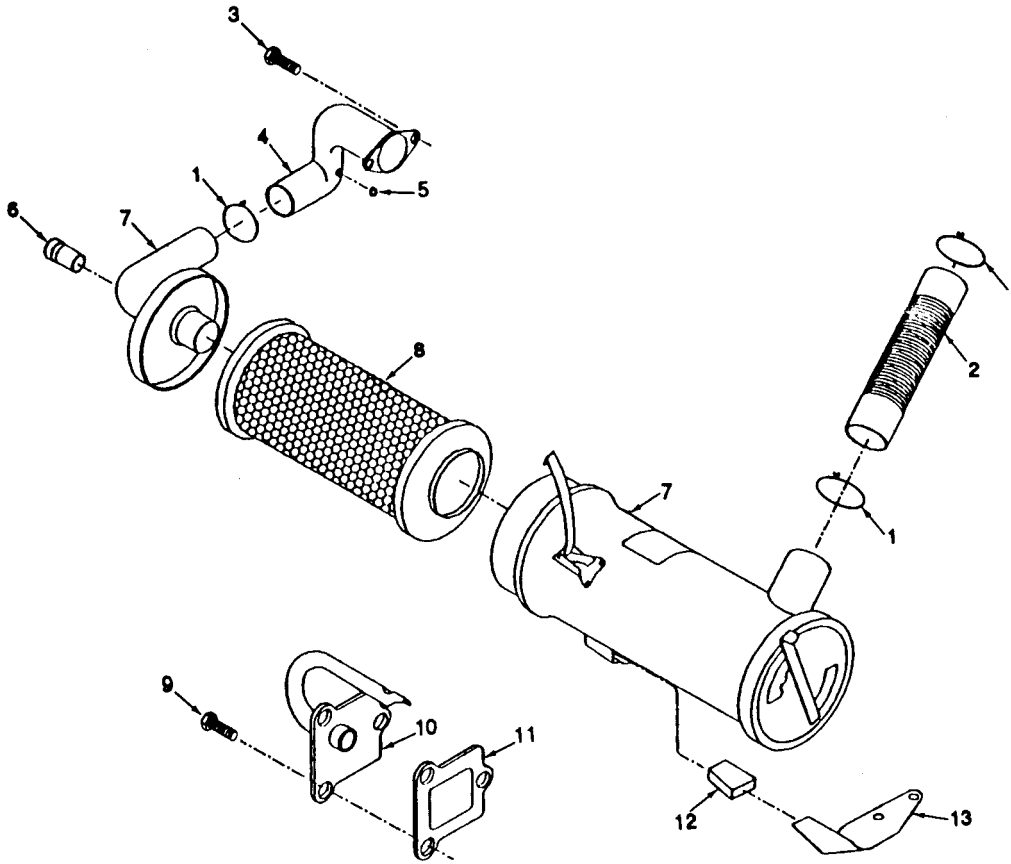


Figure 2. Air Cleaner Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
GROUP 02 AIR CLEANER ASSEMBLY									
FIG.2 AIR CLEANER ASSEMBLY									
1	PAOZZ	PAOZZ		PAOZZ	96906	MS35842-13	CLAMP,HOSE AIR INLET ADAPTER	3	
2	PAOZZ	PAOZZ		PAOZZ	97403	13206E1254	HOSE,AIR DUCT	1	
3	PAOZZ	PAOZZ		PAOZZ	19207	425825	BOLT,ASSEMBLED WASHER:AIR		
4	PAOZZ	PAOZZ		PAOZZ	97403	13206E1194	INLET ADAPTER TO CARBURETOR	2	
5	PAOZZ	PAOZZ		PAOZZ	81349	MS39326-8	ADAPTER,AIR INLET	1	
6	PAOZZ	PAOZZ		PAOZZ	97403	13206E0820	CLAMP,SPRING:LOW PRESSURE		
7	PAOZZ	PAOZZ		PAOZZ	97403	13206E1250	BREATHER PORT	1	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E1253	INDICATOR,PRESSURE	1	
9	PAOZZ	PAOZZ		PAOZZ	21450	425828	AIR CLEANER,INTAKE	1	
10	PAOZZ	PAOZZ		PAOZZ	97403	13229E9195	FILTER ELEMENT,INTAKE	1	
11	KFOZZ	KFOZZ		KFOZZ	97403	13206E0607	SCREW,ASSEMBLED:AIR		
12	PAOZZ	PAOZZ		PAOZZ	97403	13206E0731	BREATHER COVER TO GEAR	3	
13	PAOZZ	PAOZZ		PAOZZ	97403	13206E0712	COVER	1	
							COVER,AIR BREATHER	1	
							GASKET,AIR BREATHER COVER	1	
							(PART OF KITS,P/N 13214E8195)		
							AND 13226E6169)	1	
							CAP,SUPPORT BRACKET	1	
							BRACKET,INTAKE AIR	1	

END OF FIGURE

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SECTION II

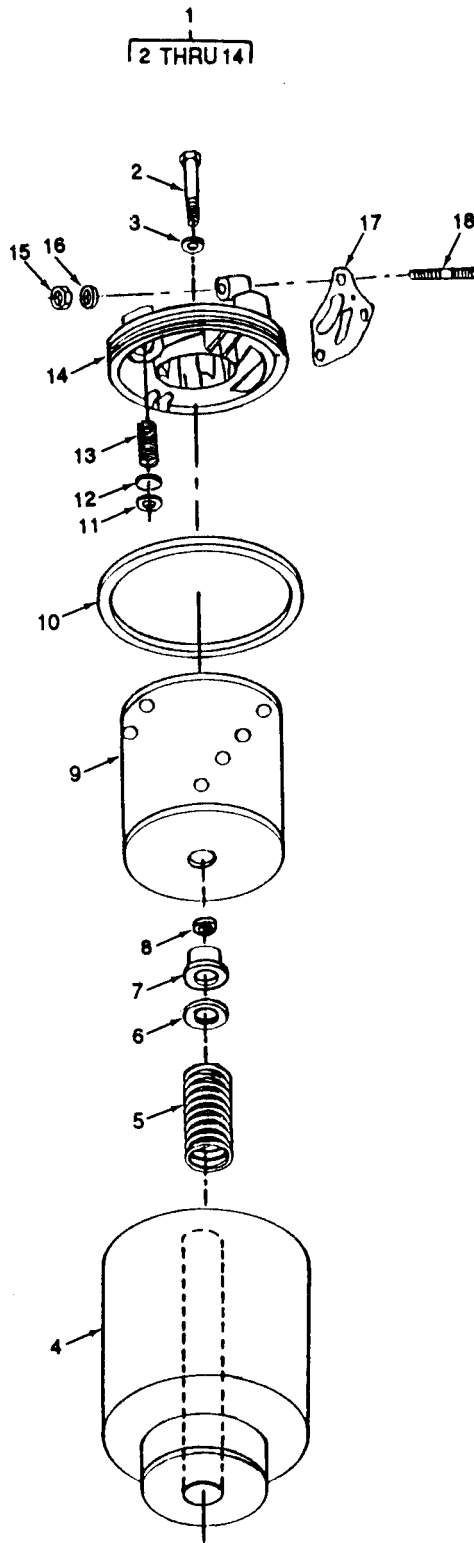


Figure 3. Oil Filter Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 03 OIL FILTER ASSEMBLY		
							FIG.3 OIL FILTER ASSEMBLY		
1	XBOZZ	XBOZZ		XBOZZ	97403	13206E0160	OIL FILTER ASSEMBLY UOC:A,B	1	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS90728-41	BOLT,MACHINE:OIL FILTER COVER TO BODY UOC:A,B	1	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS35769-4	GASKET,OIL FILTER COVER BOLT (PART OF KITS,P/N 13214E8195 AND 13215E4168) UOC:A,B	1	
4	KFOZZ	KFOZZ		KFOZZ	97403	13215E4167	FILTER BODY (PART OF KIT,P/N 13215E4168) UOC:A,B	1	
5	XBOZZ	XBOZZ		XBOZZ	97403	13206E0165	SPRING,HELICAL,COMP (PART OF KIT, P/N 13215E4168) UOC:A,B	1	
6	XBOZZ	XBOZZ		XBOZZ	97403	13206E0166	WASHER,FLAT:OIL FILTER SPRING TO CENTERING SEAL UOC:A,B	1	
7	KFOZZ	KFOZZ		KFOZZ	97403	13206E0167	PACKING,PREFORMED:OIL FILTER CENTERING (PART OF KIT,P/N 13215E4168) UOC:A,B	1	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E0168	RING,RETAINING (PART OF KIT,P/N 13215E4168) UOC:A,B	1	
9	PAOZZ	PAOZZ		PAOZZ	96906	MS35802-1	FILTER ELEMENT,FLUID WITH GASKET UOC:A,B	1	
10	XAOZZ	XAOZZ		XAOZZ	96906	MS35802	GASKET:OIL FILTER COVER UOC:A,B	1	
11	PAOZZ	PAOZZ		PAOZZ	97403	13206E0174	RETAINER,BYPASS VALVE UOC:A,B	1	
12	PAOZZ	PAOZZ		PAOZZ	97403	13206E0173	BYPASS VALVE UOC:A,B	1	
13	XBOZZ	XBOZZ		XBOZZ	97403	13206E0172	SPRING,BYPASS VALVE UOC:A,B	1	
14	XBOZZ	XBOZZ		XBOZZ	97403	13206E0171	COVER,OIL FILTER UOC:A,B	1	
15	PAOZZ	PAOZZ		PAOZZ	96906	MS20500-428	NUT,SELF-LOCKING:OIL FILTER MTG UOC:A,B	3	
16	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-10	WASHER,FLAT:OIL FILTER MTG	3	
17	PAOZZ	PAOZZ		PAOZZ	97403	13206E0177	GASKET:OIL FILTER MTG (PART OF KIT,P/N 13214E8195)	1	
18	PAOZZ	PAOZZ		PAOZZ	96906	MS17300-111	STUD,PLAIN	3	

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				USMC CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	ARMY	AIR FORCE	NAVY	d.					
	XDOZZ	XDOZZ		XDOZZ	97403	13215E4168	KIT,OIL FILTER UOC:A,B GASKET (1) 3-3 SHELL (1) 3-4 SPRING (1) 3-5 SEAL (1) 3-7 RETAINER (1) 3-8	V	
END OF FIGURE									



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SECTION II

1  
2 THRU 5

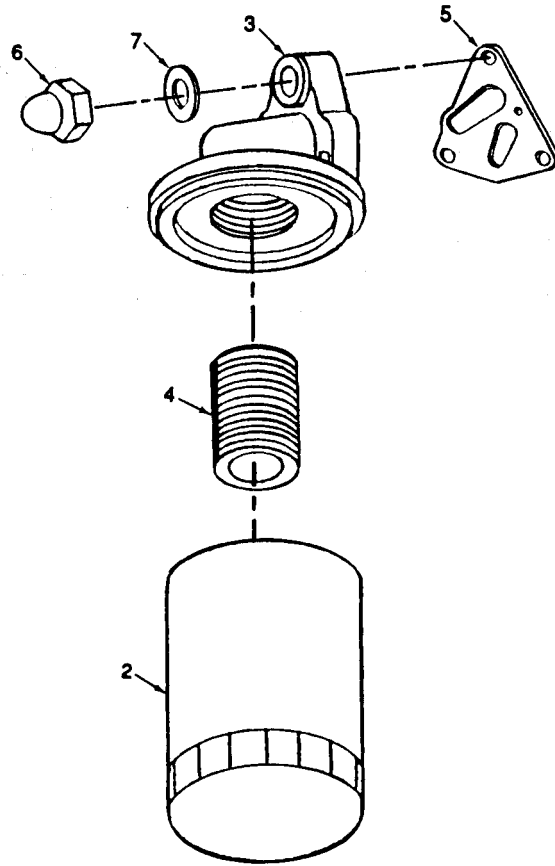


Figure 4. Oil Filter Assembly



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 03 OIL FILTER ASSEMBLY		
							FIG.4 OIL FILTER ASSEMBLY		
1	AOZZ	AOZZ		AOZZ	97403	13226E6190	OIL FILTER ASSEMBLY,SPIN ON	1	
2	PAZZ	PAZZ		PAZZ	97403	13226E6189	FILTER,OIL:SPIN-ON	1	
3	PAZZ	PAZZ		PAZZ	97403	13226E6191	COVER,OIL FILTER ASSY	1	
4	PAZZ	PAZZ		PAZZ	97403	13226E6193	NIPPLE,TUBE	1	
5	PAZZ	PAZZ		PAZZ	97403	13206E0177	GASKET:OIL FILTER MTG (PART OF KIT,P/N 13214E8195)	1	
6	PAZZ	PAZZ		PAZZ	96906	MS21045C4	NUT,SELF-LOCKING,OIL FILTER MTG	3	
7	PAZZ	PAZZ		PAZZ	96906	MS27183-10	WASHER,FLAT:OIL FILTER MTG	3	
							END OF FIGURE		

SECTION II

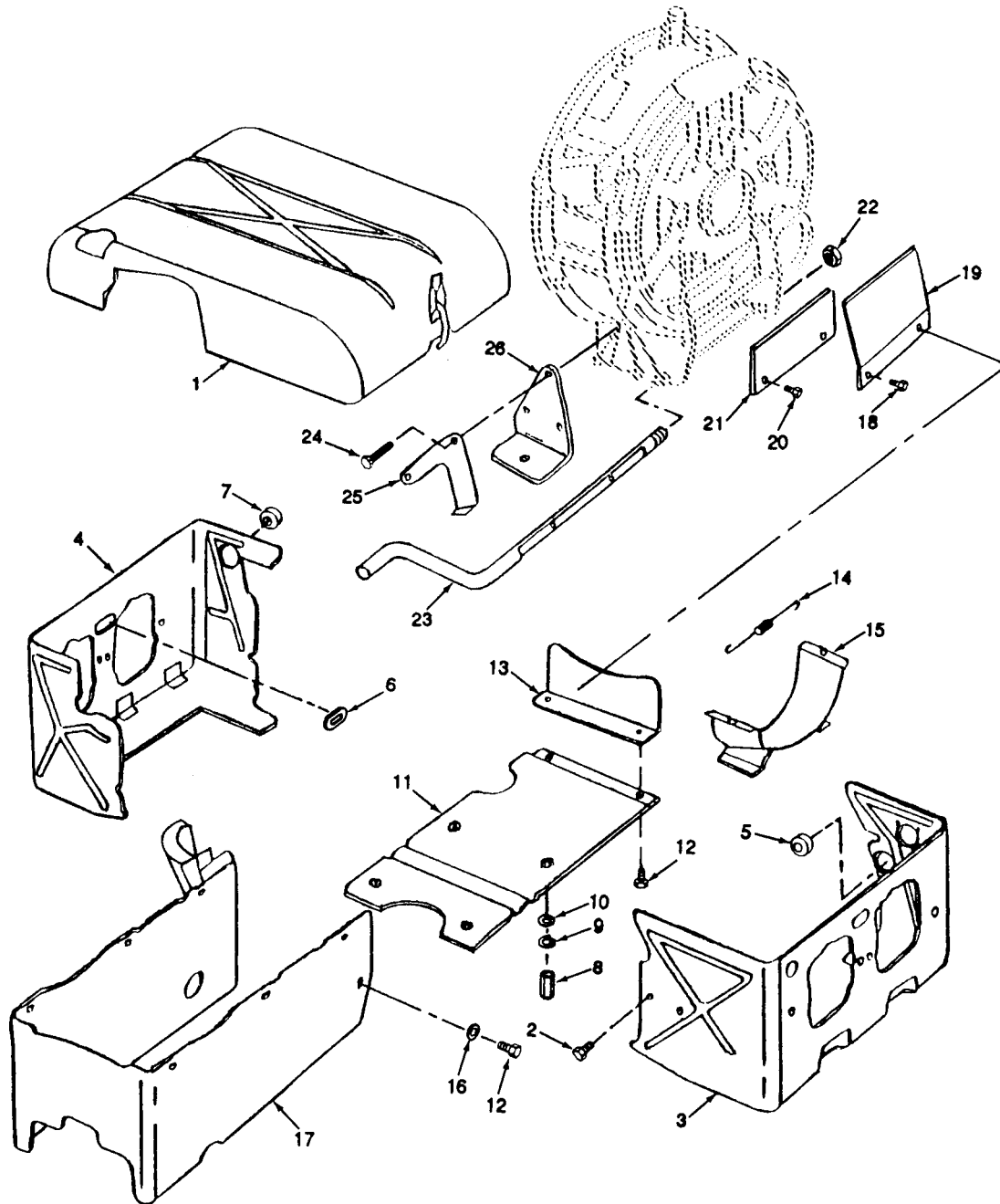


Figure 5. Cooling System Components

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
GROUP 04 COOLING SYSTEM									
FIG.5 COOLING SYSTEM COMPONENTS									
1	PAOZZ	PAOZZ		PAOZZ	97403	13215E3822	SHROUD ASSEMBLY,UPPER	1	
2	PAOZZ	PAOZZ		PAOZZ	97403	13218E0504-67	SCREW,ASSEMBLED:SHROUD MTG	10	
3	PAOZZ	PAOZZ		PAOZZ	97403	13206E1330	SHROUD ASSEMBLY:ENGINE CYLINDER,NO.2 AND 4 SIDE	1	
4	PAOZZ	PAOZZ		PAOZZ	97403	13215E3821	SHROUD ASSEMBLY:ENGINE CYLINDER,NO.1 AND 3 SIDE	1	
5	PAOZZ	PAOZZ		PAOZZ	97403	MS35489-20	GROMMET,NONMETALLIC:FUEL INLET HOSE	1	
6	PAOZZ	PAOZZ		PAOZZ	97403	13206E0941	(PART OF KIT,P/N 13214E8195) GROMMET,NONMETALLIC:SPARK PLUG CABLE	4	
7	PAOZZ	PAOZZ		PAOZZ	96906	13213E3304	(PART OF KIT,P/N 13214E8195) GROMMET,NONMETALLIC: REGULATOR CABLE	1	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E1356	POST,ELECTRICAL-MEC:OIL PAN SHROUD MTG	4	
9	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-44	WASHER,LOCK:OIL PAN COVER MTG	4	
10	PAOZZ	PAOZZ		PAOZZ	88044	AN960-416L	WASHER,FLAT:OIL PAN COVER MTG	4	
11	XBOZZ	XBOZZ		XBOZZ	97403	13206E1355	COVER:OIL PAN SHROUD	1	
12	PAOZZ	PAOZZ		PAOZZ	97403	13218E0500-53	SCREW,ASSEMBLED:OIL PAN SHROUD MTG	10	
13	PAOZZ	PAOZZ		PAOZZ	97403	13206E0719	BAFFLE,FAN HOUSING	1	
14	PAOZZ	PAOZZ		PAOZZ	97403	13206E0848	SPRING,HELICAL:BAFFLE MTG	4	
15	PAOZZ	PAOZZ		PAOZZ	97403	13206E0845	BAFFLE,CYLINDER ASSEMBLY	4	
16	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-42	WASHER,FLAT	10	
17	PAOZZ	PAOZZ		PAOZZ	97403	13206E1350	SHROUD:OIL PAN	1	
18	PAOZZ	PAOZZ		PAOZZ	19207	228323	SCREW,ASSEMBLED:OIL PAN SHIELD MTG	2	
19	PAOZZ	PAOZZ		PAOZZ	97403	13206E0898	SHIELD,OIL PAN	1	
20	PAOZZ	PAOZZ		PAOZZ	97403	13218E0504-13	SCREW ASSEMBLY:AIR CONTROL BAFFLE TO CONTROL ROD	2	
21	XBOZZ	XBOZZ		XBOZZ	97403	13206E1364	BAFFLE,OIL PAN AIR CONTROL	1	
22	PAOZZ	PAOZZ		PAOZZ	96906	MS16624-3031	RING,RETAINING:CONTROL ROD TO FAN HOUSING LOCKING	1	
23	PAOZZ	PAOZZ		PAOZZ	97403	13206E1365	ROD,BAFFLE CONTROL	1	
24	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-33	BOLT,MACHINE:REAR ENGINE MTG	4	
25	PAOZZ	PAOZZ		PAOZZ	97403	13206E1363	RETAINER:CONTROL ROD POSITIONING	1	
26	PAOZZ	PAOZZ		PAOZZ	97403	13206E0982	ENGINE MOUNT,REAR	1	

END OF FIGURE

SECTION II

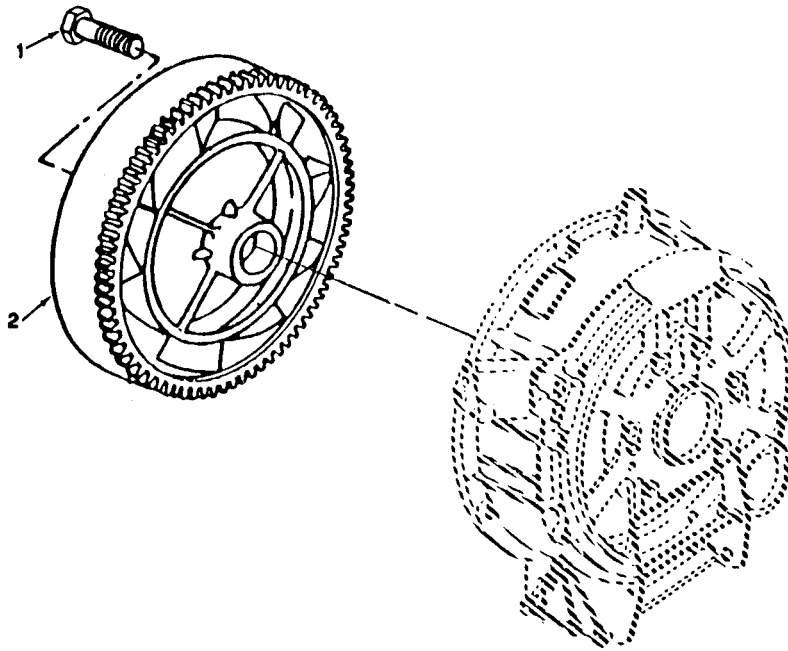


Figure 6. Flywheel

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 05 FLYWHEEL		
							FIG.6 FLYWHEEL		
1	PAFZZ	PAFZZ		PAFZZ	97403	13213E3266	BOLT,MACHINE	1	
2	PAFZZ	PAFZZ		PAFZZ	97403	13206E0990	FLYWHEEL,ENGINE	1	
							END OF FIGURE		

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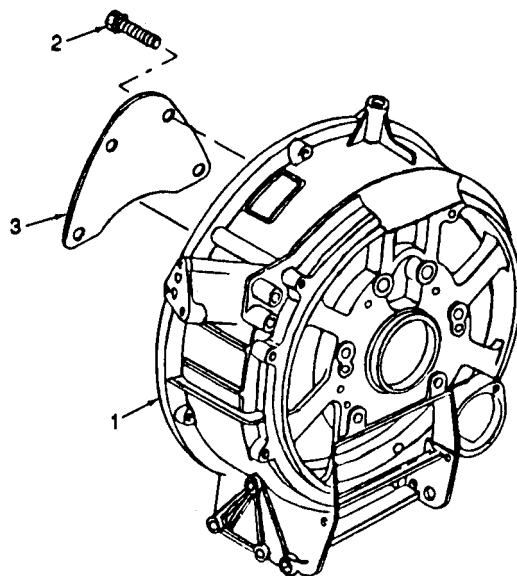


Figure 7. Fan Housing

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				USMC CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 06 FAN HOUSING		
							FIG.7 FAN HOUSING		
1	PAFZZ	PAFZZ		PAFZZ	97403	13206E0541	HOUSING,FAN	1	
2	PAFZZ	PAFZZ		PAFZZ	19207	424218	SCREW,ASSEMBLED:FAN HOUSING		
							MTG	6	
3	PAFZZ	PAFZZ		PAFZZ	97403	13206E0581	PLATE,FAN HOUSING	1	
							END OF FIGURE		

SECTION II

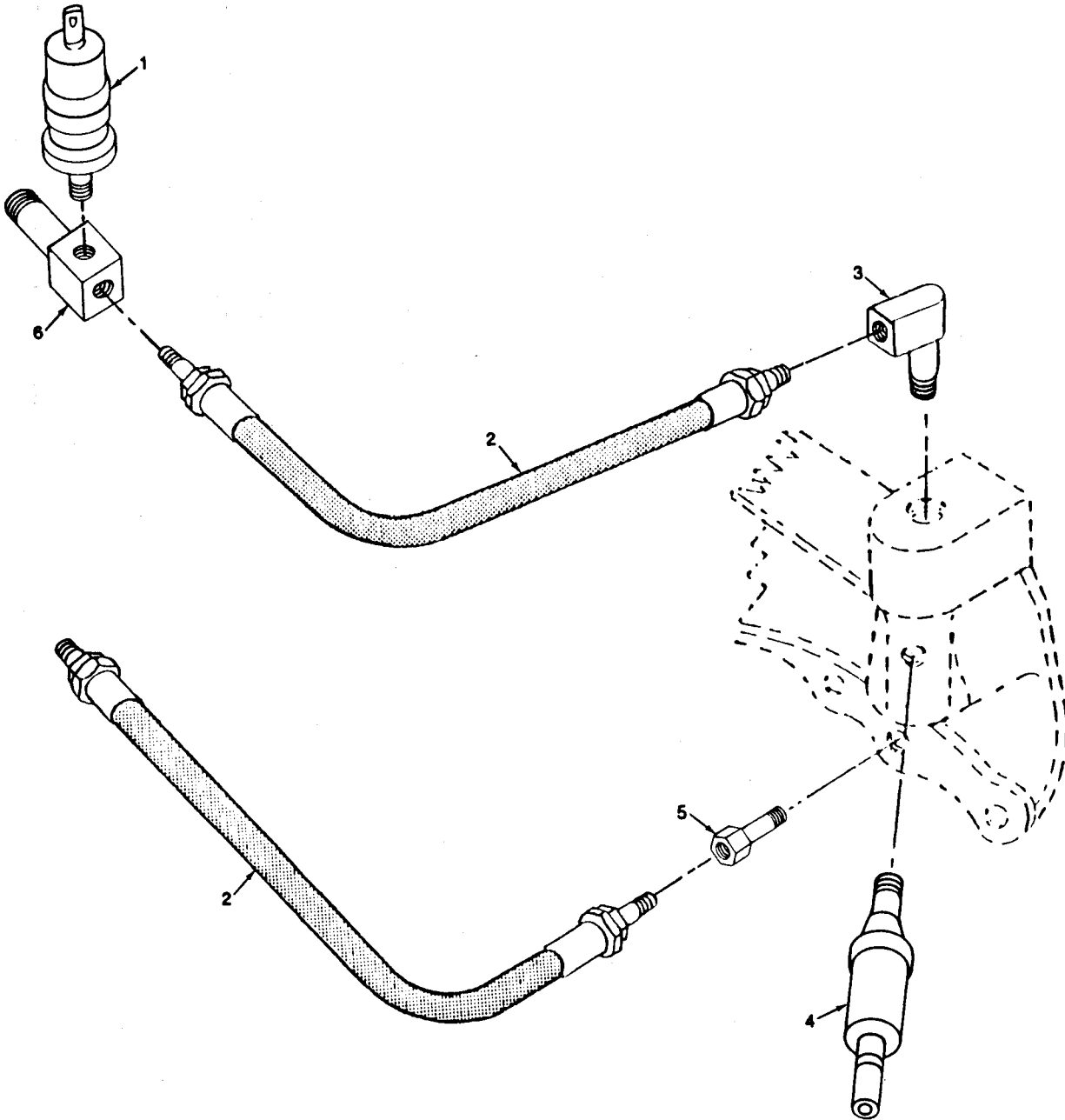


Figure 8. Oil Manifold and Sending Units (Modified)



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 07 LUBRICATION SYSTEM		
							FIG.8 OIL MANIFOLD AND SENDING UNITS(MODIFIED)		
1	PAOZZ	PAOZZ		PAOZZ	97403	13206E1181	SWITCH,OIL PRESSURE	1	
2	PAOZZ	PAOZZ		PAOZZ	97403	13206E0770-2	HOSE ASSEMBLY,NONMETALLIC:OIL FILTER INLET AND OUTLET		
3	PAOZZ	PAOZZ		PAOZZ	97403	13213E3296	ELBOW,PIPE TO TUBE:HOSE TO MANIFOLD	2	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS24538-1	TRANSMITTER,OIL PRESSURE		
5	PAOZZ	PAOZZ		PAOZZ	79470	234X5	ADAPTER,STRAIGHT:INLET TUBE	1	
6	PAOZZ	PAOZZ		PAOZZ	97403	13215E4158	TEE,CONNECTOR (PART OF KIT,P/N 13215E3825)	1	
							END OF FIGURE	1	
								1	

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SECTION II

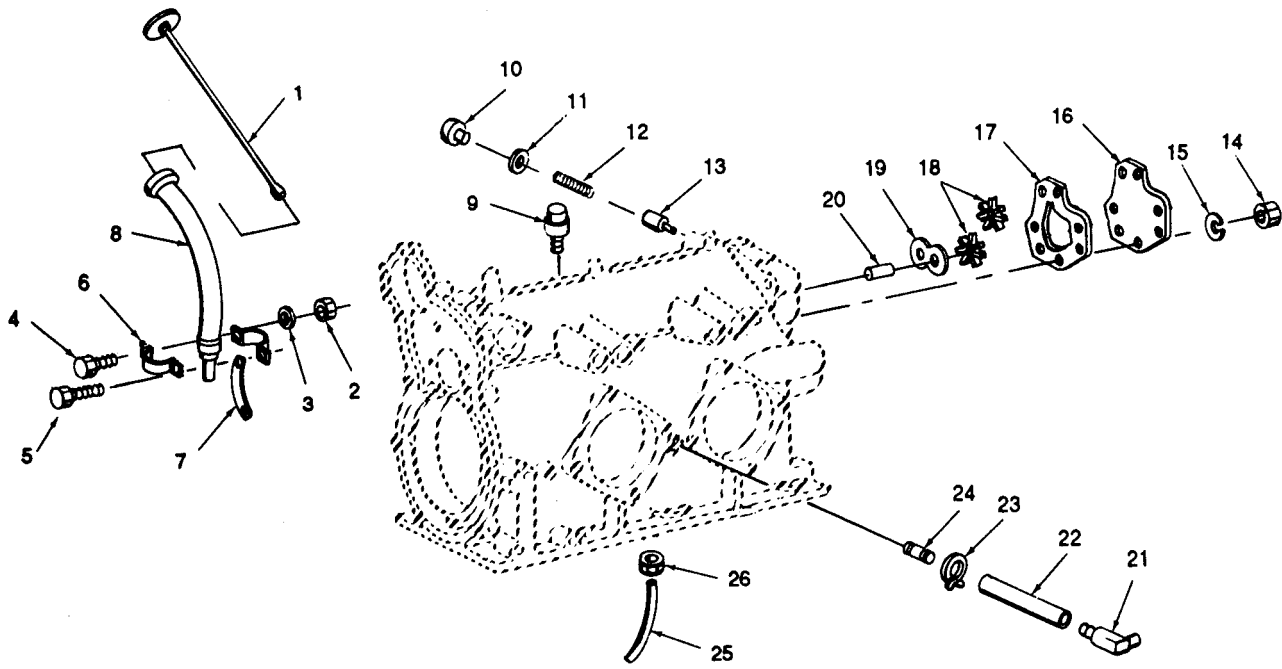


Figure 9. Lubrication System Components

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
GROUP 07 LUBRICATION SYSTEM									
FIG.9 LUBRICATION SYSTEM COMPONENTS									
1	PAOZZ	PAOZZ		PAOZZ	97403	13206E0760	GAGE ROD-CAP, LIQUID	1	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS35649-202	NUT, PLAIN, HEXAGON: OIL FILL TUBE		
3	PAFZZ	PAFZZ		PAFZZ	96906	MS35335-32	MTG	3	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS51849-74	WASHER, LOCK: OIL FILL TUBE MTG	3	
							SCREW, ASSEMBLED: OIL FILL TUBE		
5	PAOZZ	PAOZZ		PAOZZ	96906	MS35206-261	MTG	1	
							SCREW, MACHINE: OIL FILL TUBE		
6	PAOZZ	PAOZZ		PAOZZ	97403	13206E0597	CLAMP THRU BRACKET	1	
7	PAOZZ	PAOZZ		PAOZZ	97403	13206E0596	STRAP, RETAINING	2	
8	PAFZZ	PAFZZ		PAFZZ	97403	13206E0560	BRACKET, FILLER NECK	1	
9	PAOZZ	PAOZZ		PAOZZ	81321	9301373	TUBE ASSEMBLY, OIL	1	
10	PAOZZ	PAOZZ		PAOZZ	97403	13206E0728	BREATHER	1	
11	PAOZZ	PAOZZ		PAOZZ	88044	AN901-5C	PLUG, OIL PRESSURE	1	
							WASHER, FLAT: OIL PRESSURE		
12	XDOZZ	XDOZZ		XDOZZ	97403	13206E0141	REGULATING VALVE	1	
13	PAOZZ	PAOZZ		PAOZZ	97403	13206E0726	SPRING, HELICAL, COMP	1	
14	PAFZZ	PAFZZ		PAFZZ	96906	MS35650-3252	VALVE, OIL PRESSURE	1	
							NUT, PLAIN, HEXAGON: OIL PUMP		
15	PAFZZ	PAFZZ		PAFZZ	96906	MS35338-44	COVER MTG	7	
16	XDFZZ	XDFZZ		XDFZZ	97403	13206E0718	WASHER, LOCK: OIL PUMP COVER MTG	7	
17	KFFZZ	KFFZZ		KFFZZ	97403	13206E0717	COVER, OIL PUMP	1	
							GASKET: OIL PUMP COVER		
18	PAFZZ	PAFZZ		PAFZZ	97403	13206E0716	(PART OF KIT, P/N 13214E8195)		
19	PAFZZ	PAFZZ		PAFZZ	97403	13206E0715	GEAR, SPUR	2	
20	PAFZZ	PAFZZ		PAFZZ	97403	13206E0536	GASKET	1	
21	PAOZZ	PAOZZ		PAOZZ	97403	13206E0665	SHAFT, IDLER GEAR	1	
							ELBOW, CYLINDER HEAD TO		
22	PAOZZ	PAOZZ		PAOZZ	97403	13213E3271	CRANKCASE DRAIN BACK HOSE	4	
							HOSE, NONMETALLIC ROCKER BOX		
23	PAOZZ	PAOZZ		PAOZZ	13160	272846	DRAIN 8 1/4 IN LG	4	
24	PAOZZ	PAOZZ		PAOZZ	97403	13213E3293	CLAMP, HOSE: DRAIN BACK TUBE	4	
							ADAPTER, STRAIGHT: OIL DRAW BACK-		
25	PAFZZ	PAFZZ		PAFZZ	97403	13206E0549	TUBE TO CRANKCASE	4	
26	PAFZZ	PAFZZ		PAFZZ	96906	MS35691-21	TUBE, BENT METALLIC	1	
							NUT, PLAIN, HEXAGON PRESSURE		
							RELIEF DISCHARGE TUBE TO		
							CRANKCASE	1	

END OF FIGURE

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SECTION II

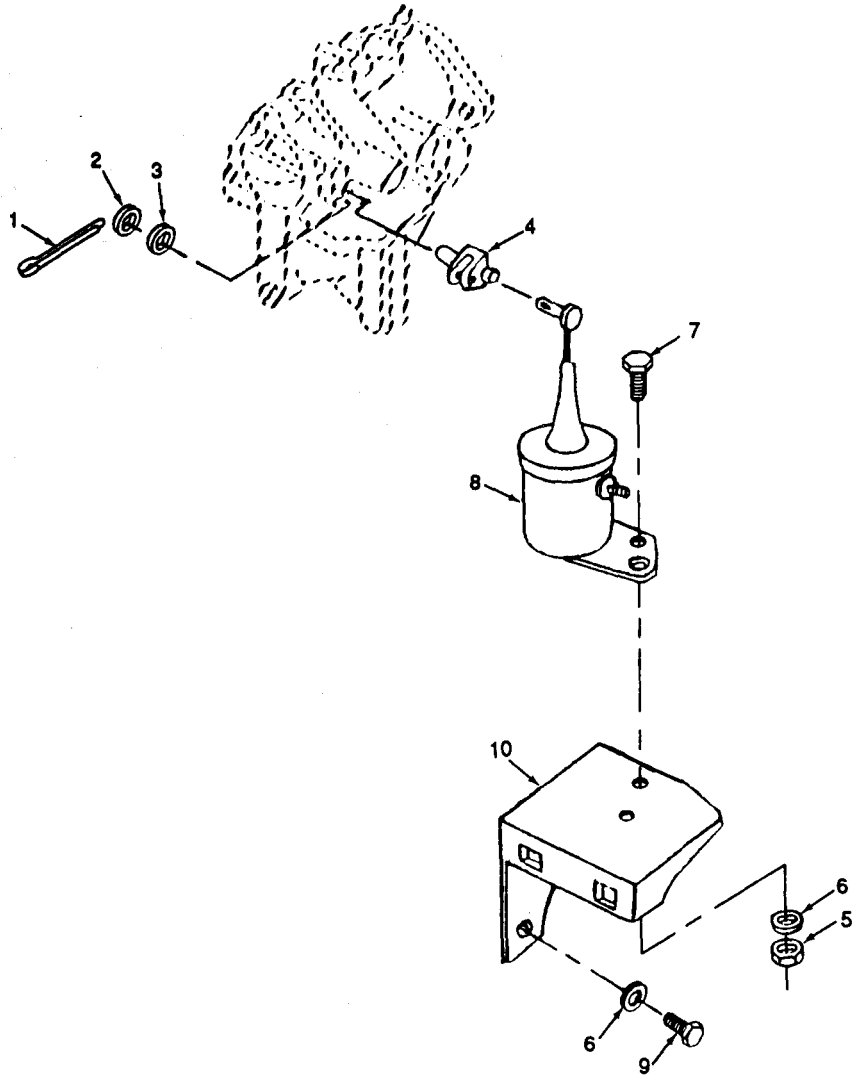


Figure 10. Automatic Choke Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 08 AUTOMATIC CHOKE ASSEMBLY		
							FIG.10 AUTOMATIC CHOKE ASSEMBLY		
1	PAOZZ	PAOZZ		PAOZZ	96906	MS24665-132	PIN,COTTER:AUTOMATIC CHOKE	1	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS15795-908	WASHER,PLAIN:AUTOMATIC CHOKE TO CARBURETOR	2	
3	PAOZZ	PAOZZ		PAOZZ	73287	13213E3281	WASHER,SPRING TENSION:AUTOMATIC CHOKE TO CARBURETOR	1	
4	PAOZZ	PAOZZ		PAOZZ	97403	13206E0732	LEVER ASSEMBLY:AUTOMATIC CHOKE TO CARBURETOR	1	
5	PAOZZ	PAOZZ		PAOZZ	96906	MS35650-302	NUT,SELF-LOCKING:AUTOMATIC CHOKE MTG	3	
6	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-43	WASHER,LOCK:AUTOMATIC CHOKE MTG	4	
7	PAOZZ	PAOZZ		PAOZZ	97403	13218E0504-67	SCREW,ASSEMBLED:AUTOMATIC CHOKE MTG	2	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E0809	CHOKE ASSEMBLY,AUTOMATIC	1	
9	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-33	BOLT,MACHINE:CHOKE BRACKET MTG	1	
10	PAOZZ	PAOZZ		PAOZZ	97403	13206E0687	BRACKET:AUTOMATIC CHOKE MTG	1	

END OF FIGURE

SECTION II

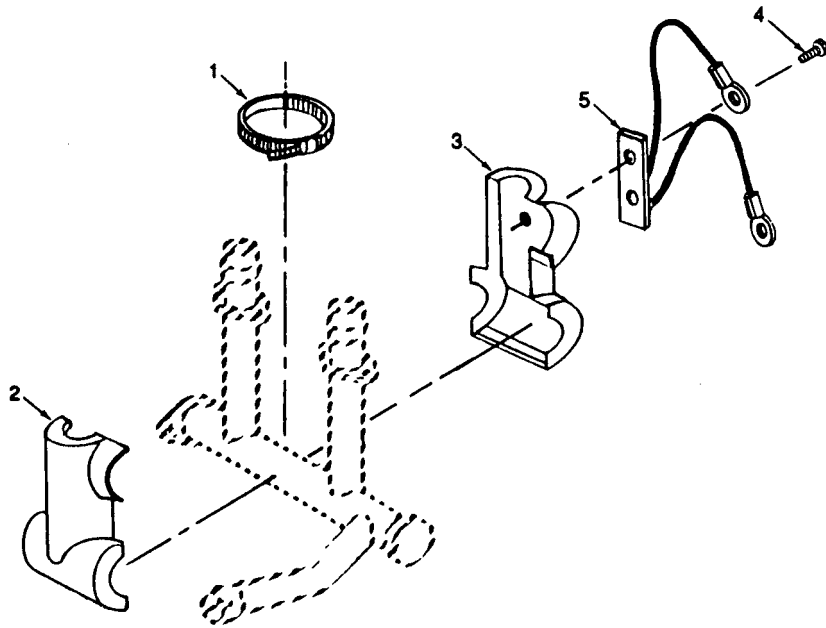


Figure 11. Preheater Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 09 PREHEATER ASSEMBLY		
							FIG.11 PREHEATER ASSEMBLY		
1	PAOZZ	PAOZZ		PAOZZ	96906	MS35842-14	CLAMP,HOSE:AIR PREHEAT SHELLS	1	
2	PAOZZ	PAOZZ		PAOZZ	97403	13206E1357	SHELL,INNER:AIR PREHEAT ASSEMBLY	1	
3	PAOZZ	PAOZZ		PAOZZ	97403	13213E3292	SHELL,OUTER:AIR PREHEAT ASSEMBLY	1	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS20604B4T2	RIVET:THERMOSTATIC SWITCH MTG	2	
5	PAOZZ	PAOZZ		PAOZZ	97403	13213E3290	SWITCH,THERMOSTATIC	1	

END OF FIGURE

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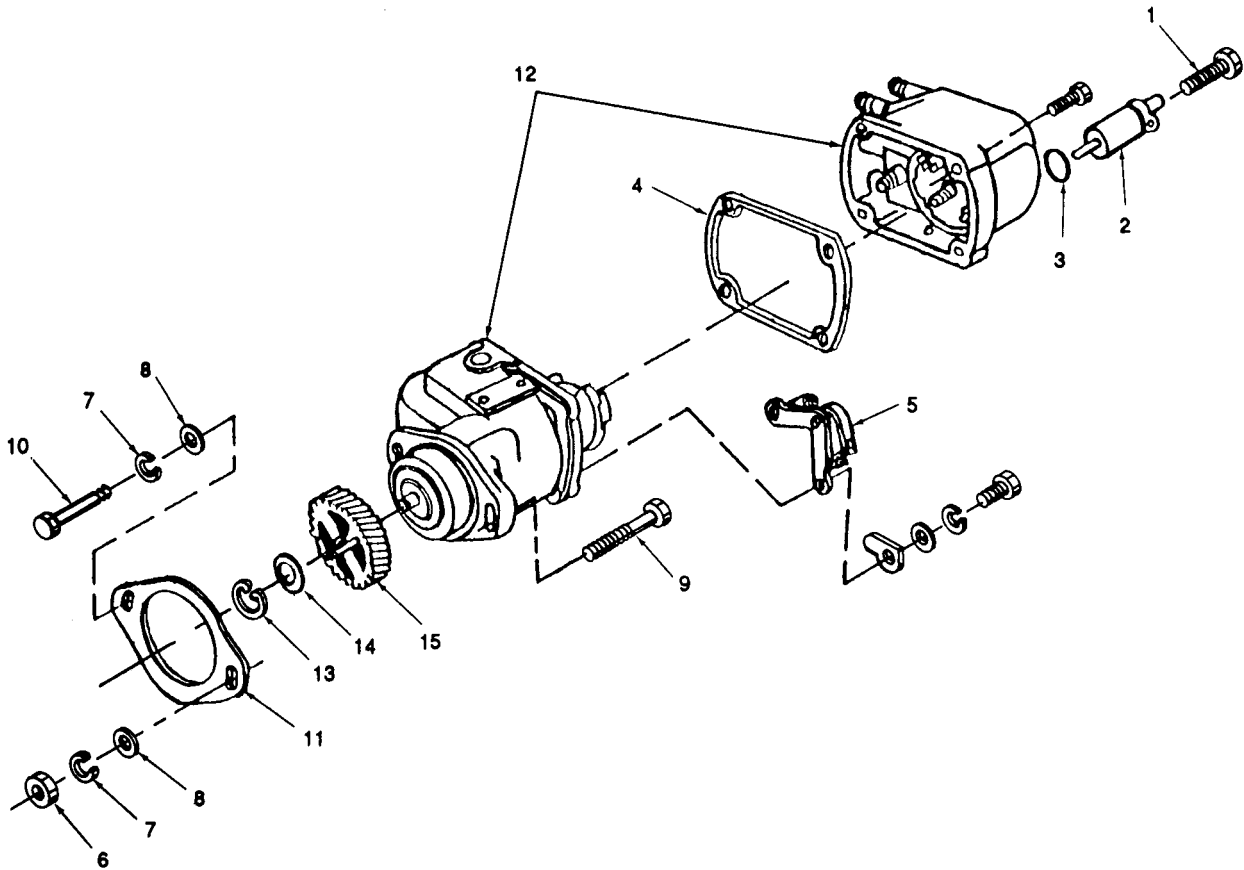


Figure 12. Magneto Assembly



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC			GROUP 10 MAGNETO ASSEMBLY		
							FIG.12 MAGNETO ASSEMBLY		
1	KFOZZ	KFOZZ		KFOZZ	82796	10-001-818	SCREW:CONDENSER MTG (PART OF KIT,P/N 13214E8266)	1	
2	KFOZZ	KFOZZ		KFOZZ	82796	10-014-096	CONDENSER,MAGNETO (PART OF KIT,P/N 13214E8266)	1	
3	KFOZZ	KFOZZ		KFOZZ	82796	10-011-679	O-RING,CONDENSER (PART OF KIT,P/N 13214E8266)	1	
4	KFOZZ	KFOZZ		KFOZZ	82796	10-102-498	GASKET,MAGNETO (PART OF KIT,P/N 13214E8266)	1	
5	KFOZZ	KFOZZ		KFOZZ	82796	10-013-235	CONTACT SET,MAGNETO (PART OF KIT,P/N 13214E8266)	1	
6	PAOZZ	PAOZZ		PAOZZ	96906	MS51967-8	NUT,HEXAGON:MAGNETO MTG	1	
7	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-46	WASHER,LOCK:MAGNETO MTG	2	
8	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-14	WASHER,FLAT:MAGNETO MTG	2	
9	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-69	SCREW,CAP,HEXAGON:MAGNETO MTG	1	
10	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-68	SCREW,CAP,HEXAGON:GEAR COVER THRU CRANKCASE TO MAGNETO	1	
11	PAOZZ	PAOZZ		PAOZZ	97403	13215E4166	GASKET:MAGNETO MTG (PART OF KITS,P/N 13214E8195 AND 13228E2015-1)	1	
12	KFOFF	KFOFF		KFOFF	97403	13215E1717	MAGNETO ASSEMBLY (INCLUDES COMPONENTS OF KIT, P/N 13214E82660 AND IS PART OF KIT, P/N 13228E2015-1)	1	
13	PAOZZ	PAOZZ		PAOZZ	96906	MS16624-1062	RING,RETAINING:MAGNETO GEAR TO MAGNETO RETAINING	1	
14	PAOZZ	PAOZZ		PAOZZ	97403	13206E0902	WASHER,FLAT:MAGNETO GEAR TO RETAINING RING	1	
15	PAOZZ	PAOZZ		PAOZZ	97403	13206E0900	GEAR ASSEMBLY,MAGNETO	1	
	PAOZZ	PAOZZ		PAOZZ	97403	13214E8266	KIT,MAGNETO REPAIR(USED ON FAIRBANKS MORSE)	V	
							SCREW (2) 12-1 CONDENSER (1) 12-2 O-RING (1) 12-3 GASKET (1) 12-4 CONTACT SET (1) 12-5		

END OF FIGURE

TM 9-2805-259-24P  
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SECTION II

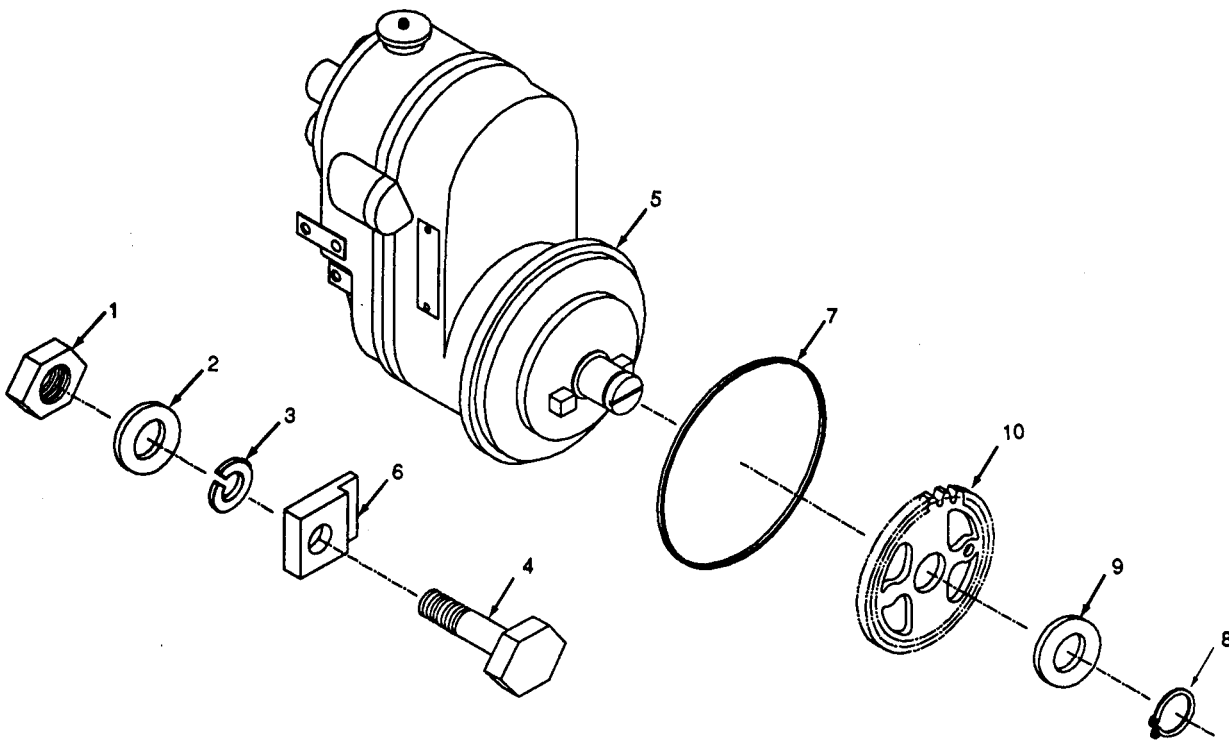


Figure 13. Magneto Assembly (Slick Aircraft)

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
GROUP 10 MAGNETO ASSEMBLY									
FIG. 13 MAGNETO ASSEMBLY (SLICK AIRCRAFT)									
1	PAOZZ	PAOZZ		PAOZZ	96906	MS35649-2312	NUT, HEXAGON: MAGNETO MTG	2	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-13	WASHER, FLAT: MAGNETO MTG	2	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-46	WASHER, LOCK: MAGNETO MTG	2	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS51849-74	SCREW, MACHINE: GEAR COVER THRU CRANKCASE TO MAGNETO	2	
5	KFOFF	KFOFF		KFOFF	97403	13228E2016	MAGNETO ASSEMBLY: SLICK AIRCRAFT (PART OF KIT, P/N 13228E2015-2)	1	
6	PAOZZ	PAOZZ		PAOZZ	97403	13227E9892	CLAMP: MAGNETO MTG	2	
7	PAOZZ	PAOZZ		PAOZZ	F2697	2-041-N674-70	O-RING: MAGNETO MTG	1	
8	PAOZZ	PAOZZ		PAOZZ	96906	MS16624-1062	RING, RETAINING: MAGNETO GEAR TO MAGNETO RETAINING	1	
9	PAOZZ	PAOZZ		PAOZZ	97403	13206E0902	WASHER, FLAT: MAGNETO GEAR TO RETAINING RING	1	
10	PAOZZ	PAOZZ		PAOZZ	97403	13206E0900	GEAR ASSEMBLY, MAGNETO	1	

END OF FIGURE

SECTION II

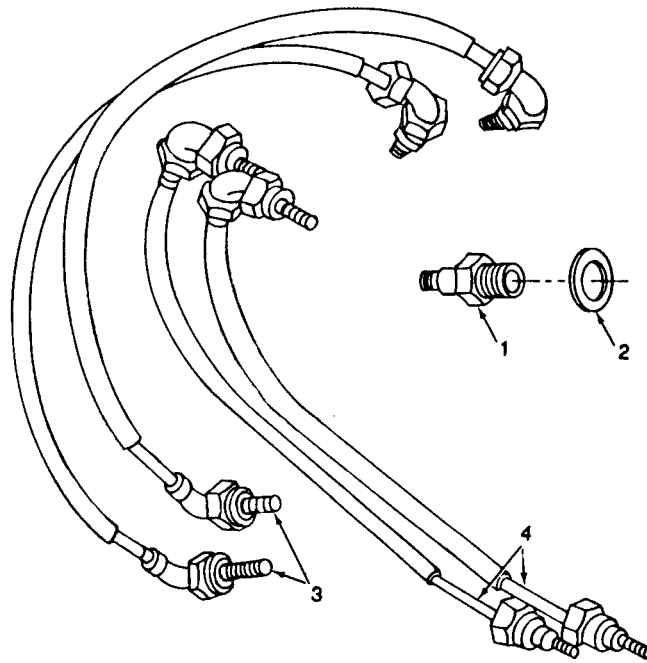


Figure 14. High Tension Cables and Spark Plugs

**TM 9-2805-259-24P  
TO 38G2-89-54  
SL4-05324C**

**SECTION II**

(1) ITEM NO.	(2) SMR CODE				(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE	(6) QTY	(7) USMC AND EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
1	PAOZZ	PAOZZ		PAOZZ	96906	MS510093	GROUP 11 HIGH TENSION CABLES		
2	XAOZZ	XAOZZ		XAOZZ	96906	MS35910-1	GROUP 12 SPARK PLUGS		
3	PAOZZ	PAOZZ		PAOZZ	97403	13227E9891-1	FIG 14. HIGH TENSION CABLES AND SPARK PLUGS		
							SPARK PLUG, SHIELD .....	4	
							WASHER, FLAT SPARK PLUG .....	4	
							CABLE ASSEMBLY, HIGH TENSION: NO.1 AND 3 CYLINDERS .....	2	
							(PART OF KITS, P/N 13228E20151 AND 13228E2015-2)		
4	PAOZZ	PAOZZ		PAOZZ	97403	13227E9891-2	CABLE ASSEMBLY, HIGH TENSION: .....	2	
							NO.2 AND 4 CYLINDERS (PART OF KITS, P/N 13228E2015-1 AND 13228E201 5-2)		
	PAOFF	PAOFF		PAOFF	97403	13228E2015-1	PARTS KIT, IGNITION MAGNETO .....	V	
							MAGNETO (1) 12-12		
							CABLE ASSY (2) 14-3		
							CABLE ASSY (2) 14-4		
							GASKET (1) 12-11		
	PAOFF	PAOFF		PAOFF	97403	13228E2015-2	PARTS KIT, IGNITION MAGNETO .....	V	
							MAGNETO (1) 12-12		
							CABLE ASSY (2) 14-3		
							CABLE ASSY (2) 14-4		
							DELETED		
							END OF FIGURE		

SECTION II

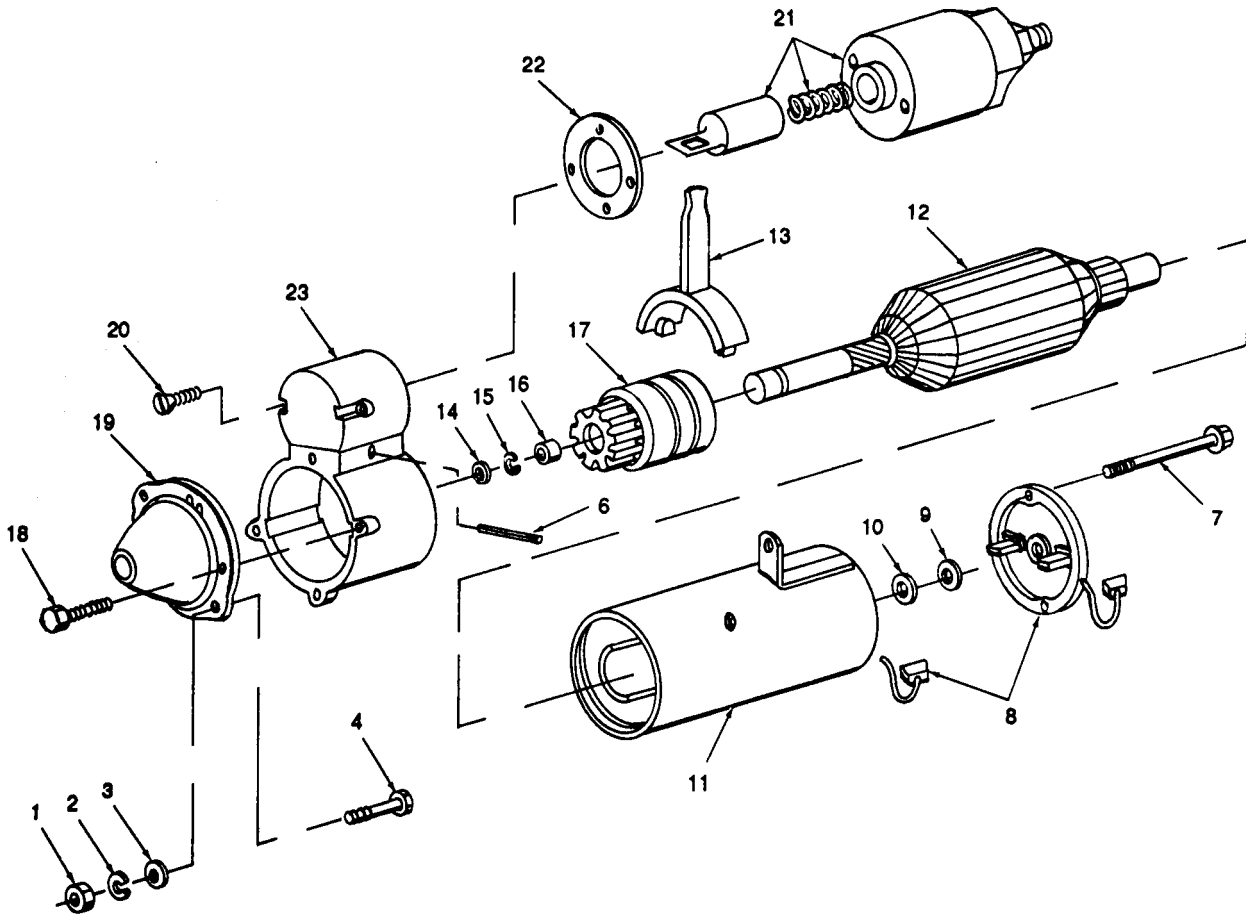


Figure 15. Starter Motor Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
GROUP 13 STARTER									
FIG. 15 STARTER MOTOR ASSEMBLY									
1	PAOZZ	PAOZZ		PAOZZ	96906	MS35649-2312	NUT, PLAIN, HEXAGON: STARTER MTG	2	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-45	WASHER, LOCK: STARTER MTG	2	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-14	WASHER, FLAT: STARTER MTG	2	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-38	BOLT, MACHINE: STARTER MTG	2	
5	PAOZZ	PAOZZ		PAOZZ	96906	MS53013-1	STARTER MOTOR, ELEC: SOLENOID ACTUATED	1	
6	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0006	PIN, SPRING	1	
7	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0016	BOLT, SHOULDER	2	
8	XAFZZ	XAFZZ		XAFZZ	7V942	2A042-0013	BRUSH HOLDER ASSY	1	
9	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0015	WASHER FLAT	1	
10	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0014	INSULATOR, WASHER	1	
11	XAFZZ	XAFZZ		XAFZZ	7V942	2A042-0012	YOKE ASSY	1	
12	XAFZZ	XAFZZ		XAFZZ	7V942	2A042-0008	ARMATURE, STARTER MOTOR	1	
13	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0005	SHIFTER FORK	1	
14	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0011	WASHER FLAT	1	
15	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0010	RING, RETAINING	1	
16	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0009	SPACER, RING	1	
17	XAFZZ	XAFZZ		XAFZZ	7V942	2A042-0007	CLUTCH ASSEMBLY, DRIVE	1	
18	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0004	SCREW, CAP, SOCKET HEAD	4	
19	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0002	FRONT BRACKET ASSY	1	
20	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0019	SCREW, MACHINE	2	
21	PAFZZ	PAFZZ		PAFZZ	7V942	2A042-0017	RELAY-SOLENOID, STARTER MOTOR	1	
22	XAFZZ	XAFZZ		XAFZZ	7V942	2A042-0018	GASKET	1	
23	XBFZZ	XBFZZ		XBFZZ	7V942	2A042-0003	CENTER BRACKET	1	

END OF FIGURE

SECTION II

2  
3 THRU 5

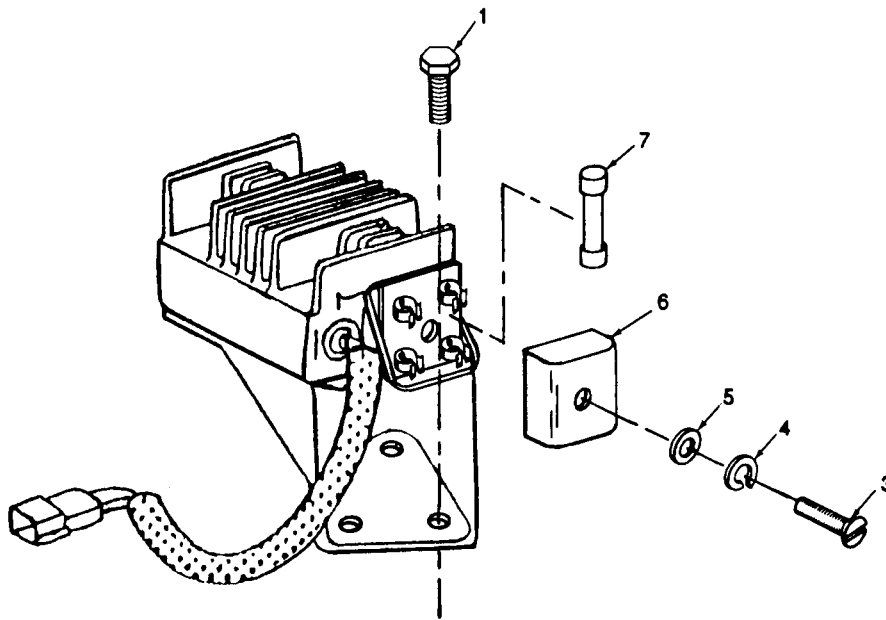


Figure 16. Regulator Assembly



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				USMC CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/EQUIP
	ARMY	AIR FORCE	NAVY	d.					
							GROUP 14 REGULATOR-RECTIFIER		
							FIG.16 REGULATOR ASSEMBLY		
1	PAOZZ	PAOZZ		PAOZZ	96906	MS35206-281	SCREW, ASSEMBLED:REGULATOR TO FAN HOUSING	3	
2	PAOZZ	PAOZZ		PAOZZ	97403	13206E0813	REGULATOR, ENGINE GE	1	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS51849-74	SCREW, MACHINE:FUSE COVER MTG.	1	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS35333-73	WASHER, LOCK:FUSE COVER MTG	1	
5	PAOZZ	PAOZZ		PAOZZ	96906	MS15795-807	WASHER, FLAT:FUSE COVER MTG	1	
6	PAOZZ	PAOZZ		PAOZZ	00818	F7288	COVER, FUSE	1	
7	PAOZZ	PAOZZ		PAOZZ	71400	SFE14	FUSE, REGULATOR	2	

END OF FIGURE

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SECTION II

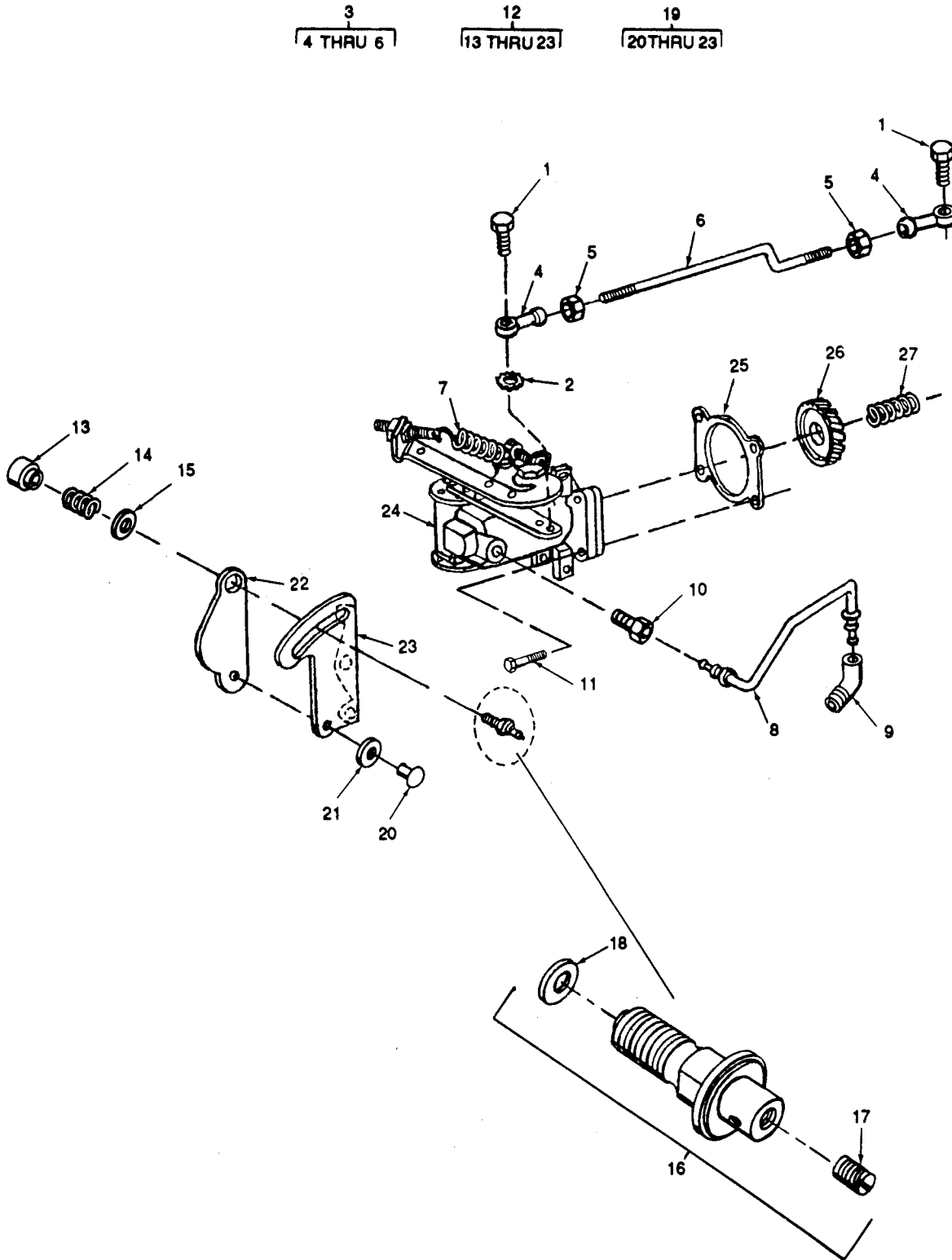


Figure 17. Governor Assembly and Carburetor Control Components

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
							GROUP 15 GOVERNOR ASSEMBLY		
							FIG. 17 GOVERNOR ASSEMBLY AND CARBURETOR CONTROL COMPONENTS		
1	PAOZZ	PAOZZ		PAOZZ	97403	13206E0904	SCREW,MACHINE:BEARING ASSEMBLY TO CARBURETOR	2	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS35333-39	WASHER,LOCK:BEARING ASSEMBLY	2	
3	PAOZZ	PAOZZ		PAOZZ	97403	13206E0800	CONNECTING LINKAGE	1	
4	PAOZZ	PAOZZ		PAOZZ	97403	13206E0810	BEARING,PLAIN,ROD:THROTTLE CONTROL ROD GOVERNOR END AND CARBURETOR END	2	
5	PAOZZ	PAOZZ		PAOZZ	96906	MS35650-302	NUT,PLAIN,HEXAGON:BEARING ASSEMBLY TO THROTTLE	2	
6	XAOZZ	XAOZZ		XAOZZ	97403	13206E0801	ROD,THROTTLE	1	
7	XBOZZ	XBOZZ		XBOZZ	77260	SN1575	SPRING,HELICAL,EXTENSION GOVERNOR ADJUSTING	1	
7	XBOZZ	XBOZZ		XBOZZ	88408	56842	(USED ON PIERCE GOVERNOR ONLY) SPRING,EXTENSION:GOVERNOR ADJUSTING	1	
7	PAOZZ	PAOZZ		PAOZZ	74465	D110-48A	(USED ON NOVI GOVERNOR ONLY) SPRING,HELICAL,EXTENSION GOVERNOR ADJUSTING	1	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E0780	(USED ON HOOF GOVERNOR ONLY) LINE:CRANKCASE TO GOVERNOR	1	
9	PAOZZ	PAOZZ		PAOZZ	97403	13213E3296	ELBOW,PIPE TO TUBE:OIL LINE TO CRANKCASE	1	
10	PAOZZ	PAOZZ		PAOZZ	24617	137405	FITTING,STRAIGHT:OIL LINE TO GOVERNOR	1	
11	PAOZZ	PAOZZ		PAOZZ	97403	13206E1473	SCREW,ASSEMBLED:GOVERNOR TO GEAR COVER	4	
12	PAOZZ	PAOZZ		PAOZZ	97403	13213E3288	CONTROL,CARBURETOR	1	
13	PAOZZ	PAOZZ		PAOZZ	97403	13206E1405	KNOB	1	
14	PAOZZ	PAOZZ		PAOZZ	97403	13206E1409	SPRING,HELICAL,COMP	1	
15	PAOZZ	PAOZZ		PAOZZ	96906	MS15795-916	WASHER,FLAT:CARBURETOR CONTROL BOLT TO LEVER	1	
16	PAOZZ	PAOZZ		PAOZZ	97403	13206E1489	CARBURETOR PIN AND BOLT	1	
17	XBOZZ	XBOZZ		XBOZZ	96906	MS51017-23	SETSCREW:CARBURETOR CONTROL PIN	1	
18	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-2	WASHER,FLAT:CARBURETOR CONTROL PIN TO BOLT	1	
19	PAOZZ	PAOZZ		PAOZZ	97403	13213E3287	BRACKET AND LEVER:CARBURETOR CONTROL	1	
20	PAOZZ	PAOZZ		PAOZZ	96906	MS20613-6P5	RIVET,SOLID:CARBURETOR CONTROL BRACKET	1	
21	PAOZZ	PAOZZ		PAOZZ	97403	13206E1421	WASHER,FLAT:CARBURETOR CONTROL BRACKET	1	
22	XAOZZ	XAOZZ		XAOZZ	97403	13206E0487	LEVER,CARBURETOR	1	
23	XAOZZ	XAOZZ		XAOZZ	97403	13213E3282	BRACKET,CARBURETOR	1	
24	KFOZZ	KFOZZ		KFOZZ	97403	13213E3298	GOVERNOR	1	
							(PART OF KIT,P/N 13214E8209)		

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				USMC CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
25	PAOZZ	PAOZZ		PAOZZ	97403	13206E0184	GASKET:GOVERNOR MTG (PART OF KITS,P/N 13214E8195 AND 13214E8209)	1	
26	PAOZZ	PAOZZ		PAOZZ	97403	13206E0792	GEAR,WORM:TACHOMETER AND GOVERNOR	1	
27	PAOZZ	PAOZZ		PAOZZ	96906	MS24585-494	SPRING,GEAR:TACHOMETER DRIVE	1	
	PAOZZ	PAOZZ		PAOZZ	97403	13214E8209	KIT,GOVERNOR GOVERNOR (1) 17-24 GASKET (1) 17-25	1 V	

END OF FIGURE



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SECTION II

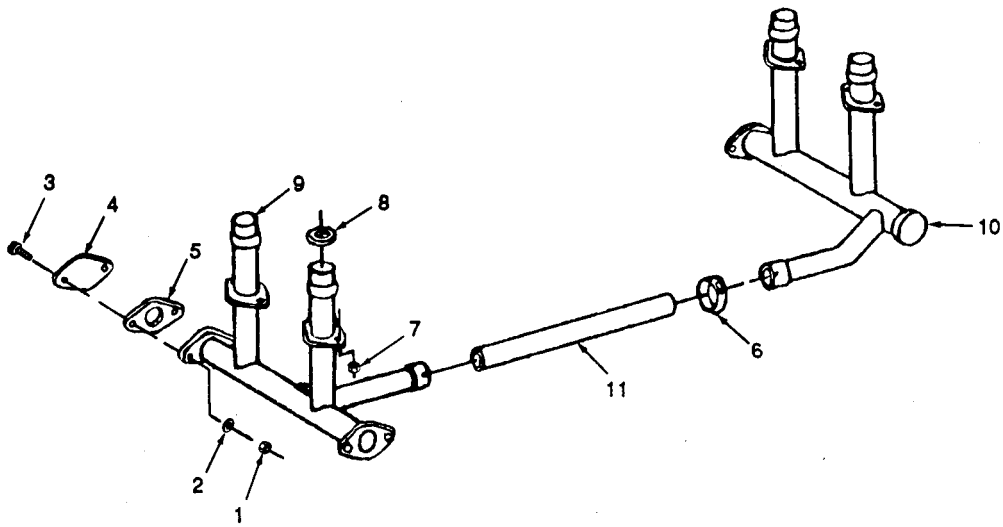


Figure 18. Exhaust Manifold and Pipe

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 16 EXHAUST MANIFOLD AND EXHAUST PIPE									
FIG.18 EXHAUST MANIFOLD AND PIPE									
1	PAOZZ	PAOZZ		PAOZZ	96906	MS51967-8	NUT, PLAIN, HEXAGON:COVER MTG	4	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-46	WASHER, LOCK-SPRING:COVER MTG	4	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-60	SCREW, CAP, HEXAGON:COVER MTG	4	
4	PAOZZ	PAOZZ		PAOZZ	97403	13206E0538	COVER, EXHAUST MANIFOLD	2	
5	PAOZZ	PAOZZ		PAOZZ	97403	13206E0642	GASKET:EXHAUST MANIFOLD COVER	2	
6	PAOZZ	PAOZZ		PAOZZ	96906	MS35842-12	(PART OF KIT, P/N 13214E8195) CLAMP, HOSE:EXHAUST PIPE	2	
7	PAOZZ	PAOZZ		PAOZZ	97403	9786E50-1	NUT, PLAIN, HEXAGON:EXHAUST MANIFOLD	8	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E0964	WASHER, RECESSED:EXHAUST MANIFOLD	4	
9	PAOZZ	PAOZZ		PAOZZ	97403	13206E1310	(PART OF KIT, P/N 13214E8195) MANIFOLD, EXHAUST:NO.1 AND 3	1	
10	PAOZZ	PAOZZ		PAOZZ	97403	13206E0705	CYLINDER MANIFOLD, EXHAUST:NO.2 AND 4	1	
11	PAOZZ	PAOZZ		PAOZZ	97403	13206E0539	CYLINDER PIPE, EXHAUST	1	

END OF FIGURE

SECTION II

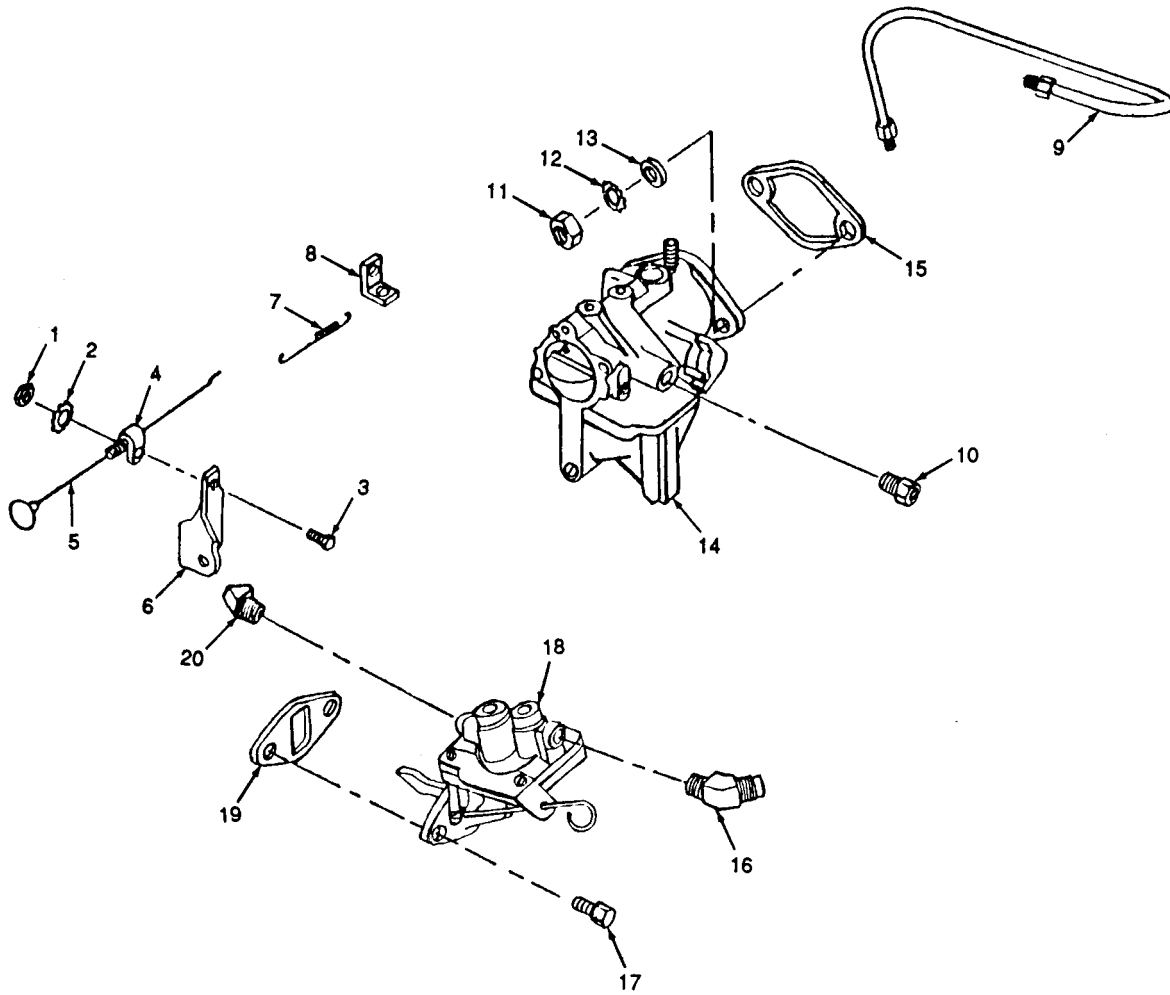


Figure 19. Manual Choke, Carburetor, and Fuel System Components



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 17 MANUAL CHOKE GROUP 18 CARBURETOR GROUP 19 FUEL SYSTEM		
							FIG. 19 MANUAL CHOKE, CARBURETOR AND FUEL SYSTEM COMPONENTS		
1	PAOZZ	PAOZZ		PAOZZ	96906	MS3564-202	NUT, PLAIN, HEX: CHOKE CONTROL CABLE BRACKET TO CLAMP SCREW	1	
2	PAOZZ	PAOZZ		PAOZZ	96906	MS35335-32	WASHER, LOCK: CHOKE CONTROL CABLE TO BRACKET	1	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS35206-261	SCREW, MACHINE: CHOKE CONTROL CABLE CLAMP TO BRACKET	1	
4	PAOZZ	PAOZZ		PAOZZ	97403	13206E1184	CLAMP, CABLE: CHOKE CONTROL	1	
5	PAOZZ	PAOZZ		PAOZZ	97403	13206E1180	CHOKE CONTROL ASSEMBLY	1	
6	PAOZZ	PAOZZ		PAOZZ	97403	13206E0903	BRACKET, CABLE	1	
7	PAOZZ	PAOZZ		PAOZZ	97403	13213E3279	SPRING, HELICAL, EXTENSION: CHOKE CABLE RETURN	1	
8	XBOZZ	XBOZZ		XBOZZ	97403	13213E3280	BRACKET: CHOKE CABLE RETURN	1	
9	PAOZZ	PAOZZ		PAOZZ	97403	13206E1090	TUBE ASSEMBLY, METAL: PUMP TO CARBURETOR	1	
10	PAOZZ	PAOZZ		PAOZZ	19207	13218E0135-12	CONNECTOR, INVERTED: CARBURETOR TO FUEL INLET LINE	1	
11	PAOZZ	PAOZZ		PAOZZ	96906	MS51968-5	NUT, PLAIN, HEXAGON: CARBURETOR TO INTAKE MANIFOLD STUD	2	
12	PAOZZ	PAOZZ		PAOZZ	96906	MS35335-34	WASHER, LOCK: CARBURETOR TO INTAKE MANIFOLD STUD	2	
13	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-12	WASHER, FLAT: CARBURETOR TO INTAKE MANIFOLD STUD	2	
14	KFOZZ	KFOZZ		KFOZZ	97403	13206E1170-2	CARBURETOR	1	
15	PAOZZ	PAOZZ		PAOZZ	97403	13206E1152	(PART OF KIT, P/N 13214E8201) GASKET: CARBURETOR MTG (PART OF KIT, P/N 13214E8195 AND 13214E8201)	1	
16	PAOZZ	PAOZZ		PAOZZ	96906	MS20823-3B	ELBOW, PIPE TO TUBE: MALE, 45 DEGREE, 1/8-27 NPTF, 1/2-20 UNF 2A 39 DEGREE FLARE MALE	1	
17	PAOZZ	PAOZZ		PAOZZ	97403	13206E1473	SCREW, ASSEMBLED: FUEL PUMP TO CRANKCASE	2	
18	KFOZZ	KFOZZ		KFOZZ	97403	13226E6170	FUEL PUMP ASSEMBLY WITH PRIMER (PART OF KITS, P/N 13226E6169 AND 13214E8198)	1	
19	PAOZZ	PAOZZ		PAOZZ	97403	13206E0401	GASKET: FUEL PUMP MTG (PART OF KITS, P/N 13214E8198 AND 13214E8195)	1	
20	PAOZZ	PAOZZ		PAOZZ	81348	SAEJ512	ELBOW, PIPE TO TUBE: MALE, 45 DEGREE, 1/8-27 NPTF, 1/2-20 UNF 2A 39 DEGREE FLARE MALE	1	

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				USMC CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
	PAOFF	PAOFF		PAOFF	97403	13214E8201	KIT, CARBURETOR CARBURETOR (1) 19-14 GASKET (1) 19-15	V	
	PAOZZ	PAOZZ		PAOZZ	97403	13226E6169	KIT, FUEL PUMP GASKET (1) 2-11 FUEL PUMP (1) 19-18 GASKET (1) 19-19	V	

END OF FIGURE



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SECTION II

13  
14 THRU 16

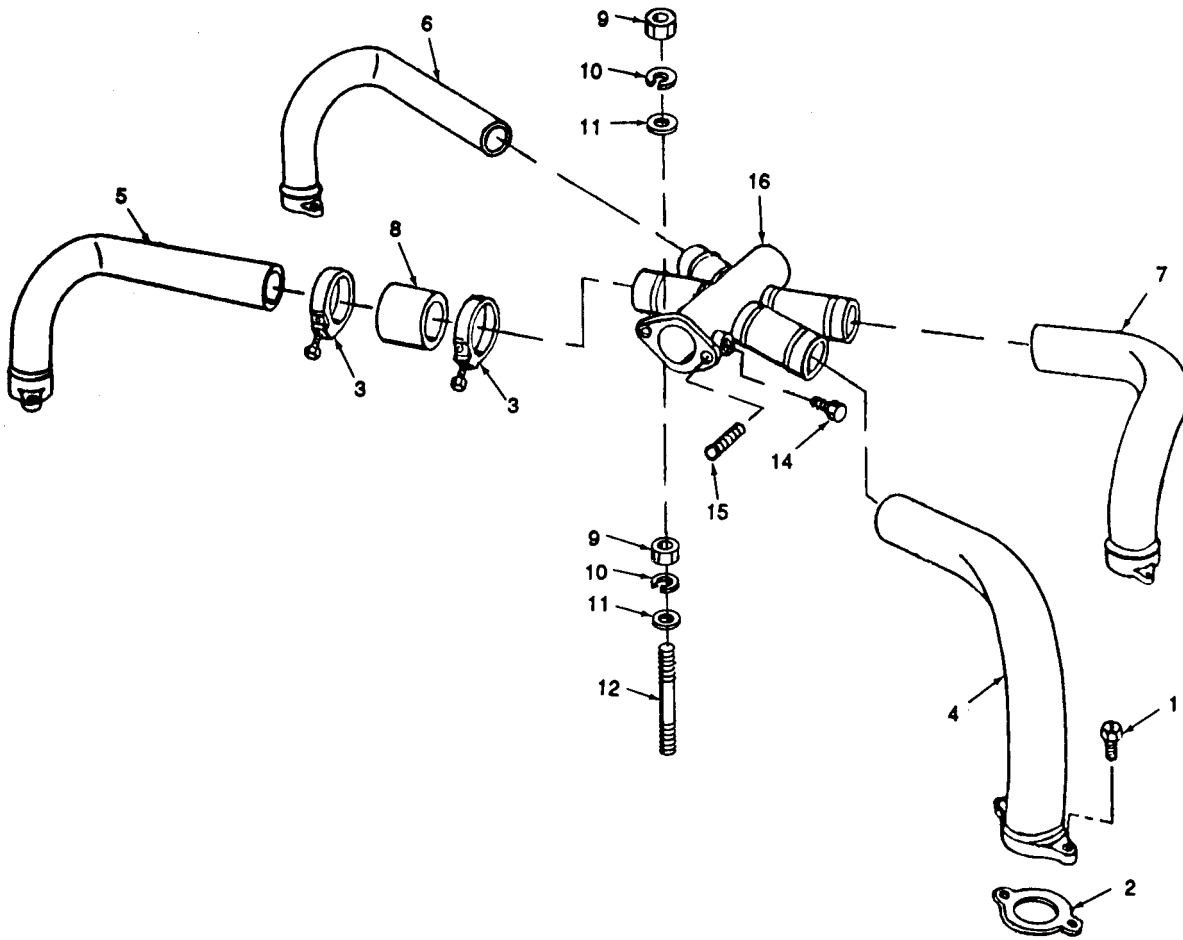


Figure 20, Intake Manifold Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
GROUP 20 INTAKE MANIFOLD ASSEMBLY									
FIG. 20 INTAKE MANIFOLD ASSEMBLY									
1	PAOZZ	PAOZZ		PAOZZ	19207	187263	SCREW, ASSEMBLED: MANIFOLD MTG	8	
2	PAOZZ	PAOZZ		PAOZZ	97403	13206E1151	GASKET: INTAKE MANIFOLD MTG (PART OF KIT, P/N 13214E8195)	4	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS39326-26	CLAMP, HOSE: INTAKE MANIFOLD	8	
4	PAOZZ	PAOZZ		PAOZZ	97403	13206E1120	TUBE, INTAKE MANIFOLD: CYLINDER NO. 2	1	
5	PAOZZ	PAOZZ		PAOZZ	97403	13206E1110	ELBOW, INTAKE MANIFOLD: CYLINDER NO. 1	1	
6	PAOZZ	PAOZZ		PAOZZ	97403	13206E1130	ELBOW, INTAKE MANIFOLD: CYLINDER NO. 3	1	
7	PAOZZ	PAOZZ		PAOZZ	97403	13206E1140	ELBOW ASSEMBLY, INTAKE MANIFOLD CYLINDER NO. 4	1	
8	MOOZZ	MOOZZ		MOOZZ	97403	13206E0863	HOSE, NONMETALLIC: INTAKE MANIFOLD (MAKE FROM HOSE MIL-H-6000, NSN 4720-00-618-9124: .8 FT. LG)	4	
9	PAOZZ	PAOZZ		PAOZZ	96906	MS35691-5	NUT, PLAIN, HEXAGON: INTAKE MANIFOLD BODY TO CRANKCASE STUD	2	
10	PAOZZ	PAOZZ		PAOZZ	96906	MS35338-44	WASHER, LOCK: INTAKE MANIFOLD BODY TO CRANKCASE STUD	2	
11	PAOZZ	PAOZZ		PAOZZ	88044	AN960-416L	WASHER, FLAT: INTAKE MANIFOLD BODY TO CRANKCASE STUD	2	
12	PAOZZ	PAOZZ		PAOZZ	97403	13206E0537	STUD, PLAIN: CRANKCASE TO INTAKE MANIFOLD BODY	1	
13	PAOZZ	PAOZZ		PAOZZ	97403	13206E1100	BODY ASSEMBLY, MANIFOLD	1	
14	PAOZZ	PAOZZ		PAOZZ	88044	AN932-2	PLUG, PIPE: INTAKE MANIFOLD BODY VACUUM TAP HOLE	1	
15	PAOZZ	PAOZZ		PAOZZ	96906	MS17301-011	STUD, PLAIN: INTAKE MANIFOLD BODY TO CARBURETOR	2	
16	XAOZZ	XAOZZ		XAOZZ	97403	13206E1101	BODY, INTAKE	1	

END OF FIGURE

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SECTION II

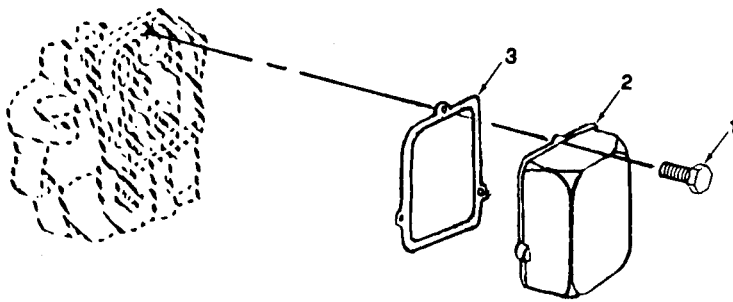


Figure 21. Rocker Box Covers

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	ARMY	AIR FORCE	NAVY	USMC d.					
							GROUP 21 ROCKER BOX COVERS		
							FIG. 21 ROCKER BOX COVERS		
1	PAOZZ	PAOZZ		PAOZZ	97403	13218E0504-58	SCREW ASSEMBLED: ROCKER BOX COVER MTG	12	
2	PAOZZ	PAOZZ		PAOZZ	97403	13206E0686	COVER, ROCKER BOX	4	
3	PAOZZ	PAOZZ		PAOZZ	97403	13206E0685	GASKET: ROCKER BOX COVER (PART OF KIT, P/N 13214E8195)	4	
							END OF FIGURE		

SECTION II

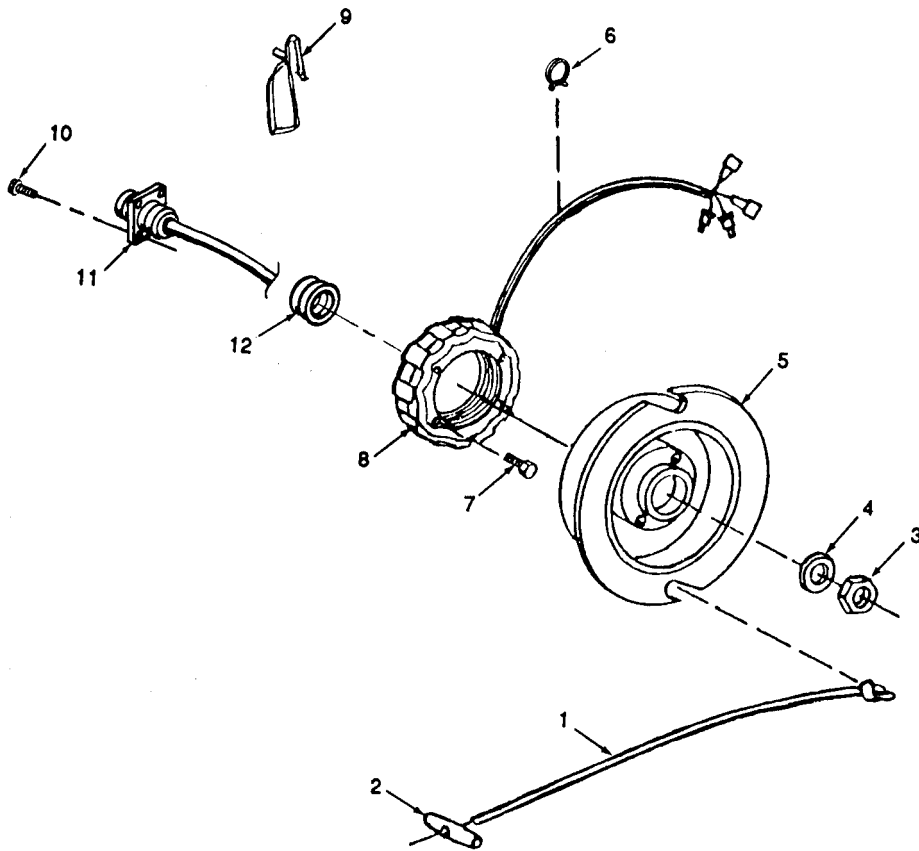


Figure 22. Alternator Assembly, Starter Pull Rope,  
and Wiring Harness



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 22 ALTERNATOR ASSEMBLY GROUP 23 WIRING HARNESS ASSEMBLY		
							FIG. 22 ALTERNATOR ASSEMBLY, STARTER PULL ROPE, AND WIRING HARNESS		
1	PAOZZ	PAOZZ		PAOZZ	97403	13213E3284	STARTER ROPE, ENGINE STARTING (CAN BE MFG FROM, CORD, P/N MILC5040, 5 FT REQUIRED AND HANDLE, P/N 9786E121-1)	1	
2	XAOZZ	XAOZZ		XAOZZ	97403	9786E121-1	HANDLE, STARTER ROPE	1	
3	PAOZZ	PAOZZ		PAOZZ	96906	MS51968-20	NUT, PLAIN, HEXAGON: STARTER GENERATOR TO CRANKSHAFT	1	
4	PAOZZ	PAOZZ		PAOZZ	96906	MS27183-21	WASHER, FLAT: STARTER AND GENERATOR PULLEY TO CRANKSHAFT	1	
5	PAOZZ	PAOZZ		PAOZZ	97403	13206E0981	WHEEL, ROPE PULLEY	1	
6	PAOZZ	PAOZZ		PAOZZ	96906	MS21333-66	CLAMP, LOCK, CUSHIONED	1	
7	PAOZZ	PAOZZ		PAOZZ	19207	228323	SCREW, ASSEMBLED STATOR ASSEMBLY TO CRANKCASE	4	
8	PAOZZ	PAOZZ		PAOZZ	97403	13206E0707	STATOR, ENGINE GENERATOR	1	
9	PAOZZ	PAOZZ		PAOZZ	97403	13206E0740	CLAMP: HARNESS MTG	7	
10	PAOZZ	PAOZZ		PAOZZ	96906	MS51861-15	SCREW, TAPPING: HARNESS CONNECTOR MTG	4	
11	PAOZZ	PAOZZ		PAOZZ	97403	13206E0632	WIRING HARNESS	1	
12	PAOZZ	PAOZZ		PAOZZ	96906	MS35489-6	GROMMET, NONMETALLIC: WIRING HARNESS (PART OF KIT, P/N 13214E8195)	1	

END OF FIGURE

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SECTION II

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14 THRU 17

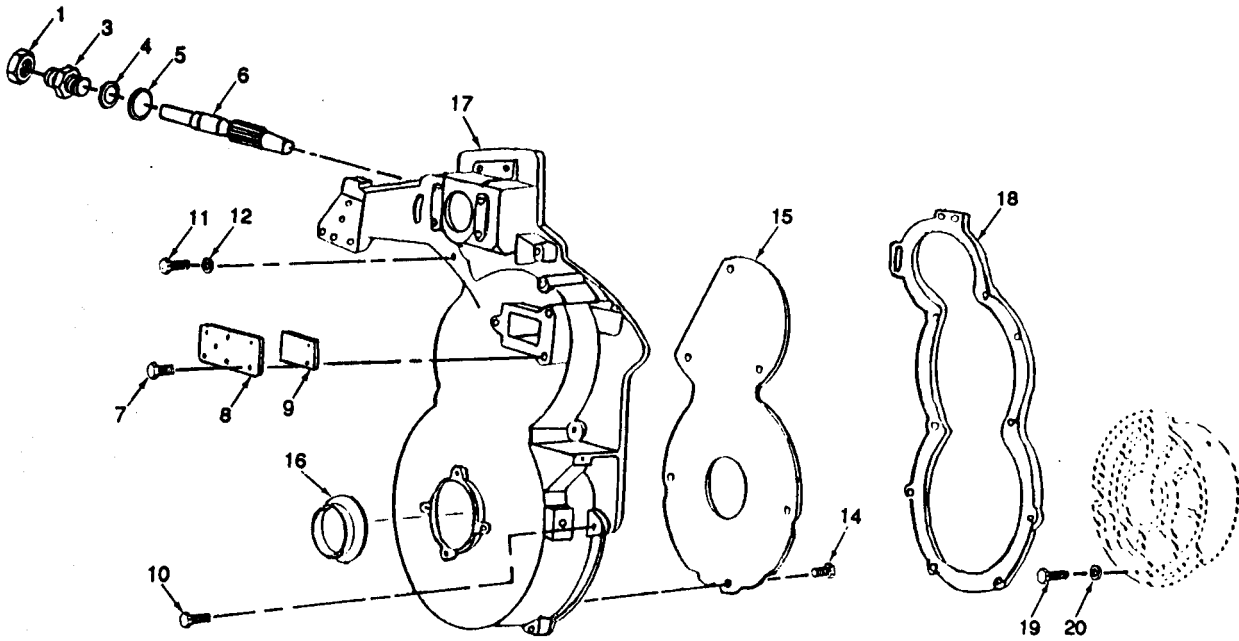


Figure 23. Timing Gear Cover (Modified)

SECTION II

(1)	(2)		(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE		CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.					
	ARMY	AIR FORCE	NAVY	USMC			
GROUP 24 TIMING GEAR COVER							
FIG. 23 TIMING GEAR COVER (MODIFIED)							
1	PAOZZ	PAOZZ		PAOZZ	96906 MS25178-14		
							CAP, PROTECTIVE, DUST: TACHOMETER CABLE ADAPTER
2	PAOZZ	PAOZZ		PAOZZ	97403 13206E0600		1
							ADAPTER ASSEMBLY, TACHOMETER CABLE
3	XAOZZ	XAOZZ		XAOZZ	97403 13206E0601		1
							ADPATER, TACHOMETER
4	KFOZZ	KFOZZ		KFOZZ	97403 13206E0602		1
							SEAL, OIL: TACHOMETER ADAPTER TO GEAR
5	KFOZZ	KFOZZ		KFOZZ	97403 13206E0599		1
							(PART OF KITS, P/N 13214E8212 AND 13215E3825) GASKET: TACHOMETER CABLE ADAPTER
6	PAOZZ	PAOZZ		PAOZZ	97403 13206E0598		1
							(PART OF KITS, P/N 13214E8195 AND 13215E3825) GEARSHAFT, HELICAL: TACHOMETER DRIVEN
7	PAOZZ	PAOZZ		PAOZZ	97403 13218E0504-33		3
							SCREW, ASSEMBLED: REED SUPPORT MTG
8	PAOZZ	PAOZZ		PAOZZ	97403 13206E0605		1
							SUPPORT, AIR BREATHER REED
9	PAOZZ	PAOZZ		PAOZZ	97403 13206E0604		1
							REED, AIR BREATHER
10	PAOZZ	PAOZZ		PAOZZ	19207 10947213-2		8
							SCREW, ASSEMBLED: GEAR COVER ASSEMBLY MTG
11	PAOZZ	PAOZZ		PAOZZ	96906 MS51849-99		1
							SCREW, MACHINE: GEAR COVER ASSEMBLY MTG
12	PAOZZ	PAOZZ		PAOZZ	96906 MS35335-33		1
							WASHER, LOCK: GEAR COVER ASSEMBLY MTG.
13	KFOZZ	KFOZZ		KFOZZ	97403 13215E4160		1
							COVER ASSEMBLY, TIMING GEAR (PART OF KIT P/N 13215E3825)
14	PAOZZ	PAOZZ		PAOZZ	96906 MS21318-41		6
							.SCREW, DRIVE: AIR BREATHER BAFFLE TO GEAR COVER MTG
15	KFOZZ	KFOZZ		KFOZZ	97403 13216E3831		1
							BAFFLE, AIR BREATHER
16	KFOZZ	KFOZZ		KFOZZ	97403 13206E0593		1
							SEAL, PLAIN ENCASED: GEAR COVER TO CRANKSHAFT
17	KFOZZ	KFOZZ		KFOZZ	97403 13216E3827		1
							(PART OF KIT, P/N 13214E8212) COVER, GEAR
18	PAOZZ	PAOZZ		PAOZZ	97403 13206E0582		1
							GASKET: GEAR COVER
19	PAOZZ	PAOZZ		PAOZZ	97403 13206E1473		3
							(PART OF KITS, P/N 13214E8195 AND 13215E3825) SCREW, ASSEMBLED: MAIN BEARING DIAPHRAGM MTG
20	PAOZZ	PAOZZ		PAOZZ	96906 MS35338-44		3
							WASHER, LOCK: MAIN BEARING, DIAPHRAGM BOLT

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				USMC CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	ARMY	FORCE	NAVY	d.					
	PAFZZ	PAFZZ			PAFZZ 97403	13215E3825	KIT, GEAR COVER REPAIR HOSE (2) 8-2 TEE (1) 8-6 SEAL (1) 23-4 GASKET (1) 23-5 GEAR COVER (1) 23-13 GASKET (1) 23-18	V	
							END OF FIGURE		



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SECTION II

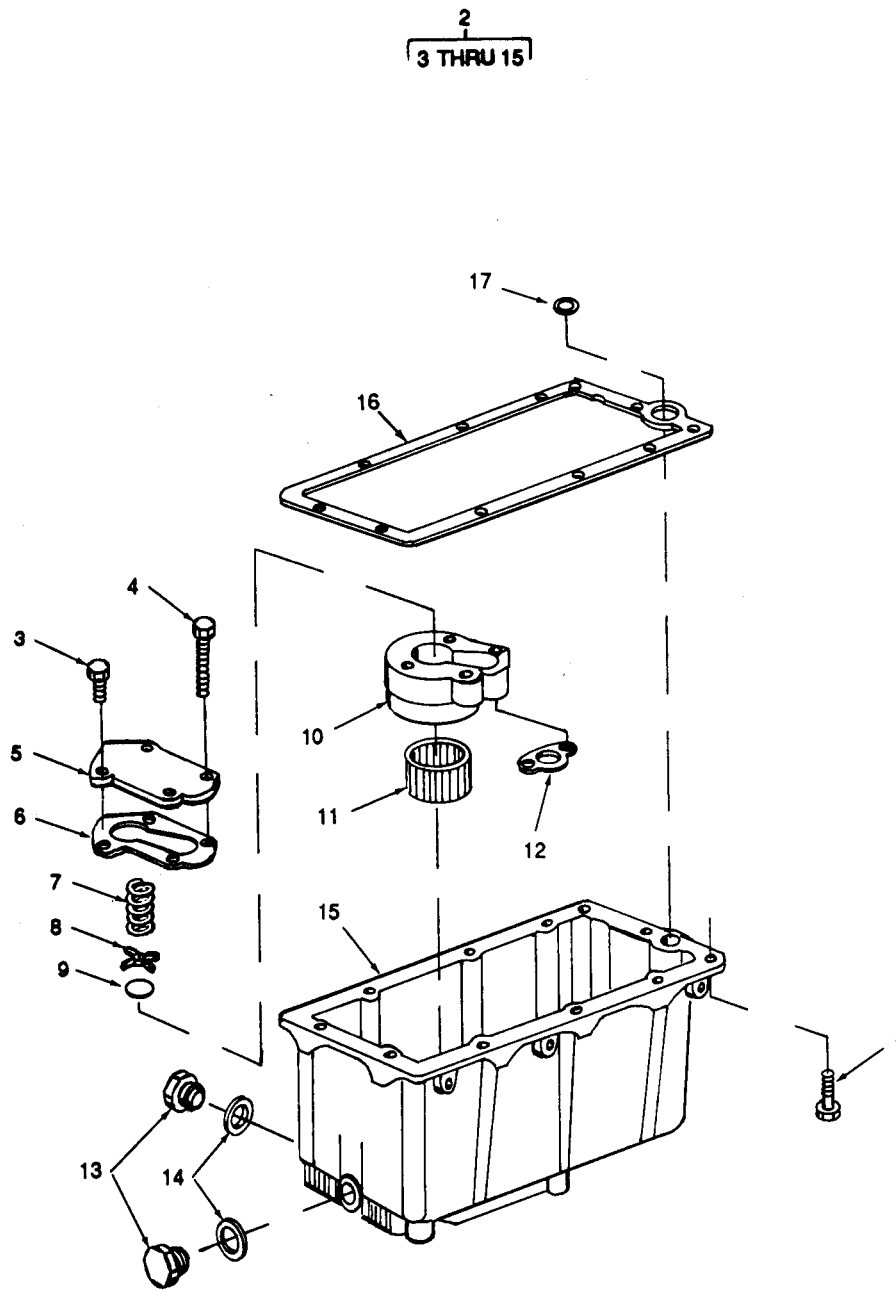


Figure 24. Oil Pan Assembly

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 25 OIL PAN ASSEMBLY		
							FIG. 24 OIL PAN ASSEMBLY		
1	PAFZZ	PAFZZ		PAFZZ	19207	10947213-2	SCREW, ASSEMBLED: OIL PAN TO CRANKCASE	11	
2	PAFZZ	PAFZZ		PAFZZ	97403	13206E1080	OIL PAN	1	
3	PAFZZ	PAFZZ		PAFZZ	97403	13218E0504-67	SCREW, ASSEMBLED: CHECK VALVE COVER MTG 1/4-20 X 5/8 LG	3	
4	PAFZZ	PAFZZ		PAFZZ	97403	13218E0504-95	SCREW, ASSEMBLED: CHECK VALVE BODY COVER THRU TO OIL PAN 1/4-2 X 1 5/8 LG	2	
5	XBFZZ	XBFZZ		XBFZZ	97403	13206E0711	COVER, CHECK VALVE	1	
6	PAFZZ	PAFZZ		PAFZZ	97403	13206E0544	GASKET: CHECK VALVE BODY COVER (PART OF KIT, P/N 13214E8195)	1	
7	XAFZZ	XAFZZ		XAFZZ	97403	13206E0758	SPRING, HELICAL, COMP	1	
8	PAFZZ	PAFZZ		PAFZZ	97403	13206E0757	RETAINER, CHECK VALVE	1	
9	PAFZZ	PAFZZ		PAFZZ	97403	13206E0756	DISK, SOLID, PLAIN	1	
10	PAFZZ	PAFZZ		PAFZZ	97403	13206E0755	BODY, CHECK VALVE	1	
11	PAFZZ	PAFZZ		PAFZZ	97403	13206E0750	FILTER ELEMENT, FLUID CHECK VALVE	1	
12	KFFZZ	KFFZZ		KFFZZ	97403	13206E0754	FILTER	1	
							GASKET: CHECK VALVE BODY (PART OF KIT, P/N 13214E8195)	1	
13	PAOZZ	PAOZZ		PAOZZ	96906	MS35844-83	PLUG, MACHINE THREAD WITHOUT GASKET	2	
14	PAOZZ	PAOZZ		PAOZZ	97403	13213E3283	GASKET: DRAIN PLUG	2	
15	XBFZZ	XBFZZ		XBFZZ	97403	13206E1081	PAN, OIL	1	
16	PAFZZ	PAFZZ		PAFZZ	97403	13206E1083	GASKET: OIL PAN (PART OF KIT, P/N 13214E8195)	1	
17	PAFZZ	PAFZZ		PAFZZ	97403	13206E0734	PACKING, PREFORMED (PART OF KIT, P/N 13214E8195)	1	

END OF FIGURE

SECTION II

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11 THRU 21

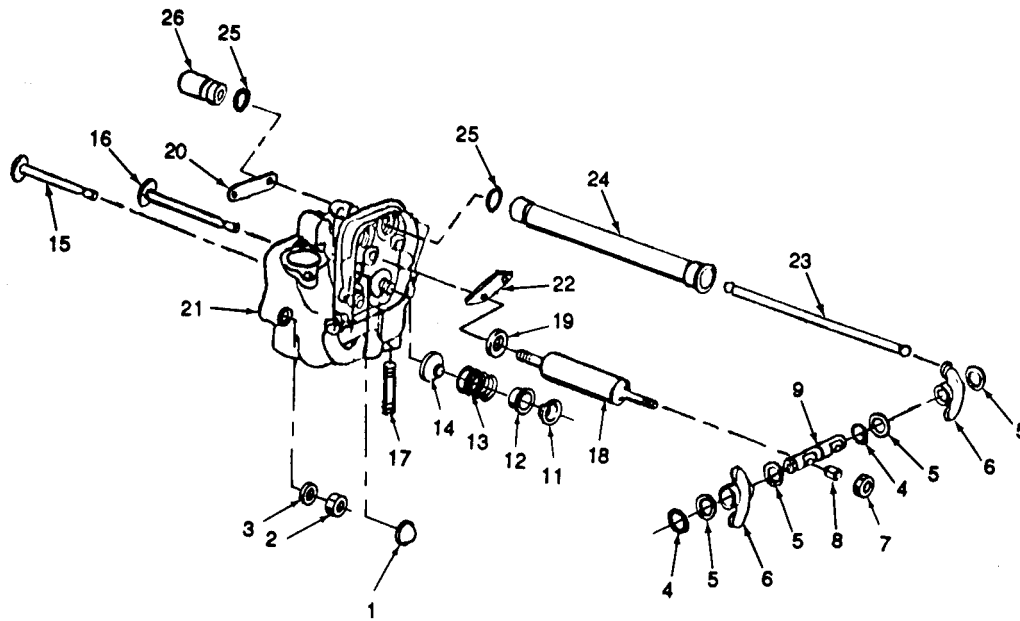


Figure 25. Cylinder Head Assembly



SECTION II

(1)	(2)		(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				PART NUMBER	DESCRIPTION AND USABLE ON CODE	USMC QTY/ EQUIP
	a.	b.	c.	d.			
	ARMY	AIR FORCE	NAVY	USMC	CAGEC		QTY
						GROUP 26 CYLINDER HEAD ASSEMBLY	
						FIG. 25 CYLINDER HEAD ASSEMBLY	
1	PAFZZ	PAFZZ		PAFZZ	97403 13216E3828	PLUG,CYLINDER HEAD: CYLINDER HOLD-DOWN ACCESS	4
2	PAFZZ	PAFZZ		PAFZZ	97403 13206E0708	NUT, CYLINDER HEAD: CYLINDER AND CYLINDER HEAD TO CRANKCASE	16
3	PAFZZ	PAFZZ		PAFZZ	43999 2W1-24-24-92	WASHER, FLAT: CYLINDER HEAD TO CRANKCASE STUD	16
4	PAFZZ	PAFZZ		PAFZZ	96906 MS16624-1062	RING, RETAINING: ROCKER TO ROCKER SHAFT	8
5	PAFZZ	PAFZZ		PAFZZ	97403 13213E3294	WASHER, FLAT: ROCKER TO ROCKER SHAFT SPACER	16
6	PAFZZ	PAFZZ		PAFZZ	97403 13206E0700	ROCKER, ASSEMBLY	8
7	PAFZZ	PAFZZ		PAFZZ	97403 13214E9578-1	NUT, SELF-LOCKING: ROCKER SHAFT SUPPORT CAP AND ROCKER SHAFT TO CYLINDER HEAD STUD	8
8	PAFZZ	PAFZZ		PAFZZ	97403 13213E3302	BUSHING, SLEEVE: ROCKER SHAFT SUPPORT (WHEN ORDERING REPLACEMENT, ALSO ORDER, SHAFT P/N 13213E3300, SUPPORT P/N 13213E3301, AND PACKING P/N 3S9068-111)	2
9	PAFZZ	PAFZZ		PAFZZ	97403 13213E3300	SHAFT, STRAIGHT (WHEN ORDERING REPLACEMENT, ALSO ORDER, CAP P/N 13213E3302, SUPPORT P/N 13213E3301, AND PACKING P/N MS9068-111)	4
10	KFFZZ	KFFZZ		KFFZZ	97403 13206E0660	HEAD ASSEMBLY, CYLINDER (PART OF KIT, P/N 13214E8208)	4
11	PAFZZ	PAFZZ		PAFZZ	97403 13206E0661	LOCK, VALVE SPRING (PART OF KIT, P/N 13214E8208)	2
12	PAFZZ	PAFZZ		PAFZZ	97403 13206E0669	ROTOR, ENGINE POPPET (PART OF KIT, P/N 13214E8208)	2
13	PAFZZ	PAFZZ		PAFZZ	97403 13206E0679	SPRING, HELICAL, COMP (PART OF KIT, P/N 13214E8208)	2
14	PAFZZ	PAFZZ		PAFZZ	97403 13206E0702	SEAL ASSEMBLY, VALVE (PART OF KIT, P/N 13214E8208)	2
15	KFFZZ	KFFZZ		KFFZZ	97403 13206E0677	VALVE, INTAKE (PART OF KITS, P/N 13214E8208 AND 13214E8213)	1
16	KFFZZ	KFFZZ		KFFZZ	97403 13206E0678	VALVE, EXHAUST (PART OF KITS, P/N 13214E8208 AND 13214E8214)	1
17	PAFZZ	PAFZZ		PAFZZ	96906 MS17300-061	STUD, PLAIN: CYLINDER HEAD TO EXHAUST MANIFOLD (PART OF KIT, P/N 13214E8208)	2
18	PAFZZ	PAFZZ		PAFZZ	97403 13213E3301	SUPPORT, ROCKER SHAFT (WHEN ORDERING REPLACEMENT, ALSO ORDER, CAP P/N 13213E3302, SHAFT P/N 13213E3300, AND PACKING P/N MS9068-111) (PART OF KIT, P/N 13214E8208)	2

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
19	PAFZZ	PAFZZ		PAFZZ	96906	MS9068-111	PACKING, PREFORMED: CYLINDER HEAD TO ROCKER SHAFT SUPPORT (PARTS OF KITS, P/N 13214E8195 AND 13214E8208)	2	
20	PBFZZ	PBFZZ		PBFZZ	97403	13206E0662	PLATE, ROCKER SHAFT (PART OF KIT, P/N 13214E8208)	1	
21	KFFZZ	KFFZZ		KFFZZ	97403	13206E0670	CYLINDER HEAD (PART OF KIT, P/N 13214E8208)	1	
22	PAFZZ	PAFZZ		PAFZZ	97403	13215E4165	PLATE, RETAINING	4	
23	PAFZZ	PAFZZ		PAFZZ	97403	13206E0680-1	PUSH ROD, ENGINE POPPET	8	
24	PAFZZ	PAFZZ		PAFZZ	97403	13206E0667	HOUSING, PUSH ROD	8	
25	KFFZZ	KFFZZ		KFFZZ	96906	MS9068-211	PACKING, PREFORMED: PUSH ROD HOUSING	16	
26	PAFZZ	PAFZZ		PAFZZ	97403	13206E0580	TAPPET, HYDRAULIC: ENGINE POPPET	8	
	PAFFF	PAFFF		PAFFF	97403	13214E8208	KIT, CYLINDER HEAD HEAD ASSY (1) 25-10 LOCK (2) 25-11 ROTOR (2) 25-12 SPRING (2) 25-13 SEAL ASSY (2) 25-14 VALVE (1) 25-15 VALVE (1) 25-16 STUD (2) 25-17 SUPPORT (2) 25-18 PACKING (2) 25-19 PLATE (1) 25-20 HEAD (1) 25-21	V	
	PAFZZ	PAFZZ		PAFZZ	97403	13214E8213	KIT, INTAKE VALVE SEAL (1) 25-14 VALVE (1) 25-15	V	
	PAFZZ	PAFZZ		PAFZZ	97403	13214E8214	KIT, EXHAUST VALVE SEAL (1) 25-14 VALVE (1) 25-16	V	

END OF FIGURE



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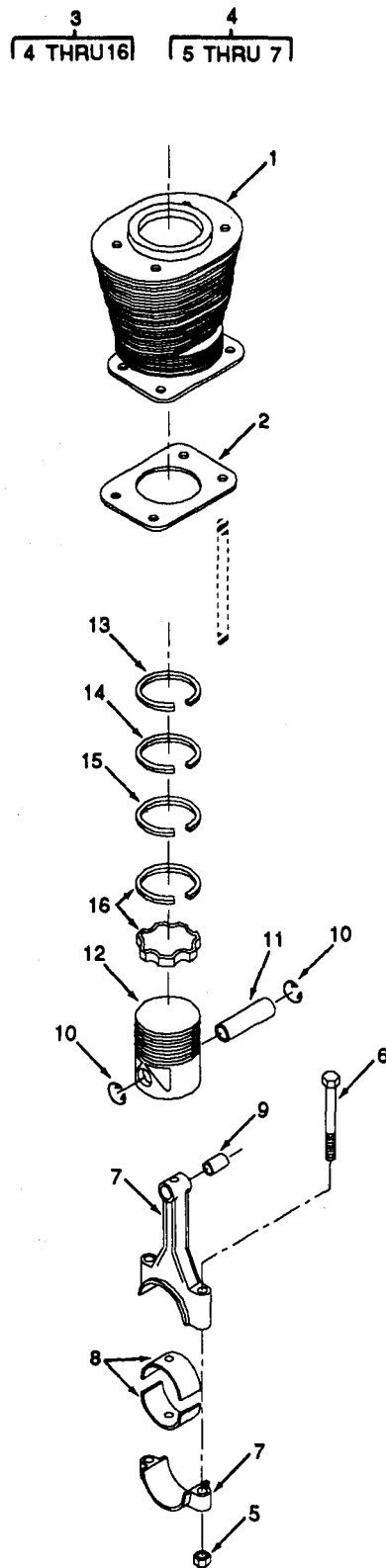


Figure 26. Piston, Connecting Rod, and Cylinder

**TM 9-2805-259-24P  
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**SECTION II**

(1) ITEM NO.	(2) SMR CODE				(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE	(6) QTY	(7) USMC AND EQUIP
	a. ARMY	b. AIR FORCE	c. NAVY	d. USMC					
							GROUP 27 PISTON AND CONNECTING ROD ASSEMBLY GROUP 28 CYLINDERS		
							FIG. 26 PISTON, CONNECTING ROD, AND CYLINDER		
1	PAHZZ	PAHZZ		PAFZZ	97403	13206E0631	CYLINDER, ENGINE	4	
2	PAHZZ	PAHZZ		PAHZZ	97403	13206E0634	GASKET: CYLINDER TO CRANKCASE (PART OF KIT, P/N 13214E8195)	4	
3	PAHZZ	PAHZZ		PAHZZ	97403	13206E0640	PISTON AND CONNECTING ROD ASSEMBLY	4	
4	PAHZZ	PAHZZ	---	PAHZZ	97403	13206E0650	.ROD AND CAP ASSEMBLY	1	
5	PAHZZ	PAHZZ	---	PAHZZ	97403	13214E9578-1	NUT, SELF-LOCKING, CONNECTING ROD BOLT	2	
6	PAHZZ	PAHZZ	---	PAHZZ	97403	13206E0653	BOLT, SHOULDER	2	
7	PAHZZ	PAHZZ	---	PAHZZ	97403	13214E9579	CONNECTING ROD/CAP	1	
8	PAHZZ	PAHZZ	---	PAHZZ	96906	MS13836-1	.BEARING HALF SLEEVE UOC A,B,C	2	
9	PAHZZ	PAHZZ	---	PAHZZ	96906	MS13963-1	.BEARING, SLEEVE: PISTON PIN UOC: A,B,C	4	
10	PAHZZ	PAHZZ	---	PAHZZ	96906	MS13962-1	.RING, RETAINING: PISTON PIN	2	
11	PAHZZ	PAHZZ	---	PAHZZ	66289	DE72	.PIN, PISTON	1	
12	PAHZZ	PAHZZ	---	PAHZZ	97403	13206E0641	.PISTON, INTERNAL: D SIZE WITHOUT RINGS	1	
13	KFHZZ	KFHZZ	---	KFFZZ	97403	13206E0643	.SPACER, RING: TOP COMPRESSION (PART OF KIT, P/N 13214E8207)	1	
14	KFHZZ	KFHZZ	---	KFHZZ	97403	13222E6728-1	.RING, PISTON: TOP COMPRESSION (PART OF KIT, P/N 13214E8207)	1	
15	KFHZZ	KFHZZ	---	KFHZZ	97403	13222E67291	.RING, PISTON: INTERMEDIATE COMPRESSION (PART OF KIT, P/N 13214E8207)	1	
16	KFHZZ	KFHZZ	---	KFHZZ	97403	13222E6730-1	.RING, PISTON: OIL ASSEMBLY (PART OF KIT, PIN 13214E8207)	1	
	PAHZZ	PAHZZ	---	PAHZZ	97403	13214E8207	KIT, PISTON RINGS SPACER (1) 26-13 RING (1) 26-14 RING (1) 26-15 RING (1) 26-16	V	

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)		
ITEM NO.	SMR CODE				PART NUMBER	DESCRIPTION AND USABLE ON CODE	USMC QTY/ EQUIP	
	a.	b.	c.	d.				
	ARMY	AIR FORCE	NAVY	USMC	CAGEC			
	PAOZZ	PAOZZ		PAOZZ	97403	13214E8195	KIT, ENGINE GASKET OVERHAUL	V
							GASKET (1) 2-11	
							GASKET (1) 3-3	
							GASKET (1) 3-17	
							GASKET (1) 4-7	
							GROMMET (1) 5-5	
							GROMMET (4) 5-6	
							GASKET (1) 9-17	
							GASKET (1) 12-11	
							GASKET (1) 17-25	
							GASKET (4) 18-5	
							SEAT (4) 18-8	
							GASKET (1) 19-15	
							GASKET (1) 19-19	
							GASKET (4) 20-2	
							GASKSET (4) 21-3	
							GROMMET (1) 22-12	
							GASKET (1) 24-6	
							GASKET (1) 24-12	
							GASKET (1) 24-16	
							SEAL (1) 24-17	
							PACKING (8) 25-19	
							PACKING (16) 25-25	
							GASKET (4) 26-2	

END OF FIGURE



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SECTION II

9  
10 THRU 26

15  
16 THRU 18

19  
20 THRU 24

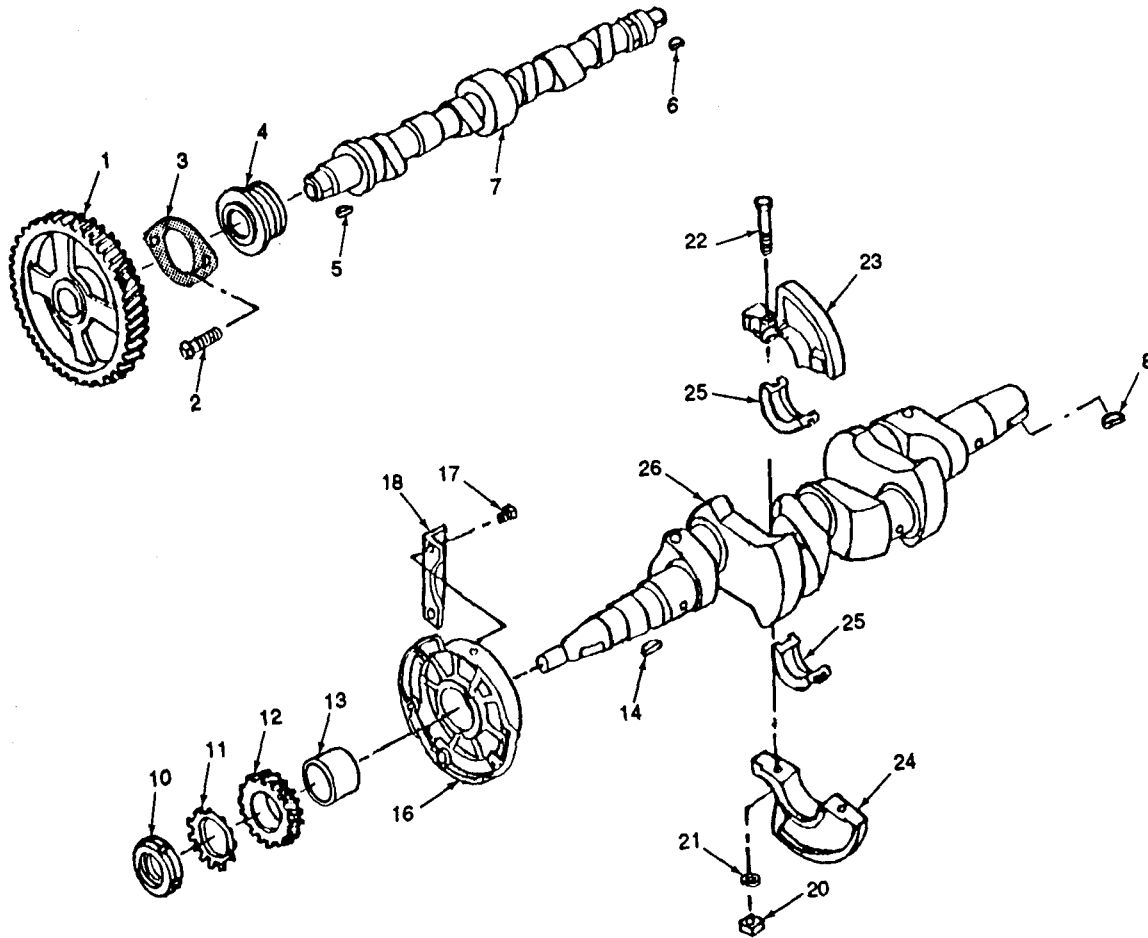


Figure 27. Camshaft and Crankshaft Assemblies



SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
							GROUP 29 CAMSHAFT ASSEMBLY GROUP 30 CRANKSHAFT ASSEMBLY		
							FIG. 27 CAMSHAFT AND CRANKSHAFT ASSEMBLIES		
1	PAHZZ	PAHZZ		PAHZZ	97403	13206E0575	GEAR, HELICAL	1	
2	XBHZZ	XBHZZ		XBHZZ	97403	13218E0504-67	SCREW, ASSEMBLED: CAMSHAFT BEARING RETAINER TO CRANKCASE		
3	XDHZZ	XDHZZ		XDHZZ]	97403	13206E0574	PLATE, SPACER: CAMSHAFT BEARING	2	
4	PAHZZ	PAHZZ		PAFZZ	97403	13206E0573	BEARING, SLEEVE	1	
5	PAHZZ	PAHZZ		PAHZZ	96906	MS35756-6	KEY, WOODRUFF: CAMSHAFT GEAR TO CAMSHAFT	1	
6	PAHZZ	PAHZZ		PAHZZ	96906	MS35756-5	KEY, WOODRUFF: OIL PUMP DRIVE GEAR TO CAMSHAFT LOCKING	1	
7	PAHZZ	PAHZZ		PAFZZ	97403	13206E1041	CAMSHAFT, ENGINE	1	
8	PAFZZ	PAFZZ		PAFZZ	96906	MS35756-34	KEY, WOODRUFF: FAN ASSEMBLY TO CRANKSHAFT LOCKING	1	
9	PAHZZ	PAHZZ		PAFZZ	97403	13206E1050	CRANKSHAFT ASSEMBLY	1	
10	PAFZZ	PAFZZ		PAFZZ	97403	MS51968-20	NUT, PLAIN, HEXAGON: GEAR TO CRANKSHAFT	1	
11	PAFZZ	PAFZZ		PAFZZ	96906	MS172285	WASHER, LOCK: GEAR TO CRANKSHAFT	1	
12	PAHZZ	PAHZZ		PAHZZ	97403	13206E0626	GEAR, HELICAL	1	
13	PAHZZ	PAHZZ		PAHZZ	97403	13206E0534	BEARING, SLEEVE	1	
14	PAFZZ	PAFZZ		PAFZZ	96906	MS35756-34	KEY, WOODRUFF: GEAR TO CRANKSHAFT LOCKING	1	
15	PAHZZ	PAHZZ		PAHZZ	97403	13206E0620	DIAPHRAGM, MAIN BEARING FRONT	1	
16	XAFZZ	XAFZZ		XAFZZ	97403	13206E0621	DIAPHRAGM, MAIN	1	
17	PAFZZ	PAFZZ		PAFZZ	96906	MS21318-41	SCREW, DRIVE: DIPSTICK GUARD TO DIAPHRAGM	2	
18	XDFZZ	XDFZZ		XXDFZZ	97403	13206E0624	GUARD, DIP STICK	11	
19	PAHZZ	PAHZZ		PAHZZ	97403	13206E1060	DIAPHRAGM ASSEMBLY: CENTER MAIN BEARING	1	
20	PAHZZ	PAHZZ		PAHZZ	96906	MS27040-10	NUT, PLAIN, SQUARE: UPPER TO LOWER DIAPHRAGM	2	
21	PAHZZ	PAHZZ		PAHZZ	96906	MS35338-44	WASHER, LOCK: MAIN BEARING, DIAPHRAGM BOLT	2	
22	PAHZZ	PAHZZ		PAFZZ	97403	13206E1066	BOLT: MAIN BEARING DIAPHRAGM	2	
23	XAHZZ	XAHZZ		XAFZZ	97403	13206E1061	DIAPHRAGM, UPPER	1	
24	XAHZZ	XAHZZ		XAFZZ	97403	13206E1064	DIAPHRAGM, LOWER	1	
25	PAHZZ	PAHZZ		PAFZZ	96906	MS13826-1	BEARING HALF, SLEEVE: CENTER MAIN DIAPHRAGM TO CRANKSHAFT	2	
26	PAHHH	PAHHH		PAFHH	97403	13206E1051	CRANKSHAFT, ENGINE	1	

END OF FIGURE

SECTION II

8  
9 THRU 19

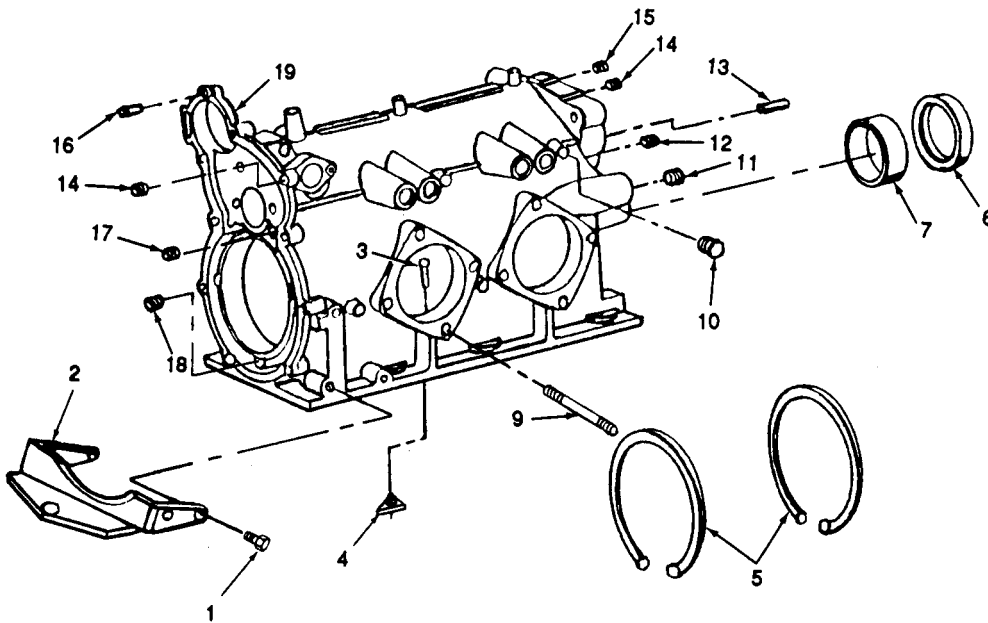


Figure 28. Crankcase and Seal

SECTION II

(1)	(2)				(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE				CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODE	QTY	USMC QTY/ EQUIP
	a.	b.	c.	d.					
	ARMY	AIR FORCE	NAVY	USMC					
GROUP 31 CRANKCASE GROUP 32 SEAL									
FIG. 28 CRANKCASE AND SEAL									
1	PAOZZ	PAOZZ		PAOZZ	96906	MS90725-33	BOLT, MACHINE FRONT ENGINE MTG	4	
2	PAFZZ	PAFZZ		PAFZZ	97403	13216E3830	ENGINE MOUNT, FRONT	1	
3	XBHZZ	XBHZZ		XBHZZ	97403	13206E0905	PIN, STRAIGHT, HEADED CENTER DIAPHRAGM	1	
4	XBHZZ	XBHZZ		XBHZZ	97403	13206E1044	RING, RETAINING DIAPHRAGM LOCATING PIN TO CRANKCASE	1	
5	XDFZZ	XDFZZ		XDFZZ	96906	MS16631-3475	RING, RETAINING: CRANKCASE TO CENTER MAIN, DIAPHRAGM	2	
6	KFFZZ	KFFZZ		KFFZZ	97403	13206E0545	SEAL, PLAIN ENCASED: CRANKSHAFT, REAR	1	
7	PAHZZ	PAHZZ		PAHZZ	97403	13206E0534	(PART OF KIT, P/N 13214E8212) BEARING, SLEEVE FRONT AND REAR	1	
8	XDHHH	XDHHH		XDFHH	97403	13206E1030	CRANKCASE ASSEMBLY	1	
9	PAFZZ	PAFZZ		PAFZZ	97493	13206E0547	STUD, STEPPED: CRANKCASE TO CYLINDER AND CYLINDER HEAD	16	
10	PAHZZ	PAHZZ		PAHZZ	96906	MS49005-4	PLUG, PIPE CRANKCASE BREATHER ACCESS HOLE	1	
11	PAFZZ	PAFZZ		PAFZZ	96906	MS35914-113	INSERT, SCREWTHREAD: CRANKCASE TO FAN HOUSING SCREW	6	
12	PAFZZ	PAFZZ		PAFZZ	97403	13206E0009	PLUG, PIPE: CRANKCASE TAPPET OIL CROSSOVER, GALLEY ACCESS	1	
13	XBFZZ	XBFZZ		XBFZZ	96906	MS17300-036	STUD, PLAIN: OIL PUMP COVER MTG	7	
14	PAFZZ	PAFZZ		PAFZZ	96906	MS27769-2	PLUG, PIPE: CRANKCASE, MAIN OIL GALLEY ACCESS	2	
15	PAFZZ	PAFZZ		PAFZZ	97403	13206E0009	PLUG, PIPE: CRANKCASE	3	
16	XBHZZ	XBHZZ		XBFZZ	96906	MS16555-347	PIN, STRAIGHT: CRANKCASE TO GEAR COVER	1	
17	PAFZZ	PAFZZ		PAFZZ	96906	MS27769-3	PLUG, PIPE: CRANKCASE	1	
18	PAHZZ	PAHZZ		PAFZZ	97403	13206E0535	INSERT, SCREWTHREAD: CRANKCASE TO GEAR COVER SCREW	8	
19	XAHZZ	XAHZZ		XAFZZ	97403	13206E1031	CRANKCASE	1	
	PAFZZ	PAFZZ		PAFZZ	97403	13214E8212	KIT, OIL SEAL	V	
							SEAL (1) 23-4		
							SEAL (1) 23-16		
							SEAL (1) 28-6		

END OF FIGURE



SECTION IV

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
2805-00-010-0188	5	25	5330-00-073-3053	17	25
2805-00-010-0191	5	13	3040-00-073-3054	17	3
2805-00-010-0192	5	15	5360-00-073-3057	5	14
4730-00-011-6452	19	20	5310-00-080-6004	15	3
5310-00-014-5850	5	16		12	8
5307-00-017-8326	28	9	5310-00-081-4219	19	13
2990-00-017-8327	7	3	5310-00-087-0057	17	18
2805-00-017-8330	26	1	5330-00-087-3612	1	2
5310-00-017-8422	25	2	5310-00-087-7493	13	2
3040-00-017-8674	27	12	2805-00-102-9677	20	13
3020-00-017-8675	27	1	2805-00-103-5307	20	7
5310-00-017-8919	18	7	2805-00-103-5309	5	3
3120-00-017-8921	27	13	2805-00-103-5310	20	6
	28	7	2805-00-103-5312	5	17
5330-00-017-8923	9	19	2805-00-103-5331	5	26
2990-00-017-8924	9	13	5355-00-106-1804	17	1
5330-00-017-8927	20	2	2805-00-110-3472	17	19
5305-00-017-9085	17	11	2805-00-124-0581	18	4
	19	17	3040-00-126-8225	23	6
	23	19	5310-00-167-0835	5	10
5306-00-018-7263	20	1		20	11
5305-00-022-8323	5	18	5325-00-174-9038	5	5
	22	7	6685-00-179-8632	2	6
5305-00-042-4218	7	2	4730-00-186-7797	1	3
5306-00-042-5828	2	9	4730-00-189-3017	19	16
5310-00-043-0520	9	14	2805-00-191-0269	10	10
5315-00-043-1787	27	14	5310-00-209-0786	23	12
	27	8	5310-00-209-3671	25	3
5310-00-045-3296	10	6	2805-00-221-8649	23	21
5310-00-045-5207	10	2	5310-00-223-3318	9	11
5310-00-045-5216	17	15	5340-00-225-2953	9	6
5320-00-051-8609	17	20	5306-00-225-8498	10	9
5307-00-053-1053	25	17		28	1
4730-00-063-7919	2	5		5	24
5330-00-066-2494	18	5	5306-00-226-4831	15	4
5340-00-073-3012	28	18	5306-00-226-4843	3	2
2805-00-073-3017	26	4	5325-00-245-8429	5	7
5306-00-073-3018	26	6	2805-00-251-2115	20	5
2805-00-073-3020	26		5330-00-251-2117	12	11
5330-00-073-3023	21	3	5305-00-253-5622	27	17
2805-00-073-3024	25	24		23	14
2805-00-073-3026	25	23	5325-00-263-6632	22	12
3120-00-073-3030	27	4	5305-00-269-3211	18	3
5330-00-073-3033	23	18	5305-00-269-3218	12	10
2805-00-073-3035	9	20	5305-00-269-3219	12	9
5330-00-073-3036	3	7	4730-00-278-0158	8	3
5330-00-073-3038	3	17		17	9
	4	5	4730-00-278-2965	28	17
5330-00-073-3041	24	16	4730-00-278-3462	20	14
6680-00-073-3046	9	1		28	14
5310-00-073-3048	18	8	5920-00-280-4007	16	7
5330-00-073-3049	19	15	4730-00-288-9953	8	5
2805-00-073-3052	17	12	4730-00-289-1930	19	10
	17	16	5310-00-298-2747	3	15

**TM 9-2805-25924P  
TO 38G249-54  
SL-4-03524C**

**SECTION IV**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5305-00-363-3976	5	2	5310-00-763-8905	27	10
5305-00-363-3976	24	3		22	3
	10	7	5360-00-781-4292	19	7
	27	2	2920-00-781-4300	12	12
5365-00-374-9707	26	10	2805-00-784-3686	25	26
3120-00-374-9710	26	9	4730-00-789-0951	9	21
5305-00-405-1694	23	10	4330-00-789-0983	24	11
	24	1	5365-00-807-7305	12	13
5310-00-407-9566	15	2		13	8
5305-00-411-3778	17	1		25	4
5305-00-411-8109	24	4	5365-00-803-7313	5	22
2805-00-431-6493	20	4	5310-00-809-4058	4	7
5305-00-432-4173	22	10		3	16
5325-00-455-4907	5	6	2920-00-810-7083	14	1
2805-00-455-9187	5	23	6620-00-814-4770	8	4
5340-00-461-4269	5	8	5310-00-823-8803	22	4
5307-00-462-8659	20	12	5310-00-829-9981	13	1
5305-00-470-3321	9	4	2940-00-832-6054	4	2
	13	4	5340-00-837-9408	23	1
	16	3	5315-00-839-2325	10	1
5310-00-480-6025	17	21	2990-00-849-2096	17	
2940-00-486-8126	2	13	2805-00-851-6783	25	18
5310-00-514-6674	19	12	5330-00-851-6785	28	
4730-00-540-2612	17	10	2805-00-865-6320	24	10
4720-00-542-4668	9	22	2805-00-867-8743	27	15
5310-00-543-5933	16	4	2805-00-867-8748	27	19
2805-00-554-9818	26	11	2805-00-867-8752	26	3
3020-00-570-2904	17	26	3120-00-867-8754	26	8
2990-00-570-2935	18	11	3120-00-867-8750	27	25
4710-00-570-2958	17	8	2805-00-867-8757	25	6
2805-00-570-3042	26	12	5360-00-867-8788	17	14
3120-00-570-3203	17	4	5310-00-867-8802	25	5
5330-00-570-3224	26	2	5365-00-867-8808	3	8
5310-00-576-5752	17	2	4820-00-867-8811	3	11
2940-00-580-6302	3	9	2805-00-867-8815	24	8
5310-00-582-5965	27	21	5330-00-867-8817	24	6
	23	20	4730-00-867-8818	9	24
	5	9	2805-00-867-8819	9	9
	9	15	2805-00-867-8820	19	5
	20	10	2805-00-867-8826	17	27
5310-00-596-7691	19	2	4820-00-867-8829	3	12
	9	3	2940-00-867-8830	2	4
5315-00-616-5514	27	5	5340-00-868-0865	24	9
5315-00-616-5515	27	6	4710-00-868-0867	9	25
5310-00-637-9541	18	2	3020-00-868-0889	9	18
	12	7	2805-00-873-4028	25	1
	13	3	2805-00-875-8110	18	10
2805-00-715-6549	2	12	2940-00-876-2213	2	7
5310-00-726-7690	27	11	5310-00-980-5978	16	5
5310-00-730-4425	10	3	5310-00-880-7744	15	1
5310-00-732-0558	18	1	5310-00-880-7746	19	11
5310-00-732-0558	12	6	2920-00-882-3401	15	5
5340-00-738-1100	22	9	2940-00-884-4691	2	8
5330-00-752-7750	3	3	5340-00-888-4807	28	11
5330-00-756-1673	19	19	2805-00-890-9896	16	6
2805-00-758-6646	21	2	2910-00-890-9897	10	4
2805-00-758-6647	18	9	5930-00-890-9899	11	5
2930-00-760-5466	7	1	2805-00-890-9901	11	2
2990-00-763-1292	11	3	5310-00-893-9914	12	14
2805-00-763-5776	6	2		13	9

**TM 9-2805-259-24P  
TO 38G2-89-54  
SL-4-03524C**

**SECTION IV**

<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
5365-00-898-2081	24	13	2920-00-999-6887	12	15
2910-00-905-9792	1	1		13	10
4720-00-906-8939	2	2	4730-01-005-7253	20	3
4730-00-908-3193	18	6	5307-01-010-5866	3	18
4730-00-908-6292	11	1	5305-01-101-2011	23	11
4730-00-909-8627	2	1	4730-01-140-6706	8	6
5340-00-912-3114	19	6	2805-01-140-6714	9	7
2805-00-913-9751	25	11	2805-01-160-1264	5	1
5310-00-9174-624	26	5	2910-01-181-8315	19	
	25	7	4730-01-198-8624	4	4
2805-00-9216221	23	9	9515-01-222-1429	25	22
2805-00-9214222	23	8	2805-01-253-0351	25	20
5330-00-921-6224	24	14	2920-01-258-6519	14	
4730-00-921-6229	9	10	2920-01-260-0630	14	
2805-00-922-6351	25	14	2920-01-263-3566	13	5
2805-00-922-7734	25	12	2920-01-264-2105	4	3
4730-00-922-7889	9	23	2920-01-266-0812	14	3
3120-00-925-8007	25	8	2920-01-286-1908	14	4
5360-00-926-1768	25	13	5305-01-303-5622	21	1
4710-00-927-3909	9	8	5305-01-320-2002	23	7
2805-00-927-3910	28	2			
2805-00-927-3911	5	19			
5995-00-927-4210	22	11			
2805-00-928-2238	24	2			
2805-00-928-2240	27	7			
2805-00-928-2244	23	2			
3040-00-930-6244	25	9			
5310-00-934-9751	17	5			
	10	5			
5310-00-934-9758	9	2			
	19	1			
2805-00-937-0944	25				
5306-00-941-6479	6	1			
4730-00-954-1281	28	10			
2990-00-961-3692	22	1			
4710-00-963-5471	19	9			
4730-00-964-7548	28	15			
	28	12			
5330-00-965-0719	25	19			
2920-00-966-9126	22	8			
3020-00-966-9127	22	5			
2910-00-966-9135	19				
5390-00-966-9167	8	1			
2920-00-966-9169	16	2			
2805-00-967-1473	25				
2805-00-967-3309	25				
5310-00-971-7989	20	9			
5305-00-974-3781	5	20			
5310-00-975-2075	9	26			
5310-00-982-4938	27	20			
5310-00-982-4968	4	6			
5305-00-984-6208	9	5			
	19	3			
5305-00-988-1725	16	1			
5360-00-988-9433	17	7			
2805-00-988-9434	27	26			
4720-00-989-3282	8	2			
5340-00-990-7610	22	6			
2910-00-999-3228	10	8			

**TM 9-2805-259-24P  
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SECTION IV

**CROSS-REFERENCE INDEXES  
PART NUMBER INDEX**

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
88044	AN901-5C	5310-00-223-3318	9	11
88044	AN911-1	4730-00-186-7797	1	3
88044	AN932-2	4730-00-278-3462	20	14
88044	AN960-416L	5310-00-167-0835	5	10
88044	AN960-416L	5310-00-167-0835	20	11
66289	DE72	2805-00-554-9818	26	11
74465	D11048A		17	7
00818	F7288	2805-00-890-9896	16	6
96906	MS13826-1	3120-00-867-8750	27	25
96906	MS13836-1	3120-00-867-8754	26	8
96906	MS13962-1	5365-00-374-9707	26	10
96908	MS13963-1	3120-00-374-9710	26	9
96906	MS15795-807	5310-00-880-5978	16	5
96908	MS15795-908	5310-00-045-5207	10	2
96906	MS15795-916	5310-00-045-5216	17	15
96906	MS16555-347		28	16
96906	MS16624-1062	5365-00-803-7305	12	13
96906	MS16624-1062	5365-00-803-7305	13	8
96906	MS16624-1062	5365-00-803-7305	25	4
96906	MS166243031	5365-00-803-7313	5	22
96906	MS166313475		28	5
96906	MS172285	5310-00-726-7690	27	11
96906	MS17300-036		28	13
96906	MS17300-061	5307-00-053-1053	25	17
96906	MS17300-71		3	18
96906	MS17301-011		20	15
96906	MS20500428	5310-00-298-2747	3	15
96906	MS20604B4T2		11	4
96906	MS20613-6P5	5320-00-051-8609	17	20
96906	MS2023-3B	4730-00-189-3017	19	16
96906	MS21045C4	5310-00-982-4988	4	6
96906	MS21318-41	5305-00-253-5622	23	14
96906	MS21318-41	5305-00-253-5622	27	17
96906	MS21333-66	5340-00-990-7610	22	6
96906	MS24538-1	6620-00-814-4770	8	4
96906	MS24585-494	2805-00-867-8826	17	27
96906	MS24665-132	5315-00-839-2325	10	1
96906	MS25178-14	5340-00-837-9408	23	1
96906	MS27040-10	5310-00-982-4938	27	20
96906	MS27183-10	5310-00-809-4058	4	7
96906	MS27183-10	5310-00-809-4058	3	16
96906	MS27183-12	5310-00-081-4219	19	13
96906	MS27183-13	5310-00-087-7493	13	2
96906	MS27183-14	5310-00-804-6004	12	8
96906	MS27183-14	5310-00-806-4004	15	3
96906	MS27183-2	5310-00-487-0057	17	18
96906	MS27183-21	5310-00-823-8803	22	4
96906	MS27183-42	5310-00-014-5850	5	16
96906	MS27769-2	4730-00-278-3462	28	14
96906	MS27769-3	4730-00-278-2965	28	17
96906	MS35206-261	5305-00-984-4208	9	5
96906	MS35206-261	5305-00-984-6208	19	3
96906	MS35206-281	5305-00-988-1725	16	1
96906	MS35333-39	5310-00-576-5752	17	2
96906	MS35333-73	5310-00-543-5933	16	4

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SECTION IV  
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CAGEC	PART NUMBER	FIG.	ITEM
96906	MS35335-32	5310-00-596-7691	9 3
96906	MS35335-32	5310-00-596-7691	19 2
96906	MS35335-33	5310-00-209-0786	23 12
96906	MS35335-34	5310-00-514-6674	19 12
96906	MS35338-43	5310-00-045-3296	10 6
96906	MS35338-44	5310-00-582-5965	23 20
96906	MS35338-44	5310-00-582-5965	20 10
96906	MS35338-44	5310-00-582-5965	9 15
96906	MS35338-44	5310-00-582-5965	27 21
96906	MS35338-44	5310-00-582-5965	5 9
96906	MS35338-45	5310-00-407-9566	15 2
96906	MS35338-46	5310-00-637-9541	18 2
96906	MS35338-46	5310-00-637-9541	13 3
96906	MS35338-46	5310-00-637-9541	12 7
96906	MS35489-20	5325-00-174-9038	5 5
96906	MS35489-6	5325-00-263-6632	22 12
96906	MS35649-202	5310-00-934-9758	9 2
96906	MS35649-202	5310-00-934-9758	19 1
96906	MS35649-2312	5310-00-829-9981	13 1
96906	MS35649-2312	5310-00-829-9981	15 1
96906	MS35650-302	5310-00-934-9751	17 5
96906	MS35650-302	5310-00-934-9751	10 5
96906	MS35650-3252	5310-00-043-0520	9 14
96906	MS35691-21	5310-00-975-2075	9 26
96906	MS35691-5	5310-00-971-7989	20 9
96906	MS35756-34	5315-00-043-1787	27 14
96906	MS35756-34	5315-00-043-1787	27 8
96906	MS35756-5	5315-00-616-5515	27 6
96906	MS35756-6	5315-00-616-5514	27 5
96906	MS35769-4	5330-00-752-7750	3 3
96906	MS35802		3 10
96906	MS35802-1	2940-00-580-6302	3 9
96906	MS35842-12	4730-00-908-3193	18 6
96906	MS35842-13	4730-00-909-8627	2 1
96906	MS35842-14	4730-00-908-6292	11 1
96906	MS35844-83	5365-00-898-2081	24 13
96906	MS35910-1		14 2
96906	MS35914-113	5340-00-888-4807	28 11
96906	MS39326-26	4730-01-005-7253	20 3
81343	MS39326-8	4730-00-063-7919	2 5
96906	MS49005-4	4730-00-954-1281	28 10
96906	MS51009-3	2920-00-810-7083	14 1
96906	MS51017-23		17 17
96906	MS51086-1	2910-00-905-9792	1 1
96906	MS51091-4	5330-00-087-3612	1 2
96906	MS51849-74	5305-00-470-3321	9 4
96906	MS51849-74	5305-00-470-3321	13 4
96906	MS51849-74	5305-00-470-3321	16 3
96906	MS51849-99	5305-01-101-2011	23 11
96906	MS51861-15	5305-00-432-4173	22 10
96906	MS51967-8	5310-00-732-0558	12 6
96906	MS51967-8	5310-00-732-0558	18 1
96906	MS51968-20	5310-00-763-8905	27 10
96906	MS51968-20	5310-00-763-8905	22 3
96906	MS51968-5	5310-00-880-7746	19 11
96906	MS53013-1	2920-00-882-3401	15 5
96906	MS9068-111	5330-00-965-0719	25 19
96906	MS9068-211		25 25
96906	MS90725-33	5306-00-225-8498	28 1
96906	MS90725-33	5306-00-225-8498	10 9

SECTION IV

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS90725-33	5306-00-225-8498	5	24
96906	MS90725-38	5306-00-226-4831	15	4
96906	MS90725-60	5305-00-269-3211	18	3
96906	MS90725-68	5305-00-269-3218	12	10
96906	MS90725-69	5305-00-269-3219	12	9
96906	MS90728-41	5306-00-226-4843	3	2
81343	SAEJ512	4730-00-011-6452	19	20
71400	SFE14	5920-00-280-4007	16	7
77260	SN1575		17	7
82796	10-001-818		12	1
82796	10-011-679		12	3
82796	10-013-235		12	5
82796	10-014-096		12	2
82796	10-102-498		12	4
19207	10947213-2	5305-00-405-1694	23	10
19207	10947213-2	5305-00-405-1694	24	1
97403	13206E0009	4730-00-964-7548	28	15
97403	13206E0009	4730-00-964-7548	28	12
97403	13206E0141		9	12
97403	13206E0160		3	1
97403	13206E0165		3	5
97403	13206E0166		3	6
97403	13206E0167	5330-00-073-3036	3	7
97403	13206E0168	5365-00-867-8808	3	8
97403	13206E0171		3	14
97403	13206E0172		3	13
97403	13206E0173	4820-00-867-8829	3	12
97403	13206E0174	4820-00-867-8811	3	11
97403	13206E0177	5330-00-073-3038	4	5
97403	13206E0177	5330-00-073-3038	3	17
97403	13206E0184	5330-00-073-3053	17	25
97403	13206E0401	5330-00-756-1673	19	19
97403	13206E0487		17	22
97403	13206E0534	3120-00-017-8921	28	7
97403	13206E0534	3120-00-017-8921	27	13
97403	13206E0535	5340-00-073-3012	28	18
97403	13206E0536	2805-00-073-3035	9	20
97403	13206E0537	5307-00-462-8659	20	12
97403	13206E0538	2805-00-124-0581	18	4
97403	13206E0539	2990-00-570-2935	18	11
97403	13206E0541	2930-00-760-5466	7	1
97403	13206E0544	5330-00-867-8817	24	6
97403	13206E0545		28	6
97493	13206E0547	5307-00-017-8326	28	9
97403	13206E0549	4710-00-868-0867	9	25
97403	13206E0560	4710-00-927-3909	9	8
97403	13206E0573	3120-00-073-3030	27	4
97403	13206E0574		27	3
97403	13206E0575	3020-00-017-8675	27	1
97403	13206E0580	2805-00-784-3686	25	26
97403	13206E0581	2990-00-017-8327	7	3
97403	13206E0582	5330-00-073-3033	23	18
97403	13206E0593		23	16
97403	13206E0596	2805-01-140-6714	9	7
97403	13206E0597	5340-00-225-2953	9	6
97403	13206E0598	3040-00-126-8225	23	6
97403	13206E0599		23	5
97403	13206E0600	2805-00-928-2244	23	2
97403	13206E0601		23	3
97403	13206E0602		23	4

SECTION IV				
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
97403	13206E0604	2805-00-921-6221	23	9
97403	13206E0605	2805-00-921-6222	23	8
97403	13206E0607		2	11
97403	13206E0620	2805-00-867-8743	27	15
97403	13206E0621		27	16
97403	13206E0624		27	18
97403	13206E0626	3040-00-017-8674	27	12
97403	13206E0631	2805-00-017-8330	26	1
97403	13206E0632	5995-00-927-4210	22	11
97403	13206E0634	5330-00-570-3224	26	2
97403	13206E0640	2805-00-867-8752	26	3
97403	13206E0641	2805-00-570-3042	26	12
97403	13206E0642	5330-00-066-2494	18	5
97403	13206E0643		26	13
97403	13206E0650	2805-00-073-3017	26	4
97403	13206E0653	5306-00-073-3018	26	6
97403	13206E0660		25	10
97403	13206E0661	2805-00-913-9751	25	11
97403	13206E0662	2805-01-253-0351	25	20
97403	13206E0665	4730-00-789-0951	9	21
97403	13206E0667	2805-00-073-3024	25	24
97403	13206E0669	2805-00-922-7734	25	12
97403	13206E0670		25	21
97403	13206E0677		25	15
97403	13206E0678		25	16
97403	13206E0679	5360-00-926-1768	25	13
97403	13206E0680-1	2805-00-073-3026	25	23
97403	13206E0685	5330-00-073-3023	21	3
97403	13206E0686	2805-00-758-6646	21	2
97403	13206E0687	2805-00-191-0269	10	10
97403	13206E0700	2805-00-867-8757	25	6
97403	13206E0702	2805-00-922-6351	25	14
97403	13206E0705	2805-00-875-8110	18	10
97403	13206E0707	2920-00-966-9126	22	8
97403	13206E0708	5310-00-017-8422	25	2
97403	13206E0711		24	5
97403	13206E0712	2940-00-486-8126	2	13
97403	13206E0715	5330-00-017-8923	9	19
97403	13206E0716	3020-00-868-0889	9	18
97403	13206E0717		9	17
97403	13206E0718		9	16
97403	13206E0719	2805-00-010-0191	5	13
97403	13206E0726	2990-00-017-8924	9	13
97403	13206E0728	4730-00-921-6229	9	10
97403	13206E0731	2805-00-715-6549	2	12
97403	13206E0732	2910-00-890-9897	10	4
97403	13206E0734		24	17
97403	13206E0740	5340-00-738-1100	22	9
97403	13206E0750	4330-00-789-0983	24	11
97403	13206E0754		24	12
97403	13206E0755	2805-00-865-6320	24	10
97403	13206E0756	5340-00-868-0865	24	9
97403	13206E0757	2805-00-867-8815	24	8
97403	13206E0758		24	7
97403	13206E0760	6680-00-073-3046	9	1
97403	13206E0770-2	4720-00-989-3282	8	2
97403	13206E0780	4710-00-570-2958	17	8
97403	13206E0792	3020-00-570-2904	17	26
97403	13206E0800	3040-00-073-3054	17	3
97403	13206E0801		17	6

SECTION IV

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
97403	13206E0809	2910-00-999-3228	10	8
97403	13206E0810	3120-00-570-3203	17	4
97403	13206E0813	2920-00-966-9169	16	2
97403	13206E0820	6685-00-179-8632	2	6
97403	13206E0845	2805-00-010-0192	5	15
97403	13206E0848	5360-00-073-3057	5	14
97403	13206E0863		20	8
97403	13206E0898	2805-00-927-3911	5	19
97403	13206E0900	2920-00-999-6887	13	10
97403	13206E0900	2920-00-999-6887	12	15
97403	13206E0902	5310-00-893-9914	13	9
97403	13206E0902	5310-00-893-9914	12	14
97403	13206E0903	5340-00-912-3114	19	6
97403	13206E0904	5305-00-411-3778	17	1
97403	13206E0905		28	3
97403	13206E0941	5325-00-455-4907	5	6
97403	13206E0964	5310-00-073-3048	18	8
97403	13206E0981	3020-00-966-9127	22	5
97403	13206E0982	2805-00-103-5331	5	26
97403	13206E0990	2805-00-763-5776	6	2
97403	13206E1030		28	8
97403	13206E1031		28	19
97403	13206E1041	2805-00-928-2240	27	7
97403	13206E1044		28	4
97403	13206E1050		27	9
97403	13206E1051	2805-00-988-9434	27	26
97403	13206E1060	2805-00-867-8748	27	19
97403	13206E1061		27	23
97403	13206E1064		27	24
97403	13206E1066		27	22
97403	13206E1080	2805-00-928-2238	24	2
97403	13206E1081		24	15
97403	13206E1083	5330-00-073-3041	24	16
97403	13206E1090	4710-00-963-5471	19	9
97403	13206E1100	2805-00-102-9677	20	13
97403	13206E1101		20	16
97403	13206E1110	2805-00-251-2115	20	5
97403	13206E1120	2805-00-431-6493	20	4
97403	13206E1130	2805-00-103-5310	20	6
97403	13206E1140	2805-00-103-5307	20	7
97403	13206E1151	5330-00-017-8927	20	2
97403	13206E1152	5330-00-073-3049	19	15
97403	13206E1170-2		19	14
97403	13206E1180	2805-00-867-8820	19	5
97403	13206E1181	5930-00-966-9167	8	1
97403	13206E1184		19	4
97403	13206E1194	2940-00-867-8830	2	4
97403	13206E1250	2940-00-876-2213	2	7
97403	13206E1253	2940-00-884-4691	2	8
97403	13206E1254	4720-00-906-8939	2	2
97403	13206E1310	2805-00-758-6647	18	9
97403	13206E1330	2805-00-103-5309	5	3
97403	13206E1350	2805-00-103-5312	5	17
97403	13206E1355		5	11
97403	13206E1356	5340-00-461-4269	5	8
97403	13206E1357	2805-00-890-9901	11	2
97403	13206E1363	2805-00-010-0188	5	25
97403	13206E1364		5	21
97403	13206E1365	2805-00-455-9187	5	23
97403	13206E1405	5355-00-106-1804	17	13

SECTION IV

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
97403	13206E1409	5360-00-867-8788	17	14
97403	13206E1421	5310-00-480-6025	17	21
97403	13206E1473	5305-00-017-9085	19	17
97403	13206E1473	5305-00-017-9085	23	19
97403	13206E1473	5305-00-017-9085	17	11
97403	13206E1489	2805-00-073-3052	17	16
97403	13213E3266	5306-00-941-6479	6	1
97403	13213E3271	4720-00-542-4668	9	22
97403	13213E3279	5360-00-781-4292	19	7
97403	13213E3280		19	8
97403	13213E3281	5310-00-730-4425	10	3
97403	13213E3282		17	23
97403	13213E3283	5330-00-921-6224	24	14
97403	13213E3284	2990-00-961-3692	22	1
97403	13213E3287	2805-00-110-3472	17	19
97403	13213E3288	2805-00-073-3052	17	12
97403	13213E3290	5930-00-890-9899	11	5
97403	13213E3292	2990-00-763-1292	11	3
97403	13213E3293	4730-00-867-8818	9	24
97403	13213E3294	5310-00-867-8802	25	5
97403	13213E3296	4730-00-278-0158	8	3
97403	13213E3296	4730-00-278-0158	17	9
97403	13213E3298		17	24
97403	13213E3300	3040-00-930-6244	25	9
97403	13213E3301	2805-00-851-6783	25	18
97403	13213E3302	3120-00-925-8007	25	8
97403	13213E3304	5325-00-245-8429	5	7
97403	13214E8195	2805-00-984-4765	26	
97403	13214E8201	2910-00-966-9135	19	
97403	13214E8207	2805-00-073-3020	26	
97403	13214E8208	2805-00-937-0944	25	
97403	13214E8209	2990-00-849-2096	17	
97403	13214E8212	5330-00-851-6786	28	
97403	13214E8213	2805-00-967-3309	25	
97403	13214E8214	2805-00-967-1473	25	
97403	13214E9578-1	5310-00-917-6624	26	5
97403	13214E9578-1	5310-00-917-6624	25	7
97403	13214E9579		26	7
97403	13215E1717		12	12
97403	13215E3821		5	4
97403	13215E3822	2805-01-160-1264	5	1
97403	13215E3825	2805-00-221-8649	23	
97403	13215E4158	4730-01-140-6706	8	6
97403	13215E4160		23	13
97403	13215E4165	9515-01-222-1429	25	22
97403	13215E4166	5330-00-251-2117	12	11
97403	13215E4167		3	4
97403	13215E4168		3	
97403	13216E3827		23	17
97403	13216E3828	2805-00-873-4028	25	1
97403	13216E3830	2805-00-927-3910	28	2
97403	13216E3831		23	15
97403	13218E0135-12	4730-00-289-1930	19	10
97403	13218E0500-53		5	12
97403	13218E0504-13	5305-00-974-3781	5	20
97403	13218E0504-33	5305-01-320-2002	23	7
97403	13218E0504-58	5305-01-303-5622	21	1
97403	13218E0504-67	5305-00-363-3976	27	2
97403	13218E0504-67	5305-00-363-3976	5	2
97403	13218E0504-67	5305-00-363-3976	24	3

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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
97403	13218ES0447	5305-00-363-3976	10	7
97403	13218E0504 96	5305-00-411-8109	24	4
97403	13222E672I-1		26	14
97403	13222E6729-1		26	15
97403	13222E6730-1		26	16
97403	13226E6169	2910-01-181-8315	19	
97403	13226E6170		19	18
97403	13226E6189	2940-00-832-6054	4	2
97403	13226E6190		4	1
97403	13226E6191	2940-01-264-2105	4	3
97403	13226E6193	4730-01-198-8624	4	4
97403	13227E9891-1	2920-01-266-0812	14	3
97403	13227E9891-2	2920-01-286-1908	14	4
97403	13227E9892		13	6
97403	13228E2015-1	2920-01-260-0630	14	
97403	13228E2015-2	2920-01-258-6519	14	5
97403	13228E2016	2920-01-263-3566	13	5
97403	13229E9196		2	10
24617	137405	4730-00-540-2612	17	10
19207	187263	5306-00-018-7263	20	1
43999	2W1-24-2492	5310-00-209-3671	25	3
F2697	2-0441-N674-70		13	7
19207	228323	5305-00-022-8323	22	7
19207	228323	5305-00-022-8323	5	18
79470	234X5	4730-00-288-9953	8	5
13160	272848	4730-00-922-7889	9	23
7V942	2A0424002		15	19
7V942	2A0420003		15	23
7V942	2A0424004		15	18
7V942	2A0424006		15	13
7V942	2A042-0061		15	6
7V942	2A0420007		15	17
7N942	2A0424001		15	12
7V942	2A042009		15	16
7V942	2A042-0010		15	15
7V942	2A0420011		15	14
7V942	ZA042-0012		15	11
7V942	2A042-0013		15	8
7V942	2A042-0014		15	10
7V942	2A042-0015		15	9
N942	2A042-0016		15	7
7VN942	2A042-0017		15	21
7V942	2A042-0018		15	22
7VN942	2A0420019		15	20
19207	424218	5305-00-042-4218	7	2
19207	425825		2	3
21450	425828	5306-00-042-5828	2	9
88408	56842		17	7
81321	9301373	2805-00-867-8819	9	9
97403	9786E121-1		22	2
97403	9786E50-1	5310-00-017-8919	18	7

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SECTION IV

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
1	1	2910-00-905-9792	96906	MS51086-1
1	2	5330-00-087-3612	96906	MS51091-4
1	3	4730-00-186-7797	88044	AN911-1
2	1	4730-00-909-8627	96906	MS35842-13
2	2	4720-00-906-8939	97403	13206E1254
2	3		19207	425825
2	4	2940-00-867-8830	97403	13206E1194
2	5	4730-00-063-7919	81343	MS39326-8
2	6	6685-00-179-8632	97403	13206E0820
2	7	2940-00-876-2213	97403	13206E1250
2	8	2940-00-884-4691	97403	13206E1253
2	9	5306-00-042-5828	21450	425828
2	10		97403	13229E9195
2	11		97403	13206E0607
2	12	2805-00-715-6549	97403	13206E0731
2	13	2940-00-486-8126	97403	13206E0712
3	1		97403	13206E0160
3	2	5306-00-226-4843	96906	MS90728-41
3	3	5330-00-752-7750	96906	MS35769-4
3	4		97403	13215E4167
3	5		97403	13206E0165
3	6		97403	13206E0166
3	7	5330-00-073-3036	97403	13206E0167
3	8	5365-00-867-8808	97403	13206E0168
3	9	2940-00-580-6302	96906	MS35802-1
3	10		96906	MS35802
3	11	4820-00-867-8811	97403	13206E0174
3	12	4820-00-867-8829	97403	13206E0173
3	13		97403	13206E0172
3	14		97403	13206E0171
3	15	5310-00-298-2747	96906	MS20500-428
3	16	5310-00-809-4058	96906	MS27183-10
3	17	5330-00-073-3038	97403	13206E0177
3	18	5307-01-010-5866	96906	MS17300-111
3			97403	13215E4168
4	1		97403	13226E6190
4	2	2940-00-832-6054	97403	13226E6189
4	3	2940-01-264-2105	97403	13226E6191
4	4	4730-01-198-8624	97403	13226E6193
4	5	5330-00-073-3038	97403	13206E0177
4	6	5310-00-982-4988	96906	MS21045C4
4	7	5310-00-809-4058	96906	MS27183-10
5	1	2805-01-160-1264	97403	13215E3822
5	2	5305-00-363-3976	97403	13218E0504-67
5	3	2805-00-103-5309	97403	13206E1330
5	4		97403	13215E3821
5	5	5325-00-174-9038	96906	MS35489-20
5	6	5325-00-455-4907	97403	13206E0941
5	7	5325-00-245-8429	97403	13213E3304
5	8	5340-00-461-4269	97403	13206E1356

SECTION IV  
 FIG.

ITEM	STOCK NUMBER	CAGEC	PART NUMBER
5	9	5310-00-582-5965	96906 MS35338-44
5	10	5310-00-167-0835	88044 AN960-416L
5	11		97403 13206E1355
5	12		97403 13218E0500-53
5	13	2805-00-010-0191	97403 13206E0719
5	14	5360-00-073-3057	97403 13206E0848
5	15	2805-00-010-0192	97403 13206E0845
5	16	5310-00-014-5850	96906 MS27183-42
5	17	2805-00-103-5312	97403 13206E1350
5	18	5305-00-022-8323	19207 228323
5	19	2805-00-927-3911	97403 13206E0898
5	20	5305-00-974-3781	97403 13218E0504-13
5	21		97403 13206E1364
5	22	5365-00-803-7313	96906 MS16624-3031
5	23	2805-00-455-9187	97403 13206E1365
5	24	5306-00-225-8498	96906 MS90725-33
5	25	2805-00-010-0188	97403 13206E1363
5	26	2805-00-103-5331	97403 13206E0982
6	1	5306-00-941-6479	97403 13213E3266
6	2	2805-00-763-5776	97403 13206E0990
7	1	2930-00-760-5466	97403 13206E0541
7	2	5305-00-042-4218	19207 424218
7	3	2990-00-017-8327	97403 13206E0581
8	1	5390-00-966-9167	97403 13206E1181
8	2	4720-00-989-3282	97403 13206E0770-2
8	3	4730-00-278-0158	97403 13213E3296
8	4	6620-00-814-4770	96906 MS24538-1
8	5	4730-00-288-9953	97403 234X5
8	6	4730-01-140-6706	97403 13215E4158
9	1	6680-00-073-3046	97403 13206E0760
9	2	5310-00-934-9758	96906 MS35649-202
9	3	5310-00-596-7691	96906 MS35335-32
9	4	5305-00-470-3321	96906 MS51849-74
9	5	5305-00-984-6208	96906 MS35206-261
9	6	5340-00-225-2953	97403 13206E0597
9	7	2805-01-140-6714	97403 13206E0596
9	8	4710-00-927-3909	97403 13206E0560
9	9	2805-00-867-8819	81321 9301373
9	10	4730-00-921-6229	97403 13206E0728
9	11	5310-00-223-3318	88044 AN901-5C
9	12		97403 13206E0141
9	13	2990-00-017-8924	97403 13206E0726
9	14	5310-00-043-0520	96906 MS35650-3252
9	15	5310-00-582-5965	9690 MS35338-44
9	16		97403 13206E0718
9	17		97403 13206E0717
9	18	3020-00-868-0889	97403 13206E0716
9	19	5330-00-017-8923	97403 13206E0715
9	20	2805-00-073-3035	97403 13206E0536
9	21	4730-00-789-0951	97403 13206E0665
9	22	4720-00-542-4668	97403 13213E3271
9	23	4730-00-922-7889	13160 272846
9	24	4730-00-867-8818	97403 13213E3293
9	25	4710-00-868-0867	97403 13206E0549
9	26	5310-00-975-2075	96906 MS35691-21



**TM 9-2805-259-24P  
TO 38G2-89-54  
SL-4-03524C**

**SECTION IV**

<b>FIG.</b>	<b>ITEM</b>	<b>STOCK NUMBER</b>	<b>CAGEC</b>	<b>PART NUMBER</b>
10	1	5315-00-839-2325	96906	MS24665-132
10	2	5310-00-045-5207	96906	MS15795-908
10	3	5310-00-730-4425	73287	13213E3281
10	4	2910-00-890-9897	97403	13206E0732
10	5	5310-00-934-9751	96906	MS35650-302
10	6	5310-00-045-3296	96906	MS35338-43
10	7	5305-00-363-3976	97403	13218E0504-67
10	8	2910-00-999-3228	97403	13206E0809
10	9	5306-00-225-8498	96906	MS90725-33
10	10	2805-00-191-0269	97403	13206E0687
11	1	4730-00-908-6292	96906	MS35842-14
11	2	2805-00-890-9901	97403	13206E1357
11	3	2990-00-763-1292	97403	13213E3292
11	4		96906	MS20604B4T2
11	5	5930-00-890-9899	97403	13213E3290
12	1		82796	10-001-818
12	2		82796	10-014-096
12	3		82796	10-011679
12	4		82796	10-102498
12	5		82796	10-013-235
12	6	5310-00-732-0558	96906	MS51967-8
12	7	5310-00-637-9541	96906	MS35338-46
12	8	5310-00-080-6004	96906	MS27183-14
12	9	5305-00-269-3219	96906	MS90725-69
12	10	5305-00-269-3218	96906	MS90725-68
12	11	5330-00-251-2117	97403	13215E4166
12	12		97403	13215E1717
12	13	5365-00-803-7305	96906	MS16624-1062
12	14	5310-00-893-9914	97403	13206E0902
12	15	2920-00-999-6887	97403	13206E0900
13	1	5310-00-829-9981	96906	MS35649-2312
13	2	5310-00-087-7493	96906	MS27183-13
13	3	5310-00-637-9541	96906	MS35338-46
13	4	5305-00-470-3321	96906	MS51849-74
13	5	2920-01-263-3566	97403	13228E2016
13	6		97403	13227E9892
13	7		F2697	2-041-N674-70
13	8	5365-00-803-7305	96906	MS16624-1062
13	9	5310-00-893-9914	97403	13206E0902
13	10	2920-00-999-6887	97403	13206E0900
14	1	2920-00-810-7083	96906	MS51009-3
14	2		96906	MS35910-1
14	3	2920-01-266-0812	97403	13227E9891-1
14	4	2920-01-286-1908	97403	13227E9891-2
14		2920-01-260-0630	97403	13228E2015-1
14		2920-01-258-6519	97403	13228E2015-2
15	1	5310-00-880-7744	96906	MS35649-2312
15	2	5310-00-407-9566	96006	MS35338-45
15	3	5310-00-080-6004	96906	MS27183-14
15	4	5306-00-226-4831	96906	MS80725-38
15	5	2920-00-882-3401	96908	MS53013-1
15	6		7V642	2AG424006
15	7		7V942	2A0424016
15	8		7V942	2A0424013
15	9		7V942	2A0424015
15	10		7V942	2A0424014

SECTION IV FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
15	11		7V942	2A042-0012
15	12		7V942	2A042-0008
15	13		7V942	2A042-0005
15	14		7V942	2A042-0011
15	15		7V942	2A042-0010
15	16		7V942	2A042-0009
15	17		7V942	2A042-0007
15	18		7V942	2A042-0004
15	19		7V942	2A042-0002
15	20		7V942	2A042-0019
15	21		7V942	2A042-0017
15	22		7V942	2A042-0018
15	23		7V942	2A042-0003
16	1	5305-00-988-1725	96906	MS35206-281
16	2	2920-00-966-9169	97403	13206E0813
16	3	5305-00-470-3321	96906	MS51849-74
16	4	5310-00-543-5933	96906	MS35333-73
16	5	5310-00-880-5978	96906	MS15795-807
16	6	2805-00-890-9896	00818	F7288
16	7	5920-00-280-4007	71400	SFE14
17	1	5305-00-411-3778	97403	13206E0904
17	2	5310-00-576-5752	96906	MS35333-39
17	3	3040-00-073-3054	97403	13206E0800
17	4	3120-00-570-3203	97403	13206E0810
17	5	5310-00-934-9751	96906	MS35650-302
17	6		97403	13206E0801
17	7		88408	56842
17	7		77260	SN1575
17	7	5360-00-988-9433	74465	D110-48A
17	8	4710-00-570-2958	97403	13206E0780
17	9	4730-00-278-0158	97403	13213E3296
17	10	4730-00-540-2612	24617	137405
17	11	5305-00-017-9085	97403	13206E1473
17	12	2805-00-073-3052	97403	13213E3288
17	13	5355-00-106-1804	97403	13206E1405
17	14	5360-00-867-8788	87403	13206E1409
17	15	5310-00-045-5216	96906	MS15795-916
17	16	2805-00-073-3052	97403	13206E1489
17	17		96906	MS51017-23
17	18	5310-00-087-0057	96906	MS27183-2
17	19	2805-00-110-3472	97403	13213E3287
17	20	5320-00-051-8609	96906	MS20613-6P5
17	21	5310-00-480-6025	97403	13206E1421
17	22		97403	13206E0487
17	23		97403	13213E3282
17	24		97403	13213E3298
17	25	5330-00-073-3053	97403	13206E0184
17	26	3020-00-570-2904	97403	13206E0792
17	27	2805-00-867-8826	96906	MS24585-494
17		2990-00-849-2096	97403	13214E8209
18	1	5310-00-732-0558	96906	MS51967-8
18	2	5310-00-637-9541	96906	MS35338-46
18	3	5305-00-269-3211	96906	MS90725-60
18	4	2805-00-124-0581	97403	13206E0538
18	5	5330-00-066-2494	97403	13206E0642
18	6	4730-00-908-3193	96906	MS35842-12
18	7	5310-00-017-8919	97403	9786E50-1

SECTION IV  
 FIG.

ITEM	STOCK NUMBER	CAGEC	PART NUMBER
18	8	5310-00-073-3048	97403 13206E0964
18	9	2805-00-758-6647	97403 13206E1310
18	10	2805-00-875-8110	97403 13206E0705
18	11	2990-00-570-2935	97403 13206E0539
19	1	5310-00-934-9758	96906 MS35649-202
19	2	5310-00-596-7691	96906 MS35335-32
19	3	5305-00-984-6208	96906 MS35206-261
19	4		97403 13206E1184
19	5	2805-00-867-8820	97403 13206E1180
19	6	5340-00-912-3114	97403 13206E0903
19	7	5360-00-781-4292	97403 13213E3279
19	8		97403 13213E3280
19	9	4710-00-963-5471	97403 13206E1090
19	10	4730-00-289-1930	19207 13218E0135-12
19	11	5310-00-880-7746	96906 MS51968-5
19	12	5310-00-514-6674	96906 MS35335-34
19	13	5310-00-081-4219	96906 MS27183-12
19	14		974003 13206E1170-2
19	15	5330-00-073-3049	97403 13206E1152
19	16	4730-00-189-3017	96906 MS20823-3B
19	17	5305-00-017-9085	97403 13206E1473
19	18		97403 13226E6170
19	19	5330-00-756-1673	97403 13206E0401
19	20	4730-00-011-6452	81343 SAEJ512
19		2910-00-966-9135	97403 13214E8201
19		2910-01-181-8315	97403 13226E6169
20	1	5306-00-018-7263	19207 187263
20	2	5330-00-017-8927	97403 13206E1151
20	3	4730-01-005-7253	96906 MS39326-26
20	4	2805-00-431-6493	97403 13206E1120
20	5	2805-00-251-2115	97403 13206E1110
20	6	2805-00-103-5310	97403 13206E1130
20	7	2805-00-103-5307	97403 13206E1140
20	8		97403 13206E0863
20	9	5310-00-971-7989	96906 MS35691-5
20	10	5310-00-582-5965	96906 MS35338-44
20	11	5310-00-167-0835	88044 AN960-416L
20	12	5307-00-462-8659	97403 13206E0537
20	13	2805-00-102-9677	97403 13206E1100
20	14	4730-00-278-3462	88044 AN932-2
20	15		96906 MS17301-011
20	16		97403 13206E1101
21	1	5305-01-303-5622	97403 13218E0504-58
21	2	2805-00-758-6646	97403 13206E0686
21	3	5330-00-073-3023	97403 13206E0685
22	1	2990-00-961-3692	97403 13213E3284
22	2		97403 9786E121-1
22	3	5310-00-763-8905	96906 MS51968-20
22	4	5310-00-823-8803	96906 MS27183-21
22	5	3020-00-966-9127	97403 13206E0981
22	6	5340-00-990-7610	96906 MS21333-66
22	7	5305-00-022-8323	19207 228323
22	8	2920-00-966-9126	97403 13206E0707
22	9	5340-00-738-1100	97403 13206E0740
22	10	5305-00-432-4173	96906 MS51861-15
22	11	5995-00-927-4210	97403 13206E0632

SECTION IV FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
22	12	5325-00-263-6632	96906	MS35489-6
23	1	5340-00-837-9408	96906	MS25178-14
23	2	2805-00-928-2244	97403	13206E0600
23	3		97403	13206E0601
23	4		97403	13206E0602
23	5		97403	13206E0599
23	6	3040-00-126-8225	97403	13206E0598
23	7	5305-01-320-2002	97403	13218E0504-33
23	8	2805-00-921-6222	97403	13206E0605
23	9	2805-00-921-6221	97403	13206E0604
23	10	5305-00-405-1694	19207	10947213-2
23	11	5305-01-101-2011	96906	MS51849-99
23	12	5310-00-209-0786	96906	MS35335-33
23	13		97403	13215E4160
23	14	5305-00-253-5622	96906	MS21318-41
23	15		97403	13216E3831
23	16		97403	13206E0593
23	17		97403	13216E3827
23	18	5330-00-073-3033	97403	13206E0582
23	19	5305-00-017-9085	97403	13206E1473
23	20	5310-00-582-5965	96906	MS35338-44
23		2805-00-221-8649	97403	13215E3825
24	1	5305-00-405-1694	19207	10947213-2
24	2	2805-00-928-2238	97403	13206E1080
24	3	5305-00-363-3976	97403	13218E0504-67
24	4	5305-00-411-8109	97403	13218E0504-74
24	5		97403	13206E0711
24	6	5330-00-867-8817	97403	13206E0544
24	7		97403	13206E0758
24	8	2805-00-867-8815	97403	13206E0757
24	9	5340-00-868-0865	97403	13206E0756
24	10	2805-00-865-6320	97403	13206E0755
24	11	4330-00-789-0983	97403	13206E0750
24	12		97403	13206E0754
24	13	5365-00-898-2081	96906	MS35844-83
24	14	5330-00-921-6224	97403	13213E3283
24	15		97403	13206E1081
24	16	5330-00-073-3041	97403	13206E1083
24	17		97403	13206E0734
25	1	2805-00-873-4028	97403	13216E3828
25	2	5310-00-017-8422	97403	13206E0708
25	3	5310-00-209-3671	43999	2W1-24-24-92
25	4	5365-00-803-7305	96906	MS16624-1062
25	5	5310-00-867-8802	97403	13213E3294
25	6	2805-00-867-8757	97403	13206E0700
25	7	5310-00-917-6624	97403	13214E9578-1
25	8	3120-00-925-8007	97403	13213E3302
25	9	3040-00-930-6244	97403	13213E3300
25	10		97403	13206E0660
25	11	2805-00-913-9751	97403	13206E0661
25	12	2805-00-922-7734	7403	13206E0669
25	13	5360-00-926-1768	97403	13206E0679
25	14	2805-00-922-6351	97403	13206E0702
25	15		97403	13206E0677
25	16		97403	13206E0678
25	17	5307-00-053-1053	96906	MS17300-061
25	18	2805-00-851-6783	97403	13213E3301

## SECTION IV

FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
25	19	5330-00-965-0719	96906	MS9068-111
25	20	2805-01-253-0351	97403	13206E0662
25	21		97403	13206E0670
25	22	9515-01-222-1429	97403	13215E4165
25	23	2805-00-073-3026	97403	13206E0680-1
25	24	2805-00-073-3024	97403	13206E0667
25	25		96906	MS9068211
25	26	2805-00-784-3686	97403	13206E0580
25		2805-00-937-0944	97403	13214E8208
25		2605-00-967-3309	97403	13214E8213
25		2805-00-967-1473	97403	13214E8214
26	1	2805-00-017-8330	97403	13206E0631
26	2	5330-00-570-3224	97403	13206E0634
26	3	2805-00-867-8752	97403	13206E0640
26	4	2805-00-073-3017	97403	13206E0650
26	5	5310-00-917-6624	97403	13214E9578-1
26	6	5310-00-073-3018	97403	13206E0653
26	7		97403	13214E9579
26	8	3120-00-867-8754	96906	MS13836-1
26	9	3120-00-374-9710	96906	MS13963-1
26	10	5365-00-374-9707	96906	MS13962-1
26	11	2805-00-554-9818	66289	DE72
26	12	2805-00-570-3042	97403	13206E0641
26	13		97403	13206E0643
26	14		97403	13222E6728-1
26	15		97403	13222E6729-1
26	16		97403	13222E6730-1
26		2805-00-073-3020	97403	13214E8207
26		2805-00-984-4765	97403	13214E8195
27	1	3020-00-017-8675	97403	13206E0575
27	2	5305-00-363-3976	97403	13218E0504-67
27	3		97403	13206E0574
27	4	3120-00-073-3030	97403	13206E0573
27	5	5315-00-616-5514	96906	MS357566
27	6	5315-00-616-5515	96906	MS35756-5
27	7	2805-00-928-2240	97403	13206E1041
27	8	5315-00-043-1787	96906	MS35756-34
27	9		97403	13206E1050
27	10	5310-00-763-8905	97403	MS51968-20
27	11	5310-00-726-7690	96906	MS172285
27	12	3040-00-017-8674	97403	13206E0626
27	13	3120-00-017-8921	97403	13206E0534
27	14	5315-00-043-1787	96906	MS35756-34
27	15	2805-00-867-8743	97403	13206E0620
27	16		97403	13206E0621
27	17	5305-00-253-5622	96906	MS21318441
27	18		97403	13206E0624
27	19	2805-00-867-8748	97403	13206E1060
27	20	5310-00-982-4938	96906	MS27040-10
27	21	5310-00-582-5965	96906	MS35338-44
27	22		97403	13206E1066
27	23		97403	13206E1061
27	24		97403	13206E1064
27	25	3120-00-867-8750	96906	MS13826-1
27	26	2805-00-988-9434	97403	13206E1051
28	1	5306-00-225-8498	96906	MS90725-33
28	2	2805-00-927-3910	97403	13216E3830

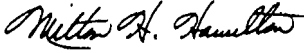
TM9-2805-259-24P  
TO 38G2-89-54  
SL-4-03524C

SECTION IV				
FIG.	ITEM	STOCK NUMBER	CAGEC	PART NUMBER
28	3		97403	13206E0905
28	4		97403	13206E1044
28	5		96906	MS16631-3475
28	6		97403	13206E0545
28	7	3120-00-017-8921	97403	13206E0534
28	8		97403	13206E1030
28	9	5307-00-017-8326	97493	13206E0547
28	10	4730-00-954-1281	96906	MS49005-4
28	11	5340-00-888-4807	96906	MS35914-113
28	12	4730-00-964-7548	97403	13206E0009
28	13		96906	MS17300-036
28	14	4730-00-278-3462	96906	MS27769-2
28	15	4730-00-964-7548	97403	13206E0009
28	16		96906	MS16555-347
28	17	4730-00-278-2965	96906	MS27769-3
28	18	5340-00-073-3012	97403	13206E0535
28	19		97403	13206E1031
28		5330-00-851-6785	97403	13214E8212

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 CDR, 1st Br, 65th ADA  
 ATTN: SP4 J. Brown  
 Key West, FL 33040

DATE SENT  
 10 Jun 79

PUBLICATION NUMBER  
 TM 9-1430-550-34-1

PUBLICATION DATE  
 7 Sep 72 .

PUBLICATION TITLE Unit of Radar Set  
 AN/MPQ-50 Tested at the HFC

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
9-19		9-5	
21-2	step 1C	21-2	

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

"B" Ready Relay K11 is shown with two #9 contacts. That contact which is wired to pin 8 of relay K16 should be changed to contact #10.

Reads: Multimeter B indicates 600 K ohms to 9000 K ohms.

Change to read: Multimeter B indicates 600 K ohms minimum.

Reason: Circuit being checked could measure infinity. Multimeter can read above 9000 K ohms and still be correct.

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SAMPLE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SP4 J.T. Brown, Jr.

SIGN HERE

SP4 James Brown, Jr.

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TM 9-2805-259-24P

PUBLICATION DATE

15 January 1993

PUBLICATION TITLE

Engine, Gasoline,  
20 HP Military Standard Models

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PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO

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DA FORM 2028-2  
1 JUL 79

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DRST&M Overprint 2, 1 Nov 80.

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# 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 decigrams = .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 temperature      5/9 (after subtracting 32)      Celsius temperature      °C

