

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS)**

**PUMPING ASSEMBLY, FLAMMABLE
LIQUID, BULK TRANSFER, GED,
350 GPM CAPACITY, 275 TOTAL HEAD,
WHEEL MOUNTED
NSN 4320-00-600-7590**

Approved for public release; distribution is unlimited.

***This manual supersedes TM 5-4320-273-24P, 18 November 1983, including all changes.**

HEADQUARTERS, DEPARTMENT OF THE ARMY

11 AUGUST 1990

TECHNICAL MANUAL

No. 5-4320-273-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 11 August 1990

**Organizational, Direct Support, and General Support Maintenance
Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools)
for
PUMPING ASSEMBLY, FLAMMABLE LIQUID,
BULK TRANSFER, GED, 350 GPM CAPACITY,
275 TOTAL HEAD, WHEEL MOUNTED
NSN 4320-00-600-7590**

Current as of 6 April, 1990
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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander; U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS)

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 organizational, direct support, and general support maintenance of the Pumping Assembly, Flammable Liquid. 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. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

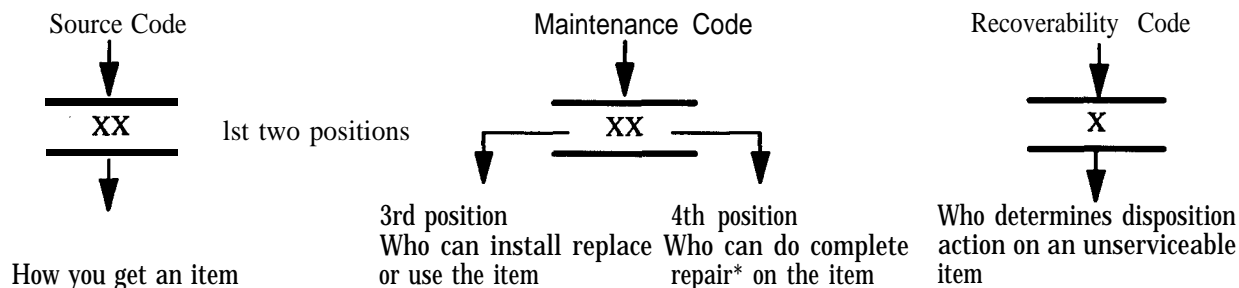
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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, FSCM 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:



*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:

Code	Explanation
<div> PA PB PC** PD PE PF PG </div>	<p>Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR code.</p> <p>**NOTE: Items coded PC are subject to deterioration.</p>
<div> KD KF KB </div>	<p>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 3d position of the SMR code. The complete kit must be requisitioned and applied.</p>
<div> MO — (Made at org AVUM Level) MF — (Made at DS/AVUM Level) MH — (Made at GS Level) ML — (Made at Specialized RepairActivity(SRA)) MD — (Made at Depot) </div>	<p>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 3d 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.</p>

AO - (Assembled by org/AVUM Level)
 AF - (Assembled by DS/AVIM Level)
 AH - (Assembled by GS Category)
 AL - (Assembled by SRA)
 AD - (Assembled by Depot)

Explanation

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 3d 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.

Code	Explanation
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 FSCM 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 FSCM and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

(2) Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the 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.

Code	Application/Explanation
C	- Crew or operator maintenance done within organizational or aviation unit maintenance.
O	- Organizational or aviation unit category can remove, replace, and use the item.
F	- Direct support or aviation intermediate level can remove, replace, and use the item.
H	- General support level can remove, replace, and use the item.
L	- Specialized repair activity can remove, replace, and use the item.
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.

Code	Application/Explanation
O	- Organizational or (aviation unit) is the lowest level that can do complete repair of the item.
F	- Direct support or aviation intermediate is the lowest level that can do complete repair of the item.
H	- General Support is the lowest level that can do complete repair of the item.
L	- Specialized repair activity 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 maybe 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 at organizational or aviation unit level
F	- Repairable item. When uneconomically repairable, condemn and dispose of the item at the direct support or aviation intermediate level
H	- Repairable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	- Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	- Repairable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A	- item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

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

d. PART NUMBER (Column (4)). Indicates the primary number used by the manufacturer, (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When you use 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., Phy Sec Cl - Confidential, Phy Sec Cl (S) - Secret, Phy Sec Cl (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 makeup 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.

$$\begin{array}{c} \text{NSN} \\ \hline \text{NSN i.e. (5305-01-574-1467).} \\ \text{NIIN} \end{array}$$

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

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

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

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

c. FIGURE AND ITEM NUMBER INDEX.

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

(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.

b. ASSOCIATED PUBLICATIONS. The publications listed below pertain to the Pump Assembly and its components.

Publication	Short Title
TM 5-4320-273-14	Pump Assembly, Flammable Liquid
LO 5-4320-273-12	Pump Assembly, Flammable Liquid
TM 5-4320-273-14	Pump Assembly, Flammable Liquid
DMWR 5-4320-273	Pump Assembly, Flammable Liquid

6. HOW TO LOCATE REPAIR PARTS.

a. When National Stock Number or Part Number is NOT known.

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

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

(3) Third. Identify the item on the figure and note the item number.

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

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

b. When National Stock Number or Part Number Is Known:

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

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

7. ABBREVIATIONS.

Abbreviations used in this manual are listed in MIL-STD-12.

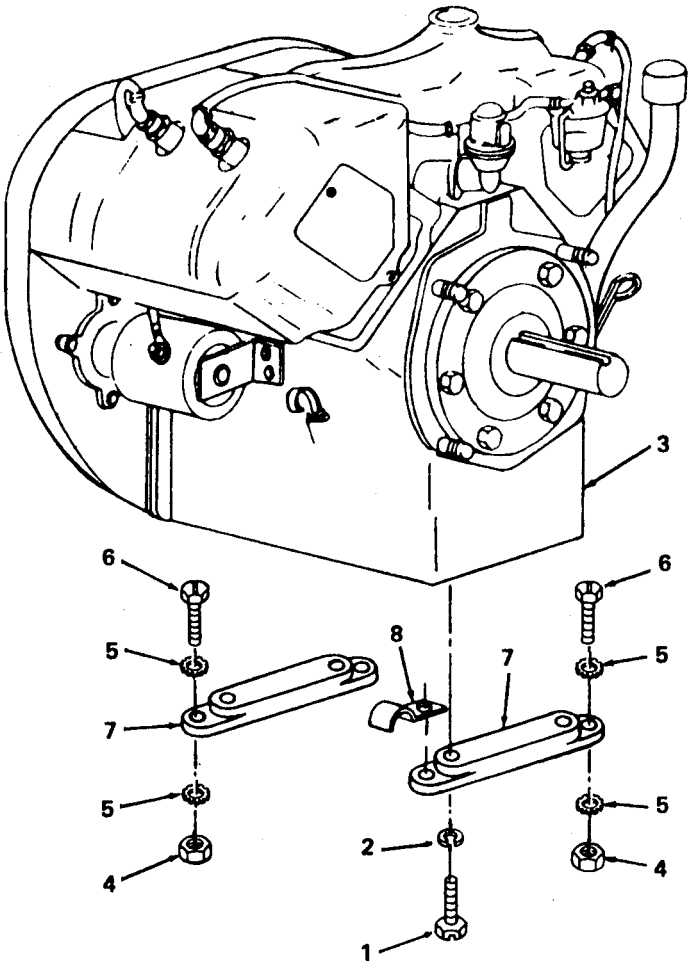


Figure 1. Engine and Supports.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-273-24P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE						
FIG. 1 ENGINE AND SUPPORTS						
1	PAHZZ	96906	MS90725-163		SCREW,CAP,HEXAGON ENGINE SUPPORT MTG	4
2	XDHZZ	96906	MS35338-50		WASHER,LOCK ENGINE SUPPORT MTG	4
3	PBFHZ	66289	MVG4D SPEC387378		ENGINE,GASOLINE WISCONSIN,AIR COOLED,GASOLINE,MODEL MVG4D, SPECIFICATION387378READY TO RUN,36 HORSEPOWER AT 2400 RPM	1
4	PAHZZ	96906	MS51967-20		NUT,PLAIN,HEXAGON ENGINE MTG	4
5	PAFZZ	25567	BL10-15991		WASHER,LOCK ENGINE MTG	8
6	PAFZZ	96906	MS90725-167		SCREW,CAP,HEXAGON ENGINE MTG	4
7	XDFZZ	66289	BK72A		SUPPORT,ENGINE	2
8	XBFZZ	25567	38116-013		STRAP,RETAINING	1
END OF FIGURE						

1
2 THRU 10

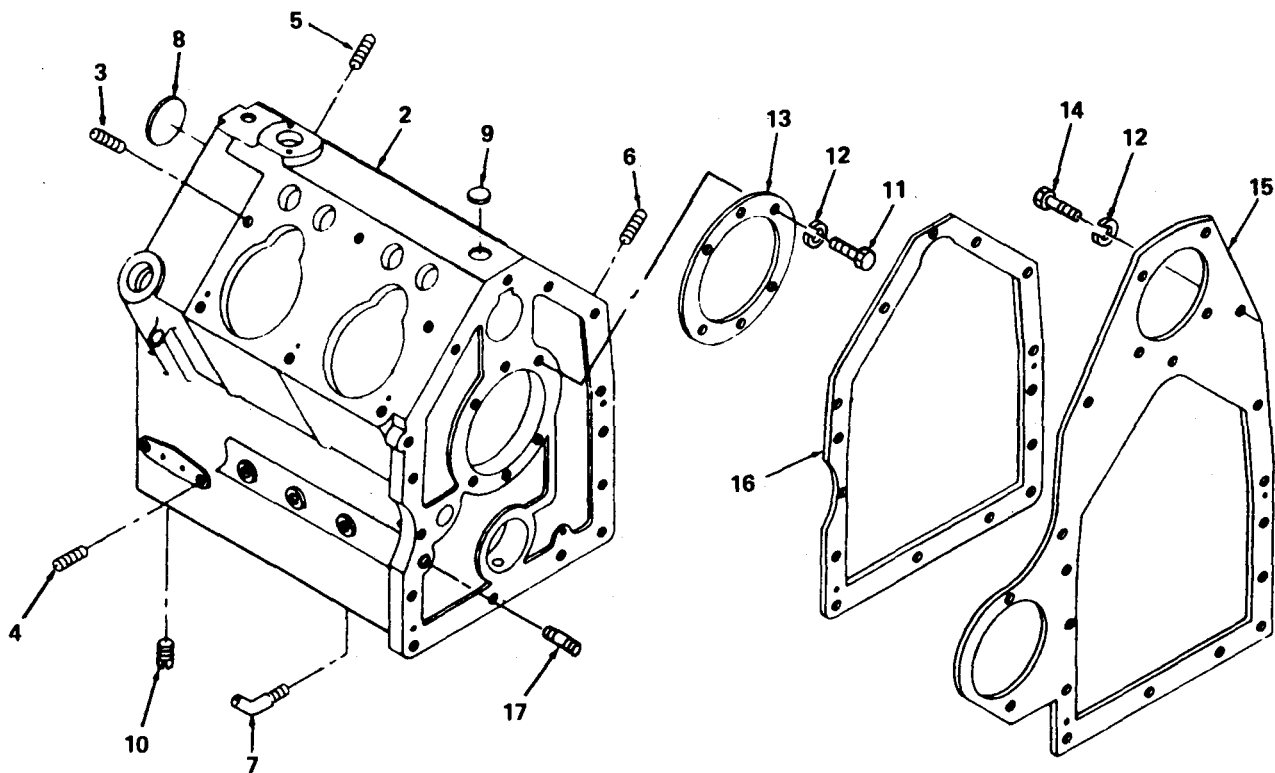


Figure 2. Crankcase Assembly and Related Parts.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01 ENGINE					
FIG. 2 CRANKCASE ASSEMBLY AND RELATED PARTS					
1	XAFHH	66289	BA49AS1	CRANKCASE ASSEMBLY	1
2	XAFHH	66289	BA49A	.CRANKCASE	1
3	PAHZZ	66289	PC435	.STUD,PLAIN	12
4	PAHZZ	66289	PC112	.STUD,PLAIN	2
5	PAOZZ	66289	PC396	.STUD,PLAIN	2
6	XDHZZ	66289	PC111	.STUD,PLAIN	2
7	XDHZZ	66289	RF1121	.NOZZLE,OIL	4
8	PBHZZ	96906	MS35648-10	.PLUG,EXPANSION	1
9	PBHZZ	96906	MS35648-4	.PLUG,EXPANSION	2
10	PAHZZ	66289	PF18	.PLUG,PIPE	8
11	PAHZZ	66289	XD17	BOLT,MACHINE	6
12	XDFZZ	96906	MS35338-45	WASHER,LOCK	12
13	XBHZZ	66289	BG223	PLATE,BEARING	1
14	PAFZZ	96906	MS90728-32	BOLT,MACHINE	8
15	PBHZZ	66289	WE243	SPACER CYLINDEER BLOCK TO GEAR COVER	1
16	KFFZZ	66289	QD633	GASKET CRANKCASE TO SPACER PART OF KIT P/N Q18B	1
17	PAOZZ	81348	WW-P-ACABUB	.PLUG,PIPE	1
END OF FIGURE					

5
6 THRU 8

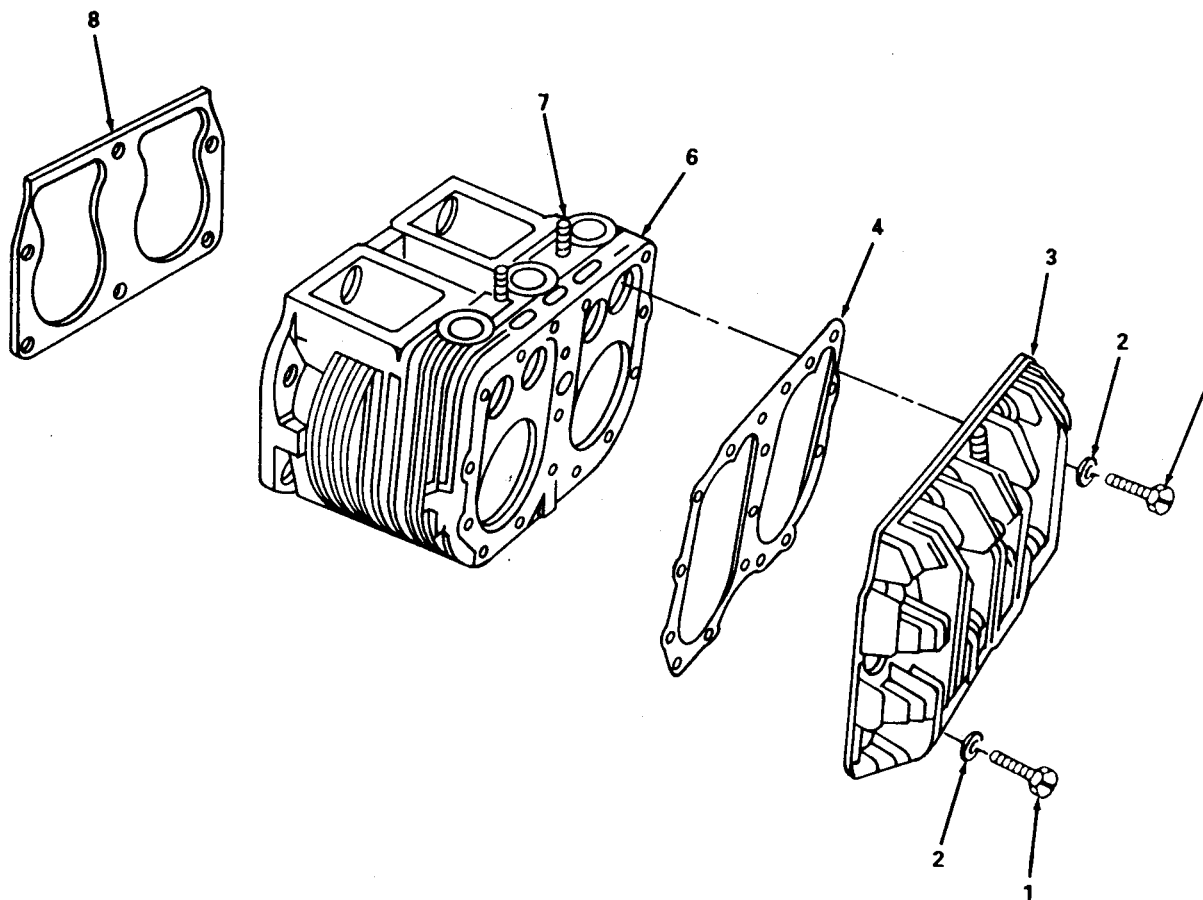


Figure 3. Cylinder Head and Block.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE					
FIG. 3 CYLINDER HEAD AND BLOCK					
1	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H	34
2	PAOZZ	66289	PH22A	WASHER,FLAT HEAD MTG	34
3	PBOZZ	66289	AB97B2S1	CYLINDER HEAD	2
4	KFOZZ	66289	QD631	GASKET CYLINDER HEAD PART OF KIT	2
5	XBFZZ	66289	AA90A2S1	P/N Q18B	
6	XAFZZ	66289	AA90A2	ENGINE BLOCK ASSEMB	2
7	PAHZZ	66289	PC251	.CYLINDER BLOCK	1
8	KFFZZ	66289	QD632A	.STUD,PLAIN MANIFOLD MTG	2
				.GASKET PART OF KIT P/N Q18B	2
END OF FIGURE					

1
2 THRU 6

10
11 THRU 16

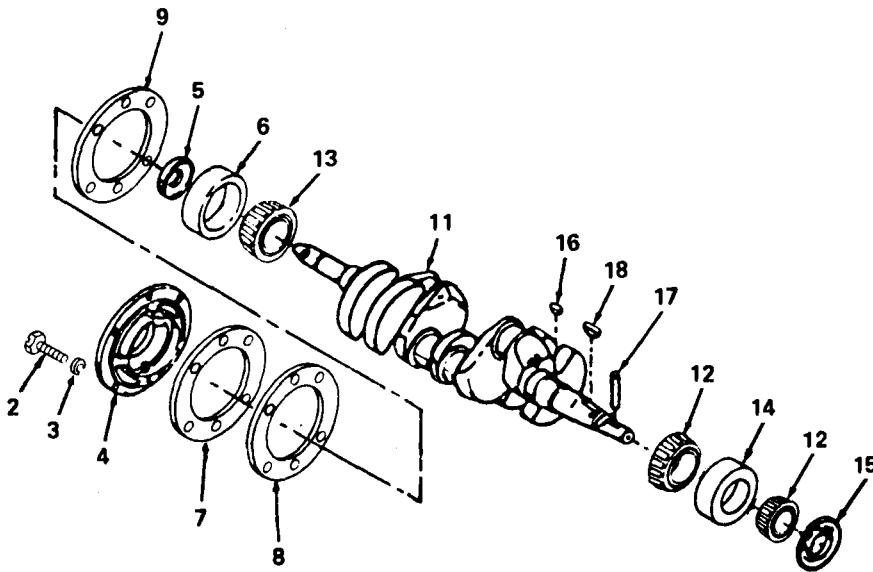


Figure 4. Crankshaft and End Plate Assembly.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE					
FIG. 4 CRANKSHAFT AND END PLATE ASSEMBLY					
1	XBHZZ	66289	BG193AS2	PLATE ASSEMBLY	1
2	PAHZZ	96906	MS35303-62	.SCREW,CAP,HEX HD	6
3	PAOZZ	96906	MS35338-46	.WASHER,LOCK	6
4	XAHZZ	66289	BG193A	.PLATE,BEARING	1
5	PAHZZ	66289	PH202	.SEAL,PLAIN ENCASED	1
6	XAHZZ	66289	ME98-1	.CUP,BEARING	1
7	KFHZZ	66289	QD636A	GASKET BEARING PLATE PART OF KIT P/N Q18B	1
8	PBHZZ	66289	QF67C	SHIM	1
9	PAOZZ	66289	QF91	GASKET	1
9	KFHZZ	66289	QD636B	GASKET BEARING PLATE,TAKE OFF END PART OF KIT P/N Q18B	1
10	XDHZZ	66289	CA69E3S1	CRANKSHAFT ASSEMBLY	1
11	XAHZZ	66289	CA69E3	.CRANKSHAFT	1
12	PAHZZ	66289	ME98	.BEARING,ROLLER,TAPE	2
13	XAHZZ	60038	455S	..ROLLERS,TAPERED	1
14	XAHZZ	60038	453A	..CUP,TAPERED ROLLER	1
15	XAHZZ	66289	RK173	.DEFLECTOR,DIRT AND	1
16	XAHZZ	66289	PL49	.KEY,WOODRUFF	1
17	PBFZZ	96906	MS9047-268	PIN,SPRING	1
18	PAFZZ	66289	PL24	KEY,WOODRUFF	1
END OF FIGURE					

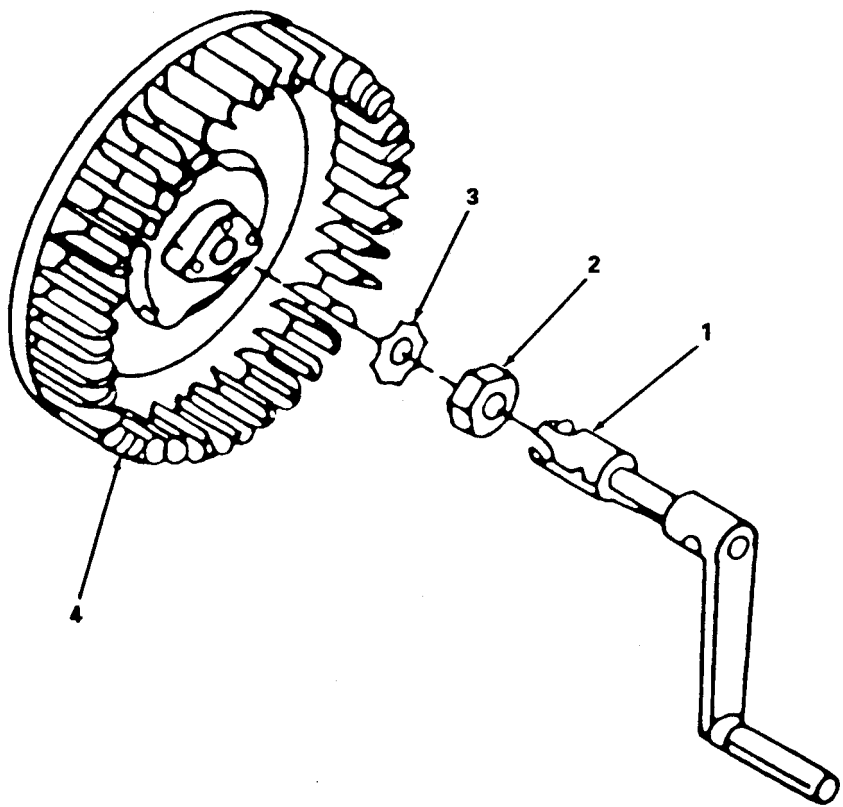


Figure 5. Flywheel and Crank.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE					
FIG. 5 FLYWHEEL AND CRANK					
1	PBOZZ	66289	U226A	CRANK, STARTING	1
2	PAOZZ	96906	MS35649-202	.NUT, PLAIN, HEXAGON	1
2	PAFZZ	96906	MS35691-202	.NUT, PLAIN, HEX	1
3	PAFZZ	66289	PE65-1	WASHER, KEY	1
4	XBFZZ	66289	N100-9	FLYWHEEL, ENGINE	1
END OF FIGURE					

1
2 THRU 3

4
5 THRU 7

8
9 THRU 13

9
10 THRU 11

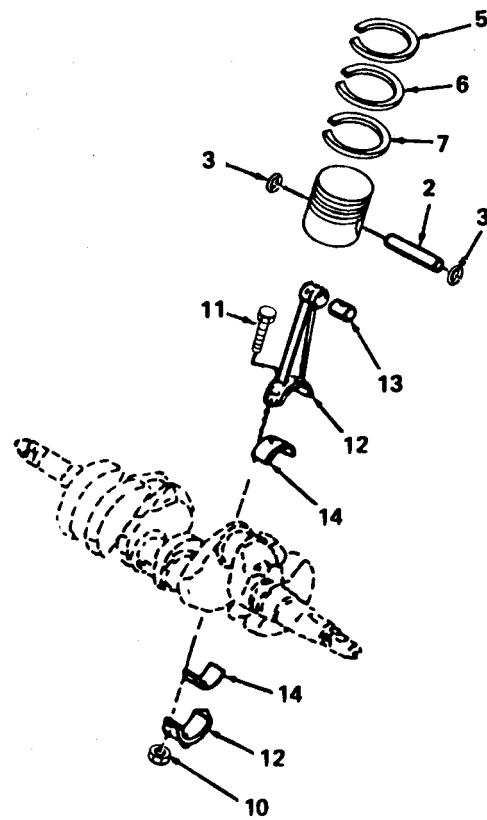


Figure 6. Connecting Rod and Piston Assemblies.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01 ENGINE					
FIG. 6 CONNECTING ROD AND PISTON ASSEMBLIES					
1	PAHZZ	96906	MS13957-1	PISTON ASSEMBLY STANDARD SIZE	4
2	XAHZZ	96906	MS13996-2	.PIN, PISTON	1
3	XAHZZ	96906	MS13962-1	.RING,RETAINING	2
4	PBHZZ	66289	DR25	.RING SET,PISTON	4
5	XDHZZ	96906	MS13933-7	.RING,PISTON COMPRESSION,NO.1	1
5	KFHZZ	53781	ORD-36-W	.RING, PISTON COMPRESSION NO.1	4
6	PAHZZ	96906	MS13932-7	.RING,PISTON COMPRESSION,NO.2	1
6	KFHZZ	53781	ORD-38-W	.RING,PISTON NO. 2 GROOVE PART OF KIT P/N M-8016KX-W	4
7	XDHZZ	96906	MS13931-10	.RING,PISTON OIL,NO.3 AND 4	2
7	KFHZZ	53781	ORD-50-W	.RING,PISTON NO. 3 GROOVE PART OF KIT P/N M-8016KX-W	4
7	KFHZZ	53781	ORD-39-W	.RING,PISTON,OIL NO. 4 GROOVE PART OF KIT P/N M-8016KX-W	4
7	KFHZZ	53781	ORD-40-W	.RING,PISTON,OIL NO. 4 GROOVE PART OF KIT P/N M-8016KX-W	8
8	PBHZZ	66289	DA66B1S1	CONNECTING ROD,PIST	4
9	XDHZZ	66289	PB146-1S1	.BOLT,MACHINE ASSEMBLY	2
10	XDHZZ	66289	PD247	..NUT,PLAIN,HEXAGON	1
11	XDHZZ	66289	PB146-1	..BOLT,SHOULDER	1
12	PAHZZ	66289	DA66B1S1	.CONNECTING ROD,PIST	1
13	PAHZZ	96906	MS13963-1	.BEARING,SLEEVE	4
14	PBHZZ	96906	MS13993-1	BEARING HALF,SLEEVE	2
	PBHZZ	53781	M-8016KX-W	RING SET,PISTON	1
				RING,PISTON (4) 6-6	
				RING,PISTON (4) 6-7	
				RING,PISTON,OIL (4) 6-7	
				RING,PISTON,OIL (8) 6-7	

END OF FIGURE

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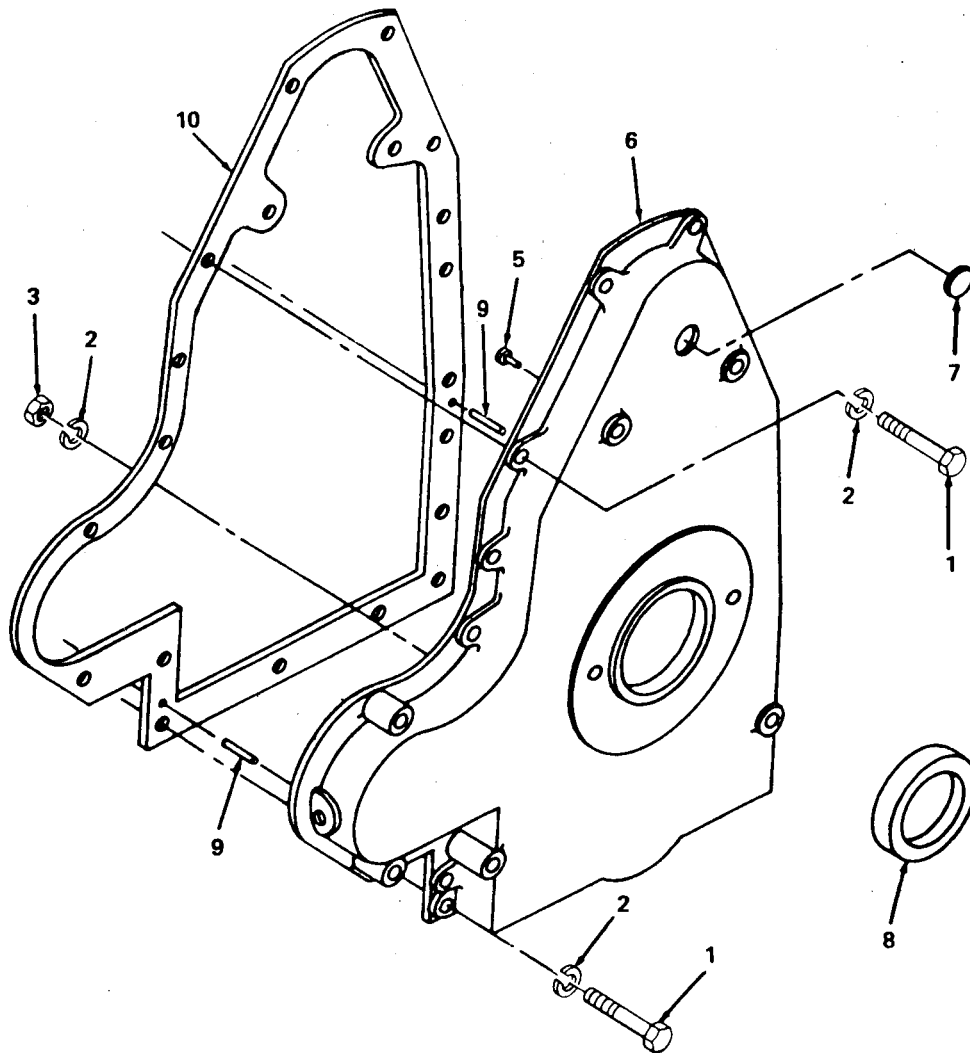


Figure 7. Gear Cover Assembly and Gasket.

SECTION II		TM5-4320-273-24P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE					
FIG. 7 GEAR COVER ASSEMBLY AND GASKET					
1	PAHZZ	96906	MS90728-32	.BOLT,MACHINE	10
2	XDOZZ	96906	MS35338-45	WASHER,LOCK GEAR COVER MTG	2
3	PAHZZ	66289	PD78	NUT,PLAIN,HEXAGON GEAR COVER MTG	4
4	XBHZZ	66289	BD101B2S1	COVER ASSEMBLY,GEAR	1
5	XAHZZ	66289	PF52	.PIN,STRAIGHT,HEADED	1
6	XAHZZ	66289	BD101B2	.COVER,GEAR	1
7	XAHZZ	66289	SA10	.PLUG,EXPANSION GEAR COVER	1
8	PAHZZ	66289	PH269	.SEAL,PLAIN ENCASED	1
9	XBHZZ	66289	PA291	.PIN,STRAIGHT,HEADLE	2
10	KFHZZ	66289	QD634	.GASKET GEAR COVER PART OF KIT P/N Q18B	1
END OF FIGURE					

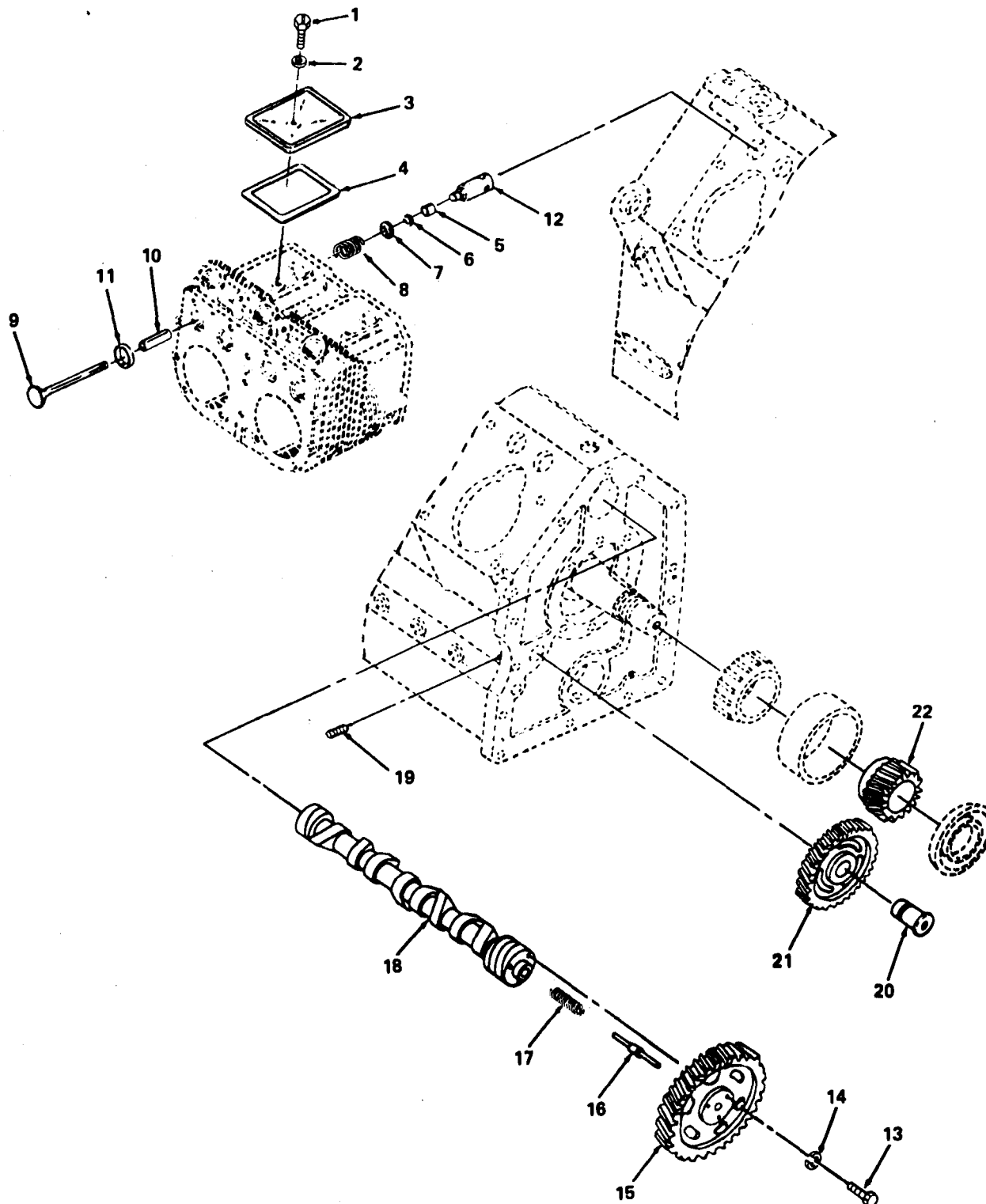


Figure 8. Valves, Camshaft and Timing Gears.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-273-24P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE						
FIG. 8 VALVES, CAMSHAFT, AND TIMING GEAR						
1	XDFZZ	66289	XD148		SCREW,CAP,HEXAGON PLATE MTG	4
2	PAFZZ	66289	PH14		WASHER,FLAT PLATE MTG	4
3	XBHZZ	66289	BH103		PLATE,VALVE TAPPET	4
4	KFHZZ	66289	QD482		GASKET INSPECTION PLATE PART OF KIT P/N Q18B	4
5	PAHZZ	66289	AH15		CAP,VALVE STEM,ENGI	4
6	XDHZZ	66289	AH14		LOCK,SPRING SEAT	8
7	PAHZZ	66289	AG30		SEAT,HELICAL COMPRE	8
8	PAHZZ	66289	AF49A		SPRING,HELICAL,COMP	8
9	PAHZZ	96906	MS13999-8		VALVE,POPPET,ENGINE	8
10	PAHZZ	66289	AD42A		GUIDE,VALVE STEM	8
11	PAHZZ	66289	HG150D		SEAT,VALVE	8
12	XBHZZ	66289	F65		TAPPET,ENGINE	8
13	PAHZZ	66289	XD17		BOLT,MACHINE GEAR MTG	3
14	PAHZZ	96906	MS35335-34		WASHER,LOCK GEAR MTG	3
15	PBHZZ	66289	GB46		GEAR,HELICAL CAMSHAFT	1
16	PBHZZ	66289	PF101		PLUNGER,CAMSHAFT TH	1
17	PBHZZ	66289	PM108		SPRING,HELICAL,COMP CAMSHAFT THRUST	1
18	PBHZZ	66289	EA112		CAMSHAFT,ENGINE	1
19	PAHZZ	66289	XE55		SCREW	1
20	PBHZZ	66289	PJ105		PIN,GROOVED,HEADED IDLER GEAR	1
21	PBHZZ	66289	GC28		GEAR,HELICAL IDLER	1
22	XBHZZ	66289	GA35A1		GEAR,HELICAL	1
END OF FIGURE						

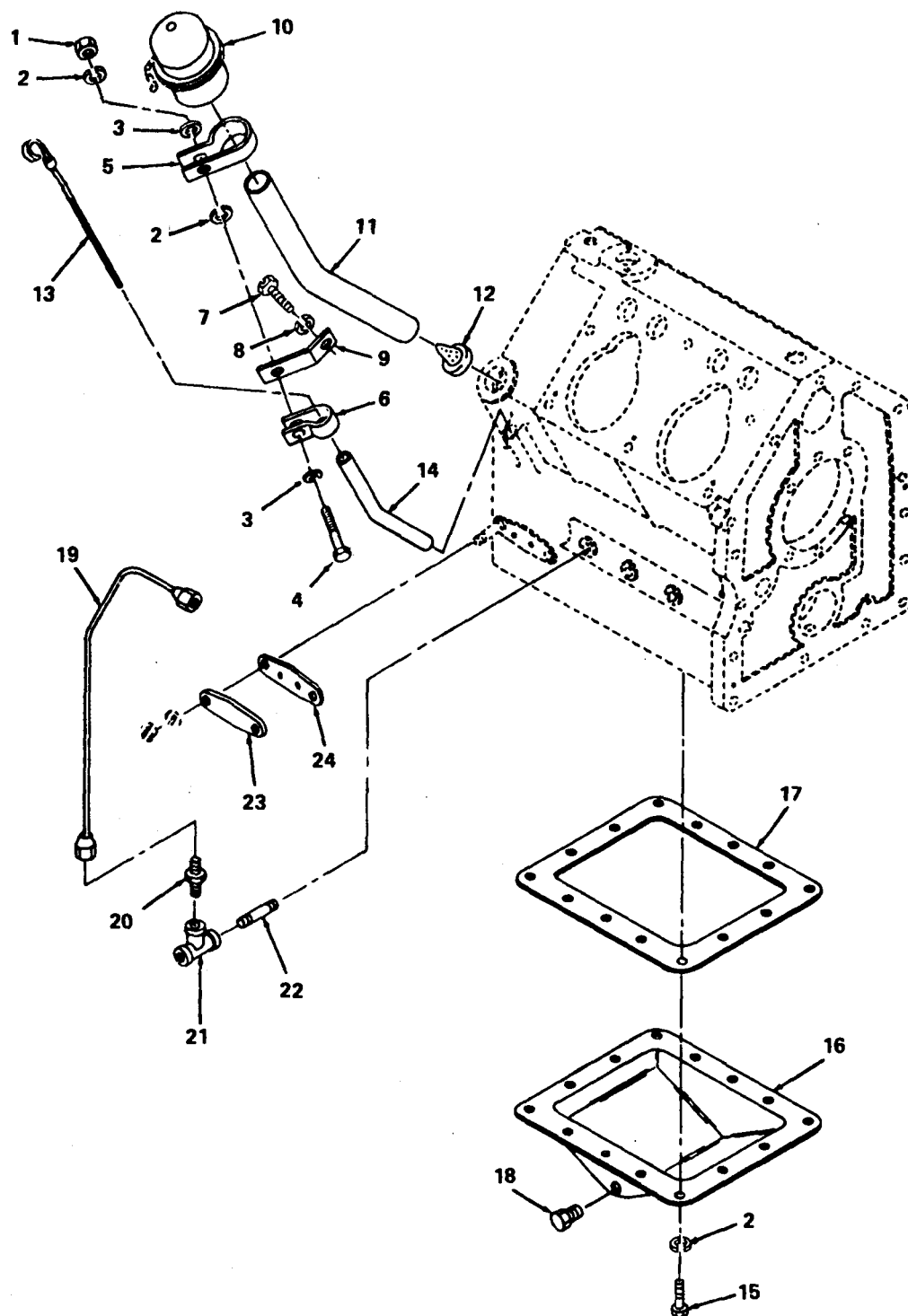


Figure 9. Crankcase Oil Pan Filler Tube, Level Gage and Related Fittings.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01 ENGINE					
FIG. 9 CRANKCASE OIL PAN FILLER TUBE, LEVEL GAGE, AND RELATED FITTINGS					
1	PAOZZ	96906	MS51967-5	NUT,PLAIN,HEXAGON	1
2	XDOZZ	96906	MS35338-45	WASHER,LOCK OIL FILLER TUBE	18
3	PAHZZ	66289	PH209B	WASHER,FLAT OIL FILLER TUBE	2
4	PAHZZ	66289	XD17	BOLT,MACHINE OIL FILLER TUBE	1
5	PBHZZ	66289	PG1174	CLAMP,TUBE	1
6	XDHZZ	66289	PG1175	CLAMP,TUBE	1
7	PAHZZ	66289	XA38	SCREW,CAP,HEXAGON	1
8	PAOZZ	96906	MS35338-44	WASHER,LOCK GAGE TUBE	1
9	XDHZZ	66289	PG1173	BRACKET,CLAMP	1
10	XBOZZ	66289	LO60-1	BREATHER	1
11	XDHZZ	66289	LJ300AM	TUBE,BENT,METALLIC	1
12	PBHZZ	66289	RC91	STRAINER ELEMENT,SE	1
13	PBOZZ	66289	RJ173D	ROD,GAGE	1
14	XDHZZ	66289	RF1495E	TUBE,GAGE ROD	1
15	PAFZZ	96906	MS90725-31	BOLT,MACHINE	14
16	XBHZZ	66289	BH155C	PAN,OIL,ENGINE	1
17	KFHZZ	66289	QD635	GASKET OIL PAN PART OF KIT P/N Q18B	1
18	PAHZZ	66289	XK7B	PLUG,PIPE	1
19	PBHZZ	66289	RM980	TUBE ASSEMBLY,METAL	1
20	XDHZZ	66289	RF269	ADAPTER,STRAIGHT	1
21	XDHZZ	66289	XK63-2	TEE,PIPE	1
22	XDHZZ	66289	RF794	NIPPLE,PIPE	1
23	PBOZZ	66289	SA65C	PLATE,OIL FILTER	1
24	KFHZZ	66289	QD595A	GASKET OIL FILTER PART OF KIT P/N Q18B	1

END OF FIGURE

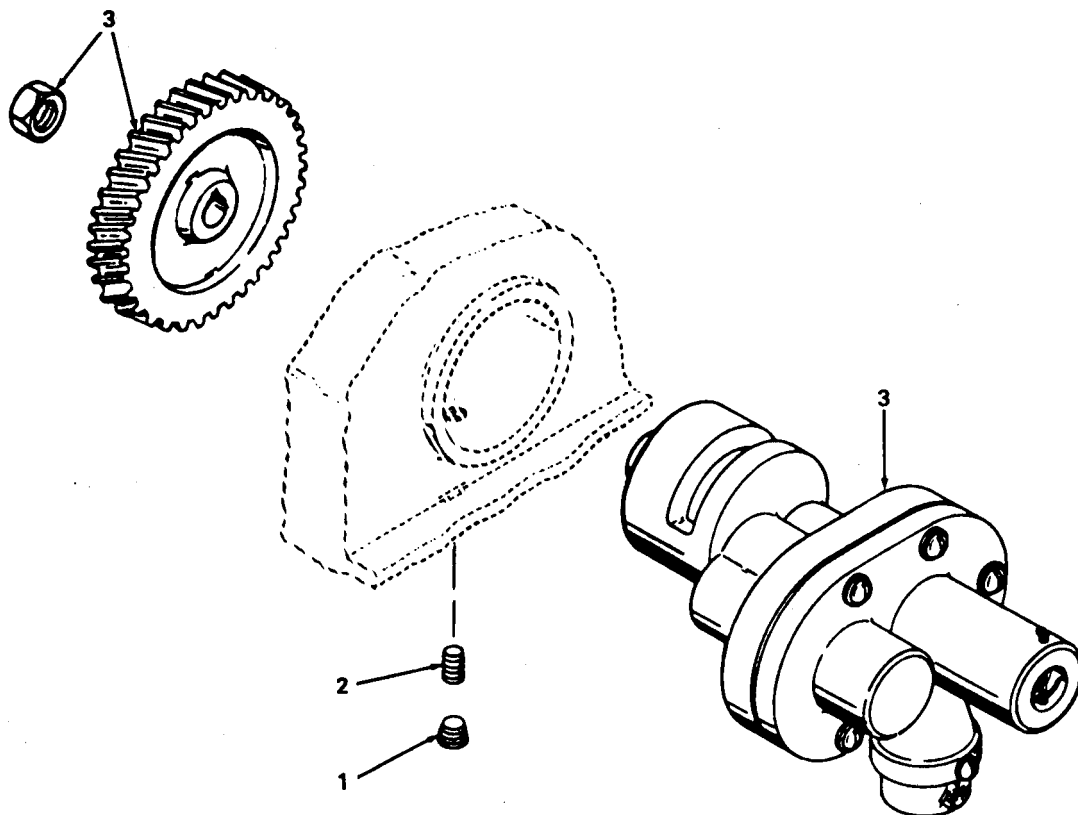


Figure 10. Lubricating Oil Pump.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 01 ENGINE	
				FIG. 10 LUBRICATING OIL PUMP	
1	PBHZZ	66289	PF18	PLUG,PIPE	1
2	PAHZZ	66289	P1143-B	.SETSCREW	1
3	PBHZH	66289	K95L	PUMP,ROTARY	1
				END OF FIGURE	

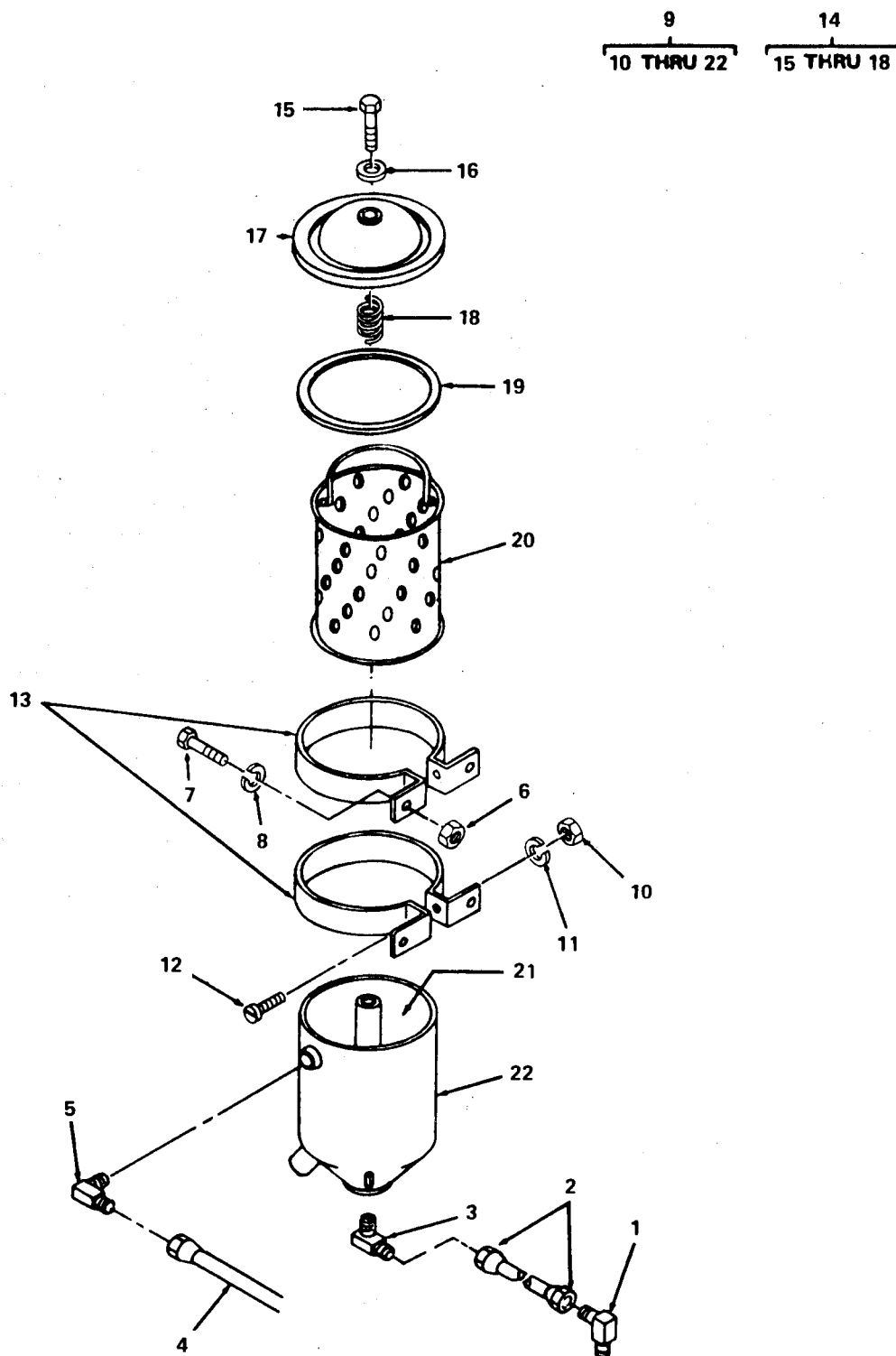


Figure 11. Lubricating Oil Filter.

SECTION II (1)	SMR (2)	FSCM (3)	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01 ENGINE					
FIG. 11 LUBRICATING OIL FILTER					
1	PAHZZ	66289	RF1343	ELBOW,PIPE TO TUBE RETURN LINE AT TIMING GEAR COVER	1
2	PBHZZ	66289	RM772	TUBE ASSEMBLY,METAL OIL RETURN, FILTER TO CRANKCASE	1
3	XDHZZ	66289	RF1225	ELBOW,PIPE TO TUBE	1
4	PBHZZ	66289	RM1161	TUBE ASSEMBLY,METAL OIL PRESSURE INLET,CRANKCASE TO FILTER	1
5	PAHZZ	66289	RF270-4	ELBOW,PIPE TO TUBE PRESSURE LINE AT FILTER	1
6	XAHZZ	66289	PD78	.NUT,PLAIN,HEXAGON	4
7	PAHZZ	66289	XD14	BOLT,MACHINE FILTER MTG	4
8	XDHZZ	96906	MS35338-45	WASHER,LOCK FILTER MTG	4
9	XBHZZ	73370	F21P	FILTER,FLUID OIL	1
10	XAHZZ	73370	12384	.NUT,PLAIN,SQUARE	2
11	XAHZZ	73370	10113	.WASHER,LOCK	2
12	XAHZZ	73370	109024	.SCREW,MACHINE	2
13	XDHZZ	73370	102153	.STRAP,RETAINING	2
14	XAHZZ	73370	5241	.COVER,FLUID FILTER OIL FILTER	1
15	XAHZZ	73370	11580	..BOLT,SHOULDER	1
16	XAHZZ	73370	11581	..WASHER,FLAT	1
17	XAHZZ	73370	11559	..COVER	1
18	XAHZZ	73370	11583	..SPRING,HELICAL,COMP	1
19	PAOZZ	73370	11582	.GASKET FILTER COVER	1
20	PAOZZ	73370	C21P	.FILTER ELEMENT,FLUI	1
21	XAHZZ	73370	11562	.SPACER,FILTER	1
22	XDHZZ	73370	5310	.FILTER BODY,FLUID	1

END OF FIGURE

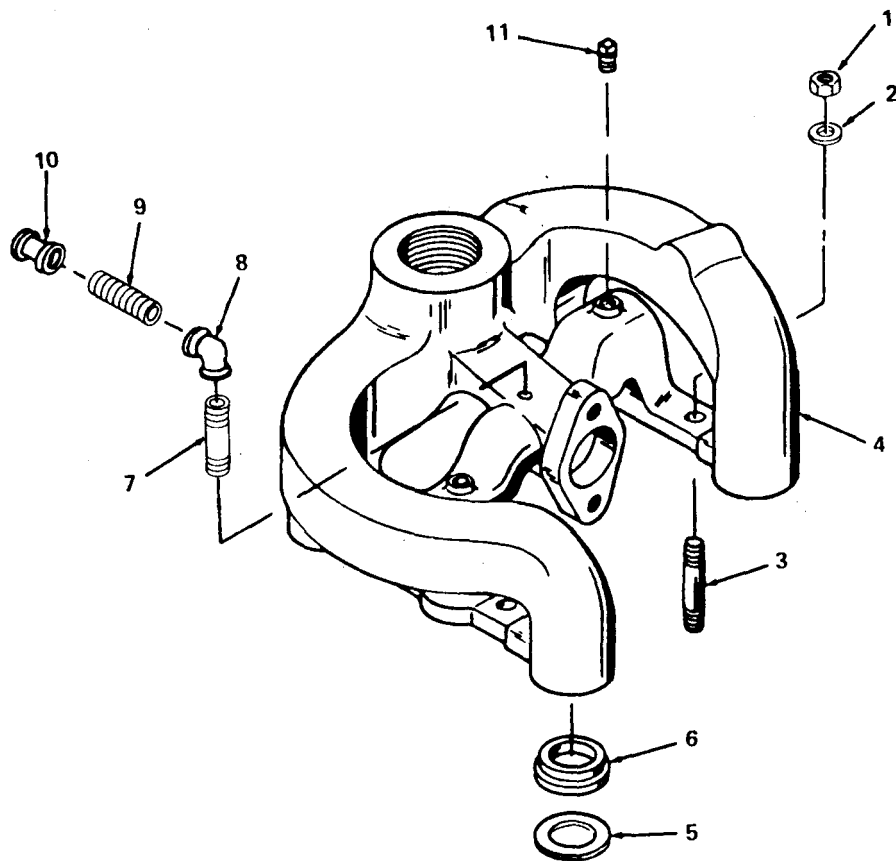


Figure 12. Manifold and Related Fillings.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 01 ENGINE					
FIG. 12 MANIFOLD AND RELATED FITTINGS					
1	XBOZZ	66289	PD207	NUT, PLAIN, HEXAGON	4
2	XDOZZ	66289	PH79A	WASHER, FLAT	4
3	PAOZZ	66289	PC615	STUD, PLAIN	4
4	XDOZZ	66289	LD240-19S1	MANIFOLD, INTAKE	1
5	PAOZZ	66289	QC66	.GASKET MANIFOLD PART OF KIT P/N Q18B	6
6	PBOZZ	66289	QB83	.RETAINER, PACKING MANIFOLD PART OF KIT P/N Q18B	6
7	PBOZZ	25567	T0224-15071	NIPPLE, PIPE	1
8	PBOZZ	11083	3B6494	ELBOW, PIPE	1
9	PAOZZ	96906	MS51953-9B	NIPPLE, PIPE	1
10	PAOZZ	81348	WWP521	COUPLING, PIPE	1
11	PAOZZ	11083	7H3171	PLUG, PIPE	2
END OF FIGURE					

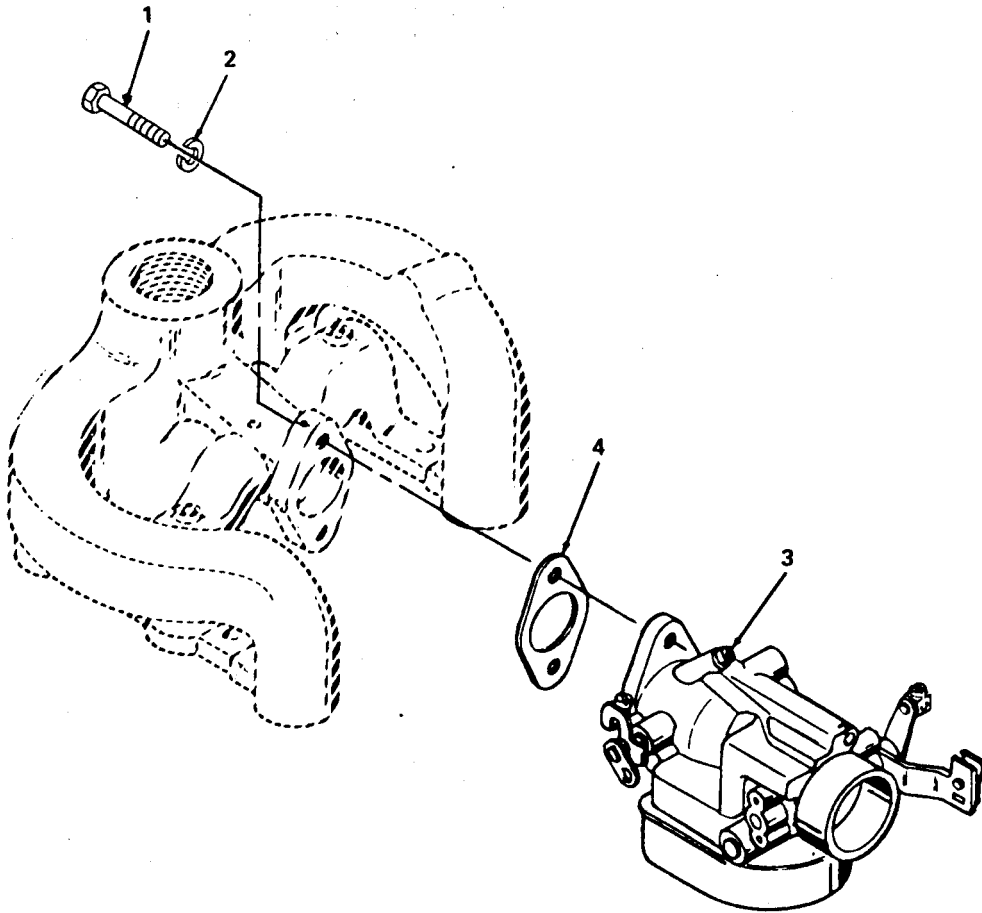


Figure 13. Carburetor.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02 FUEL SYSTEM					
FIG. 13 CARBURETOR					
1	XDOZZ	66289	XD21	BOLT,MACHINE	2
2	XDOZZ	96906	MS35338-45	WASHER,LOCK	2
3	XDOZZ	79960	11532	CARBURETOR,FLOAT	1
4	PAOZZ	66289	QF91	.GASKET PART OF KIT P/N Q18B	1
END OF FIGURE					

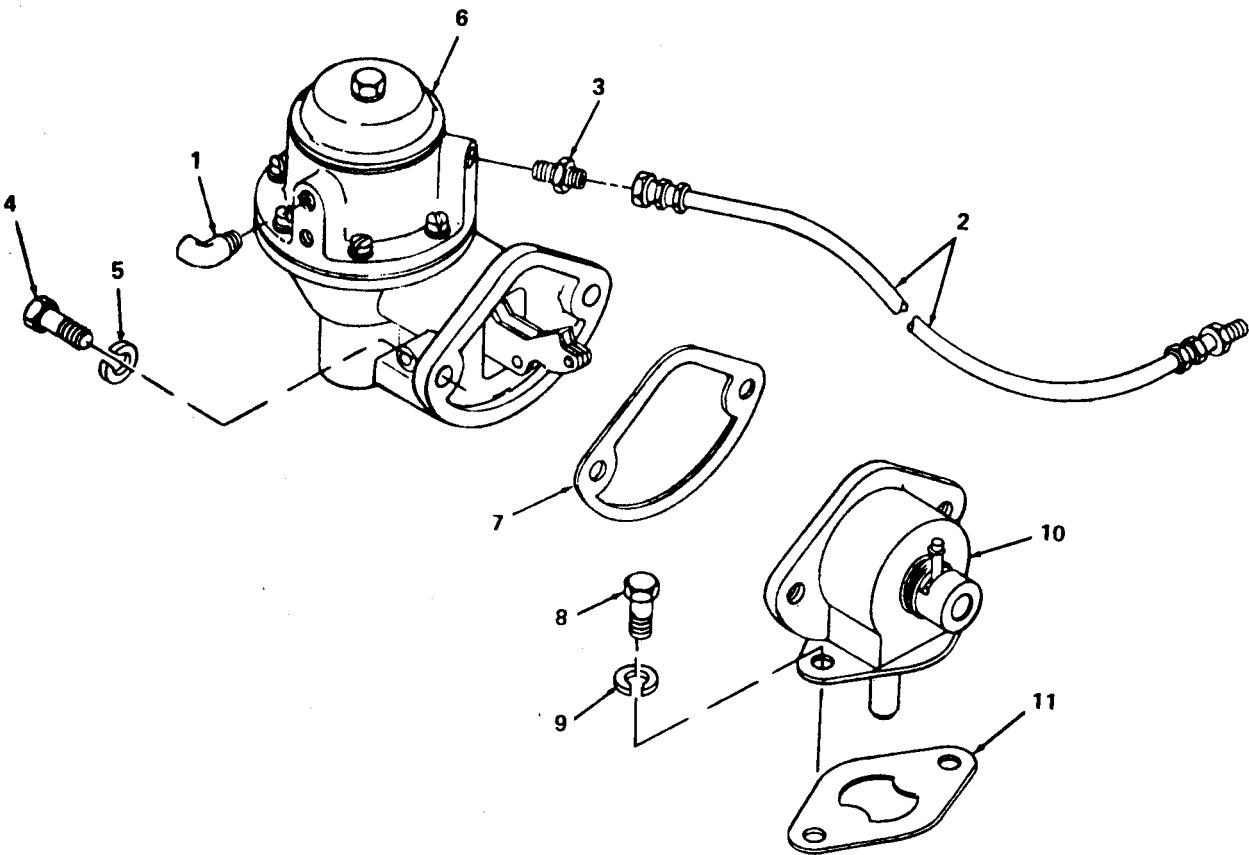


Figure 14. Fuel Pump and Adapter.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02 FUEL SYSTEM					
FIG. 14 FUEL PUMP AND ADAPTER					
1	PAOZZ	66289	RF-996	.ELBOW,PIPE	1
2	PBOZZ	66289	RM1319L	HOSE ASSEMBLY,NONME	1
3	XDHZZ	66289	RF269	ADAPTER,STRAIGHT	1
4	PAOZZ	96906	MS90728-32	.BOLT,MACHINE	2
5	XDOZZ	96906	MS35338-45	WASHER,LOCK	8
6	PFOZZ	66289	LP38FS1	PUMP,FUEL,CAM ACTUA	1
7	KFOZZ	66289	QD538A	.GASKET FUEL PUMP PART OF KIT P/N Q18B	1
8	PAOZZ	96906	MS90725-6	SCREW,CAP,HEXAGON H	4
9	PAOZZ	96906	MS35338-44	WASHER,LOCK	2
10	PBOZZ	66289	TF96-4	PARTS KIT,ENGINE FU	1
11	KFOZZ	66289	QD67	.GASKET PART OF KIT P/N Q18B	1
END OF FIGURE					

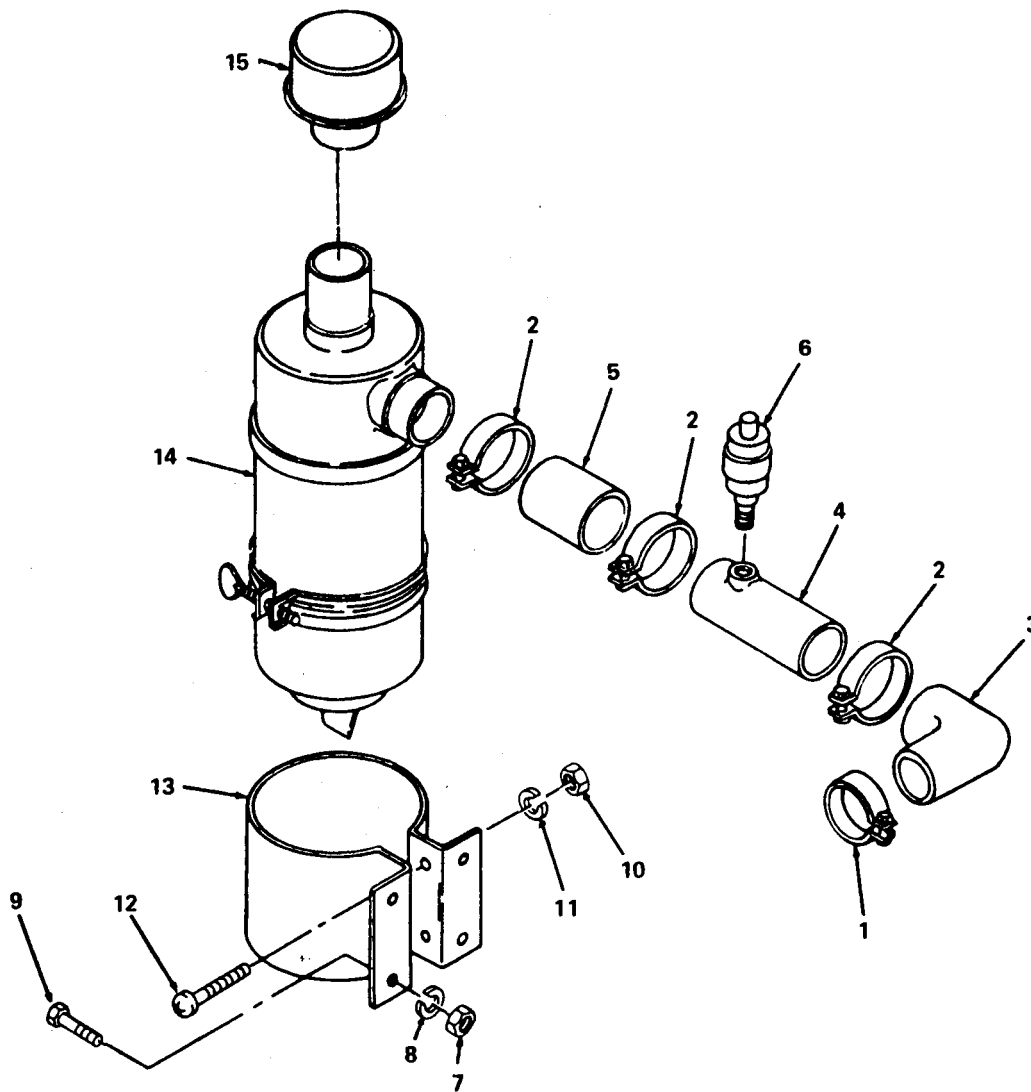
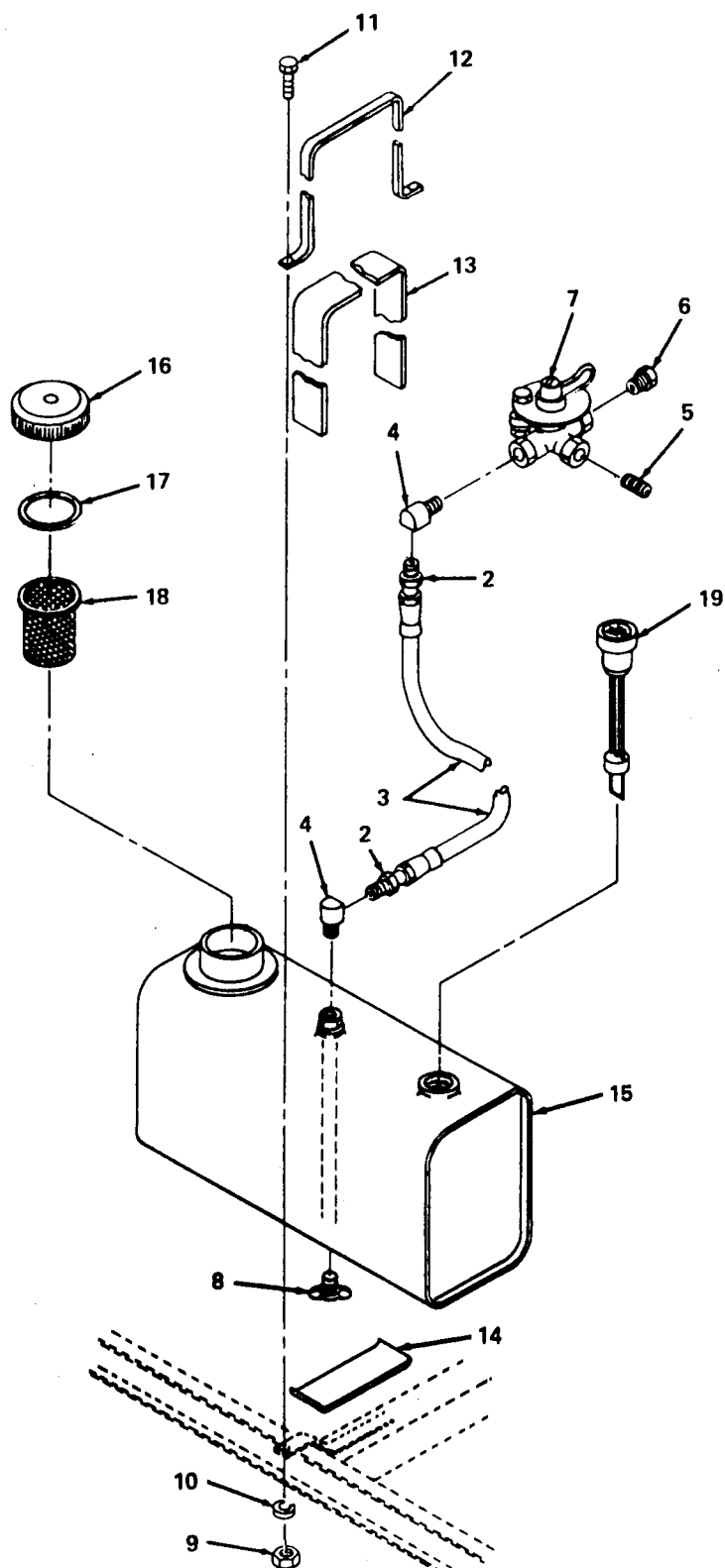


Figure 15. Cleaner and Discharge Piping.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02 FUEL SYSTEM					
FIG. 15 CLEANER AND DISCHARGE PIPING					
1	PAOZZ	66289	LK24	CLAMP,HOSE	1
2	XDOZZ	66289	LK9	CLAMP,HOSE	3
3	PBOZZ	66289	LL89	HOSE,PREFORMED	1
4	PBOZZ	66289	LJ131B	TUBE,AIR	1
5	XDOZZ	66289	LL18	HOSE,NONMETALLIC AIR CLEANER TUBE	1
6	PBOZZ	66289	LP-59-A	AIR RESTRICTION,FIL	1
7	PAHZZ	96906	MS51967-5	.NUT,PLAIN,HEXAGON	6
8	XDOZZ	96906	MS35338-45	.WASHER,LOCK	4
9	PAOZZ	96906	MS90728-32	BOLT,MACHINE	4
10	XDOZZ	66289	PD77	NUT,PLAIN,HEXAGON AIR CLEANER MTG	2
11	PAOZZ	96906	MS35340-44	WASHER,LOCK	15
12	PAOZZ	96906	MS35206-289	.SCREW,MACHINE	2
13	XBOZZ	66289	PG512	STRAP,MOUNTING AIR CLEANER	1
14	XBOZZ	66289	LQ176	AIR CLEANER	1
15	XBOZZ	66289	LO62	BREATHER,AIR	1
END OF FIGURE					

1
2 AND 3



4783-016

Figure 16. Fuel Tank and Related Fittings.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 02 FUEL SYSTEM					
FIG. 16 FUEL TANK AND RELATED FITTINGS					
1	PBOZZ	25567	11705	FUEL LINE ASSEMBLY	1
2	XAOZZ	25567	S512	.INVERTED NUT,TUBE	2
3	XAOZZ	25567	11731-15000	.TUBE	1
4	XBOZZ	25567	S513	ELBOW,PIPE	2
5	PAOZZ	96906	MS51953-25B	NIPPLE,PIPE	1
6	PAOZZ	96906	MS39158-4	ADAPTER,STRAIGHT,PI	1
7	PBOZZ	25567	S1779	VALVE,CROSS	1
8	XBOZZ	25567	S874	COCK,DRAIN	1
9	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON	4
10	PAOZZ	96906	MS35338-46	WASHER,LOCK	4
11	XBOZZ	96906	MS35297-65	SCREW,CAP,HEXAGON H	4
12	XBOZZ	25567	5998-15990	STRAP,RETAINING FUEL TANK	2
13	XAOZZ	25567	9490A18030	STRIP,FELT	2
14	XBOZZ	25567	9490-18030	STRIP,FELT FUEL TANK	2
15	XDOZZ	25567	8372C	TANK,FUEL,ENGINE	1
16	PBOZZ	96906	MS35645-1	CAP,FILLER OPENING	1
17	PAOZZ	96906	MS35643-1	.GASKET	1
18	PBOZZ	78252	2343S050	STRAINER ELEMENT,SE	1
19	PBOZZ	25567	26855-033	GAUGE,FUEL	1

END OF FIGURE

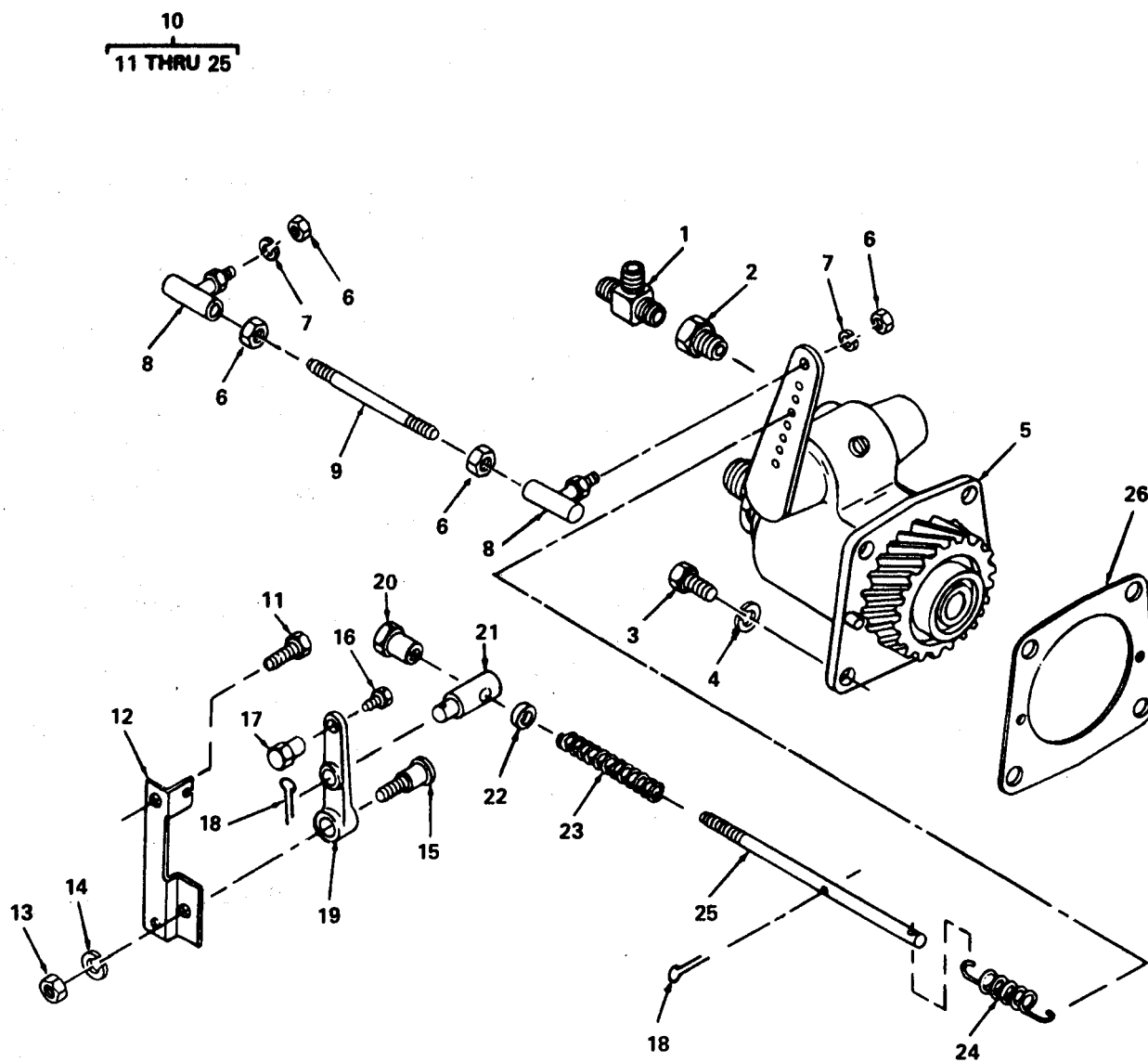


Figure 17. Governor and Control Assembly.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02 FUEL SYSTEM					
FIG. 17 GOVERNOR AND CONTROL ASSEMBLY					
1	PAHZZ	66289	RF1281	TEE,PIPE TO TUBE	1
2	PBHZZ	66289	RF1165A	RESTRICTOR,FLUID FL	1
3	PAHZZ	96906	MS90725-33	BOLT,MACHINE GOVERNOR MTG	4
4	XDHZZ	96906	MS35338-45	WASHER,LOCK	4
5	PBFZZ	66289	T84H1	GOVERNOR,GASOLINE E	1
6	PAFZZ	66289	PD115-2	.NUT,PLAIN,HEXAGON	4
7	XBOZZ	66289	PE14	.WASHER,LOCK	1
8	PBFZZ	66289	VE674A	.BALL JOINT	2
9	PBFZZ	66289	VE689C	.ROD,GOVERNOR	1
10	XBFFF	66289	TT61N1	.GOVERNOR CONTROL	1
11	XAFZZ	66289	XD3	..SCREW,CAP,HEXAGON H	1
12	XAFZZ	66289	PG493	..BRACKET,SUPPORT GOVERNOR CONTROL	1
13	XAFZZ	66289	PD77	...NUT,PLAIN,HEXAGON	1
14	XAFZZ	96906	MS35335-19	..WASHER,LOCK	1
15	XDFZZ	66289	PI165	..PIN,GOVERNOR LEVER	1
16	XAFZZ	66289	XA4	..SCREW,CAP,HEXAGON WIRE CONNECTING	1
17	XDFZZ	66289	VE240-2	..CONNECTION,WIRE	1
18	XAFZZ	66289	MS24665-132	..PIN,COTTER	2
19	XDFZZ	66289	VB175	..LEVER,GOVERNOR CONT	1
20	XAFZZ	66289	PD173A	..NUT,SLEEVE	1
21	XAFZZ	66289	TC381B	..PIN,SHOULDER,HEADLE	1
22	XAFZZ	66289	PK121	..RETAINER,HELICAL CO	1
23	XAFZZ	66289	PM111-1	..SPRING,HELICAL	1
24	XAFZZ	66289	PH76	..SPRING,HELICAL	1
25	XAFZZ	66289	PI115E	..PIN,STRAIGHT,THREAD	1
26	KFFZZ	66289	QD615A	.GASKET PART OF KIT P/N Q18B	1

END OF FIGURE

2
3 THRU 7

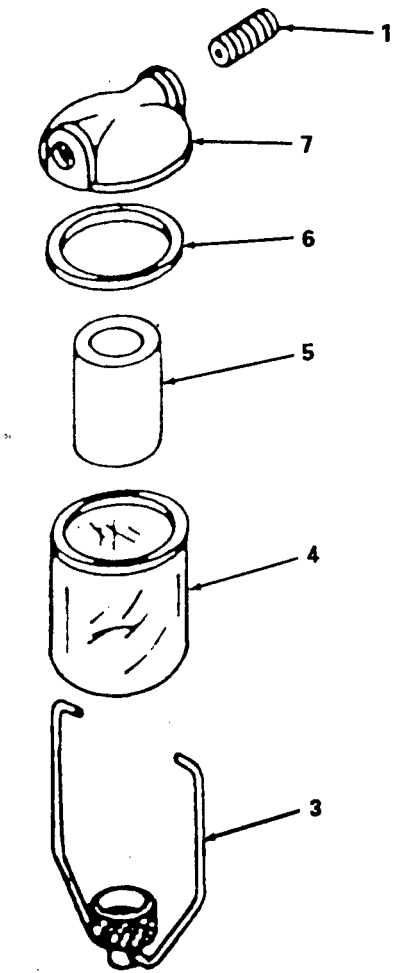


Figure 18. Fuel Strainer Assembly.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02 FUEL SYSTEM					
FIG. 18 FUEL STRAINER ASSEMBLY					
1	XDOZZ	00000	RF794	.NIPPLE,PIPE	1
2	PAOZZ	78480	OW476T	STRAINER ASSY,FUEL	1
3	XAOZZ	78480	OW447	.BAIL ASSEMBLY	1
4	PAOZZ	78480	OW363	.BOWL,SEDIMENT	1
5	PAOZZ	08645	62477	.STRAINER ELEMENT,SE	1
6	PAOZZ	96152	06096	.GASKET BOWL	1
7	XAOZZ	78480	OW362	.HEAD	1
END OF FIGURE					

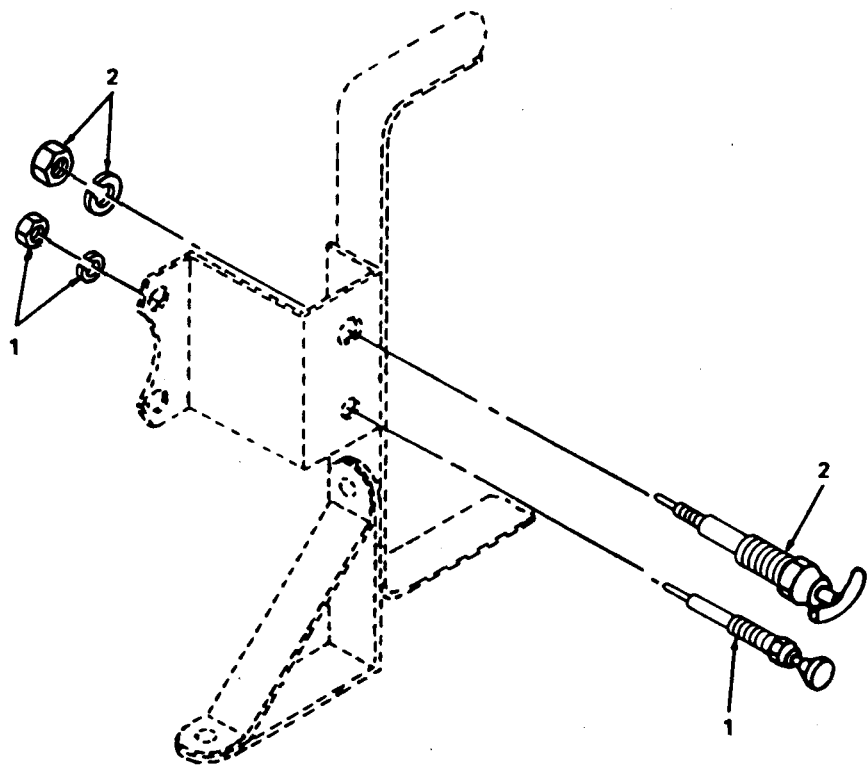


Figure 19. Choke and Throttle Assemblies.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 02 FUEL SYSTEM					
FIG. 19 CHOKE AND THROTTLE ASSEMBLIES					
1	PBOZZ	77910	3A1675-10	CHOKE CONTROL	1
2	XDOZZ	25567	S886A	THROTTLE CONTROL ASSEMBLY	1
END OF FIGURE					

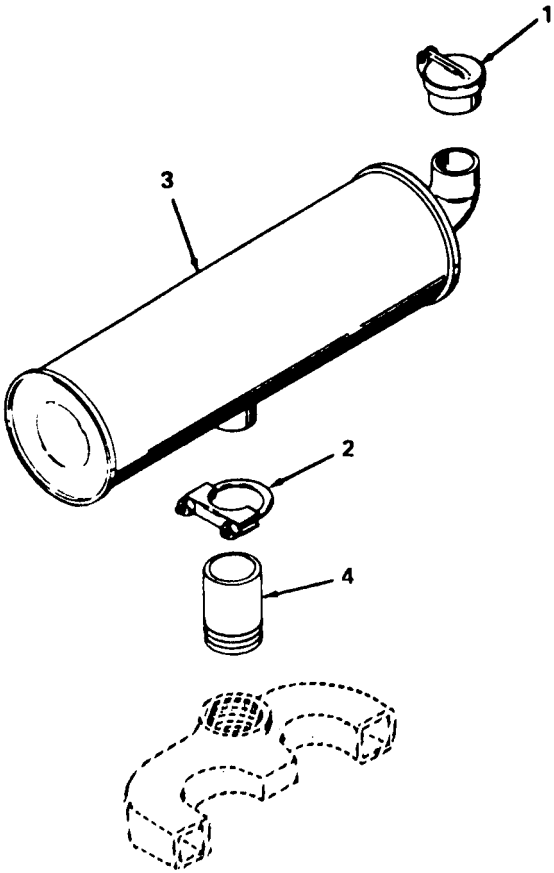


Figure 20. Muffler and Related Parts.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 03 EXHAUST SYSTEM					
FIG. 20 MUFFLER AND RELATED PARTS					
1	PBOZZ	25567	S1246	CAP,WEATHER	1
2	PBOZZ	25567	S933	CLAMP,MUFFLER	1
3	PBOZZ	76700	5486N	MUFFLER,EXHAUST	1
4	XBOZZ	96906	MS51953-172	NIPPLE,PIPE	1
END OF FIGURE					

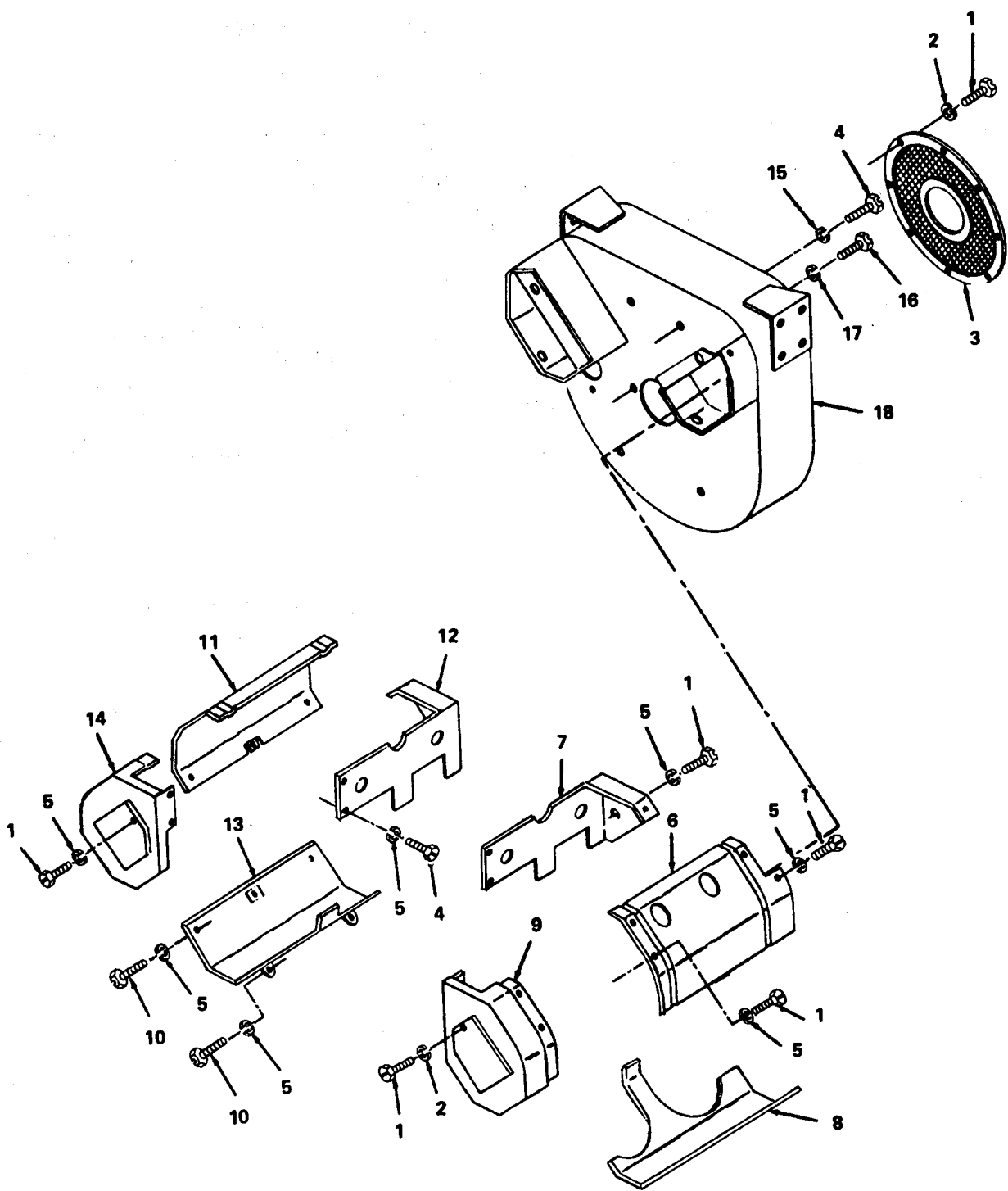


Figure 21. Air Shrouding.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-273-24P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 04 COOLING SYSTEM					
FIG. 21 AIR SHROUDING					
1	PAOZZ	96906	MS90728-1	SCREW, CAP, HEXAGON H	8
2	PAOZZ	96906	MS35340-44	WASHER, LOCK	8
3	PBOZZ	66289	SE48	SCREEN, GUARD	1
4	PAOZZ	96906	MS90725-3	SCREW, CAP, HEXAGON H	7
5	PAOZZ	96906	MS35338-44	WASHER, LOCK	7
6	PBOZZ	66289	SE127A	SHROUD, CYLINDER LH SIDE	1
7	PBOZZ	66289	SE128C	DEFLECTOR, AIRFLOW LH SIDE	1
8	PBOZZ	66289	SE126A	DEFLECTOR, AIRFLOW LH SIDE	1
9	PBOZZ	66289	SE125A	DEFLECTOR, AIRFLOW LH SIDE	1
10	PAOZZ	96906	MS90725-1	.SCREW, CAP, HEXAGON H	15
11	PBOZZ	66289	SE127	SHROUD, CYLINDER RH SIDE	1
12	XDOZZ	66289	SE128B	DEFLECTOR, AIRFLOW RH SIDE	1
13	PBOZZ	66289	SE126	DEFLECTOR, AIRFLOW RH SIDE	1
14	PBOZZ	66289	SE125	DEFLECTOR, AIRFLOW RH SIDE	1
15	XDOZZ	96906	MS35338-45	.WASHER, LOCK	4
16	PAOZZ	96906	MS90725-55	SCREW, CAP, HEXAGON H	2
17	PAOZZ	96906	MS35338-46	WASHER, LOCK	2
18	PBOZZ	66289	SE124BD	HOUSING, FLYWHEEL	1
END OF FIGURE					

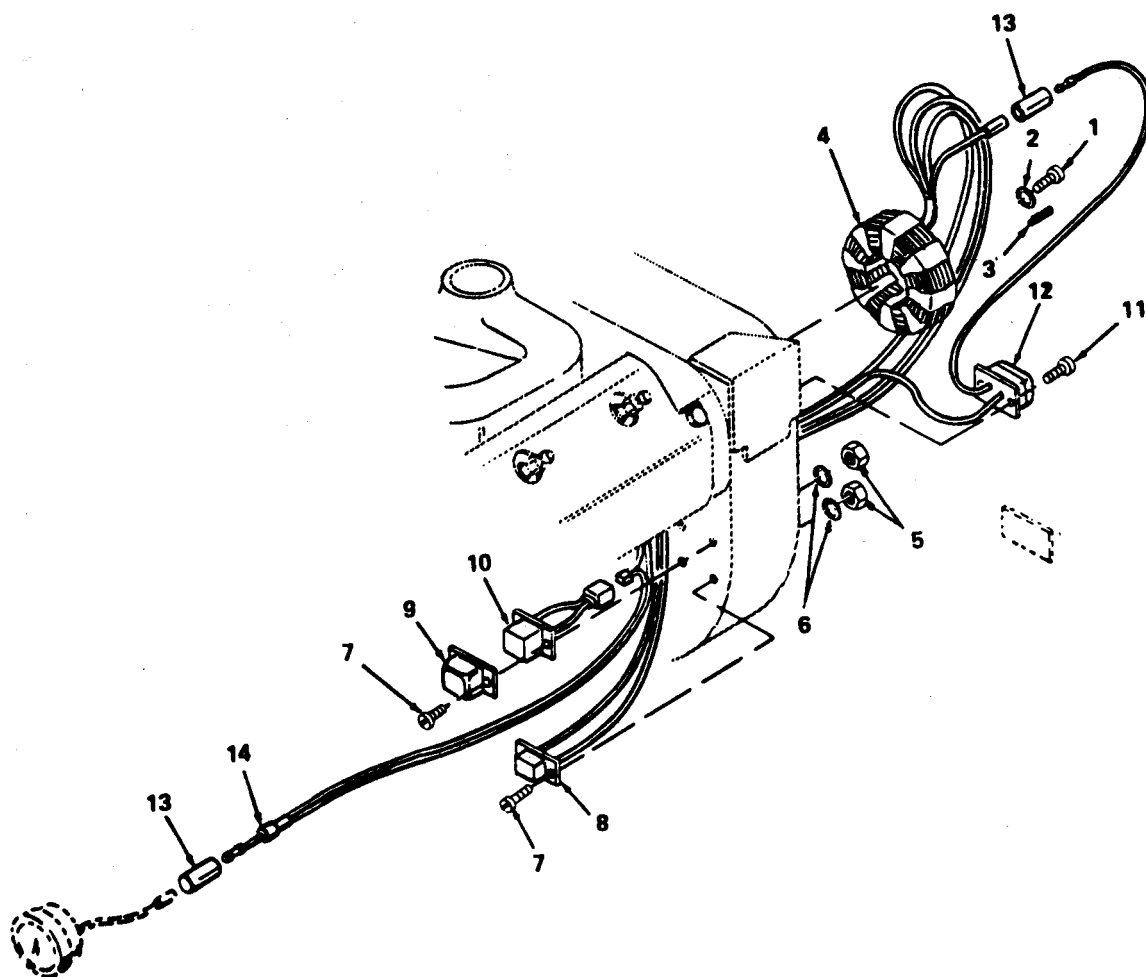


Figure 22. Flywheel Alternator.

SECTION II (1)	(2)	(3)	TM5-4320-273-24P (4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM					
FIG. 22 FLYWHEEL ALTERNATOR					
1	XBOZZ	66289	XB106	SCREW,MACHINE	4
2	XAOZZ	66289	PE14	.WASHER, LOCK	4
3	XBOZZ	66289	PA340	PIN, SPRING	2
	XBOZZ	66289	ENB101	ALTERNATOR, FLYWHEEL	1
4	XBOZF	66289	YB79	.STATOR, ENGINE GENER	1
5	XDOZZ	66289	PD155	.NUT	2
6	XDOZZ	66289	PE78A	.WASHER, LOCK	2
7	PAOZZ	66289	XA8	.SCREW	2
8	PBOZZ	66289	YJ64	.RECTIFIER, MODULE	1
9	XBOZZ	66289	YD353	.SHIELD REGULATOR	1
10	PBOZZ	66289	YJ65	.REGULATOR, MODULE	1
11	PAOZZ	66289	XA65	.SCREW, TAPPING, THREA	2
12	PBOZZ	66289	YJ67	.ISOLATION DIODE	1
13	PBOZZ	66289	YD350	.INSULATION SLEEVING	2
14	PBOZZ	66289	YD358	.CONNECTOR, WIRE	1
END OF FIGURE					

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10 THRU 12

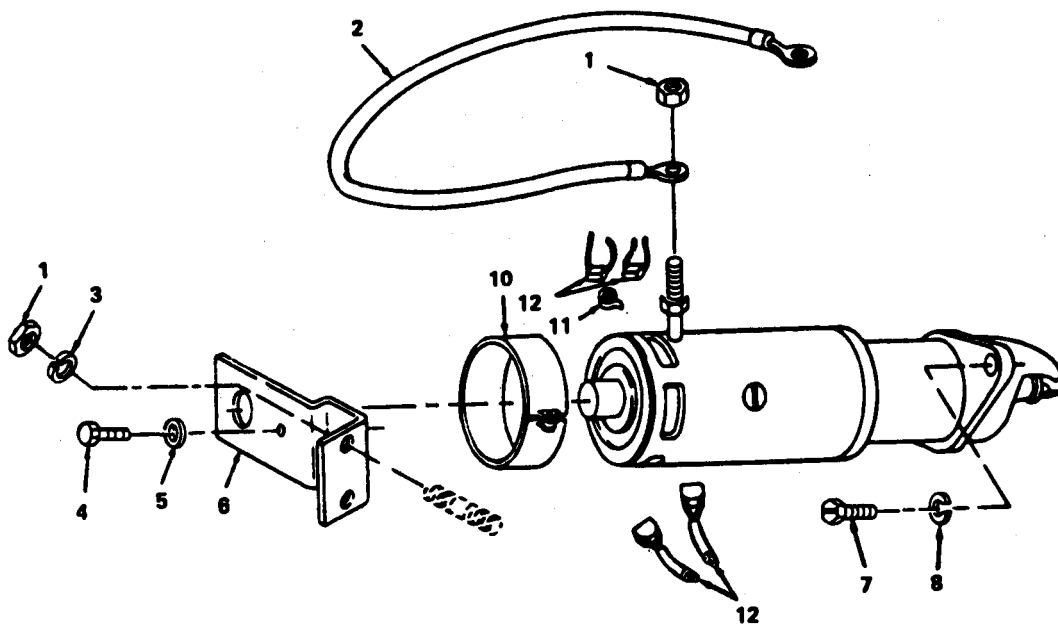


Figure 23. Starting Motor.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-273-24P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM						
FIG. 23 STARTING MOTOR						
1	XBOZZ	81349		MILB857TYPE2STYL EAORBGRADE1	NUT,PLAIN,HEXAGON STARTER CABLE	3
2	XDOZZ	25567		5795-DV	LEAD,ELECTRICAL	1
3	XDOZZ	66289		PE4	.WASHER,LOCK	2
4	PAOZZ	66289		XA8	SCREW BRACKET MTG	1
5	XDOZZ	66289		PH194	WASHER,SPECIAL BRACKET MTG	1
6	XBOZZ	66289		PG515A	BRACKET,STARTER SUP	1
7	PAOZZ	66289		PB187	SCREW,CAP,HEXAGON	3
8	PAOZZ	66289		PE5A	WASHER,LOCK	3
9	PBOZZ	66289		YA56A	STARTER,ENGINE,ELEC	1
10	XBOZZ	95688		28MZ1024AD	.BAND,COVER	1
11	XDOZZ	95688		28MZ19CS	.BRUSH,SPRING SET	1
12	PAOZZ	19728		MBW2012CS	.BRUSH SET, ELECTRICA	1
END OF FIGURE						

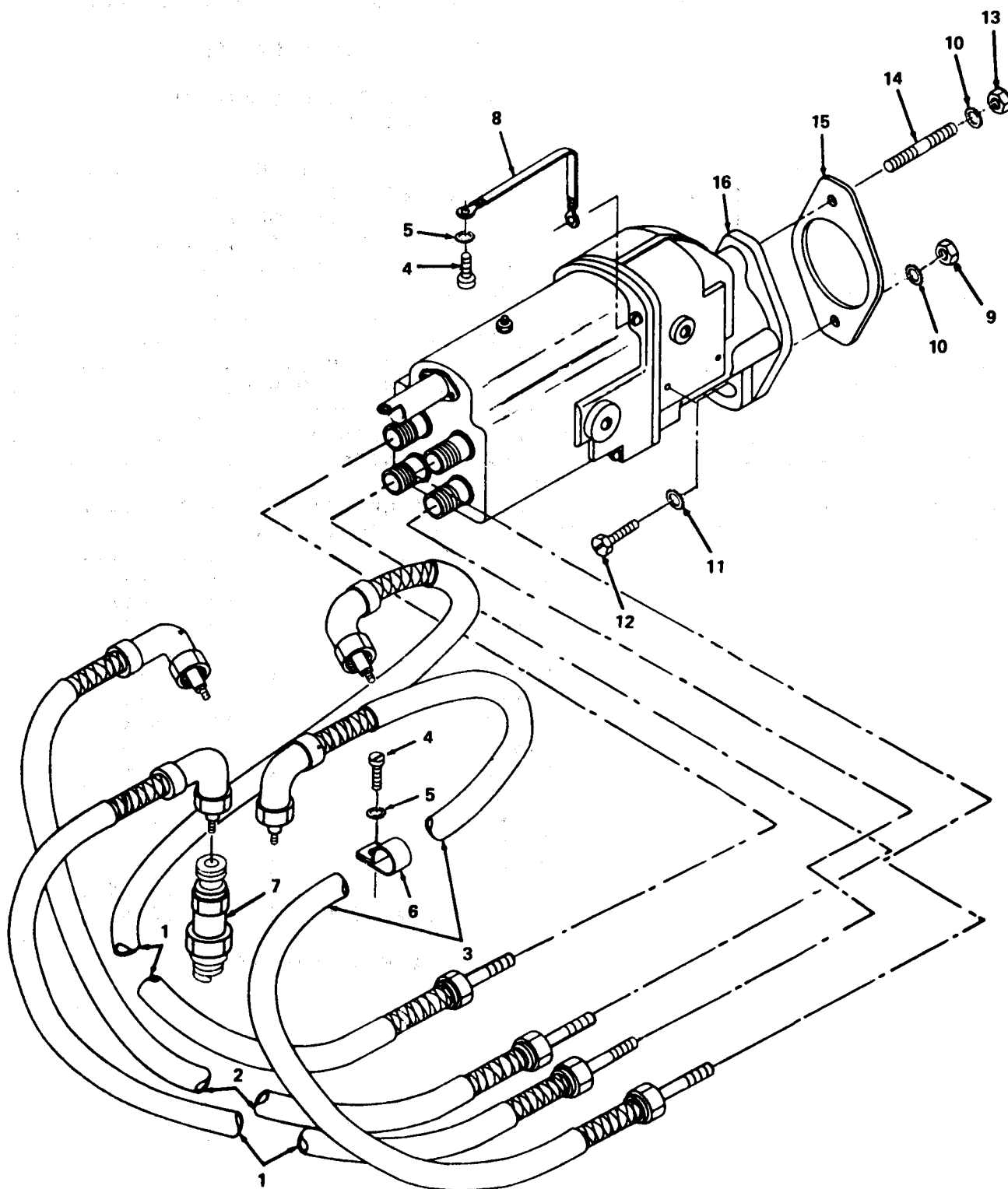


Figure 24. Magneto and Spark Plug Assembly.

SECTION II (1)	SMR (2)	FSCM (3)	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 05 ELECTRICAL SYSTEM					
FIG. 24 MAGNETO AND SPARK PLUG ASSEMBLY					
1	PBOZZ	96906	MS51011-13	CABLE,SHIELDED NO.1 AND 4	2
2	PBOZZ	96906	MS51011-14	CABLE,SHIELDED NO.2	1
3	PBOZZ	96906	MS51011-10	LEAD,IGNITION,ENGIN NO.3	1
4	PAOZZ	96906	MS35206-277	SCREW,MACHINE CLIP MTG	4
5	XDOZZ	66289	PE34A	WASHER,LOCK CLIP MTG	4
6	PBOZZ	66289	PG558	CLIP,CABLE	4
7	PAOZZ	96906	MS51009-1	SPARK PLUG	4
8	PBOZZ	66289	YL355-5	LEAD,ELECTRICAL	1
9	PAOZZ	66289	PD79	.NUT,PLAIN,HEXAGON	1
10	PAOZZ	66289	PE56A	WASHER,LOCK MAGNETO MTG	2
11	PAOZZ	66289	PE76A	WASHER,LOCK MAGNETO MTG	1
12	PAOZZ	96906	MS90725-67	SCREW,CAP,HEXAGON H	1
13	PAOZZ	81348	FFN836	NUT,PLAIN,HEXAGON	1
14	PAOZZ	66289	PC429	STUD,PLAIN	1
15	PAOZZ	66289	QD616	.GASKET PART OF KIT P/N Q18B	1
16	PBOZZ	82796	FMXZE4B7-4	MAGNETO,IGNITION	1
	PAFZZ	66289	Q18B	GASKET SET	1
				GASKET (1) 4-9	
				GASKET (1) 2-16	
				GASKET (1) 4-7	
				GASKET (6) 12-5	
				GASKET (1) 9-24	
				GASKET (1) 7-10	
				GASKET (1) 9-17	
				GASKET (2) 3-4	
				GASKET (4) 8-4	
				GASKET (2) 3-8	
				GASKET (1) 13-4	
				GASKET (1) 14-7	
				GASKET (1) 14-11	
				GASKET (1) 24-15	
				RETAINER,PACKING (6) 12-6	

END OF FIGURE

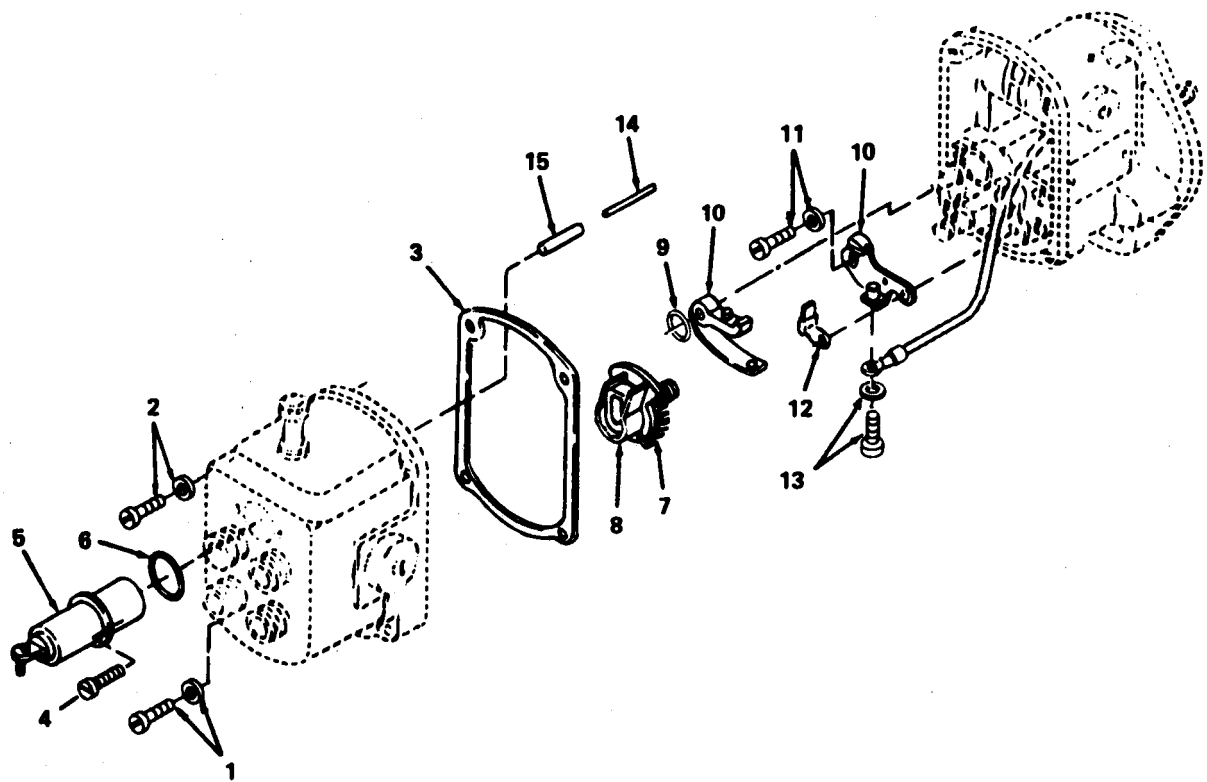


Figure 25. Magneto.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM					
FIG. 25 MAGNETO					
1	XAOZZ	82796	10S10D	.SCREW,ASSEMBLED WAS	2
2	XAOZZ	82796	10S18D	.SCREW,ASSEMBLED	2
3	PAOZZ	82796	K2498	.GASKET	1
4	XAOZZ	82796	6S6D	.SCREW,ASSEMBLED CAPACITOR MTG	2
5	PBOZZ	66289	MX2433	.CAPACITOR, FIXED, PAP	1
6	XAOZZ	82789	H2473	.PACKING, PREFORMED CAPACITOR	1
7	XAOZZ	82796	Q5939	.DISTRIBUTOR GEAR	1
8	PBOZZ	82796	X2765X	.ROTOR, IGNITION DIST	1
9	XAOZZ	82796	C1498G	.RING, RETAINING	1
10	PBOZZ	82796	A2437AX	.CONTACT SET, DISTRIB	1
11	XAOZZ	82796	6S6Z	.SCREW,ASSEMBLED CONTACT SET MTG	1
12	XAOZZ	82796	G2788	.CAM WICK AND HOLDER	1
13	XAOZZ	82796	6S6U	.SCREW,ASSEMBLED LEAD TO CONTACT SET	1
13	XAOZZ	82796	8S6U	.SCREW ASSEMBLED	1
14	XAOZZ	82796	F983B	.TERMINAL, STUD	1
15	XAOZZ	82796	D1182	.INSULATOR, STANDOFF	1
END OF FIGURE					

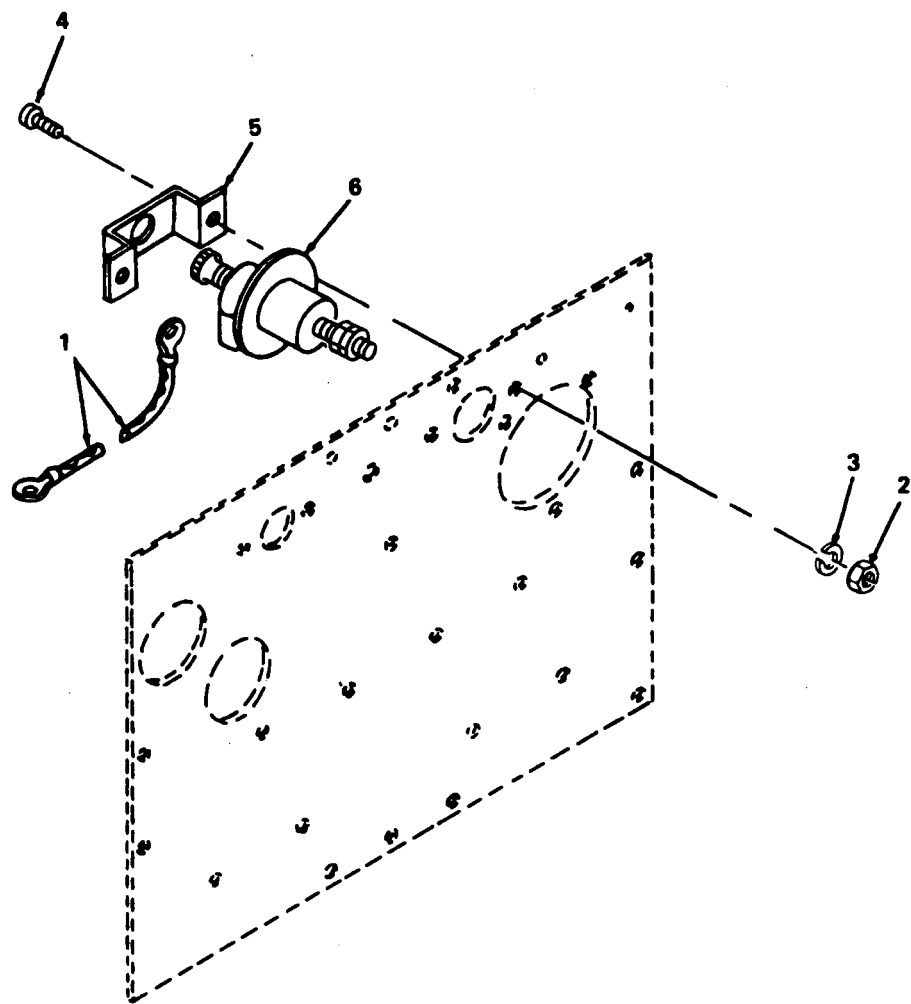


Figure 26. Low Oil Pressure Safety Switch.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM					
FIG. 26 LOW OIL PRESSURE SAFETY SWITCH					
1	XBOZZ	66289	12522AD	WIRE ASSEMBLY OIL PRESSURE SWITCH	1
2	PAOZZ	96906	MS35649-202	NUT, PLAIN, HEXAGON	2
3	PAOZZ	96906	MS35338-43	WASHER, LOCK	2
4	XDOZZ	25567	X10-02	SCREW, MACHINE	2
5	XAOZZ	25567	34621-024	BRACKET, SWITCH	1
6	PBOZZ	66289	YC48	SWITCH, PRESSURE	1
END OF FIGURE					

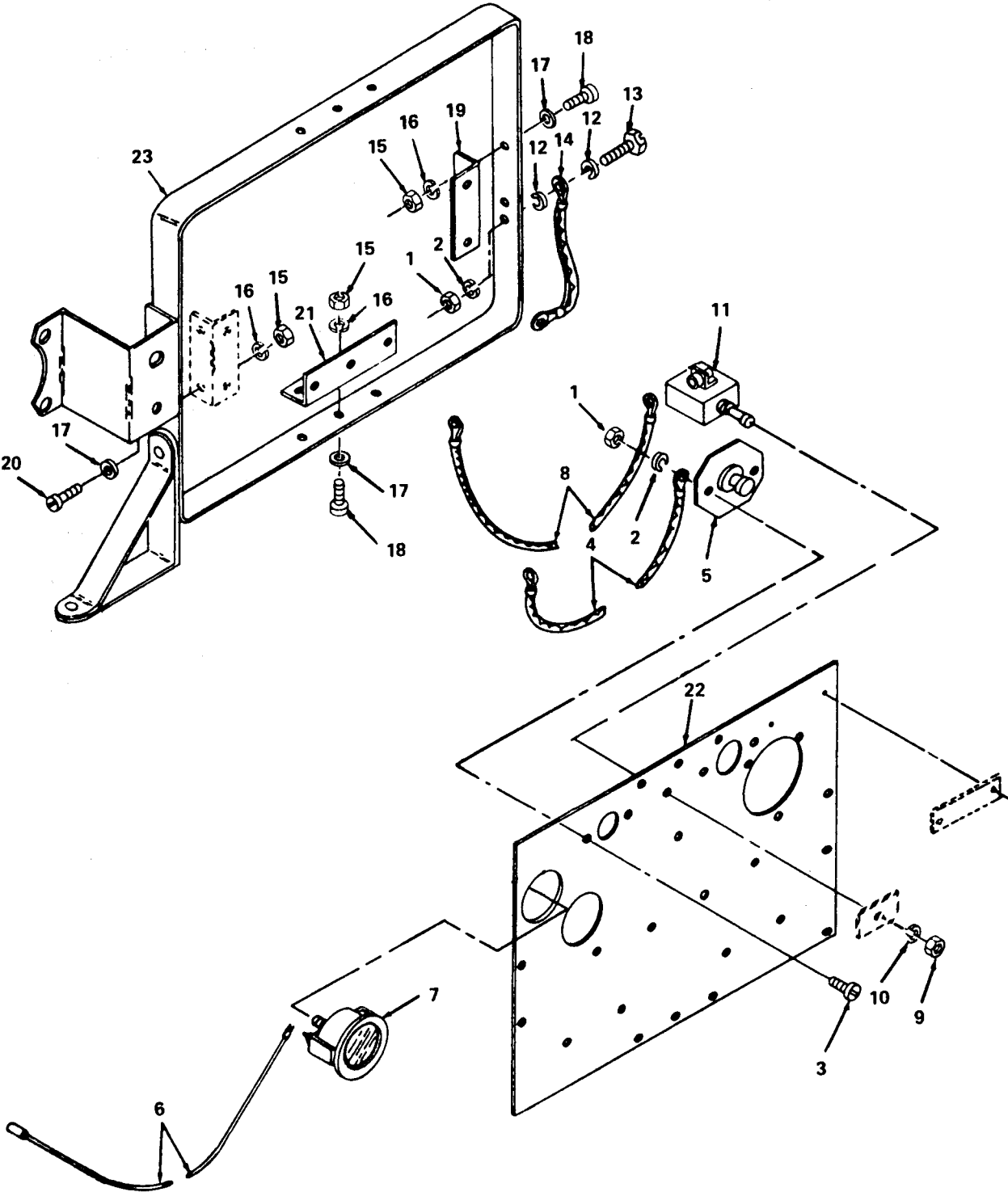


Figure 27. Control Panel and Gages.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM					
FIG. 27 CONTROL PANEL AND GAGES (ELECTRICAL)					
1	XDOZZ	96906	MS51967-2	NUT, PLAIN, HEXAGON	4
2	PAOZZ	96906	MS35338-44	WASHER, LOCK	4
3	PAOZZ	25567	X0403-15991	SCREW, MACHINE	2
4	XBOZZ	25567	12522AA	WIRE ASSEMBLY	1
5	PBOZZ	66289	YC10C	SWITCH, PUSH	1
6	XBOZZ	25567	12522AB	WIRE ASSEMBLY	1
7	PBOZZ	66289	YE6	AMMETER	1
8	XBOZZ	25567	12522AC	WIRE ASSEMBLY	1
9	XDOZZ	25567	AT06	NUT, PLAIN, HEXAGON	1
10	XDOZZ	66289	PE72	WASHER, LOCK	1
11	PAOZZ	66289	YC9FS1	SWITCH, PUSH-PULL	1
12	XDOZZ	25567	BL04-15991	WASHER, LOCK	4
13	PAOZZ	96906	MS90725-6	SCREW, CAP, HEXAGON H	2
14	XDOZZ	25567	12694-24040	STRAP, BOND	1
15	PAOZZ	96906	MS35649-202	NUT, PLAIN, HEXAGON	20
16	PAOZZ	96906	MS35338-43	WASHER, LOCK	20
17	PAOZZ	96906	MS27183-22	. WASHER, FLAT	8
18	PAOZZ	25567	X10-02-15991	SCREW, MACHINE	19
19	XBHZZ	25567	13061A15990	PLATE, MOUNTING, SIDE	2
20	PAOZZ	25567	X10-03-15991	SCREW, MACHINE	1
21	XBOZZ	25567	13061-15990	PLATE, MOUNTING TOP AND BOTTOM	2
22	XBOZZ	25567	33288-009	PANEL, INSTRUMENT	1
23	XBOZZ	25567	41435-020	FRAME, INSTRUMENT	1

END OF FIGURE

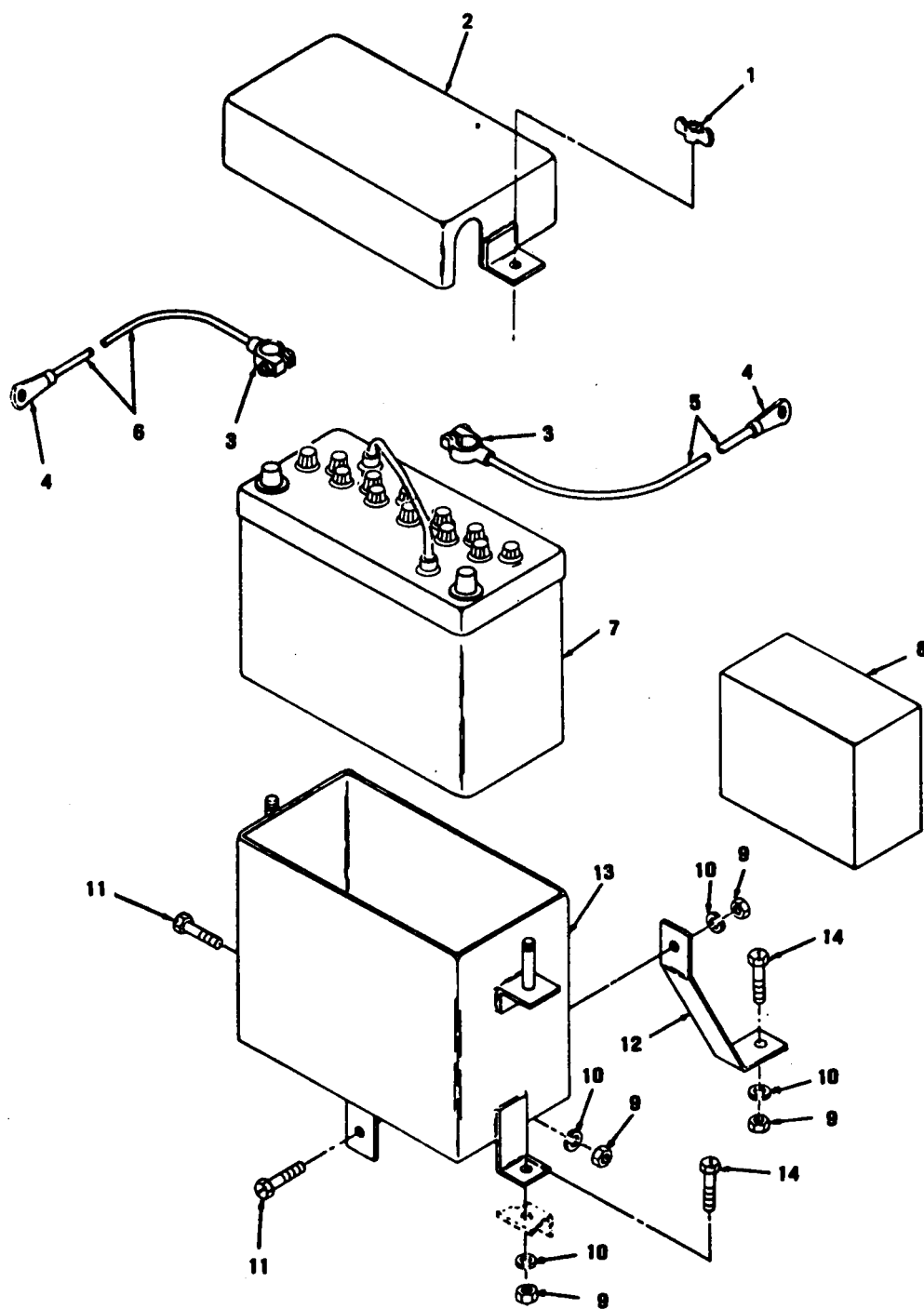


Figure 28. Battery and Battery Box.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-273-24P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM						
FIG. 28 BATTERY AND BATTERY BOX						
1	PAOZZ	25567	BB06-15991		NUT,PLAIN,WING	2
2	XBOZZ	25567	13080-15991		COVER,BATTERY BOX	1
3	XBOZZ	25567	S1115		.TERMINAL,BATTERY	1
4	XBOZZ	25567	S1026		.LUG,TERMINAL	1
5	PBOZZ	25567	38743-003		.WIRE,ELECTRICAL	1
6	XAOZZ	25567	38743-015		.CABLE,GROUND	1
7	PBOZA	96906	MS75047-1		BATTERY,STORAGE	1
8	PBOZZ	81348	OS801		SULFURIC ACID,ELECT	1
9	XDOZZ	96906	MS51967-2		NUT,PLAIN,HEXAGON BRACKET MTG	4
10	PAOZZ	96906	MS35338-44		.WASHER,LOCK 1/4 IN	4
11	PAOZZ	96906	MS90725-6		.SCREW,CAP,HEXAGON H	1
12	XBOZZ	25567	9733A15020		BRACKET,BATTERY	1
13	XBOZZ	25567	13079B24000		BOX,BATTERY	1
14	PAOZZ	96906	MS90725-8		.SCREW,CAP,HEXAGON H	2
END OF FIGURE						

2
3 AND 4

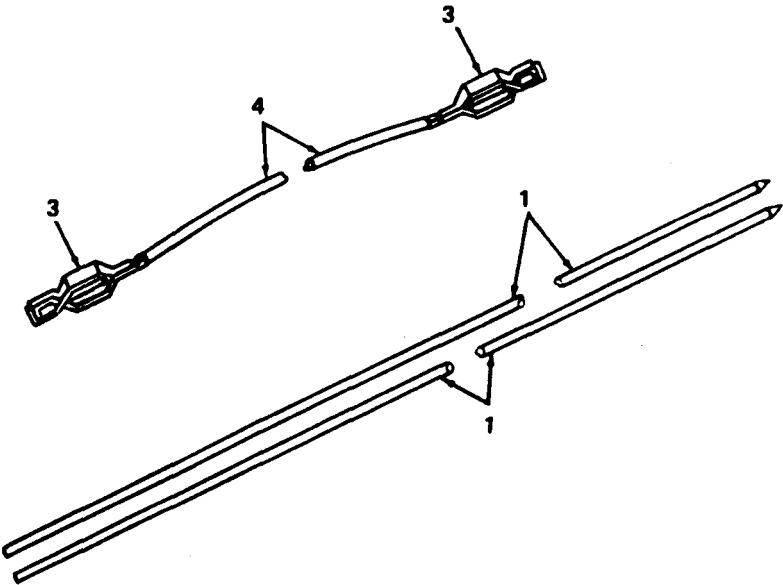


Figure 29. Ground Rod and Ground Wire Assembly.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 ELECTRICAL SYSTEM					
FIG. 29 GROUND ROD AND GROUND WIRE ASSEMBLIES					
1	PBOZZ	25567	S-1772	ROD, GROUND	2
2	PBOZZ	25567	9619	LEAD, IGNITION, ENGINE	2
3	XAOZZ	25567	S1256	.CLIP, ELECTRICAL	2
4	XAOZZ	25567	S1052	.WIRE, ELECTRICAL	1
END OF FIGURE					

1
2 THRU 18

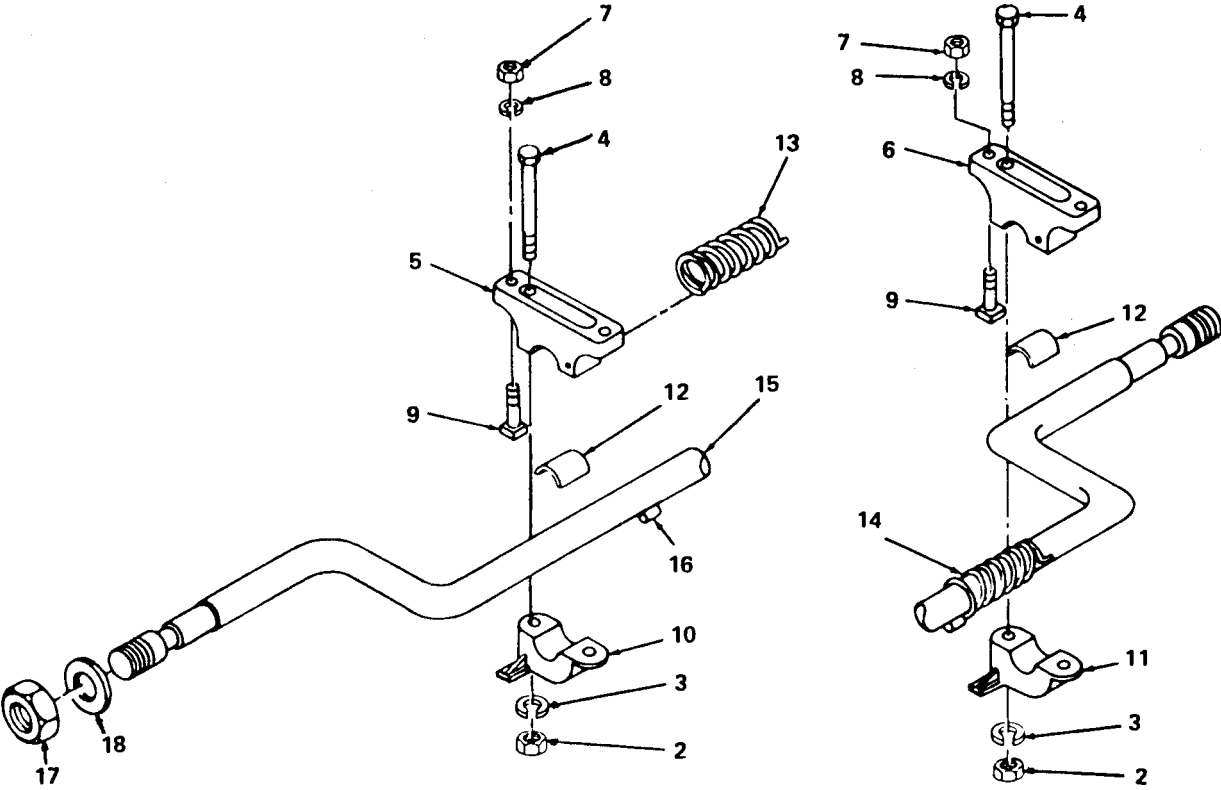


Figure 30. Axle Assembly.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-273-24P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 06 AXLE						
FIG. 30 AXLE ASSEMBLY						
1	XBFZZ	25567	29311-008		AXLE ASSEMBLY	1
2	PAFZZ	96906	MS51967-8		.NUT,PLAIN,HEXAGON	2
3	PAFZZ	96906	MS35338-46		.WASHER,LOCK	2
4	PAFZZ	96906	MS35355-66		.BOLT,MACHINE	2
5	XAFZZ	99024	72-804		.BRACKET TOP,RIGHT HALF	1
6	XAFZZ	99024	72-803		.BRACKET TOP,LEFT HALF	1
7	PAFZZ	96906	MS51967-14		.NUT,PLAIN,HEXAGON	2
8	XDFZZ	96906	MS35338-48		.WASHER,LOCK	2
9	PAFZZ	96906	MS90725-113		.SCREW,CAP,HEXAGON H	2
10	XDFZZ	99024	72-802		.BRACKET,AXLE BASE,RIGHT HALF	1
11	XAFZZ	99024	72-801		.BRACKET BASE,LEFT HALF	1
12	XDFZZ	99024	69-030		.BLOCK,SPACER INSERT AXLE BRACKET	2
13	XAFZZ	99024	69-499		.SPRING,HELICAL RIGHT HALF	1
14	XAFZZ	99024	69-500		.SPRING,HELICAL LEFT HALF	1
15	XAFZZ	99024	23684		.BODY,AXLE	1
16	XDFZZ	99024	68-643		.CLAMP,BRIDGE	2
17	XDFZZ	99024	16-5586		.NUT,WHEEL BEARING	2
18	PAOZZ	99024	16-5594		.WASHER,KEY	2
END OF FIGURE						

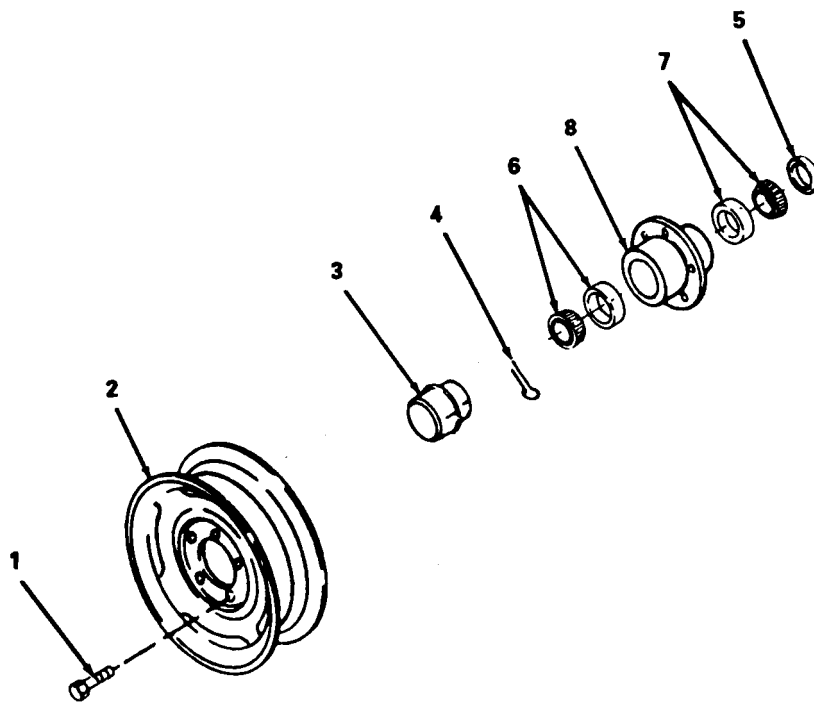


Figure 31. Wheel Assembly.

SECTION II				TM5-4320-273-24P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 07 WHEELS					
FIG. 31 WHEEL ASSEMBLY					
1	PAOZZ	33116	083922	BOLT,WHEEL MTG	10
2	XBOZZ	33116	082551	WHEEL,TIRE MTG	2
3	XBOZZ	33116	081733	CAP,GREASE	2
4	PAOZZ	55284	157131	PIN,COTTER	2
5	PAOZZ	33116	058846	SEAL,GREASE	2
6	XDOZZ	33116	044649	BEARING,TAPERED	4
7	PAOZZ	33116	068149	CONE AND ROLLERS,TA	4
8	XBOZZ	33116	086429	HUB,WHEEL FRONT	2
END OF FIGURE					

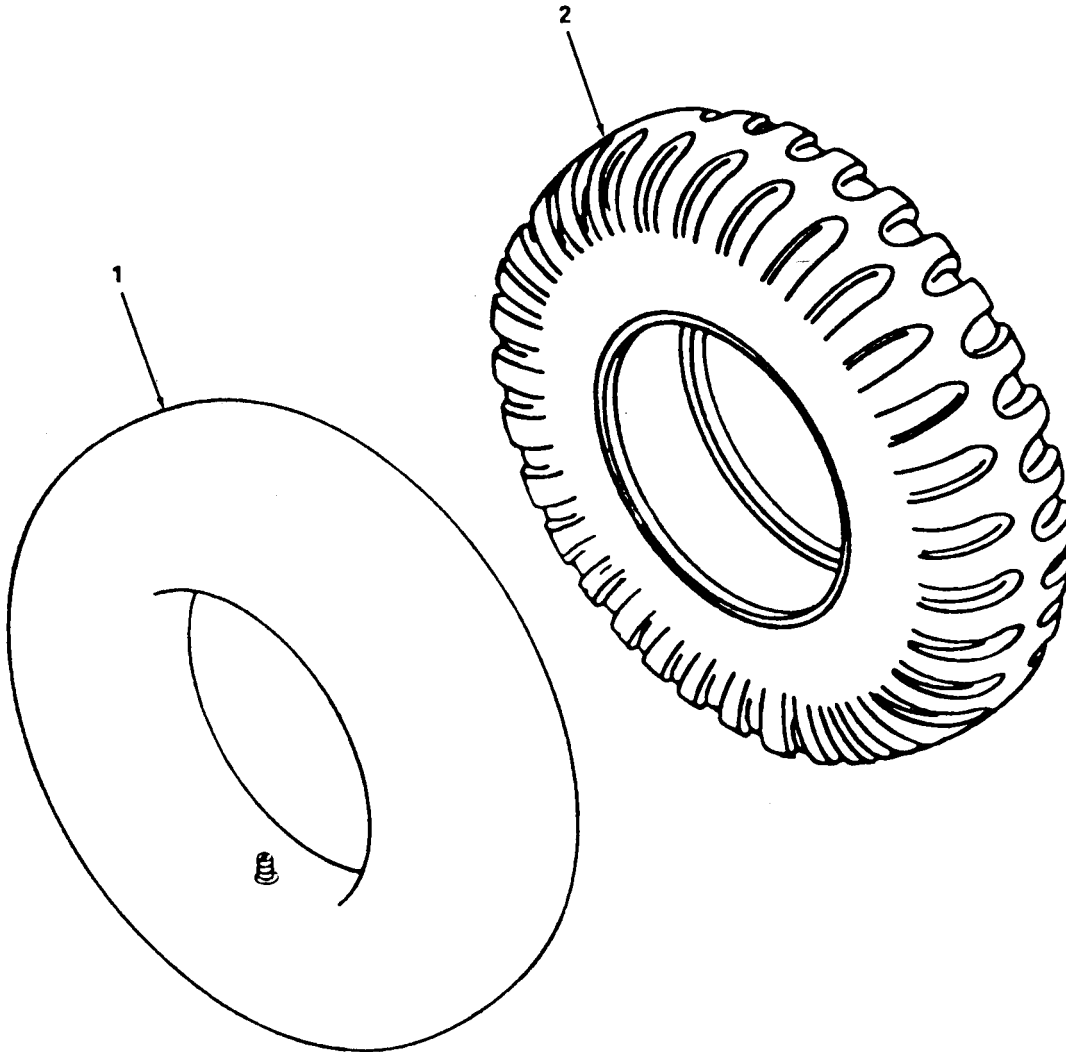


Figure 32. Tire and Inner Tube.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 07 WHEELS					
FIG. 32 TIRE AND INNER TUBE					
1	PAOZZ	96906	MS35392-157	INNER TUBE,PNEUMATI	2
2	PAOZZ	81348	ZZT381	TIRE,PNEUMATIC	2
END OF FIGURE					

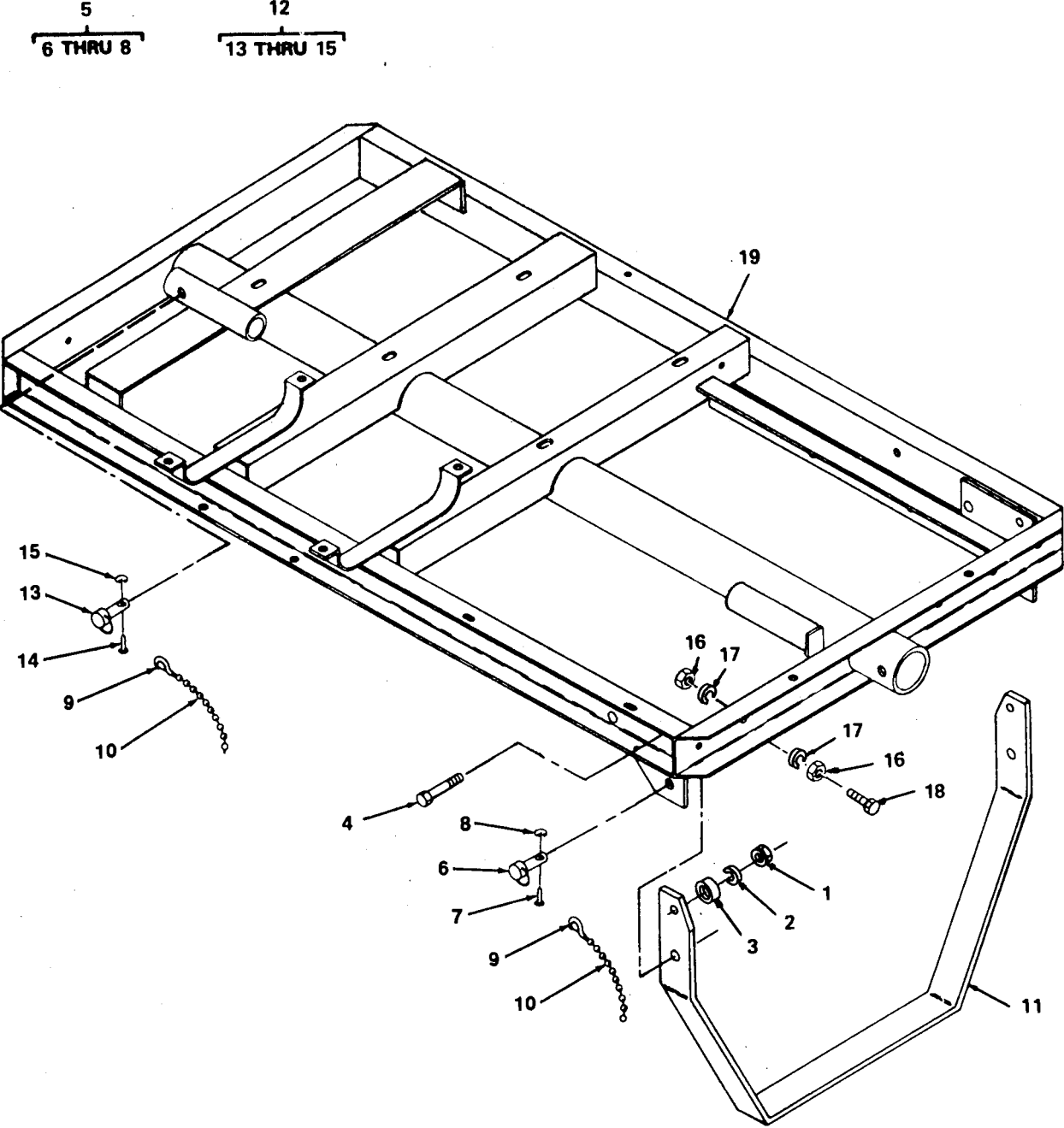


Figure 33. Frame, Front Stand and Attaching Parts.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-273-24P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 08 FRAME					
FIG. 33 FRAME, FRONT STAND, AND ATTACHING PARTS					
1	PAFZZ	96906	MS51967-20	NUT,PLAIN,HEXAGON STAND MTG	2
2	XDHZZ	96906	MS35338-50	.WASHER,LOCK	2
3	XBHZZ	25567	6114-15071	BUSHING,SPACER STAND MTG	2
4	PAHZZ	96906	MS90725-163	.SCREW,CAP,HEXAGON H	2
5	PBOZZ	25567	6137A	ANCHOR PIN ASSEMBLY	2
6	XAOZZ	25567	31871-010	.PIN,ANCHOR	1
7	XAOZZ	25567	S884	.PIN,SNAP	1
8	XAOZZ	25567	5228-15990	.RING,RETAINING	1
9	PAOZZ	25567	S1537	STAPLE	6
10	PAOZZ	90280	A1150-1	CHAIN,WELDLESS	8
11	XBHZZ	25567	5463B	STAND,FRONT	1
12	XDOZZ	25567	6010A	ANCHOR PIN ASSEMBLY	1
13	XAOZZ	25567	31871-009	.PIN,ANCHOR	1
14	XAOZZ	25567	S884	.PIN,SNAP	1
15	XAOZZ	25567	5228-15990	.RING,RETAINING	1
16	PAHZZ	96906	MS51967-5	NUT,PLAIN,HEXAGON	2
17	XDHZZ	25567	BL05-15991	WASHER,LOCK	2
18	PAHZZ	96906	MS90725-36	SCREW,CAP,HEXAGON H	1
19	XBHZZ	25567	6835B24000	FRAME ASSEMBLY	1
END OF FIGURE					

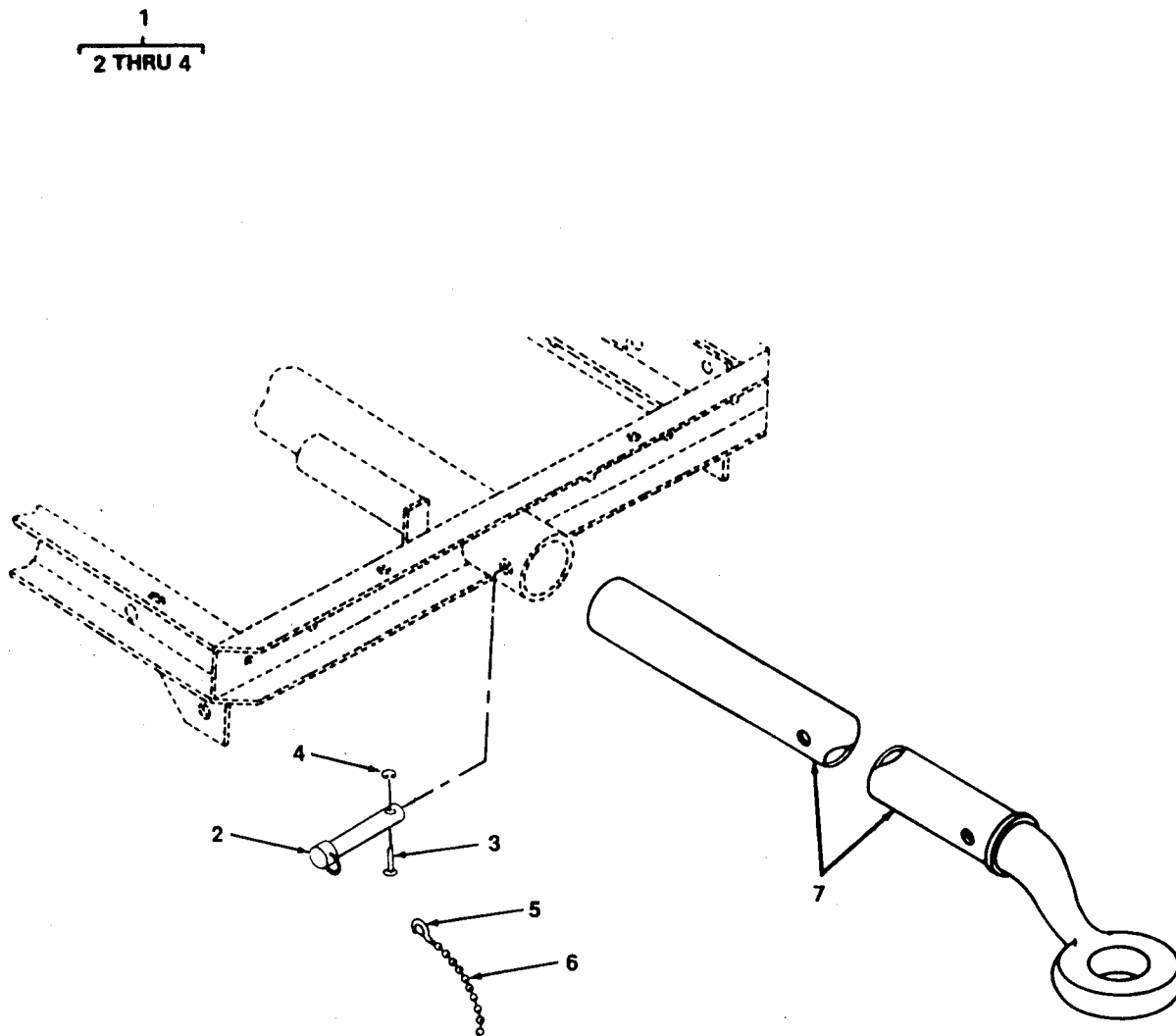


Figure 34. Frame Towing Attachment.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 08 FRAME					
FIG. 34 FRAME TOWING ATTACHMENT					
1	PBOZZ	25567	6010B	PIN, STRAIGHT, HEADED	1
2	XAOZZ	25567	31871-008	.PIN, ANCHOR	1
3	XAOZZ	25567	S884	.PIN, SNAP	1
4	XAOZZ	25567	5228-15990	.RING, RETAINING	1
5	PAOZZ	25567	S1537	STAPLE	3
6	PAOZZ	90280	A1150-1	CHAIN, WELDLESS	2
7	XBOZZ	25567	13062-24000	TONGUE, TOWING	1
END OF FIGURE					

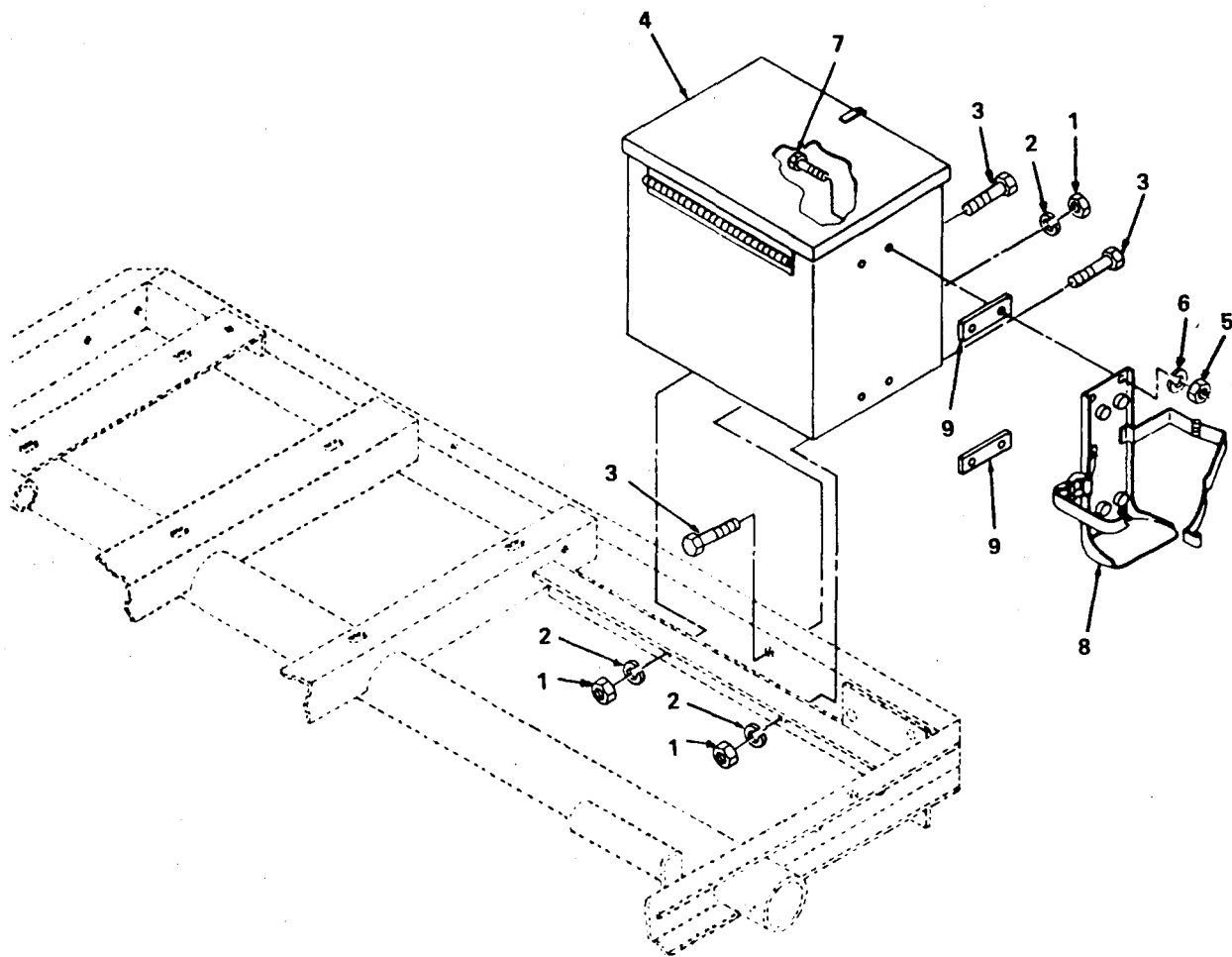


Figure 35. Tool Box Assembly and Fire Extinguisher Bracket.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 09 BODY, CAB, HOOD, AND HULL					
FIG. 35 TOOL BOX ASSEMBLY AND FIRE EXTINGUISHER BRACKET					
1	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON TOOL BOX MTG	3
2	PAOZZ	96906	MS35338-46	WASHER,LOCK	8
3	PAOZZ	96906	MS18154-60	SCREW,CAP,HEXAGON H	3
4	XBOZZ	25567	9698A	BOX ASSEMBLY,TOOL	1
END OF FIGURE					

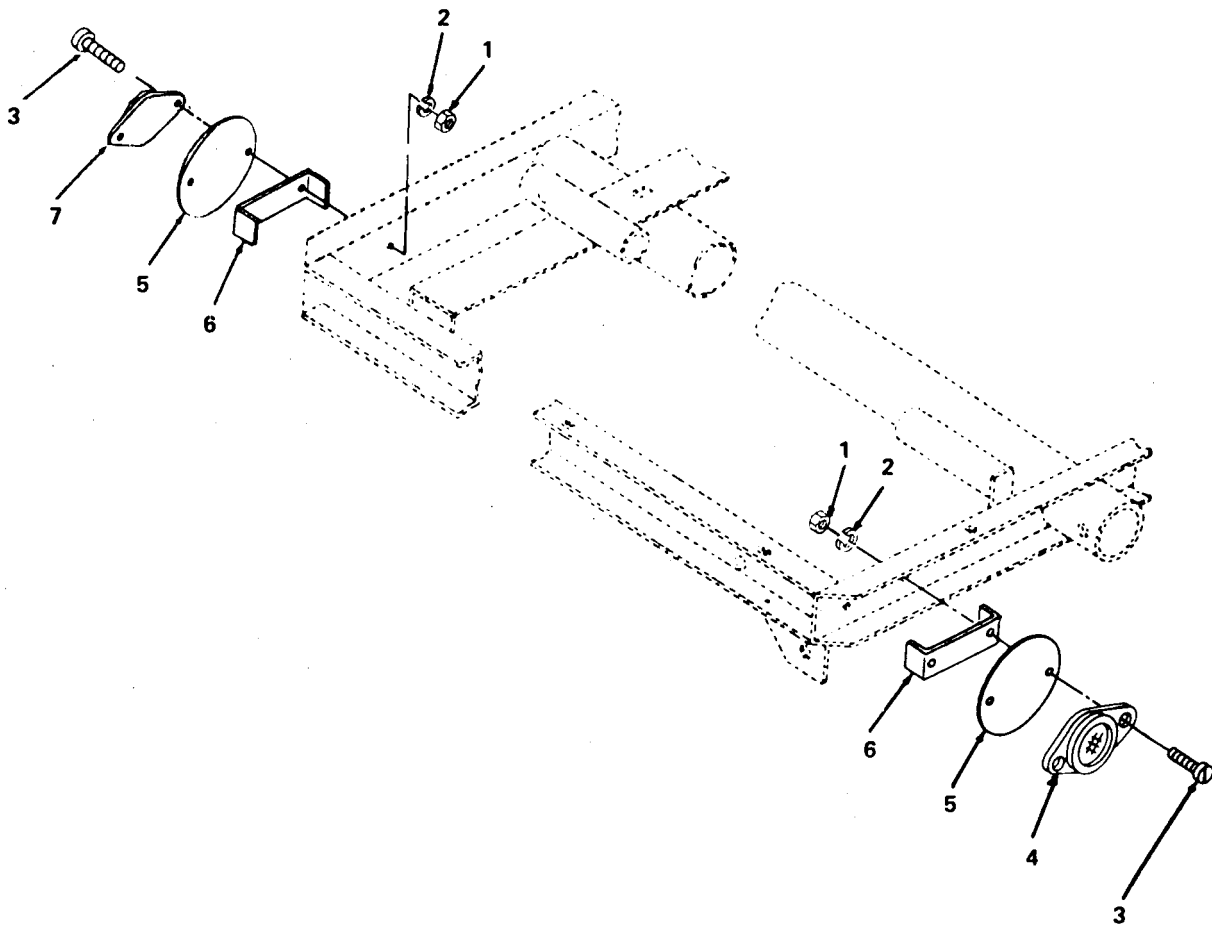


Figure 36. Reflectors and Related Parts.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 10 ACCESSORY ITEMS					
FIG. 36 REFLECTORS AND RELATED PARTS					
1	XDOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON REFLECTOR MTG	4
2	PAOZZ	96906	MS35338-44	WASHER,LOCK REFLECTOR MTG	4
3	PAOZZ	25567	X0408-15991	SCREW,MACHINE REFLECTOR MTG	4
4	PAOZZ	96906	MS35387-2	REFLECTOR,INDICATIN AMBER	2
5	XBOZZ	25567	12142-15990	PLATE, REFLECTOR MTG	2
6	XBOZZ	25567	6007-15990	SPACER REFLECTOR MTG	2
7	PAOZZ	96906	MS35387-1	REFLECTOR,INDICATIN RUBY	2
END OF FIGURE					

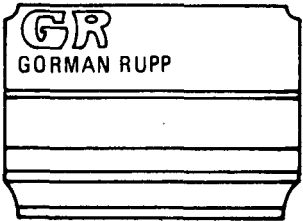
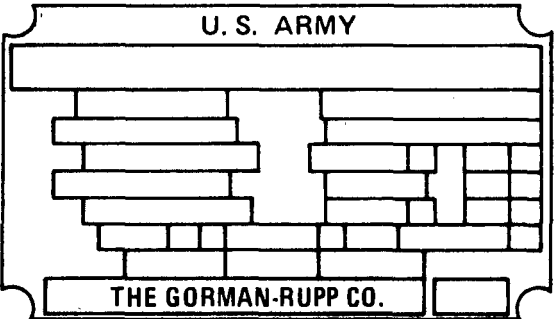
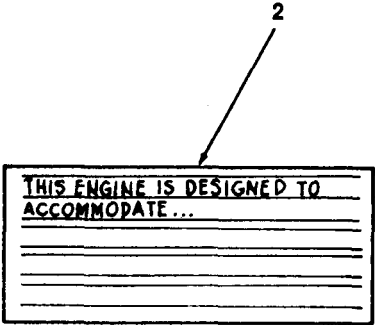
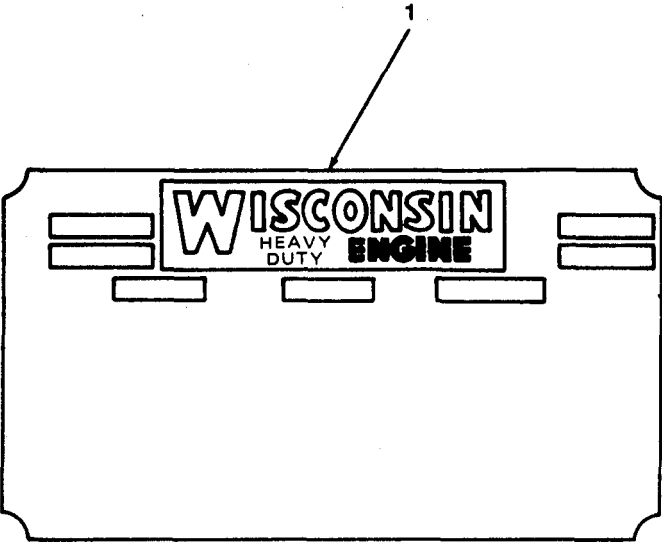


Figure 37. Data Plates.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 10 ACCESSORY ITEMS					
FIG. 37 DATA PLATES					
1	XCHZZ	66289	SD252	PLATE,INSTRUCTION ENGINE	1
	PAHZZ	96906	MS24649-10	SCREW,TAPPING,THREA	8
2	XCHZZ	66289	SD197D	PLATE MILITARY	1
	PAHZZ	96906	MS21318-1	SCREW,DRIVE PLATE MTG	2
3	XBHZZ	25567	2613AV14990	PLATE MANUFACTURERS	1
3	XCHZZ	25567	2613EL	PLATE,ID,U.S.ARM	1
	XBHZZ	25567	2613BXB14990	PLATE ENGINE PRESSURE	1
4	XBHZZ	25567	2613BXA14990	PLATE PUMP SUCTION	1
4	XBHZZ	25567	2613AY13990	PLATE,NAME:PUMP	1
	XBHZZ	66289	SD109	TAG,IDENTIFICATION MAGNETO SWITCH	1
	XBHZZ	24617	125675	SCREW,TAPPING	2
	XBHZZ	82796	A195	PLATE MAGNETO	1
	XBHZZ	66289	SD293	DECAL,INSTRUCTION FLYWHEEL	1
				ALTERNATOR	
	XBHZZ	66289	SD296	DECAL,INSTRUCTION AIR CLEANER	1
	PAOZZ	96906	MS35649-202	NUT,PLAIN,HEXAGON	3
END OF FIGURE					

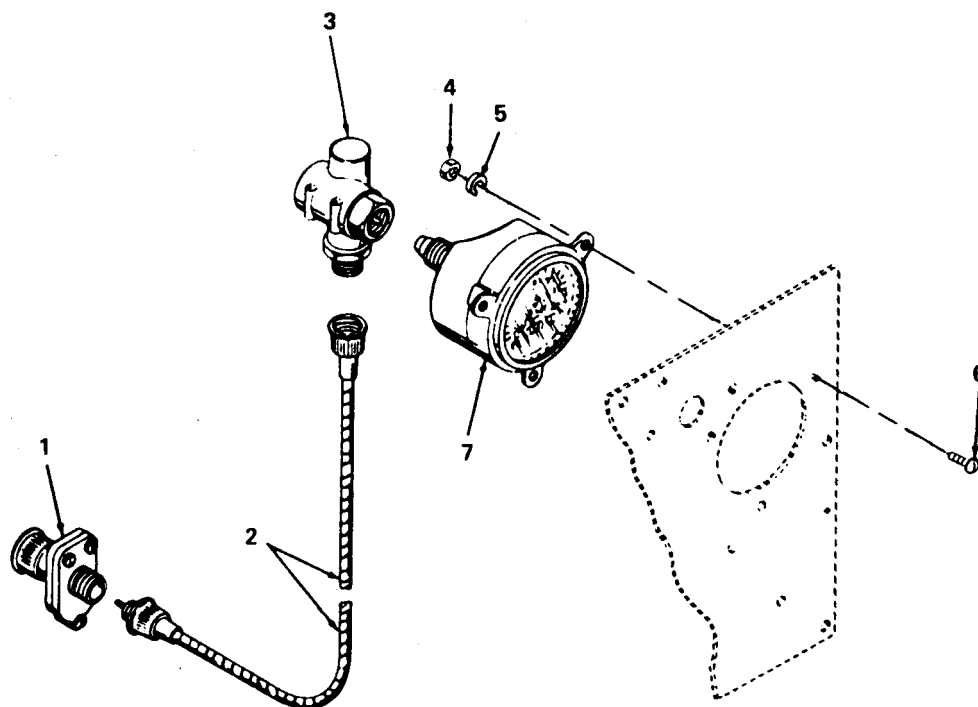


Figure 38. Tachometer-Hourmeter and Drive Assembly.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 11 GAGES, NON-ELECTRICAL					
FIG. 38 TACHOMETER-HOURLMETER AND DRIVE ASSEMBLY					
1	XBOZZ	57733	777D	ADAPTER, STRAIGHT TACHOMETER SHAFT DRIVE	1
2	PBOZZ	57733	446058-48	SHAFT ASSEMBLY, FLEX DRIVE	1
3	XBOZZ	57733	ES411335	ADAPTER, REVERSING TACHOMETER	1
4	XDHZZ	25567	D8-15991	NUT, PLAIN, HEXAGON TACHOMETER MTG	3
5	PAOZZ	96906	MS35338-42	WASHER, LOCK TACHOMETER MTG	3
6	PAHZZ	25567	X8-02 1-2 15991	SCREW, MACHINE TACHOMETER MTG	3
7	PAODZ	96906	MS35916-2	TACHOMETER, MECHANIC	1
END OF FIGURE					

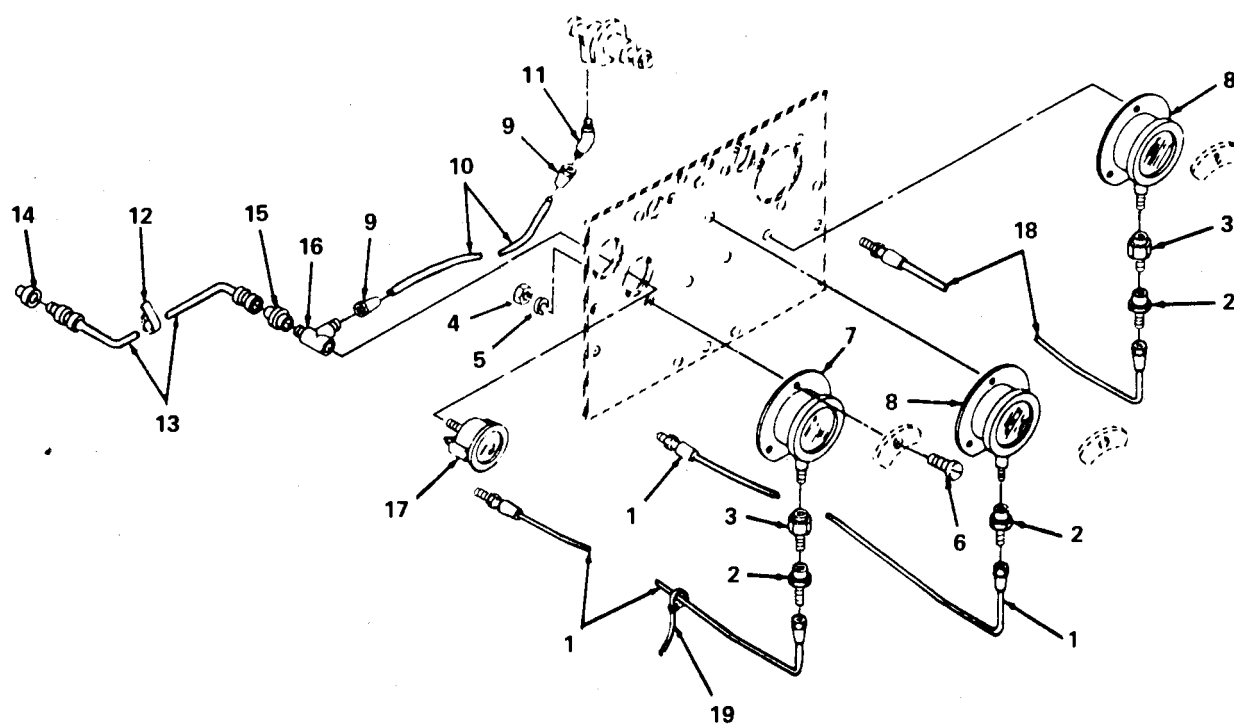


Figure 39. Gages, Lines and Fittings.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 11 GAGES, NON-ELECTRICAL					
FIG. 39 GAGES, LINES, AND FITTINGS					
1	PAOZZ	79470	00904H102404-046 000	HOSE ASSEMBLY, NONME	1
2	XBOZZ	25567	S925	ADAPTER, STRAIGHT	3
3	XBOZZ	25567	S873	DAMPENER, FLUID PRES	1
4	PAOZZ	96906	MS35649-202	NUT, PLAIN, HEXAGON GAGE MTG	3
5	PAOZZ	96906	MS35338-43	WASHER, LOCK GAGE MTG	3
6	XDHZZ	25567	X10-03	SCREW, MACHINE	2
7	PBOZZ	25567	S714	GAGE, PRESSURE, DIAL	1
8	PBOZZ	25567	S715	GAGE, VACUUM, DIAL	2
9	PAOZZ	25567	S293	NUT, TUBE COUPLING	2
10	XBOZZ	25567	W00428-14990	TUBING, COPPER	1
11	PAOZZ	15434	S1047A	ELBOW, PIPE TO TUBE	1
12	PAOZZ	96906	MS21333-67	CLAMP, LOOP	1
13	PBOZZ	25567	S515C	HOSE ASSEMBLY, NONME	1
14	PAOZZ	81348	WWP471TYPE2	BUSHING, PIPE	1
15	PBOZZ	96906	MS39159-3	ADAPTER, STRAIGHT, PI	1
16	PBOZZ	79470	56X4	TEE, PIPE TO TUBE	1
17	XDOZZ	66289	RS11	GAGE, PRESSURE, DIAL	1
18	XDOZZ	25567	S515D	HOSE ASSEMBLY	1
19	PBOZZ	25567	27111-212	.TIEBACK, HOSE AND CABLE	4
END OF FIGURE					

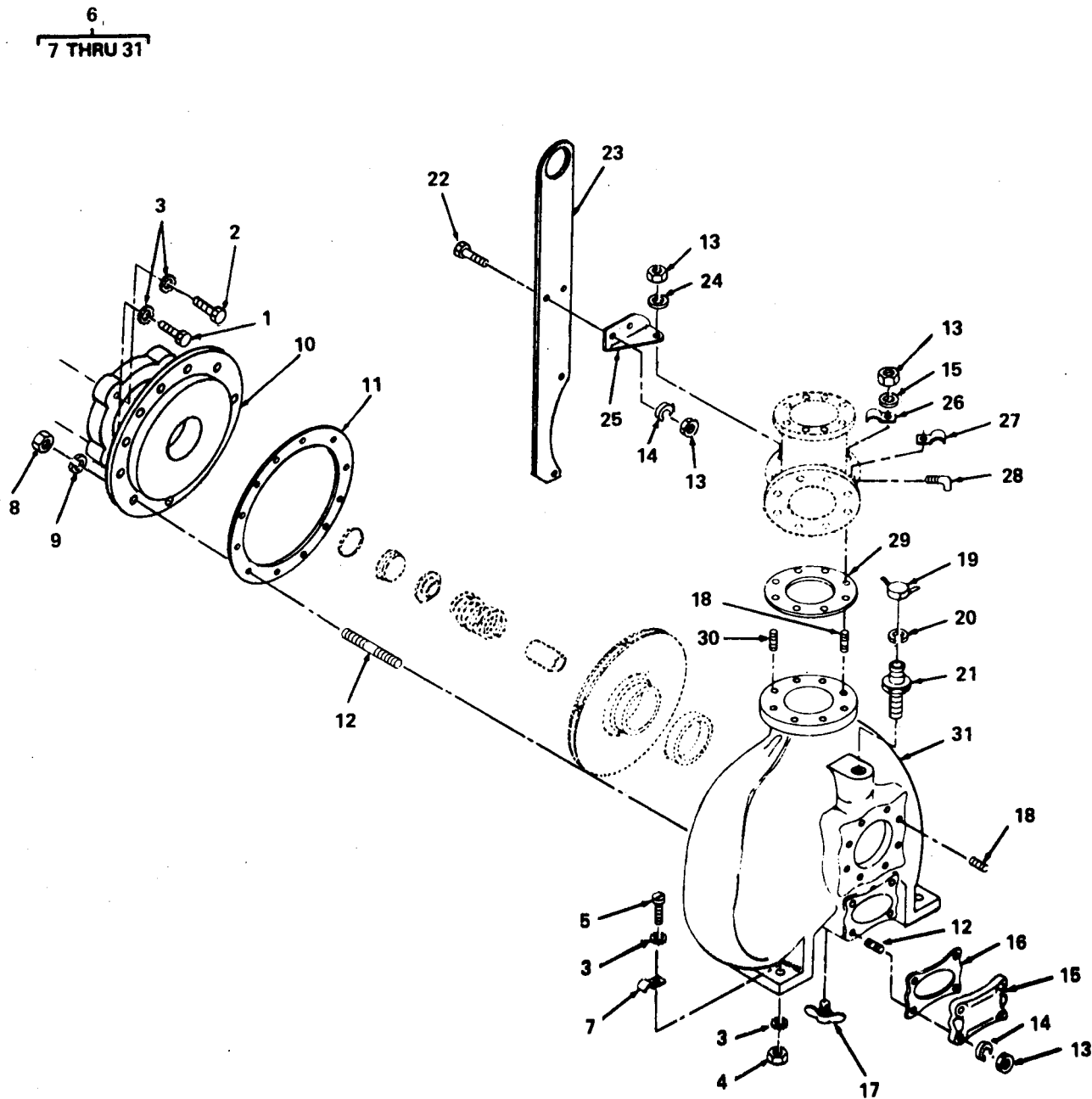


Figure 40. Pump Assembly.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-273-24P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 12 PUMPS					
FIG. 40 PUMP ASSEMBLY					
1	PAFZZ	96906	MS90725-166	SCREW,CAP,HEXAGON PUMP HOUSING	2
2	PAFZZ	96906	MS90725-165	SCREW,CAP,HEXAGON PUMP HOUSING	2
3	PAFZZ	25567	BL10-15991	WASHER,LOCK PUMP HOUSING	4
4	PAFZZ	96906	MS51967-20	NUT,PLAIN,HEXAGON PUMP MTG	2
5	PAFZZ	96906	MS90725-164	SCREW,CAP,HEXAGON H PUMP MTG	2
6	XBOZZ	25567	38116-013	STRAP,RETAINING	1
7	XDFHZ	25567	8561B	PUMP ASSEMBLY	1
8	PAFZZ	96906	MS51967-14	.NUT,PLAIN,HEXAGON PUMP HOUSING	12
9	XDFZZ	25567	BL08-15991	.WASHER,LOCK PUMP HOUSING	12
10	XBHZZ	25567	3768-13045	.HOUSING	1
11	PAFZZ	25567	3768GA19140	.GASKET,HOUSING PUMP HOUSING	1
12	XDOZZ	25567	C0808-15991	.STUD,PLAIN PUMP HOUSING	12
13	PAFZZ	96906	MS51967-8	.NUT,PLAIN,HEXAGON	14
14	PAFZZ	96906	MS35338-46	.WASHER,LOCK	14
15	XBFZZ	25567	4635-13045	.PLATE ACCESS	1
16	XDFZZ	25567	4635GA20000	.GASKET	1
17	XBFZZ	25567	S874	.COCK,DRAIN	1
18	PAFZZ	25567	C0606	.STUD,PLAIN	15
19	PBOZZ	96906	MS27028-11	.CAP,PROTECTIVE,DUST	1
20	PAOZZ	81718	H6388M	.WASHER,FLAT	1
21	PBFZZ	96906	MS27022-11	.COUPLING,HALF	1
22	XDFZZ	96906	MS90728-60	.SCREW,CAP,HEXAGON H	2
23	XBHZZ	25567	6001B15990	.BAIL,LIFTING	1
24	XDFZZ	90183	AF32T20000A14-4	.WASHER,FLAT	1
25	XBFZZ	25567	6002-15990	.SUPPORT,LIFTING	1
26	PAOZZ	25567	38116-011	STRAP,RETAINING	1
27	PAOZZ	25567	14004	STRAP,RETAINING	1
28	PAOZZ	96906	MS39231-1	.ELBOW,PIPE	1
29	PAFZZ	25567	5372G20000	.GASKET	1
30	PAFZZ	05748	2418	.STUD,PLAIN	5
31	XAFZZ	25567	4634E13045	.VOLUTE,PUMP	1

END OF FIGURE

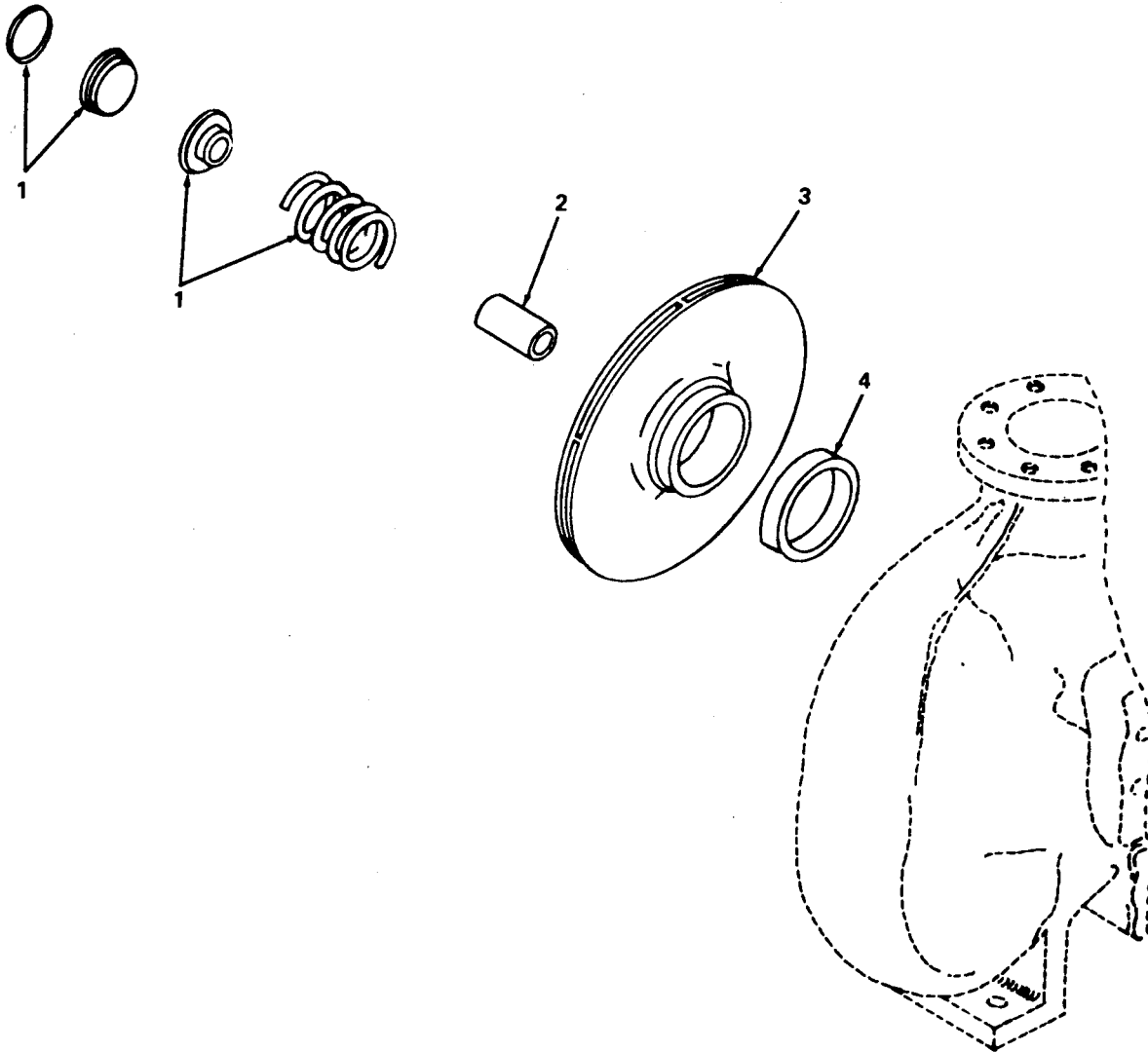


Figure 41. Internal Pump Components.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-273-24P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 12 PUMPS						
FIG. 41 INTERNAL PUMP COMPONENTS						
1	XDFZZ	25567	S1150		.SEAL, SHAFT	2
2	PBFZZ	25567	3428D17030		.SLEEVE, SHAFT, PUMP	1
3	PBHZZ	25567	3762K14070		.IMPELLER, PUMP	1
4	PBHZZ	25567	3765A10011		.RING, WEAR	1
END OF FIGURE						

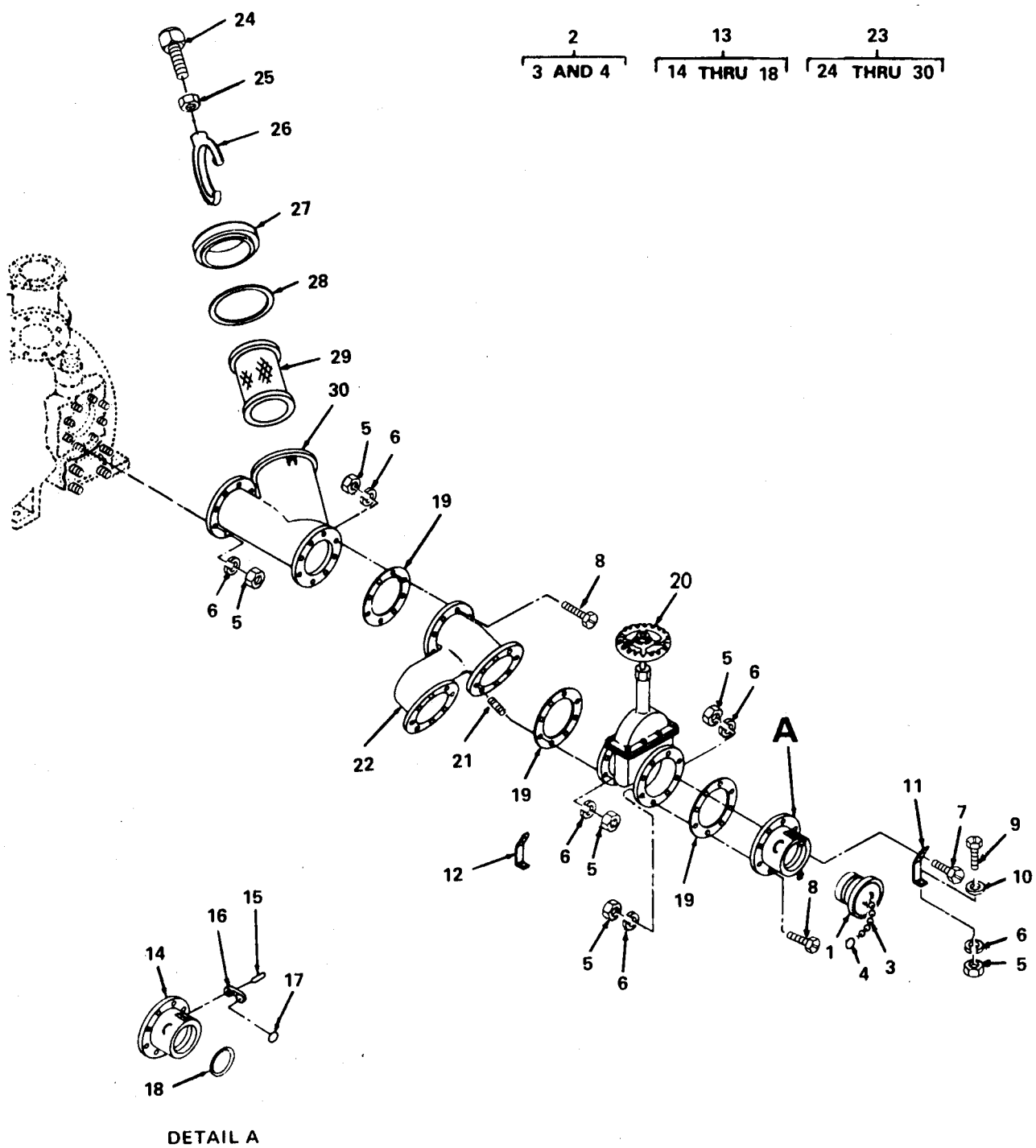


Figure 42. Frame Towing Attachment.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 12 PUMPS					
FIG. 42 FRAME TOWING ATTACHMENT					
1	XBOZZ	96906	MS27029-17	PLUG,QUICK DISCONNE	2
2	XBOZZ	81718	H1436	CHAIN ASSEMBLY	1
3	XBOZZ	81718	H1288M	.CHAIN,SASH	1
4	XBOZZ	81718	H1434M	.RING,RETAINING	2
5	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON	48
6	PAOZZ	96906	MS35338-46	WASHER,LOCK	48
7	PAOZZ	96906	MS90725-65	SCREW,CAP,HEXAGON H BRACKET MTG	2
8	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H HEAD,CD PLTD,3/ 8-16,1/2 IN.LG	14
9	PAOZZ	96906	MS18154-60	SCREW,CAP,HEXAGON H	2
10	PAOZZ	96906	MS21306-1	WASHER,FLAT	2
11	XBFZZ	25567	9734A15020	BRACKET,SUPPORT SUCTION VALVE,RH	1
12	XBFZZ	25567	9734B15020	BRACKET,SUPPORT SUCTION VALVE,LH	1
13	XBOZZ	96906	MS27027-17	COUPLING HALF	2
14	XBOZZ	81718	D803A	.BODY,COUPLER	1
15	XAOZZ	81718	H6472RS	.PIN,RETAINING	2
16	XAOZZ	81718	B1850	.LEVER,CAM QUICK DISCONNECT	2
17	XBOZZ	81718	H6451M	.RING,CONNECTING	2
18	PAOZZ	81718	H6476M	.GASKET COUPLER	2
19	PAFZZ	25567	5372G20000	GASKET FLANGE	2
20	PBOZZ	25567	S793B	VALVE,GLOBE	2
21	PAOZZ	25567	C0606-15991	STUD,PLAIN	16
22	XDOZZ	25567	9546-13045	SUCTION MANIFOLD AS	1
23	XBOZZ	25567	S795B	STRAINER, SEPARATOR	1
24	PAOZZ	96906	MS51955-142	.SETSCREW	1
25	XDOZZ	81718	H4214M	.NUT,PLAIN,HEXAGON	1
26	SBOZZ	81718	H366M1	.YOKE,STRAINER	1
27	XBOZZ	81718	H477I	.CAP,STRIANER	1
28	PAOZZ	81718	H508M	.GASKET COVER	1
29	XDOZZ	81718	C0369	.STRAINER ELEMENT,SE	1
30	XBOZZ	25567	D1107A	.Y BODY STRAINER	1

END OF FIGURE

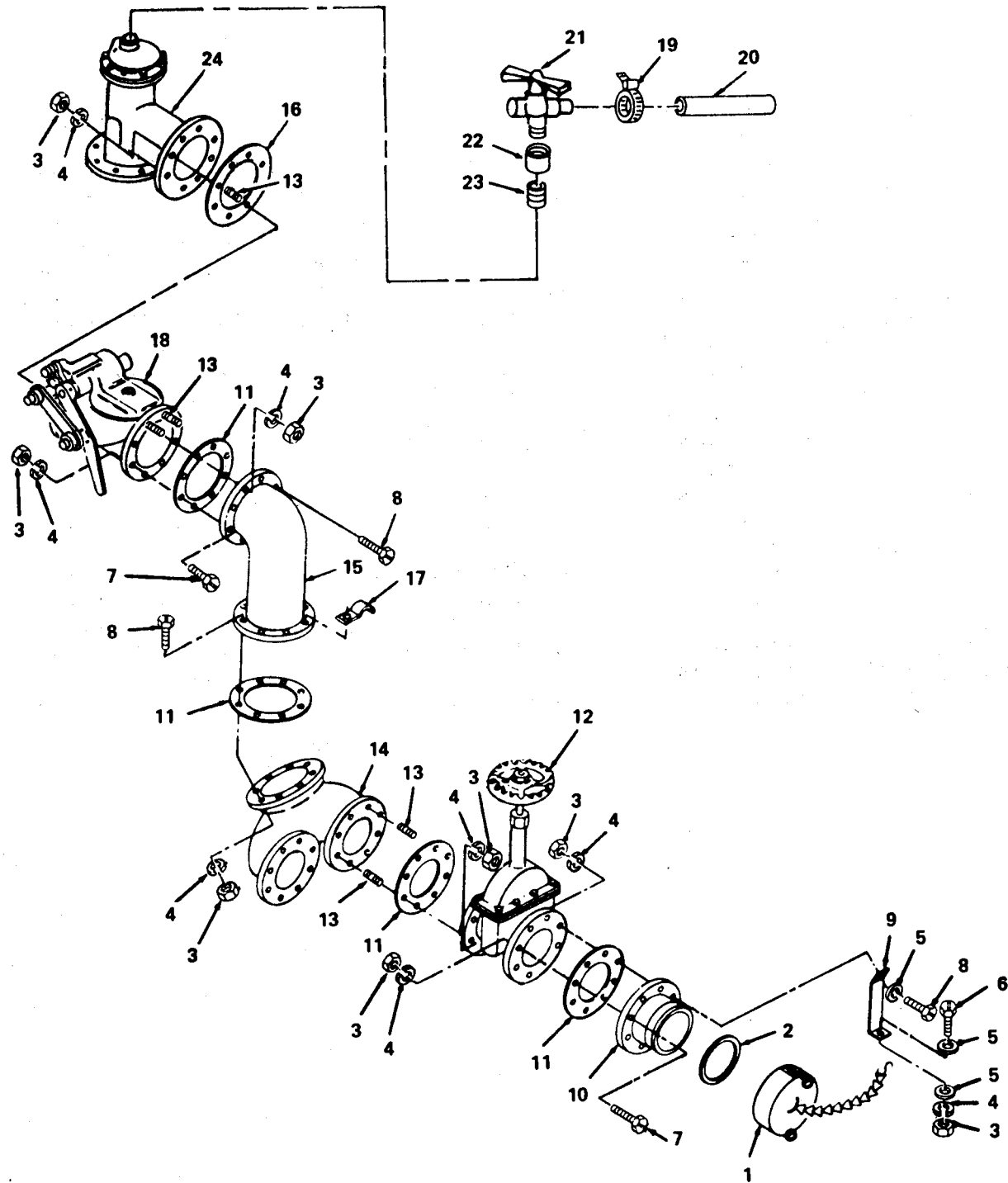


Figure 43. Discharge Piping Arrangement.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-273-24P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 12 PUMPS					
FIG. 43 DISCHARGE PIPING ARRANGEMENT					
1	XBOZZ	96906	MS270028-17	CAP,DUST	2
2	PAOZZ	81818	H6476M	.GASKET DUST CAP	2
3	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON DISCHARGE PIPING	42
4	PAOZZ	96906	MS35338-46	WASHER,LOCK DISCHARGE PIPING	42
5	PAOZZ	96906	MS21306-1	.WASHER,FLAT	3
6	PAOZZ	96906	MS90725-62	SCREW,CAP,HEXAGON H BRACKET MTG	2
7	XDOZZ	96906	MS90725-64	.SCREW,CAP,HEXAGON H	14
8	PAOZZ	96906	MS90725-65	SCREW,CAP,HEXAGON H	14
9	XBFZZ	25567	6836A15990	BRACKET,SUPPORT DISCHARGE VALVE	2
10	XBOZZ	96906	MS270023-17	COUPLING,HALF	2
11	PAOZZ	25567	5372G20000	GASKET COUPLING	2
12	XBOZZ	25567	S793B	VALVE,GATE	4
13	PAOZZ	25567	C0606-15991	STUD,PLAIN	16
14	XBOZZ	25567	8514-13045	MANIFOLD,DISCHARGE	1
15	XBOZZ	25567	7085-13045	ELBOW,PIPE	1
16	PAOZZ	25567	5371GA19140	GASKET	1
17	PAOZZ	25567	38116-012	.STRAP,RETAINING	1
18	XDOZO	25567	5361	VALVE,STOP-CHECK	1
19	PAOZZ	25567	S1056	CLAMP,HOSE	1
20	PAOZZ	10988	D34989	HOSE,NONMETALLIC	1
21	PBOZZ	25567	S964	COCK,DRAIN	1
22	PAOZZ	96906	MS39233-2	COUPLING,PIPE	1
23	PAOZZ	96906	MS51953-25	NIPPLE,PIPE	1
24	XBOZZ	25567	S00635	VALVE,FLOAT	1

END OF FIGURE

Section III. SPECIAL TOOLS LIST

(Not Applicable)

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4730-00-011-8537	39	9	5310-00-221-3129	8	2
5307-00-025-7991	2	5	5930-00-224-5668	27	11
5305-00-042-6417	30	9	5305-00-225-3839	28	14
4730-00-042-8988	12	11	5306-00-225-8496	9	15
5310-00-045-3296	26	3	5306-00-225-8498	17	3
	27	16	5306-00-226-4825	2	14
	39	5		7	1
5310-00-045-3299	38	5		14	4
5340-00-050-1591	2	9		15	9
5305-00-051-0827	40	5	2920-00-233-8163	22	10
5340-00-054-1404	2	8	5310-00-234-4934	9	3
5305-00-058-5041	42	24	2920-00-237-0126	22	8
6140-00-059-3528	28	7	5315-00-241-7332	31	4
5310-00-061-1258	24	11	2920-00-247-6663	23	9
4730-00-063-7919	43	19	4730-00-249-3914	12	8
4720-00-066-2409	14	2	4730-00-249-3932	40	28
5305-00-068-0498	21	10	5305-00-253-5603	37	
5305-00-068-0500	21	4	4730-00-268-3697	17	1
5305-00-068-0502	14	8	5305-00-269-3206	21	16
	27	13	5305-00-269-3213	43	6
	28	11	5305-00-269-3215	42	7
5305-00-071-2508	21	1		43	8
5340-00-079-7837	39	12	5305-00-269-3217	24	12
4730-00-090-0832	39	15	5930-00-274-5124	27	5
4710-00-096-6923	11	2	4730-00-278-3397	2	10
3110-00-100-4162	4	12		10	1
2940-00-141-9025	11	20	4730-00-278-8948	39	16
2910-00-141-9758	16	16	2920-00-279-6104	24	8
2920-00-142-0888	25	10	5310-00-285-2191	24	13
4730-00-142-2177	16	6	3040-00-288-2655	17	8
2910-00-142-2738	18	5	4720-00-288-9766	15	3
3020-00-174-5508	8	21	4730-00-289-4746	39	11
4730-00-186-3024	39	14	5330-00-291-1695	7	8
4010-00-186-9411	33	10	5330-00-292-3984	12	6
	34	6	2910-00-339-4836	14	6
5330-00-187-2962	18	6	5340-00-339-5589	8	7
4730-00-187-7594	12	10	5330-00-343-3273	12	5
4730-00-187-7610	43	22	5970-00-350-5143	22	13
5310-00-194-0021	23	8	4320-00-353-5884	10	3
4730-00-196-1465	43	23	2805-00-353-5924	21	14
4730-00-196-2055	16	5	2805-00-353-5925	21	9
4730-00-196-2080	12	9	2805-00-353-5926	21	13
9905-00-202-3639	36	4	2805-00-353-5927	21	8
9905-00-205-2795	36	7	2805-00-353-5931	21	7
5306-00-206-1071	2	11	4730-00-359-3872	9	18
	8	13	5307-00-360-0580	40	30
	9	4	5307-00-360-0720	40	18
5305-00-207-8999	37		5330-00-360-0924	40	20
5307-00-208-5815	3	7	2805-00-360-8326	9	12
5310-00-209-3586	5	3	5307-00-360-8327	2	4

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5305-00-360-8351	22	11	2990-00-624-9956	17	5
5330-00-360-8381	24	15	5306-00-637-8557	30	4
3040-00-366-6248	8	16	5310-00-637-9541	4	3
5360-00-366-6249	8	17		16	10
5305-00-366-6257	8	19		21	17
5315-00-366-6258	8	20		30	3
4710-00-366-6289	9	19		35	2
3120-00-374-9710	6	13		40	14
2805-00-374-9746	8	5		42	6
2805-00-382-8033	8	9		43	4
5330-00-383-3549	4	5	4730-00-639-9730	14	1
6680-00-419-6012	38	2	2920-00-640-7234	25	8
4820-00-424-2806	8	11	2805-00-640-8637	6	6
5307-00-428-2136	2	3	4730-00-649-9100	40	19
5910-00-445-6891	25	5	5330-00-654-4275	24	
5340-00-453-9127	24	6	5315-00-656-7464	33	9
4730-00-454-5041	15	1		34	5
4730-00-456-9875	11	1	5310-00-682-5930	15	11
4720-00-460-2477	43	20		21	2
4710-00-464-3768	11	4	5330-00-684-7851	16	17
5330-00-485-0835	31	5	4730-00-692-8775	11	5
5930-00-504-3657	26	6	2610-00-717-6420	32	2
5310-00-514-6674	8	14	6685-00-718-9985	39	7
5330-00-523-8602	25	3	5305-00-724-5911	1	1
2805-00-524-9552	8	18		33	4
3020-00-528-7931	8	15	5305-00-724-5913	40	1
5306-00-545-0931	23	7	5305-00-724-6761	1	6
2805-00-554-9255	6	1	5305-00-727-3804	40	2
6685-00-566-8856	39	8	5310-00-732-0558	16	9
2990-00-571-0454	20	3		24	9
2805-00-574-8856	8	10		30	2
5310-00-582-5965	9	8		35	1
	14	9		40	13
	21	5		42	5
	27	2		43	3
	28	10	5330-00-732-7749	42	28
	36	2	5307-00-737-5503	24	14
5365-00-584-1613	4	8	5340-00-761-8959	20	2
5315-00-584-1623	4	18	5310-00-763-8920	1	4
5310-00-584-8729	17	6		33	1
2990-00-590-2666	19	1		40	4
2610-00-591-2865	32	1	2805-00-766-8163	3	3
5310-00-595-7237	24	10	5310-00-768-0318	30	7
5360-00-597-0928	8	8		40	8
5330-00-599-1285	11	19	5306-00-776-8025	11	7
2805-00-605-1491	6	8	2910-00-777-7183	14	10
	6	12	2920-00-778-3833	29	2
4320-00-617-7799	20	1	2805-00-797-0514	9	23
5330-00-624-9940	4	9	2920-00-810-7082	24	7
	13	4	3120-00-817-5081	6	14

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NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
6680-00-825-2076	38	7	5315-01-017-8349	33	5
5315-00-825-4593	4	17	5315-01-017-8350	34	1
4730-00-827-4223	17	2	5310-01-018-6495	30	18
5310-00-846-1376	3	2	2805-01-023-5320	6	4
5310-00-865-6073	42	10	2910-01-023-5778	16	1
	43	5	5310-01-023-9097	28	1
2920-00-880-3428	24	16	6680-01-025-6061	16	19
5310-00-880-7744	9	1	2805-01-042-0396	1	3
	15	7	5306-01-075-8519	33	18
	33	16	2940-01-152-2738	15	6
2920-00-887-1289	24	3	4730-01-205-3954	12	7
5330-00-899-4509	42	18	5340-01-205-3958	40	26
	43	2	2805-01-205-3964	6	
2920-00-924-2042	24	2	2910-01-205-3965	16	18
5310-00-934-9758	5	2	5340-01-206-1280	40	27
	26	2	5340-01-206-1281	43	17
	27	15	4820-01-206-1286	43	21
	37		4820-01-208-8974	42	20
	39	4			
4730-00-938-7997	40	21			
2920-00-941-6108	24	1			
5305-00-942-2196	35	3			
	42	9			
5310-00-951-7209	27	17			
2805-00-966-3552	2	15			
2990-00-986-2000	5	1			
5305-00-988-1721	24	4			
5305-00-988-1730	15	12			
2990-01-004-2868	17	9			
2805-01-004-5118	21	18			
5307-01-007-7000	12	3			
4320-01-016-3028	41	4			
4320-01-016-3313	41	3			
6680-01-016-3493	9	13			
5935-01-016-5146	22	14			
5961-01-016-5415	22	12			
4820-01-016-7395	16	7			
4710-01-016-7449	15	4			
5305-01-016-7470	9	7			
3110-01-016-7473	31	7			
5975-01-016-7545	29	1			
4720-01-016-7648	39	13			
5305-01-016-7834	36	3			
4320-01-016-7854	41	2			
5330-01-016-8316	40	29			
	42	19			
	43	11			
5330-01-016-8317	43	16			
5306-01-017-1527	31	1			
5305-01-017-1580	27	3			

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
66289	AA90A2		3	6
66289	AA90A2S1		3	5
66289	AB97B2S1	2805-00-766-8163	3	3
66289	AD42A	2805-00-574-8856	8	10
90183	AF32T2000A14-4		40	24
66289	AF49A	5360-00-597-0928	8	8
66289	AG30	5340-00-339-5589	8	7
66289	AH14		8	6
66289	AH15	2805-00-374-9746	8	5
25567	AT06		27	9
90280	A1150-1	4010-00-186-9411	33	10
			34	6
82796	A195		37	
82796	A2437AX	2920-00-142-0888	25	10
66289	BA49A		2	2
66289	BA49AS1		2	1
25567	BB06-15991	5310-01-023-9097	28	1
66289	BD101B2		7	6
66289	BD101B2S1		7	4
66289	BG193A		4	4
66289	BG193AS2		4	1
66289	BG223		2	13
66289	BH103		8	3
66289	BH155C		9	16
66289	BK72A		1	7
25567	BL04-15991		27	12
25567	BL05-15991		33	17
25567	BL08-15991		40	9
25567	BL10-15991		1	5
			40	3
81718	B1850		42	16
66289	CA69E3		4	11
66289	CA69E3S1		4	10
81718	C0369		42	29
25567	C0606	5307-00-360-0720	40	18
25567	C0606-15991		42	21
			43	13
25567	C0808-15991		40	12
82796	C1498G		25	9
73370	C21P	2940-00-141-9025	11	20
66289	DA66B1S1	2805-00-605-1491	6	8
			6	12
66289	DR25	2805-01-023-5320	6	4
25567	D1107A		42	30
82796	D1182		25	15
10988	D34989	4720-00-460-2477	43	20
25567	D8-15991		38	4
81718	D803A		42	14
66289	EA112	2805-00-524-9552	8	18
66289	ENB101		22	
57733	ES411335		38	3

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
81348	FFN836	5310-00-285-2191	24	13
82796	FMXZE4B7-4	2920-00-880-3428	24	16
73370	F21P		11	9
66289	F65		8	12
82796	F983B		25	14
66289	GA35A1		8	22
66289	GB46	3020-00-528-7931	8	15
66289	GC28	3020-00-174-5508	8	21
82796	G2788		25	12
66289	HG150D	4820-00-424-2806	8	11
81718	H1288M		42	3
81718	H1434M		42	4
81718	H1436		42	2
82789	H2473		25	6
81718	H366M1		42	26
81718	H4214M		42	25
81718	H477I		42	27
81718	H508M	5330-00-732-7749	42	28
81718	H6388M	5330-00-360-0924	40	20
81718	H6451M		42	17
81718	H6472RS		42	15
81718	H6476M	5330-00-899-4509	42	18
			43	2
82796	K2498	5330-00-523-8602	25	3
66289	K95L	4320-00-353-5884	10	3
66289	LD240-19S1		12	4
66289	LJ131B	4710-01-016-7449	15	4
66289	LJ300AM		9	11
66289	LK24	4730-00-454-5041	15	1
66289	LK9		15	2
66289	LL18		15	5
66289	LL89	4720-00-288-9766	15	3
66289	LO176		15	14
66289	LO60-1		9	10
66289	LO62		15	15
66289	LP-59-A	2940-01-152-2738	15	6
66289	LP38FS1	2910-00-339-4836	14	6
53781	M-8016KX-W	2805-01-205-3964	6	
19728	MBW2012CS		23	12
66289	ME98	3110-00-100-4162	4	12
66289	ME98-1		4	6
81349	MILB857TYPE2STYL		23	1
	EAORBGRADE1			
96906	MS13931-10		6	7
96906	MS13932-7	2805-00-640-8637	6	6
96906	MS13933-7		6	5
96906	MS13957-1	2805-00-554-9255	6	1
96906	MS13962-1		6	3
96906	MS13963-1	3120-00-374-9710	6	13
96906	MS13993-1	3120-00-817-5081	6	14
96906	MS13996-2		6	2

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS13999-8	2805-00-382-8033	8	9
96906	MS18154-60	5305-00-942-2196	35	3
			42	9
96906	MS21306-1	5310-00-865-6073	42	10
			43	5
96906	MS21318-1	5305-00-253-5603	37	
96906	MS21333-67	5340-00-079-7837	39	12
96906	MS24649-10	5305-00-207-8999	37	
66289	MS24665-132		17	18
96906	MS270023-17		43	10
96906	MS270028-17		43	1
96906	MS27022-11	4730-00-938-7997	40	21
96906	MS27027-17		42	13
96906	MS27028-11	4730-00-649-9100	40	19
96906	MS27029-17		42	1
96906	MS27183-22	5310-00-951-7209	27	17
96906	MS35206-277	5305-00-988-1721	24	4
96906	MS35206-289	5305-00-988-1730	15	12
96906	MS35297-65		16	11
96906	MS35303-62		4	2
96906	MS35335-19		17	14
96906	MS35335-34	5310-00-514-6674	8	14
96906	MS35338-42	5310-00-045-3299	38	5
96906	MS35338-43	5310-00-045-3296	26	3
			27	16
			39	5
96906	MS35338-44	5310-00-582-5965	9	8
			14	9
			21	5
			27	2
			28	10
			36	2
96906	MS35338-45		2	12
			7	2
			9	2
			11	8
			13	2
			14	5
			15	8
			17	4
			21	15
96906	MS35338-46	5310-00-637-9541	4	3
			16	10
			21	17
			30	3
			35	2
			40	14
			42	6
			43	4
96906	MS35338-48		30	8
96906	MS35338-50		1	2

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS35338-50		33	2
96906	MS35340-44	5310-00-682-5930	15	11
			21	2
96906	MS35355-66	5306-00-637-8557	30	4
96906	MS35387-1	9905-00-205-2795	36	7
96906	MS35387-2	9905-00-202-3639	36	4
96906	MS35392-157	2610-00-591-2865	32	1
96906	MS35643-1	5330-00-684-7851	16	17
96906	MS35645-1	2910-00-141-9758	16	16
96906	MS35648-10	5340-00-054-1404	2	8
96906	MS35648-4	5340-00-050-1591	2	9
96906	MS35649-202	5310-00-934-9758	5	2
			26	2
			27	15
			37	
			39	4
96906	MS35691-202		5	2
96906	MS35916-2	6680-00-825-2076	38	7
96906	MS39158-4	4730-00-142-2177	16	6
96906	MS39159-3	4730-00-090-0832	39	15
96906	MS39231-1	4730-00-249-3932	40	28
96906	MS39233-2	4730-00-187-7610	43	22
96906	MS51009-1	2920-00-810-7082	24	7
96906	MS51011-10	2920-00-887-1289	24	3
96906	MS51011-13	2920-00-941-6108	24	1
96906	MS51011-14	2920-00-924-2042	24	2
96906	MS51953-172		20	4
96906	MS51953-25	4730-00-196-1465	43	23
96906	MS51953-25B	4730-00-196-2055	16	5
96906	MS51953-9B	4730-00-196-2080	12	9
96906	MS51955-142	5305-00-058-5041	42	24
96906	MS51967-14	5310-00-768-0318	30	7
			40	8
96906	MS51967-2		27	1
			28	9
			36	1
96906	MS51967-20	5310-00-763-8920	1	4
			33	1
			40	4
96906	MS51967-5	5310-00-880-7744	9	1
			15	7
			33	16
96906	MS51967-8	5310-00-732-0558	16	9
			30	2
			35	1
			40	13
			42	5
			43	3
96906	MS75047-1	6140-00-059-3528	28	7
96906	MS9047-268	5315-00-825-4593	4	17
96906	MS90725-1	5305-00-068-0498	21	10

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS90725-113	5305-00-042-6417	30	9
96906	MS90725-163	5305-00-724-5911	1	1
			33	4
96906	MS90725-164	5305-00-051-0827	40	5
96906	MS90725-165	5305-00-727-3804	40	2
96906	MS90725-166	5305-00-724-5913	40	1
96906	MS90725-167	5305-00-724-6761	1	6
96906	MS90725-3	5305-00-068-0500	21	4
96906	MS90725-31	5306-00-225-8496	9	15
96906	MS90725-33	5306-00-225-8498	17	3
96906	MS90725-36	5306-01-075-8519	33	18
96906	MS90725-55	5305-00-269-3206	21	16
96906	MS90725-6	5305-00-068-0502	14	8
			27	13
			28	11
96906	MS90725-62	5305-00-269-3213	43	6
96906	MS90725-64		3	1
			42	8
			43	7
96906	MS90725-65	5305-00-269-3215	42	7
			43	8
96906	MS90725-67	5305-00-269-3217	24	12
96906	MS90725-8	5305-00-225-3839	28	14
96906	MS90728-1	5305-00-071-2508	21	1
96906	MS90728-32	5306-00-226-4825	2	14
			7	1
			14	4
			15	9
96906	MS90728-60		40	22
66289	MVG4D SPEC387378	2805-01-042-0396	1	3
66289	MX2433	5910-00-445-6891	25	5
66289	N100-9		5	4
53781	ORD-36-W		6	5
53781	ORD-38-W		6	6
53781	ORD-39-W		6	7
53781	ORD-40-W		6	7
53781	ORD-50-W		6	7
78480	OW362		18	7
78480	OW363		18	4
78480	OW447		18	3
66289	PA291		7	9
66289	PA340		22	3
66289	PB146-1		6	11
66289	PB146-1S1		6	9
66289	PB187	5306-00-545-0931	23	7
66289	PC111		2	6
66289	PC112	5307-00-360-8327	2	4
66289	PC251	5307-00-208-5815	3	7
66289	PC396	5307-00-025-7991	2	5
66289	PC429	5307-00-737-5503	24	14
66289	PC435	5307-00-428-2136	2	3

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
66289	PC615	5307-01-007-7000	12	3
66289	PD115-2	5310-00-584-8729	17	6
66289	PD155		22	5
66289	PD173A		17	20
66289	PD207		12	1
66289	PD247		6	10
66289	PD77		15	10
			17	13
66289	PD78		7	3
			11	6
66289	PD79	5310-00-732-0558	24	9
66289	PE14		17	7
			22	2
66289	PE34A		24	5
66289	PE4		23	3
66289	PE5A	5310-00-194-0021	23	8
66289	PE56A	5310-00-595-7237	24	10
66289	PE65-1	5310-00-209-3586	5	3
66289	PE72		27	10
66289	PE76A	5310-00-061-1258	24	11
66289	PE78A		22	6
66289	PF101	3040-00-366-6248	8	16
66289	PF18	4730-00-278-3397	2	10
			10	1
66289	PF52		7	5
66289	PG1173		9	9
66289	PG1174		9	5
66289	PG1175		9	6
66289	PG493		17	12
66289	PG512		15	13
66289	PG515A		23	6
66289	PG558	5340-00-453-9127	24	6
66289	PH14	5310-00-221-3129	8	2
66289	PH194		23	5
66289	PH202	5330-00-383-3549	4	5
66289	PH209B	5310-00-234-4934	9	3
66289	PH22A	5310-00-846-1376	3	2
66289	PH269	5330-00-291-1695	7	8
66289	PH76		17	24
66289	PH79A		12	2
66289	PI115E		17	25
66289	PI165		17	15
66289	PJ105	5315-00-366-6258	8	20
66289	PK121		17	22
66289	PL24	5315-00-584-1623	4	18
66289	PL49		4	16
66289	PM108	5360-00-366-6249	8	17
66289	PM111-1		17	23
66289	P1143-B		10	2
66289	QB83	5330-00-292-3984	12	6
66289	QC66	5330-00-343-3273	12	5

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
66289	QD482		8	4
66289	QD538A		14	7
66289	QD595A		9	24
66289	QD615A		17	26
66289	QD616	5330-00-360-8381	24	15
66289	QD631		3	4
66289	QD632A		3	8
66289	QD633		2	16
66289	QD634		7	10
66289	QD635		9	17
66289	QD636A		4	7
66289	QD636B		4	9
66289	QD67		14	11
66289	QF67C	5365-00-584-1613	4	8
66289	QF91	5330-00-624-9940	4	9
			13	4
66289	Q18B	5330-00-654-4275	24	
82796	Q5939		25	7
66289	RC91	2805-00-360-8326	9	12
66289	RF-996	4730-00-639-9730	14	1
66289	RF1121		2	7
66289	RF1165A	4730-00-827-4223	17	2
66289	RF1225		11	3
66289	RF1281	4730-00-268-3697	17	1
66289	RF1343	4730-00-456-9875	11	1
66289	RF1495E		9	14
66289	RF269		9	20
			14	3
66289	RF270-4	4730-00-692-8775	11	5
66289	RF794		9	22
			18	1
66289	RJ173D	6680-01-016-3493	9	13
66289	RK173		4	15
66289	RM1161	4710-00-464-3768	11	4
66289	RM1319L	4720-00-066-2409	14	2
66289	RM772	4710-00-096-6923	11	2
66289	RM980	4710-00-366-6289	9	19
66289	RS11		39	17
25567	S-1772	5975-01-016-7545	29	1
66289	SA10		7	7
66289	SA65C	2805-00-797-0514	9	23
66289	SD109		37	
66289	SD197D		37	2
66289	SD252		37	1
66289	SD293		37	
66289	SD296		37	
66289	SE124BD	2805-01-004-5118	21	18
66289	SE125	2805-00-353-5924	21	14
66289	SE125A	2805-00-353-5925	21	9
66289	SE126	2805-00-353-5926	21	13
66289	SE126A	2805-00-353-5927	21	8

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
66289	SE127		21	11
66289	SE127A		21	6
66289	SE128B		21	12
66289	SE128C	2805-00-353-5931	21	7
66289	SE48		21	3
25567	S00635		43	24
25567	S1026		28	4
15434	S1047A	4730-00-289-4746	39	11
25567	S1052		29	4
25567	S1056	4730-00-063-7919	43	19
25567	S1115		28	3
25567	S1150		41	1
25567	S1246	4320-00-617-7799	20	1
25567	S1256		29	3
25567	S1537	5315-00-656-7464	33	9
			34	5
25567	S1779	4820-01-016-7395	16	7
25567	S293	4730-00-011-8537	39	9
25567	S512		16	2
25567	S513		16	4
25567	S515C	4720-01-016-7648	39	13
25567	S515D		39	18
25567	S714	6685-00-718-9985	39	7
25567	S715	6685-00-566-8856	39	8
25567	S793B	4820-01-208-8974	42	20
			43	12
25567	S795B		42	23
25567	S873		39	3
25567	S874		16	8
			40	17
25567	S884		33	7
			33	14
			34	3
25567	S886A		19	2
25567	S925		39	2
25567	S933	5340-00-761-8959	20	2
25567	S964	4820-01-206-1286	43	21
66289	TC381B		17	21
66289	TF96-4	2910-00-777-7183	14	10
66289	TT61N1		17	10
25567	T0224-15071	4730-01-205-3954	12	7
66289	T84H1	2990-00-624-9956	17	
66289	U226A	2990-00-986-2000	5	1
66289	VB175		17	19
66289	VE240-2		17	17
66289	VE674A	3040-00-288-2655	17	8
66289	VE689C	2990-01-004-2868	17	9
66289	WE243	2805-00-966-3552	2	15
81348	WW-P-ACABUB		2	17
81348	WWP471TYPE2	4730-00-186-3024	39	14
81348	WWP521	4730-00-187-7594	12	10

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FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
25567	W00428-14990		39	10
66289	XA38	5305-01-016-7470	9	7
66289	XA4		17	16
66289	XA65	5305-00-360-8351	22	11
66289	XA8		22	7
			23	4
66289	XB106		22	1
66289	XD14	5306-00-776-8025	11	7
66289	XD148		8	1
66289	XD17	5306-00-206-1071	2	11
			8	13
			9	4
66289	XD21		13	1
66289	XD3		17	11
66289	XE55	5305-00-366-6257	8	19
66289	XK63-2		9	21
66289	XK7B	4730-00-359-3872	9	18
25567	X0403-15991	5305-01-017-1580	27	3
25567	X0408-15991	5305-01-016-7834	36	3
25567	X10-02		26	4
25567	X10-02-15991		27	18
25567	X10-03		39	6
25567	X10-03-15991		27	20
82796	X2765X	2920-00-640-7234	25	8
25567	X8-02 1-2 15991		38	6
66289	YA56A	2920-00-247-6663	23	9
66289	YB79		22	4
66289	YC10C	5930-00-274-5124	27	5
66289	YC48	5930-00-504-3657	26	6
66289	YC9FS1	5930-00-224-5668	27	11
66289	YD350	5970-00-350-5143	22	13
66289	YD353		22	9
66289	YD358	5935-01-016-5146	22	14
66289	YE6		27	7
66289	YJ64	2920-00-237-0126	22	8
66289	YJ65	2920-00-233-8163	22	10
66289	YJ67	5961-01-016-5415	22	12
66289	YL355-5	2920-00-279-6104	24	8
81348	ZZT381	2610-00-717-6420	32	2
81348	OS801		28	8
78480	OW476T		18	2
79470	00904H102404-046		39	1
	000			
33116	044649		31	6
33116	058846	5330-00-485-0835	31	5
96152	06096	5330-00-187-2962	18	6
33116	068149	3110-01-016-7473	31	7
33116	081733		31	3
33116	082551		31	2
33116	083922	5306-01-017-1527	31	1
33116	086429		31	8

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
82796	10S10D		25	1
82796	10S18D		25	2
73370	10113		11	11
73370	102153		11	13
73370	109024		11	12
79960	11532		13	3
73370	11559		11	17
73370	11562		11	21
73370	11580		11	15
73370	11581		11	16
73370	11582	5330-00-599-1285	11	19
73370	11583		11	18
25567	11705	2910-01-023-5778	16	1
25567	11731-15000		16	3
25567	12142-15990		36	5
73370	12384		11	10
25567	12522AA		27	4
25567	12522AB		27	6
25567	12522AC		27	8
66289	12522AD		26	1
24617	125675		37	
25567	12694-24040		27	14
25567	13061-15990		27	21
25567	13061A15990		27	19
25567	13062-24000		34	7
25567	13079B24000		28	13
25567	13080-15991		28	2
25567	14004	5340-01-206-1280	40	27
55284	157131	5315-00-241-7332	31	4
99024	16-5586		30	17
99024	16-5594	5310-01-018-6495	30	18
78252	2343S050	2910-01-205-3965	16	18
99024	23684		30	15
05748	2418	5307-00-360-0580	40	30
25567	2613AV14990		37	3
25567	2613AY13990		37	4
25567	2613BXA14990		37	4
25567	2613BXB14990		37	
25567	2613EL		37	3
25567	26855-033	6680-01-025-6061	16	19
25567	27111-212		39	19
95688	28MZ1024AD		23	10
95688	28MZ19CS		23	11
25567	29311-008		30	1
77910	3A1675-10	2990-00-590-2666	19	1
11083	3B6494	4730-00-249-3914	12	8
25567	31871-008		34	2
25567	31871-009		33	13
25567	31871-010		33	6
25567	33288-009		27	22
25567	3428D17030	4320-01-016-7854	41	2

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
25567	34621-024		26	5
25567	3762K14070	4320-01-016-3313	41	3
25567	3765A10011	4320-01-016-3028	41	4
25567	3768-13045		40	10
25567	3768GA19140		40	11
25567	38116-011	5340-01-205-3958	40	26
25567	38116-012	5340-01-206-1281	43	17
25567	38116-013		1	8
			40	6
25567	38743-003		28	5
25567	38743-015		28	6
25567	41435-020		27	23
57733	446058-48	6680-00-419-6012	38	2
60038	453A		4	14
60038	455S		4	13
25567	4634E13045		40	31
25567	4635-13045		40	15
25567	4635GA20000		40	16
25567	5228-15990		33	8
			33	15
			34	4
73370	5241		11	14
73370	5310		11	22
25567	5361		43	18
25567	5371GA19140	5330-01-016-8317	43	16
25567	5372G20000	5330-01-016-8316	40	29
			42	19
			43	11
25567	5463B		33	11
76700	5486N	2990-00-571-0454	20	3
79470	56X4	4730-00-278-8948	39	16
25567	5795-DV		23	2
25567	5998-15990		16	12
82796	6S6D		25	4
82796	6S6U		25	13
82796	6S6Z		25	11
25567	6001B15990		40	23
25567	6002-15990		40	25
25567	6007-15990		36	6
25567	6010A		33	12
25567	6010B	5315-01-017-8350	34	1
25567	6114-15071		33	3
25567	6137A	5315-01-017-8349	33	5
08645	62477	2910-00-142-2738	18	5
99024	68-643		30	16
25567	6835B24000		33	19
25567	6836A15990		43	9
99024	69-030		30	12
99024	69-499		30	13
99024	69-500		30	14
11083	7H3171	4730-00-042-8988	12	11

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
25567	7085-13045		43	15
99024	72-801		30	11
99024	72-802		30	10
99024	72-803		30	6
99024	72-804		30	5
57733	777D		38	1
82796	8S6U		25	13
25567	8372C		16	15
25567	8514-13045		43	14
25567	8561B		40	7
25567	9490-18030		16	14
25567	9490A18030		16	13
25567	9546-13045		42	22
25567	9619	2920-00-778-3833	29	2
25567	9698A		35	4
25567	9733A15020		28	12
25567	9734A15020		42	11
25567	9734B15020		42	12

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
1	1	5305-00-724-5911	96906	MS90725-163
1	2		96906	MS35338-50
1	3	2805-01-042-0396	66289	MVG4D SPEC387378
1	4	5310-00-763-8920	96906	MS51967-20
1	5		25567	BL10-15991
1	6	5305-00-724-6761	96906	MS90725-167
1	7		66289	BK72A
1	8		25567	38116-013
2	1		66289	BA49AS1
2	2		66289	BA49A
2	3	5307-00-428-2136	66289	PC435
2	4	5307-00-360-8327	66289	PC112
2	5	5307-00-025-7991	66289	PC396
2	6		66289	PC111
2	7		66289	RF1121
2	8	5340-00-054-1404	96906	MS35648-10
2	9	5340-00-050-1591	96906	MS35648-4
2	10	4730-00-278-3397	66289	PF18
2	11	5306-00-206-1071	66289	XD17
2	12		96906	MS35338-45
2	13		66289	BG223
2	14	5306-00-226-4825	96906	MS90728-32
2	15	2805-00-966-3552	66289	WE243
2	16		66289	QD633
2	17		81348	WW-P-ACABUB
3	1		96906	MS90725-64
3	2	5310-00-846-1376	66289	PH22A
3	3	2805-00-766-8163	66289	AB97B2S1
3	4		66289	QD631
3	5		66289	AA90A2S1
3	6		66289	AA90A2
3	7	5307-00-208-5815	66289	PC251
3	8		66289	QD632A
4	1		66289	BG193AS2
4	2		96906	MS35303-62
4	3	5310-00-637-9541	96906	MS35338-46
4	4		66289	BG193A
4	5	5330-00-383-3549	66289	PH202
4	6		66289	ME98-1
4	7		66289	QD636A
4	8	5365-00-584-1613	66289	QF67C
4	9		66289	QD636B
4	9	5330-00-624-9940	66289	QF91
4	10		66289	CA69E3S1
4	11		66289	CA69E3
4	12	3110-00-100-4162	66289	ME98
4	13		60038	455S
4	14		60038	453A
4	15		66289	RK173
4	16		66289	PL49
4	17	5315-00-825-4593	96906	MS9047-268

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
4	18	5315-00-584-1623	66289	PL24
5	1	2990-00-986-2000	66289	U226A
5	2		96906	MS35691-202
5	2	5310-00-934-9758	96906	MS35649-202
5	3	5310-00-209-3586	66289	PE65-1
5	4		66289	N100-9
6		2805-01-205-3964	53781	M-8016KX-W
6	1	2805-00-554-9255	96906	MS13957-1
6	2		96906	MS13996-2
6	3		96906	MS13962-1
6	4	2805-01-023-5320	66289	DR25
6	5		53781	ORD-36-W
6	5		96906	MS13933-7
6	6		53781	ORD-38-W
6	6	2805-00-640-8637	96906	MS13932-7
6	7		53781	ORD-39-W
6	7		53781	ORD-40-W
6	7		53781	ORD-50-W
6	7		96906	MS13931-10
6	8	2805-00-605-1491	66289	DA66B1S1
6	9		66289	PB146-1S1
6	10		66289	PD247
6	11		66289	PB146-1
6	12	2805-00-605-1491	66289	DA66B1S1
6	13	3120-00-374-9710	96906	MS13963-1
6	14	3120-00-817-5081	96906	MS13993-1
7	1	5306-00-226-4825	96906	MS90728-32
7	2		96906	MS35338-45
7	3		66289	PD78
7	4		66289	BD101B2S1
7	5		66289	PF52
7	6		66289	BD101B2
7	7		66289	SA10
7	8	5330-00-291-1695	66289	PH269
7	9		66289	PA291
7	10		66289	QD634
8	1		66289	XD148
8	2	5310-00-221-3129	66289	PH14
8	3		66289	BH103
8	4		66289	QD482
8	5	2805-00-374-9746	66289	AH15
8	6		66289	AH14
8	7	5340-00-339-5589	66289	AG30
8	8	5360-00-597-0928	66289	AF49A
8	9	2805-00-382-8033	96906	MS13999-8
8	10	2805-00-574-8856	66289	AD42A
8	11	4820-00-424-2806	66289	HG150D
8	12		66289	F65
8	13	5306-00-206-1071	66289	XD17
8	14	5310-00-514-6674	96906	MS35335-34
8	15	3020-00-528-7931	66289	GB46

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
8	16	3040-00-366-6248	66289	PF101
8	17	5360-00-366-6249	66289	PM108
8	18	2805-00-524-9552	66289	EA112
8	19	5305-00-366-6257	66289	XE55
8	20	5315-00-366-6258	66289	PJ105
8	21	3020-00-174-5508	66289	GC28
8	22		66289	GA35A1
9	1	5310-00-880-7744	96906	MS51967-5
9	2		96906	MS35338-45
9	3	5310-00-234-4934	66289	PH209B
9	4	5306-00-206-1071	66289	XD17
9	5		66289	PG1174
9	6		66289	PG1175
9	7	5305-01-016-7470	66289	XA38
9	8	5310-00-582-5965	96906	MS35338-44
9	9		66289	PG1173
9	10		66289	LO60-1
9	11		66289	LJ300AM
9	12	2805-00-360-8326	66289	RC91
9	13	6680-01-016-3493	66289	RJ173D
9	14		66289	RF1495E
9	15	5306-00-225-8496	96906	MS90725-31
9	16		66289	BH155C
9	17		66289	QD635
9	18	4730-00-359-3872	66289	XK7B
9	19	4710-00-366-6289	66289	RM980
9	20		66289	RF269
9	21		66289	XK63-2
9	22		66289	RF794
9	23	2805-00-797-0514	66289	SA65C
9	24		66289	QD595A
10	1	4730-00-278-3397	66289	PF18
10	2		66289	P1143-B
10	3	4320-00-353-5884	66289	K95L
11	1	4730-00-456-9875	66289	RF1343
11	2	4710-00-096-6923	66289	RM772
11	3		66289	RF1225
11	4	4710-00-464-3768	66289	RM1161
11	5	4730-00-692-8775	66289	RF270-4
11	6		66289	PD78
11	7	5306-00-776-8025	66289	XD14
11	8		96906	MS35338-45
11	9		73370	F21P
11	10		73370	12384
11	11		73370	10113
11	12		73370	109024
11	13		73370	102153
11	14		73370	5241
11	15		73370	11580
11	16		73370	11581
11	17		73370	11559

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
11	18		73370	11583
11	19	5330-00-599-1285	73370	11582
11	20	2940-00-141-9025	73370	C21P
11	21		73370	11562
11	22		73370	5310
12	1		66289	PD207
12	2		66289	PH79A
12	3	5307-01-007-7000	66289	PC615
12	4		66289	LD240-19S1
12	5	5330-00-343-3273	66289	QC66
12	6	5330-00-292-3984	66289	QB83
12	7	4730-01-205-3954	25567	T0224-15071
12	8	4730-00-249-3914	11083	3B6494
12	9	4730-00-196-2080	96906	MS51953-9B
12	10	4730-00-187-7594	81348	WWP521
12	11	4730-00-042-8988	11083	7H3171
13	1		66289	XD21
13	2		96906	MS35338-45
13	3		79960	11532
13	4	5330-00-624-9940	66289	QF91
14	1	4730-00-639-9730	66289	RF-996
14	2	4720-00-066-2409	66289	RM1319L
14	3		66289	RF269
14	4	5306-00-226-4825	96906	MS90728-32
14	5		96906	MS35338-45
14	6	2910-00-339-4836	66289	LP38FS1
14	7		66289	QD538A
14	8	5305-00-068-0502	96906	MS90725-6
14	9	5310-00-582-5965	96906	MS35338-44
14	10	2910-00-777-7183	66289	TF96-4
14	11		66289	QD67
15	1	4730-00-454-5041	66289	LK24
15	2		66289	LK9
15	3	4720-00-288-9766	66289	LL89
15	4	4710-01-016-7449	66289	LJ131B
15	5		66289	LL18
15	6	2940-01-152-2738	66289	LP-59-A
15	7	5310-00-880-7744	96906	MS51967-5
15	8		96906	MS35338-45
15	9	5306-00-226-4825	96906	MS90728-32
15	10		66289	PD77
15	11	5310-00-682-5930	96906	MS35340-44
15	12	5305-00-988-1730	96906	MS35206-289
15	13		66289	PG512
15	14		66289	LO176
15	15		66289	LO62
16	1	2910-01-023-5778	25567	11705
16	2		25567	S512
16	3		25567	11731-15000
16	4		25567	S513
16	5	4730-00-196-2055	96906	MS51953-25B

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
16	6	4730-00-142-2177	96906	MS39158-4
16	7	4820-01-016-7395	25567	S1779
16	8		25567	S874
16	9	5310-00-732-0558	96906	MS51967-8
16	10	5310-00-637-9541	96906	MS35338-46
16	11		96906	MS35297-65
16	12		25567	5998-15990
16	13		25567	9490A18030
16	14		25567	9490-18030
16	15		25567	8372C
16	16	2910-00-141-9758	96906	MS35645-1
16	17	5330-00-684-7851	96906	MS35643-1
16	18	2910-01-205-3965	78252	2343S050
16	19	6680-01-025-6061	25567	26855-033
17	1	4730-00-268-3697	66289	RF1281
17	2	4730-00-827-4223	66289	RF1165A
17	3	5306-00-225-8498	96906	MS90725-33
17	4		96906	MS35338-45
17	5	2990-00-624-9956	66289	T84H1
17	6	5310-00-584-8729	66289	PD115-2
17	7		66289	PE14
17	8	3040-00-288-2655	66289	VE674A
17	9	2990-01-004-2868	66289	VE689C
17	10		66289	TT61N1
17	11		66289	XD3
17	12		66289	PG493
17	13		66289	PD77
17	14		96906	MS35335-19
17	15		66289	PI165
17	16		66289	XA4
17	17		66289	VE240-2
17	18		66289	MS24665-132
17	19		66289	VB175
17	20		66289	PD173A
17	21		66289	TC381B
17	22		66289	PK121
17	23		66289	PM111-1
17	24		66289	PH76
17	25		66289	PI115E
17	26		66289	QD615A
18	1		00000	RF794
18	2		78480	OW476T
18	3		78480	OW447
18	4		78480	OW363
18	5	2910-00-142-2738	08645	62477
18	6	5330-00-187-2962	96152	06096
18	7		78480	OW362
19	1	2990-00-590-2666	77910	3A1675-10
19	2		25567	S886A
20	1	4320-00-617-7799	25567	S1246
20	2	5340-00-761-8959	25567	S933

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
20	3	2990-00-571-0454	76700	5486N
20	4		96906	MS51953-172
21	1	5305-00-071-2508	96906	MS90728-1
21	2	5310-00-682-5930	96906	MS35340-44
21	3		66289	SE48
21	4	5305-00-068-0500	96906	MS90725-3
21	5	5310-00-582-5965	96906	MS35338-44
21	6		66289	SE127A
21	7	2805-00-353-5931	66289	SE128C
21	8	2805-00-353-5927	66289	SE126A
21	9	2805-00-353-5925	66289	SE125A
21	10	5305-00-068-0498	96906	MS90725-1
21	11		66289	SE127
21	12		66289	SE128B
21	13	2805-00-353-5926	66289	SE126
21	14	2805-00-353-5924	66289	SE125
21	15		96906	MS35338-45
21	16	5305-00-269-3206	96906	MS90725-55
21	17	5310-00-637-9541	96906	MS35338-46
21	18	2805-01-004-5118	66289	SE124BD
22			66289	ENB101
22	1		66289	XB106
22	2		66289	PE14
22	3		66289	PA340
22	4		66289	YB79
22	5		66289	PD155
22	6		66289	PE78A
22	7		66289	XA8
22	8	2920-00-237-0126	66289	YJ64
22	9		66289	YD353
22	10	2920-00-233-8163	66289	YJ65
22	11	5305-00-360-8351	66289	XA65
22	12	5961-01-016-5415	66289	YJ67
22	13	5970-00-350-5143	66289	YD350
22	14	5935-01-016-5146	66289	YD358
23	1		81349	MILB857TYPE2STYL
				EAORBGRADE1
23	2		25567	5795-DV
23	3		66289	PE4
23	4		66289	XA8
23	5		66289	PH194
23	6		66289	PG515A
23	7	5306-00-545-0931	66289	PB187
23	8	5310-00-194-0021	66289	PE5A
23	9	2920-00-247-6663	66289	YA56A
23	10		95688	28MZ1024AD
23	11		95688	28MZ19CS
23	12		19728	MBW2012CS
24		5330-00-654-4275	66289	Q18B
24	1	2920-00-941-6108	96906	MS51011-13
24	2	2920-00-924-2042	96906	MS51011-14

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
24	3	2920-00-887-1289	96906	MS51011-10
24	4	5305-00-988-1721	96906	MS35206-277
24	5		66289	PE34A
24	6	5340-00-453-9127	66289	PG558
24	7	2920-00-810-7082	96906	MS51009-1
24	8	2920-00-279-6104	66289	YL355-5
24	9	5310-00-732-0558	66289	PD79
24	10	5310-00-595-7237	66289	PE56A
24	11	5310-00-061-1258	66289	PE76A
24	12	5305-00-269-3217	96906	MS90725-67
24	13	5310-00-285-2191	81348	FFN836
24	14	5307-00-737-5503	66289	PC429
24	15	5330-00-360-8381	66289	QD616
24	16	2920-00-880-3428	82796	FMXZE4B7-4
25	1		82796	10S10D
25	2		82796	10S18D
25	3	5330-00-523-8602	82796	K2498
25	4		82796	6S6D
25	5	5910-00-445-6891	66289	MX2433
25	6		82789	H2473
25	7		82796	Q5939
25	8	2920-00-640-7234	82796	X2765X
25	9		82796	C1498G
25	10	2920-00-142-0888	82796	A2437AX
25	11		82796	6S6Z
25	12		82796	G2788
25	13		82796	6S6U
25	13		82796	8S6U
25	14		82796	F983B
25	15		82796	D1182
26	1		66289	12522AD
26	2	5310-00-934-9758	96906	MS35649-202
26	3	5310-00-045-3296	96906	MS35338-43
26	4		25567	X10-02
26	5		25567	34621-024
26	6	5930-00-504-3657	66289	YC48
27	1		96906	MS51967-2
27	2	5310-00-582-5965	96906	MS35338-44
27	3	5305-01-017-1580	25567	X0403-15991
27	4		25567	12522AA
27	5	5930-00-274-5124	66289	YC10C
27	6		25567	12522AB
27	7		66289	YE6
27	8		25567	12522AC
27	9		25567	AT06
27	10		66289	PE72
27	11	5930-00-224-5668	66289	YC9FS1
27	12		25567	BL04-15991
27	13	5305-00-068-0502	96906	MS90725-6
27	14		25567	12694-24040
27	15	5310-00-934-9758	96906	MS35649-202

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
27	16	5310-00-045-3296	96906	MS35338-43
27	17	5310-00-951-7209	96906	MS27183-22
27	18		25567	X10-02-15991
27	19		25567	13061A15990
27	20		25567	X10-03-15991
27	21		25567	13061-15990
27	22		25567	33288-009
27	23		25567	41435-020
28	1	5310-01-023-9097	25567	BB06-15991
28	2		25567	13080-15991
28	3		25567	S1115
28	4		25567	S1026
28	5		25567	38743-003
28	6		25567	38743-015
28	7	6140-00-059-3528	96906	MS75047-1
28	8		81348	0S801
28	9		96906	MS51967-2
28	10	5310-00-582-5965	96906	MS35338-44
28	11	5305-00-068-0502	96906	MS90725-6
28	12		25567	9733A15020
28	13		25567	13079B24000
28	14	5305-00-225-3839	96906	MS90725-8
29	1	5975-01-016-7545	25567	S-1772
29	2	2920-00-778-3833	25567	9619
29	3		25567	S1256
29	4		25567	S1052
30	1		25567	29311-008
30	2	5310-00-732-0558	96906	MS51967-8
30	3	5310-00-637-9541	96906	MS35338-46
30	4	5306-00-637-8557	96906	MS35355-66
30	5		99024	72-804
30	6		99024	72-803
30	7	5310-00-768-0318	96906	MS51967-14
30	8		96906	MS35338-48
30	9	5305-00-042-6417	96906	MS90725-113
30	10		99024	72-802
30	11		99024	72-801
30	12		99024	69-030
30	13		99024	69-499
30	14		99024	69-500
30	15		99024	23684
30	16		99024	68-643
30	17		99024	16-5586
30	18	5310-01-018-6495	99024	16-5594
31	1	5306-01-017-1527	33116	083922
31	2		33116	082551
31	3		33116	081733
31	4	5315-00-241-7332	55284	157131
31	5	5330-00-485-0835	33116	058846
31	6		33116	044649
31	7	3110-01-016-7473	33116	068149

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
31	8		33116	086429
32	1	2610-00-591-2865	96906	MS35392-157
32	2	2610-00-717-6420	81348	ZZT381
33	1	5310-00-763-8920	96906	MS51967-20
33	2		96906	MS35338-50
33	3		25567	6114-15071
33	4	5305-00-724-5911	96906	MS90725-163
33	5	5315-01-017-8349	25567	6137A
33	6		25567	31871-010
33	7		25567	S884
33	8		25567	5228-15990
33	9	5315-00-656-7464	25567	S1537
33	10	4010-00-186-9411	90280	A1150-1
33	11		25567	5463B
33	12		25567	6010A
33	13		25567	31871-009
33	14		25567	S884
33	15		25567	5228-15990
33	16	5310-00-880-7744	96906	MS51967-5
33	17		25567	BL05-15991
33	18	5306-01-075-8519	96906	MS90725-36
33	19		25567	6835B24000
34	1	5315-01-017-8350	25567	6010B
34	2		25567	31871-008
34	3		25567	S884
34	4		25567	5228-15990
34	5	5315-00-656-7464	25567	S1537
34	6	4010-00-186-9411	90280	A1150-1
34	7		25567	13062-24000
35	1	5310-00-732-0558	96906	MS51967-8
35	2	5310-00-637-9541	96906	MS35338-46
35	3	5305-00-942-2196	96906	MS18154-60
35	4		25567	9698A
36	1		96906	MS51967-2
36	2	5310-00-582-5965	96906	MS35338-44
36	3	5305-01-016-7834	25567	X0408-15991
36	4	9905-00-202-3639	96906	MS35387-2
36	5		25567	12142-15990
36	6		25567	6007-15990
36	7	9905-00-205-2795	96906	MS35387-1
37			24617	125675
37			25567	2613BXXB14990
37			66289	SD109
37			66289	SD293
37			66289	SD296
37			82796	A195
37		5305-00-207-8999	96906	MS24649-10
37		5305-00-253-5603	96906	MS21318-1
37		5310-00-934-9758	96906	MS35649-202
37	1		66289	SD252
37	2		66289	SD197D

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
37	3		25567	2613AV14990
37	3		25567	2613EL
37	4		25567	2613AY13990
37	4		25567	2613BXA14990
38	1		57733	777D
38	2	6680-00-419-6012	57733	446058-48
38	3		57733	ES411335
38	4		25567	D8-15991
38	5	5310-00-045-3299	96906	MS35338-42
38	6		25567	X8-02 1-2 15991
38	7	6680-00-825-2076	96906	MS35916-2
39	1		79470	00904H102404-046
				000
39	2		25567	S925
39	3		25567	S873
39	4	5310-00-934-9758	96906	MS35649-202
39	5	5310-00-045-3296	96906	MS35338-43
39	6		25567	X10-03
39	7	6685-00-718-9985	25567	S714
39	8	6685-00-566-8856	25567	S715
39	9	4730-00-011-8537	25567	S293
39	10		25567	W00428-14990
39	11	4730-00-289-4746	15434	S1047A
39	12	5340-00-079-7837	96906	MS21333-67
39	13	4720-01-016-7648	25567	S515C
39	14	4730-00-186-3024	81348	WWP471TYPE2
39	15	4730-00-090-0832	96906	MS39159-3
39	16	4730-00-278-8948	79470	56X4
39	17		66289	RS11
39	18		25567	S515D
39	19		25567	27111-212
40	1	5305-00-724-5913	96906	MS90725-166
40	2	5305-00-727-3804	96906	MS90725-165
40	3		25567	BL10-15991
40	4	5310-00-763-8920	96906	MS51967-20
40	5	5305-00-051-0827	96906	MS90725-164
40	6		25567	38116-013
40	7		25567	8561B
40	8	5310-00-768-0318	96906	MS51967-14
40	9		25567	BL08-15991
40	10		25567	3768-13045
40	11		25567	3768GA19140
40	12		25567	C0808-15991
40	13	5310-00-732-0558	96906	MS51967-8
40	14	5310-00-637-9541	96906	MS35338-46
40	15		25567	4635-13045
40	16		25567	4635GA20000
40	17		25567	S874
40	18	5307-00-360-0720	25567	C0606
40	19	4730-00-649-9100	96906	MS27028-11
40	20	5330-00-360-0924	81718	H6388M

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
40	21	4730-00-938-7997	96906	MS27022-11
40	22		96906	MS90728-60
40	23		25567	6001B15990
40	24		90183	AF32T2000A14-4
40	25		25567	6002-15990
40	26	5340-01-205-3958	25567	38116-011
40	27	5340-01-206-1280	25567	14004
40	28	4730-00-249-3932	96906	MS39231-1
40	29	5330-01-016-8316	25567	5372G20000
40	30	5307-00-360-0580	05748	2418
40	31		25567	4634E13045
41	1		25567	S1150
41	2	4320-01-016-7854	25567	3428D17030
41	3	4320-01-016-3313	25567	3762K14070
41	4	4320-01-016-3028	25567	3765A10011
42	1		96906	MS27029-17
42	2		81718	H1436
42	3		81718	H1288M
42	4		81718	H1434M
42	5	5310-00-732-0558	96906	MS51967-8
42	6	5310-00-637-9541	96906	MS35338-46
42	7	5305-00-269-3215	96906	MS90725-65
42	8		96906	MS90725-64
42	9	5305-00-942-2196	96906	MS18154-60
42	10	5310-00-865-6073	96906	MS21306-1
42	11		25567	9734A15020
42	12		25567	9734B15020
42	13		96906	MS27027-17
42	14		81718	D803A
42	15		81718	H6472RS
42	16		81718	B1850
42	17		81718	H6451M
42	18	5330-00-899-4509	81718	H6476M
42	19	5330-01-016-8316	25567	5372G20000
42	20	4820-01-208-8974	25567	S793B
42	21		25567	C0606-15991
42	22		25567	9546-13045
42	23		25567	S795B
42	24	5305-00-058-5041	96906	MS51955-142
42	25		81718	H4214M
42	26		81718	H366M1
42	27		81718	H477I
42	28	5330-00-732-7749	81718	H508M
42	29		81718	C0369
42	30		25567	D1107A
43	1		96906	MS270028-17
43	2	5330-00-899-4509	81718	H6476M
43	3	5310-00-732-0558	96906	MS51967-8
43	4	5310-00-637-9541	96906	MS35338-46
43	5	5310-00-865-6073	96906	MS21306-1
43	6	5305-00-269-3213	96906	MS90725-62

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX	
		STOCK NUMBER	FSCM
43	7		96906
43	8	5305-00-269-3215	96906
43	9		25567
43	10		96906
43	11	5330-01-016-8316	25567
43	12		25567
43	13		25567
43	14		25567
43	15		25567
43	16	5330-01-016-8317	25567
43	17	5340-01-206-1281	25567
43	18		25567
43	19	4730-00-063-7919	25567
43	20	4720-00-460-2477	10988
43	21	4820-01-206-1286	25567
43	22	4730-00-187-7610	96906
43	23	4730-00-196-1465	96906
43	24		25567

		PART NUMBER
		MS90725-64
		MS90725-65
		6836A15990
		MS270023-17
		5372G20000
		S793B
		C0606-15991
		8514-13045
		7085-13045
		5371GA19140
		38116-012
		5361
		S1056
		D34989
		S964
		MS39233-2
		MS51953-25
		S00635

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

WILLIAM J. MEEHAN, II
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25E, Organizational, Direct Support and General Support for Pump Assembly, Flammable Liquid, Bulk Transfer, Gas Driven, Wheel Mounted, 350 GPM/275 FT Head (04A12C-MVG4D).



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DOPE ABOUT IT ON THIS
FORM. CAREFULLY TEAR IT
OUT, FOLD IT AND DROP IT
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FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEONARDWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4320-273-24P

PUBLICATION DATE

11 Aug 1990

PUBLICATION TITLE

Pumping Assembly, Flammable Liquid

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
6	2-1 a		
B1		4-3	
125	line 20		

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

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

JOHN DOE

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1 JUL 79

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GRAPH

FIGURE
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TABLE
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PUBLICATION NUMBER

TM 5-4320-273-24P

PUBLICATION DATE

11 Aug 1990

PUBLICATION TITLE

Pumping Assembly, Flammable Liquid

BE EXACT... PIN-POINT WHERE IT IS

PAGE
NO

PARA-
GRAPH

FIGURE
NO

TABLE
NO

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

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THIS ADDRESS PERMANENTLY LIVE

The Metric System and Equivalents

Linear Measure

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

Weights

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

Liquid Measure

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

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

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

Temperature (Exact)

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