

*TM5-4320-272-20P

TECHNICAL MANUAL

UNIT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST

**PUMPING ASSEMBLY, FLAMMABLE
LIQUID BULK TRANSFER; GASOLINE
ENGINE DRIVEN; 350 GPM CAPACITY,
275 FEET TOTAL DYNAMIC HEAD;
WHEEL MOUNTED
(PEABODY BARNES, INC.
MODEL US37ACG)
NSN 4320-00-195-4914**

Approved for public release; distribution is unlimited

*This manual supersedes TM 5-4320-272-20P, 21 December 1981, including all changes

HEADQUARTERS, DEPARTMENT OF THE ARMY
20 APRIL 1990

TECHNICAL MANUAL

NO. 5-4320-272-20P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D.C., 20 April 1990

**Direct Support and General Support Maintenance
Repair Parts and Special Tools List
for
PUMPING ASSEMBLY, FLAMMABLE LIQUID
BULK TRANSFER; GASOLINE ENGINE DRIVEN
350 GPM CAPACITY, 275 FEET TOTAL DYNAMIC HEAD;
WHEEL MOUNTED (PEABODY BARNES MODEL US37ACG)
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Current as of 26 December 1989

REPORTING OF 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 Blvd., St. Louis, MO 63120-1798
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UNIT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

SECTION I. INTRODUCTION

1. SCOPE. This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit maintenance of the Pumping Assembly. 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).

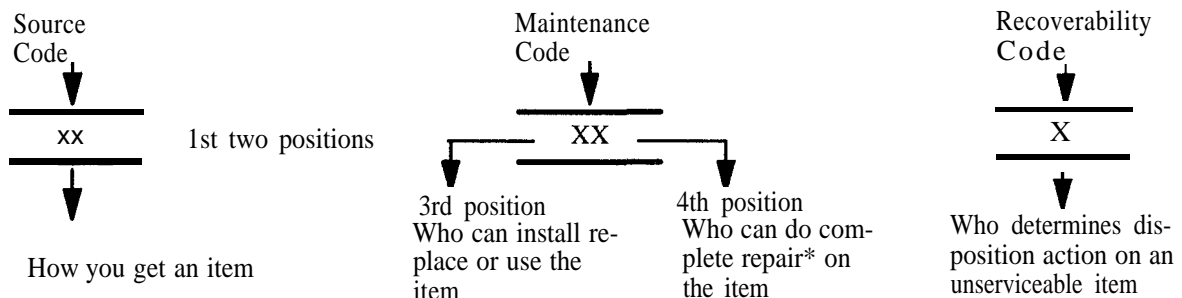
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

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:



NOTE

*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> <div>PA</div> <div>PB</div> <div>PC**</div> <div>PD</div> <div>PE</div> <div>PF</div> <div>PG</div> </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> <div>KD</div> <div>KF</div> <div>KB</div> </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> <div>MO-(Made at org. AVUM Level</div> <div>MF-(Made at DS/ AVUM Level</div> <div>MH-(Made at GS Level)</div> <div>ML—Made at Specialized Repair Activity (SRA))</div> <div>MD-(Made at Depot)</div> </div>	<p>Explanation</p> <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>

Code	Explanation
A O -- (Assembled by org/AVUM Level) AF -- (Assembled by DS/AVIM Level) AH -- (Assembled by GS Category) AL-- (Assembled by SRA) AD -- (Assembled by Depot)	items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 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 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, maybe used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

- (2) **Maintenance Code.** Maintenance codes tells you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:
 - (a) The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

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 may be reconditioned by adjusting, lubricating, etc., at the user level.
---	--

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

Recoverability Codes	Application/Explanation
-------------------------	-------------------------

Z	-Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
---	---

Recoverability

Codes

Application/Explanation

- O -Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit level
- F -Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support or aviation intermediate level
- H -Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
- D -Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
- L -Reparable item. Condemnation and disposal not authorized below cialized 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 CI - Confidential, Phy Sec CI (S) – Secret, Phy Sec CI (T) – Top Secret.
- (3) Items that are included in kits and sets are listed below the name of the kit or set.
- (4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.
- (5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.
- (6) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC).

- (7) The usable on code, when applicable (see paragraph 5, Special Information).
- (8) In the Special Tools List section, the basis of issue (BOI) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.
- (9) The statement "END OF FIGURE" appears just below the last item description in Column 5 for a given figure in both Section II and Section III.
- (10) The indenture, shown as dots appearing before the repair part, indicates that the item is a repair part of the next higher assembly.

f. QTY (Column (6)). The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and may vary from application to application.

4. EXPLANATION OF COLUMNS (SECTION IV).

a. NATIONAL STOCK NUMBER (NSN) INDEX.

- (1) **STOCK NUMBER column.** This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN, i.e. (5305-01-574-1467).

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 left 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 pertains to the Air Compressor and its components.

Publication	Short Title
TM 5-4310-384-13	Compressor Unit Reciprocal, Air, 5 CFM/175 PSI

c. TM CLARIFICATION. The illustrations in this manual are identical to those published in TM 5-4320-272-34P. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

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.

Abbreviation	Explanations	Abbreviations	Explanation
CD	Cadmium	OD	Outside Diameter
CE	Commutator End	PLTD	Plated
HD	Head	RD	Round
HEX	Hexagon	RH	Right Hand
IN	Inch(es)	SPEC	Specification
INSTR	Instrument	SQ	Square
LG	Long	SST	Stainless Steel
LH	Left Hand	THD	Thread
MTG	Mounting	THK	Thick
NO	Number		

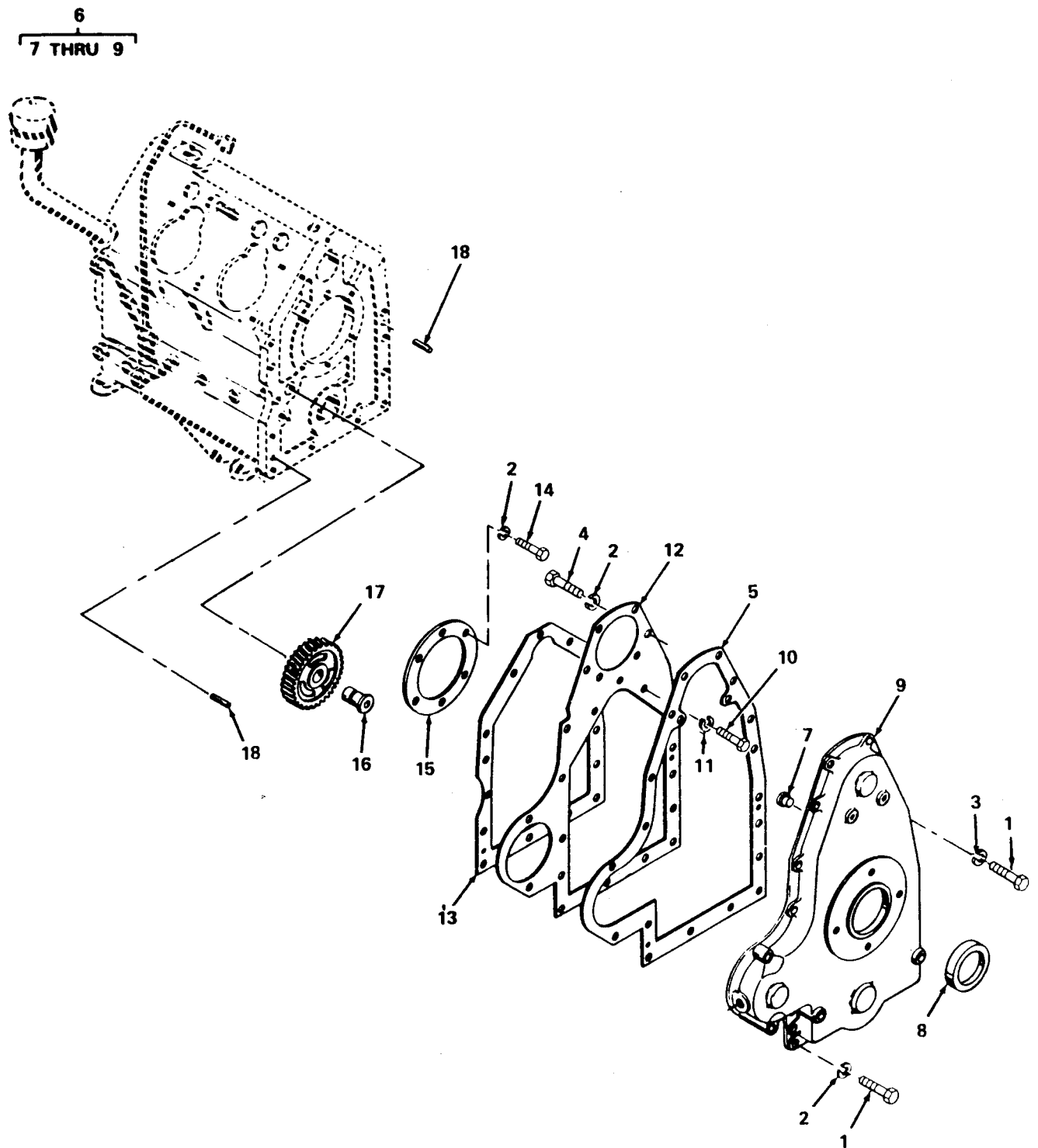
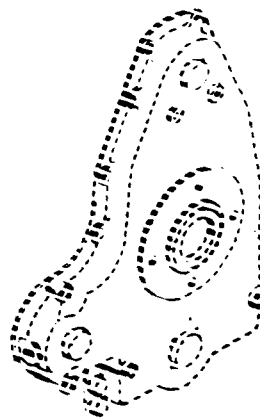
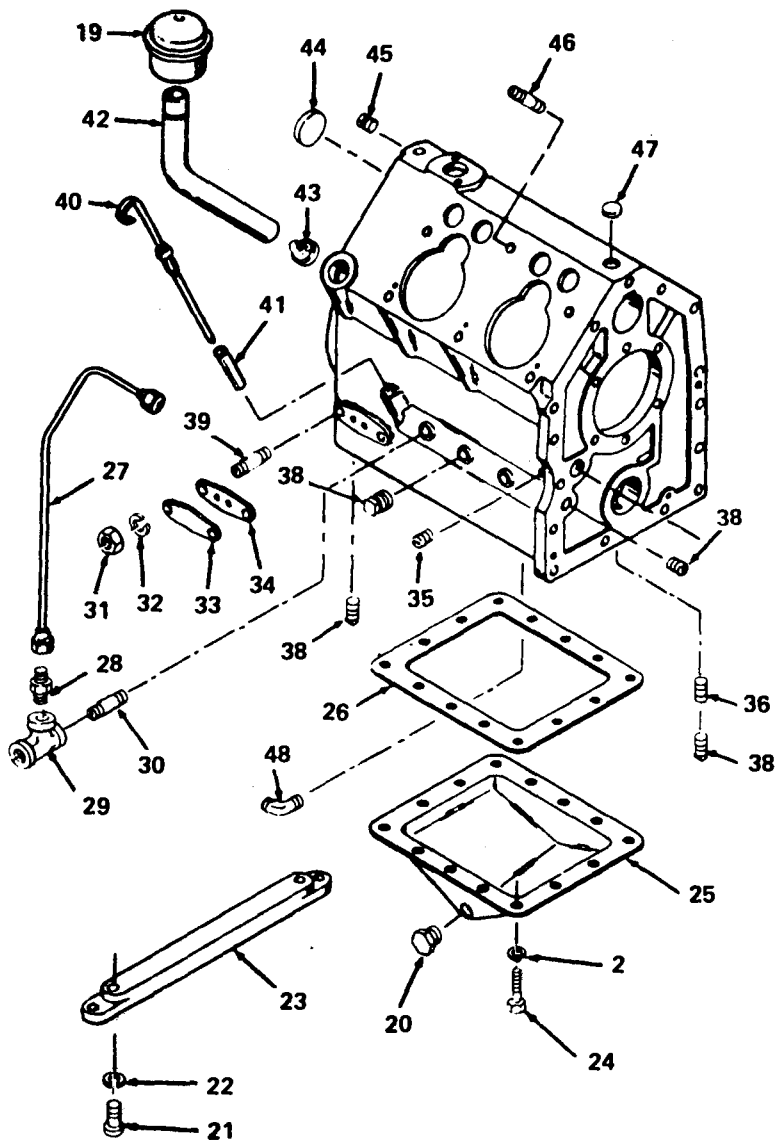


Figure 2. Engine Block and Related Parts (Sheet 1 of 2).

37
38 THRU 48



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Figure 2. Engine Block and Related Parts (Sheet 2 of 2).

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. 2 ENGINE BLOCK AND RELATED PARTS					
19	PBOZZ	66289	LO60-1	BREATHER W/BREATHER	1
20	PBOZZ	66289	XK7B	PLUG, PIPE OIL PAN	1
27	PAOZZ	66289	RM980	TUBE ASSEMBLY,METAL	1
40	PBOZZ	66289	RJ173	GAGE ROD-CAP,LIQUID	1
END OF FIGURE					

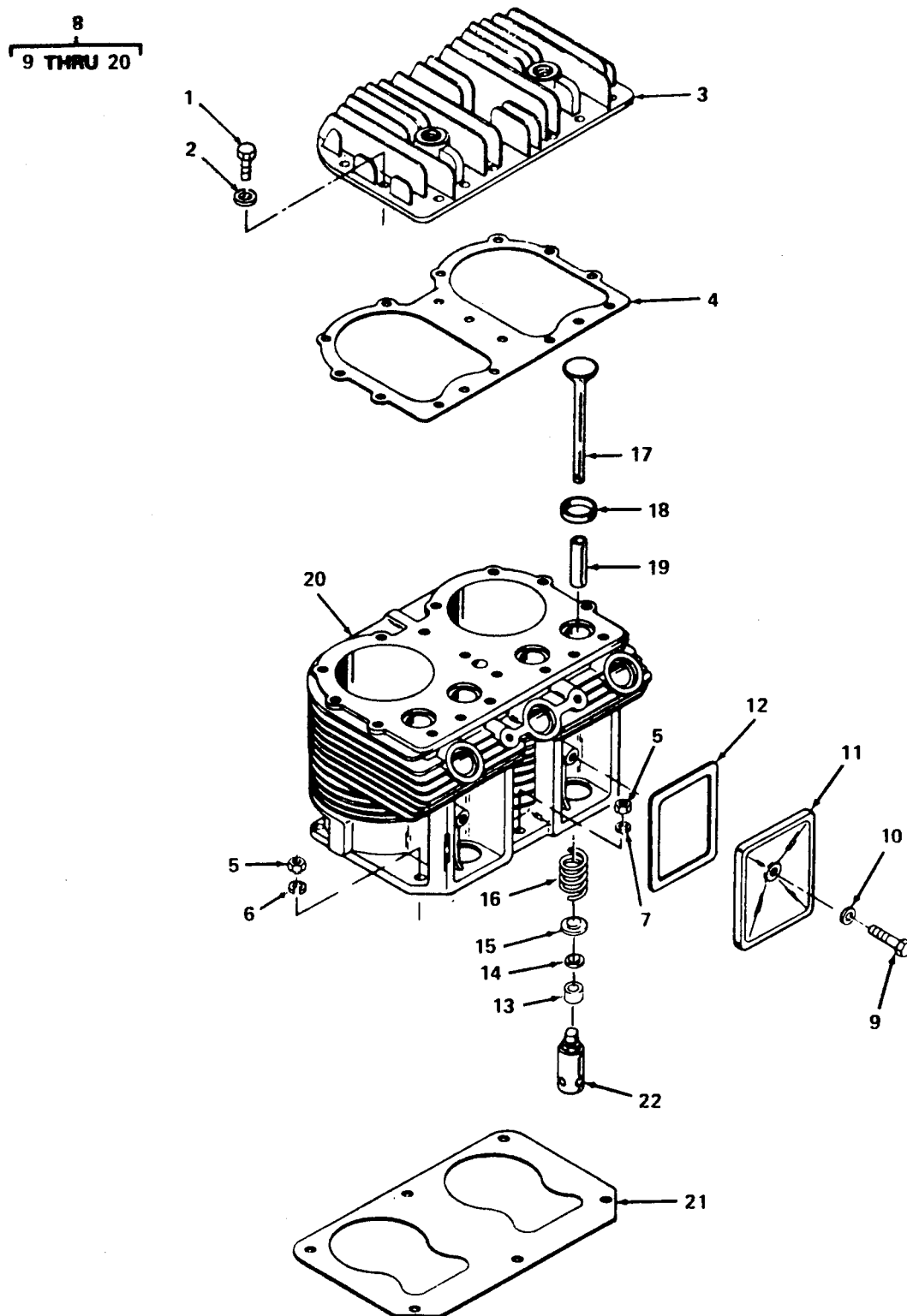
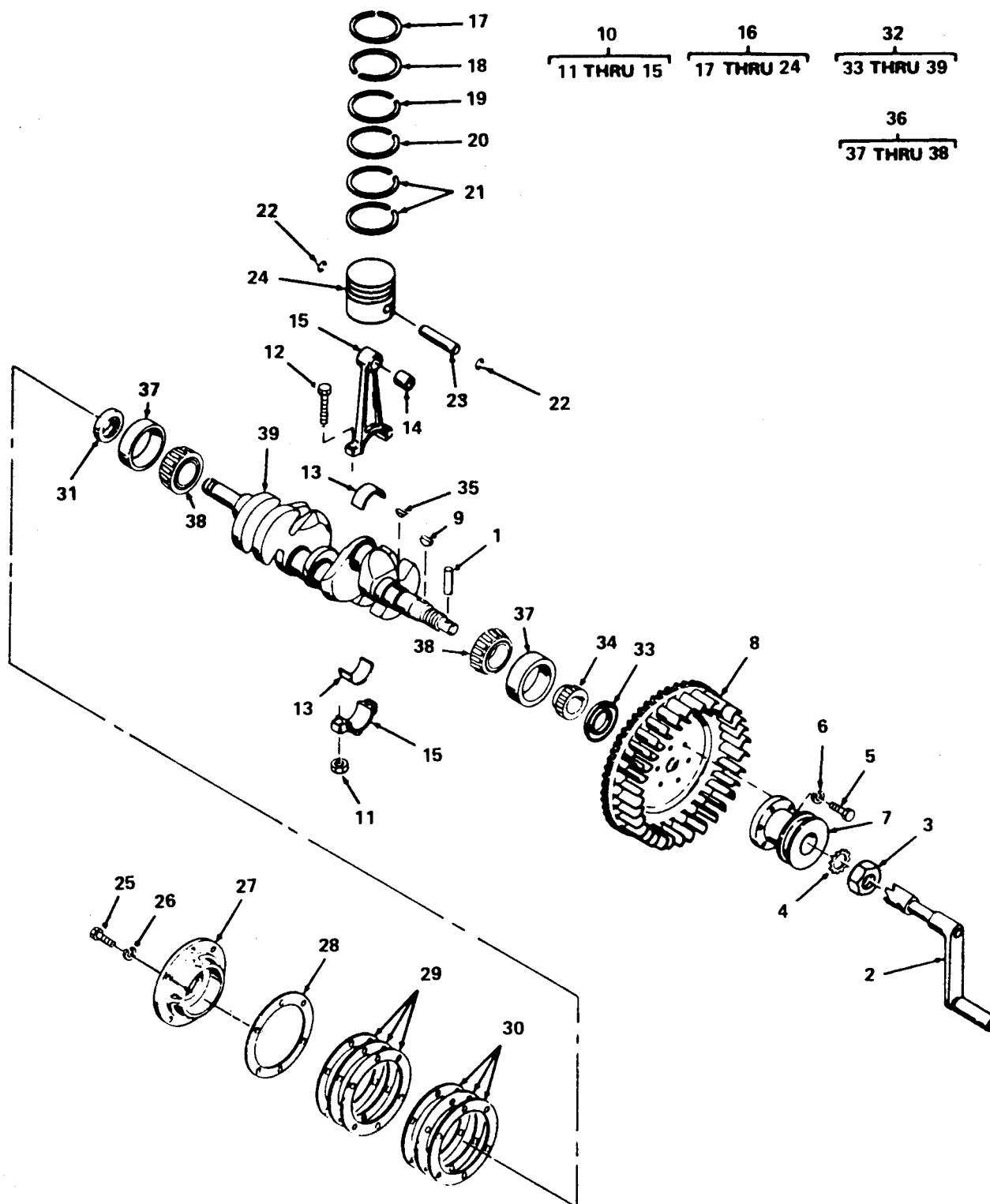


Figure 3. Cylinder Block.

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 BLOCK					
1	PAOZZ	66289	XD30	BOLT,MACHINE, HEAD MTG	34
2	PAOZZ	66289	PH22A	WASHER, FLAT	34
3	PBOZZ	66289	AB97B2S1	CYLINDER HEAD	2
4	PAOZZ	66289	QD631	GASKET PART OF KIT P/N Q18B	2
END OF FIGURE					



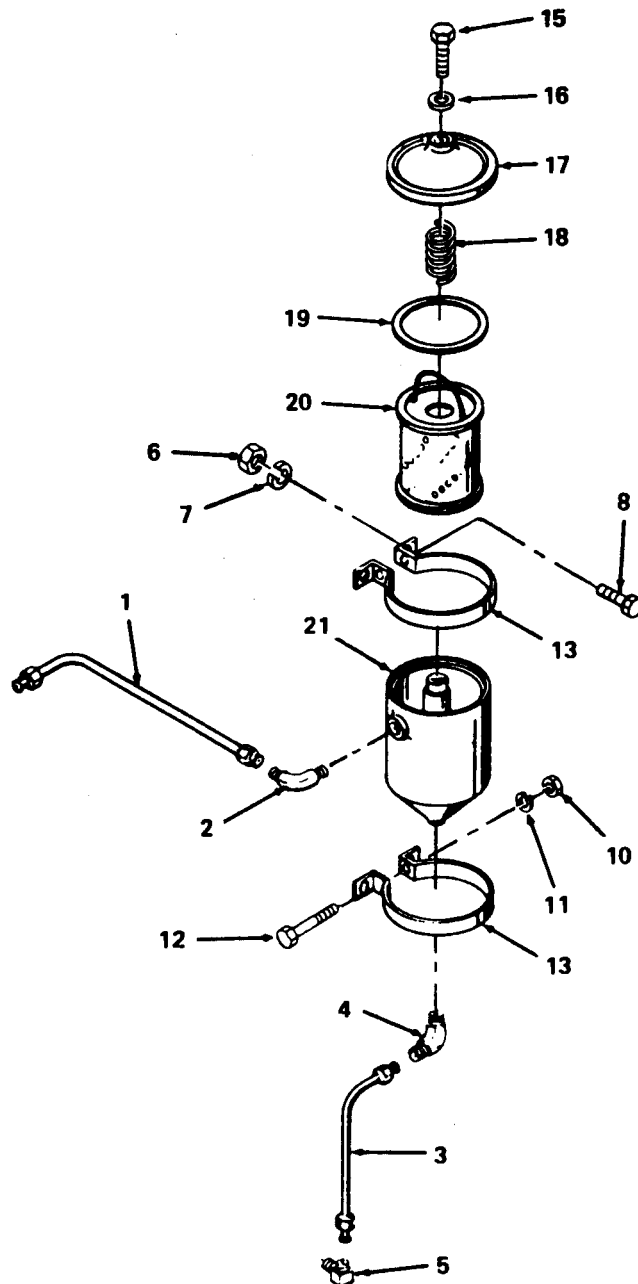
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Figure 4. Crankshaft and Piston.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-272-20P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
					GROUP 01 ENGINE	
					FIG. 4 CRANKSHAFT AND PISTON	
2	XBOZZ	66289	U226A		CRANK,HAND	1
					END OF FIGURE	

9
10 THRU 21

14
15 THRU 18



4782-007

Figure 7. Oil Filter and Lines.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-272-20P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01 ENGINE					
FIG. 7 OIL FILTER AND LINES					
1	PAOZZ	66289	RM1161	TUBE ASSEMBLY,METAL OIL FILTER	1
2	PAOZZ	66289	RF270-4	ELBOW,PIPE TO TUBE OIL FILTER	1
3	PAOZZ	66289	RM772	TUBE ASSEMBLY,METAL METAL,OIL FILTER	1
4	PAOZZ	66289	RF1343	ELBOW,PIPE TO TUBE OIL FILTER	1
5	XDOZZ	66289	RF1225	ELBOW,PIPE TO TUBE, OIL FILTER	1
6	PAOZF	96906	MS51967-5	NUT,PLAIN,HEXAGON, FILTER CLAMP MTG	4
7	XDOZZ	96906	MS35338-45	WASHER,LOCK FILTER CLAMP MTG	4
8	PAOZZ	96906	MS90728-35	BOLT,MACHINE FILTER CLAMP MTG	4
9	PBOZZ	73370	F21P	FILTER,FLUID	1
10	PAOZZ	73370	12384	NUT,PLAIN,SQUARE FILTER MTG	2
11	XDOZZ	96906	MS35338-45	WASHER,LOCK FILTER MTG	2
12	PAOZZ	96906	MS35206-304	SCREW,MACHINE, FILTER MTG	2
13	XDOZZ	73370	102153	STRAP,RETAINING, FILTER MTG	2
14	XBOZZ	73370	5241	COVER ASSEMBLY, FILTER	1
15	PAOZZ	73370	11580	BOLT,SHOULDER FILTER COVER	1
16	PAOZZ	73370	11581	WASHER,FLAT FILTER COVER	1
17	XBOZZ	73370	11559	COVER, FILTER	1
18	XBOZZ	73370	11583	SPRING,HELICAL, FILTER COVER	1
19	PAOZZ	73370	11582	GASKET, FILTER COVER	1
20	PAOZZ	73370	C21P	FILTER ELEMENT,FLUI	1
21	XDOZZ	73370	5310	BODY,FILTER	1
END OF FIGURE					

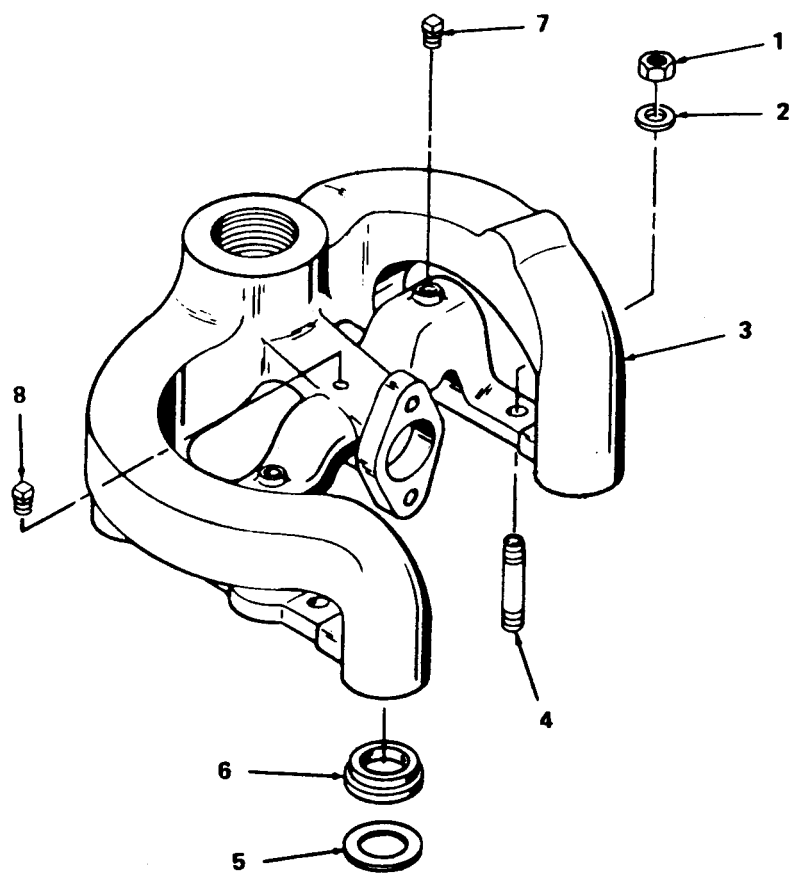
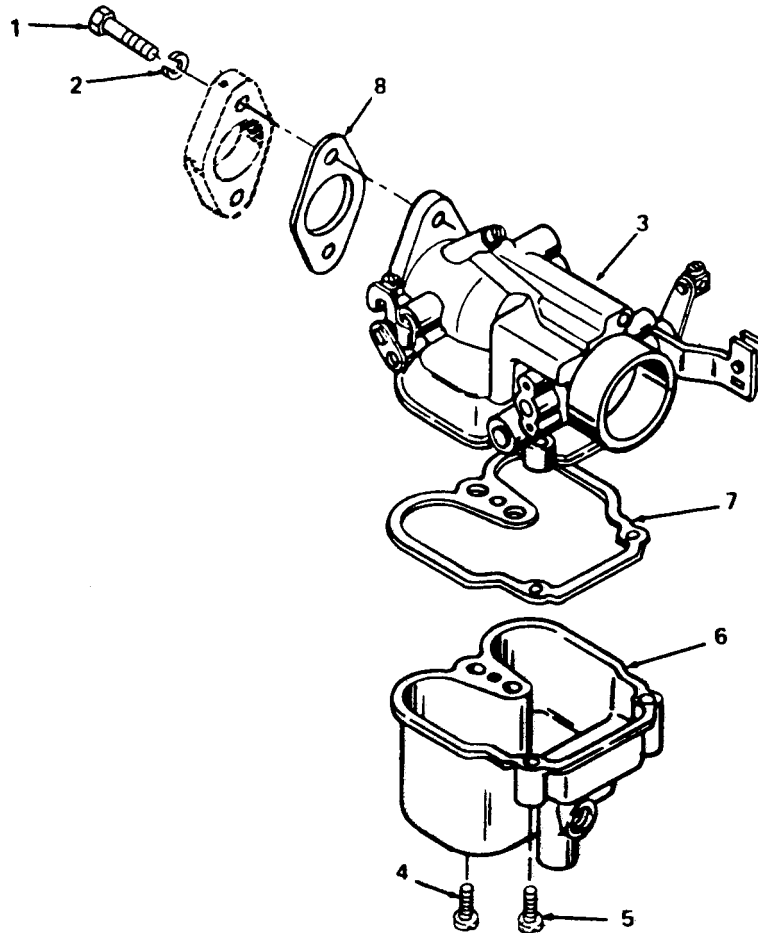


Figure 8. Manifold

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. 8 MANIFOLD					
1	PAOZZ	66289	PD207	NUT,PLAIN,HEXAGON, MANIFOLD MTG	4
2	PAOZZ	24617	6703382	WASHER,FLAT	4
3	PBOZZ	66289	LD240-18	MANIFOLD,EXHAUST	1
5	PAOZZ	66289	QC66	GASKET	6
6	PAOZZ	66289	QB83	RETAINER,PACKING	6
7	PAOZZ	19207	117244	PLUG,PIPE MANIFOLD	2
8	PAOZZ	11568	M570	PLUG,PIPE MANIFOLD	1
END OF FIGURE					

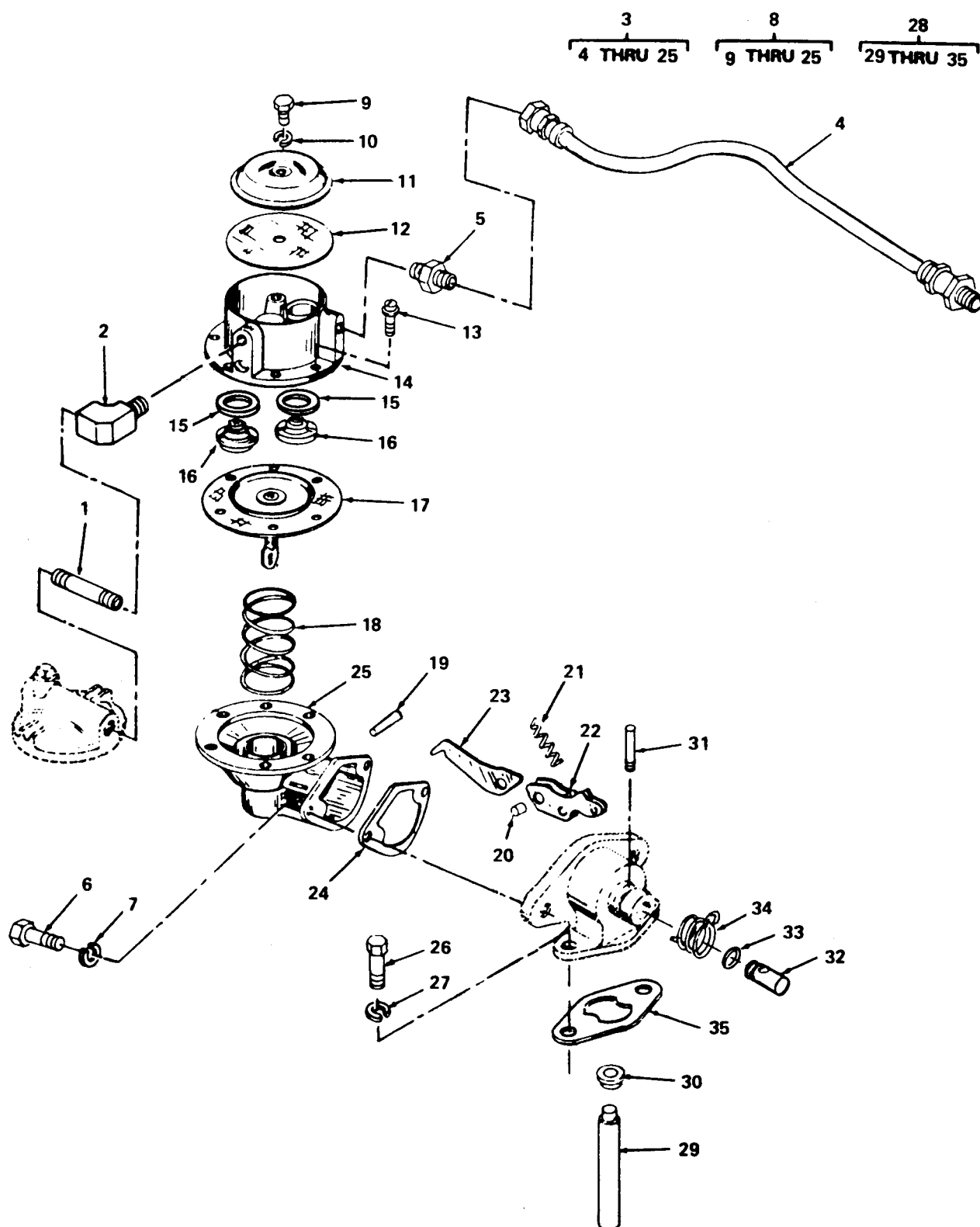
3
4 THRU 7



4782-009

Figure 9. Carburetor.

SECTION II				TM5-4320-272-20P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 03 FUEL SYSTEM					
FIG. 9 CARBURETOR					
1	XDOZZ	66289	XD21	BOLT,MACHINE, MANIFOLD TO CARBURETOR	2
2	XDOZZ	96906	MS35338-45	WASHER,LOCK MANIFOLD TO CARBURETOR	2
3	PBOZZ	66289	L57-1S1	CARBURETOR,FLOAT	1
4	XAOZZ	79960	T301S8-9	SCREW,MACHINE , BOWL MTG	1
5	XAOZZ	79960	T301S8-14	SCREW,MACHINE, BOWL MTG	2
6	XAOZZ	79960	B3-98A	BOWL,FUEL	1
7	PAOZZ	66289	XA8	GASKET FUEL BOWL	1
8	PAOZZ	79960	C141-4-6	GASKET MANIFOLD TO CARBURETOR	1
END OF FIGURE					



4782-010

Figure 10. Fuel Pump.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-272-20P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 03 FUEL SYSTEM					
FIG. 10 FUEL PUMP					
1	PAOZZ	66289	RF903	NIPPLE,PIPE FUEL PUMP	1
2	PAOZF	66289	RF996	ELBOW,PIPE FUEL PUMP	1
3	XDOZZ	66289	LP38F1S1	PUMP,FUEL,CAM ACTUA	1
4	PAOZZ	66289	RM1319L	HOSE ASSEMBLY,NONME	1
5	XAOZZ	66289	RF269	ADAPTER,STRAIGHT, PUMP TO LINE	1
6	PAOZZ	96906	MS90728-32	BOLT,MACHINE PUMP MTG	2
7	XDOZZ	96906	MS35338-45	WASHER,LOCK PUMP MTG	2
8	PAOZZ	66289	LP38FS1	PUMP,FUEL CAM ACTUA	1
9	XAOZZ	66289	LQ-46A-2	SCREW,CAP,HEXAGON COVER MTG	1
10	XAOZZ	66289	LQ-46A-8	WASHER,LOCK COVER MTG	1
11	XAOZZ	66289	LQ-46A-7	COVER	1
12	KFOZZ	66289	LQ-46A-4	GASKET,COVER PART OF KIT P/N LQ46A	1
13	XAOZZ	66289	LQ-46A-5	SCREW,MACHINE HEAD TO BRACKET MTG	6
14	XAOZZ	66289	LQ-46A-16	FUEL HEAD	1
15	KFOZZ	66289	LQ-46A-6	GASKET,VALVE PART OF KIT P/N LQ46A	2
16	KFOZZ	66289	LQ-46A-5	VALVE ASSEMBLY PART OF KIT P/N LQ46A	2
17	KFOZZ	66289	LQ-46A-1	DIAPHRAGM PART OF KIT P/N LQ46A	1
18	KFOZZ	66289	LQ-46A-11	SPRING,DIAPHRAM PART OF KIT P/N LQ46A	1
19	KFOZZ	66289	LQ-46A-13	PIN ROCKER ARM MTG PART OF KIT P/N LQ46A	1
20	KFOZZ	66289	LQ-46A-9	BUSHING ROCKER ARM PIN PART OF KIT P/N LQ46A	1
21	KFOZZ	66289	LQ-46A-12	SPRING ROCKER ARM PART OF KIT P/N LQ46A	1
22	XAOZZ	66289	LQ-46A-14	ROCKER ARM	1
23	KFOZZ	66289	LQ-46A-10	LINK ROCKER ARM PART OF KIT P/N LQ46A	1
24	PAOZZ	66289	QD538A	GASKET FUEL PUMP MTG PART OF KIT P/N Q18B	1
25	XAOZZ	66289	LQ-46A-15	BRACKET,MOUNTING	1
26	PAOZZ	81349	M1LB857TYPE2GRAD E2	BOLT,MACHINE PUMP FLANGE MTG	2
27	PAOZF	96906	MS35338-44	WASHER,LOCK PUMP FLANGE MTG	2
28	XBOZZ	66289	TF96-4	PARTS KIT, ENGINE FU FUEL PUMP	1
29	XAOZZ	66289	TA111A	PLUNGER	1
30	XAOZZ	66289	TA116	CAP	1
31	XAOZZ	66289	TA115	HANDLE	1
32	XAOZZ	66289	TA114S1	SHAFT	1
33	XAOZZ	66289	JK50	PACKING,PREFORMED	1
34	XAOZZ	66289	PM145	SPRING,HELICAL	1
35	PAOZZ	66289	QD67	GASKET PRMER ASSEMBLY PART OF KIT P/N Q18B	1
	PAOZZ	66289	LQ46A	REPAIR KIT,FUEL	1
				BUSHING (1) 10-20	
				DIAPHRAGM (1) 10-17	
				GASKET,COVER (1) 10-12	

SECTION II		TM5-4320-272-20P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GASKET, VALVE (2) 10-15	
				LINK (1) 10-23	
				PIN (1) 10-19	
				SPRING (1) 10-21	
				SPRING, DIAPHRAM (1) 10-18	
				VALVE ASSEMBLY (2) 10-16	
END OF FIGURE					

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2 THRU 7

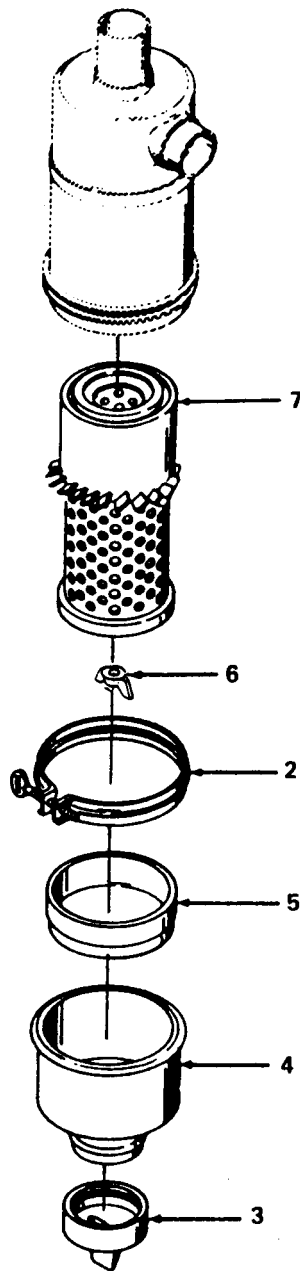
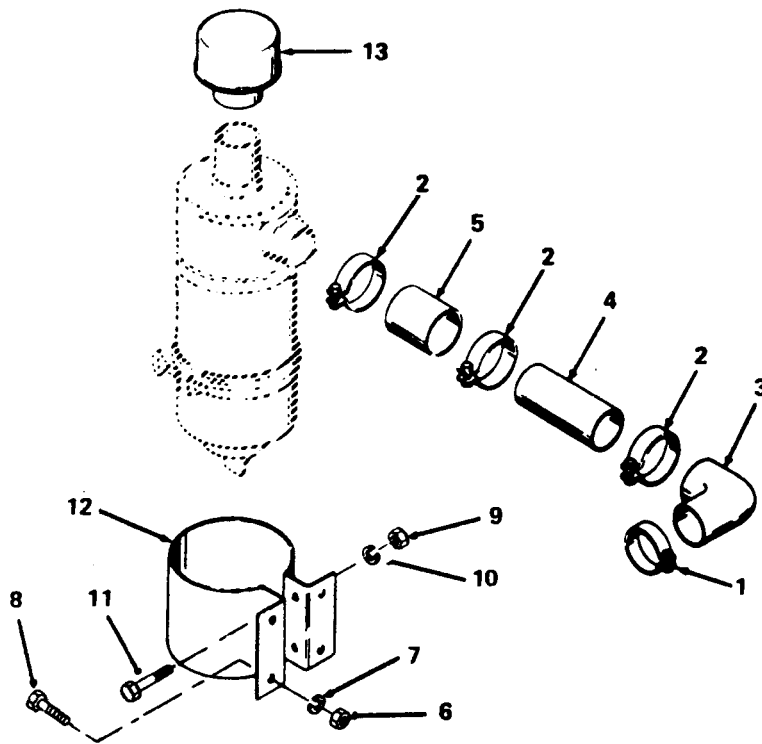


Figure 11. Air Cleaner Assembly.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 03 FUEL SYSTEM					
FIG. 11 AIR CLEANER ASSEMBLY					
1	PBOZZ	18265	FWG05-2527	AIR CLEANER	1
2	XAOZZ	18265	P2904	COUPLING, CLAMP	1
3	PAOZZ	18265	P10-3198	VACUUM DIAPHRAGM	1
4	XBOZZ	18265	P10-3838	CUP, DUST	1
5	XBOZZ	18265	P10-2523	BAFFLE	1
6	PAOZZ	18265	P10-1870	NUT, WING	1
7	PAOZZ	18265	P10-1275	FILTER ELEMENT	1
END OF FIGURE					



4782-012

Figure 12. Air Cleaner Bracket and Piping.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-272-20P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 03 FUEL SYSTEM						
FIG. 12 AIR BRACKET AND PIPING						
1	PAOZZ	66289	LK24		CLAMP,HOSE	1
2	XDOZZ	66289	LK9		CLAMP,HOSE	3
3	PAOZZ	66289	LL89-2		ELBOW,AIR CLEANER	1
4	PBOZZ	66289	LJ131-3		TUBE,AIR CLEANER	1
5	XDOZZ	66289	LL18		HOSE,NONMETALLIC	1
6	PAOZZ	66289	PD78		NUT,PLAIN,HEXAGON, AIR CLEANER MTG.	4
7	XDOZZ	96906	MS35338-45		WASHER,LOCK AIR CLEANER MTG	4
8	PAOZZ	96906	MS90725-31		BOLT,MACHINE AIR CLEANER MTG	4
9	XDOZH	96906	MS35690-402		NUT,PLAIN,HEXAGON AIR CLEANER MTG	2
10	PAOZF	96906	MS35338-44		WASHER,LOCK AIR CLEANER MTG	2
11	XDOZZ	66289	XA74		SCREW,CAP,HEXAGON, AIR CLEANER MTG	2
12	XBOZZ	66289	PG512		BRACKET,AIR CLEANER	1
13	XBOZZ	66289	L062		CAP,AIR INTAKE AIR CLEANER	1
END OF FIGURE						

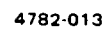
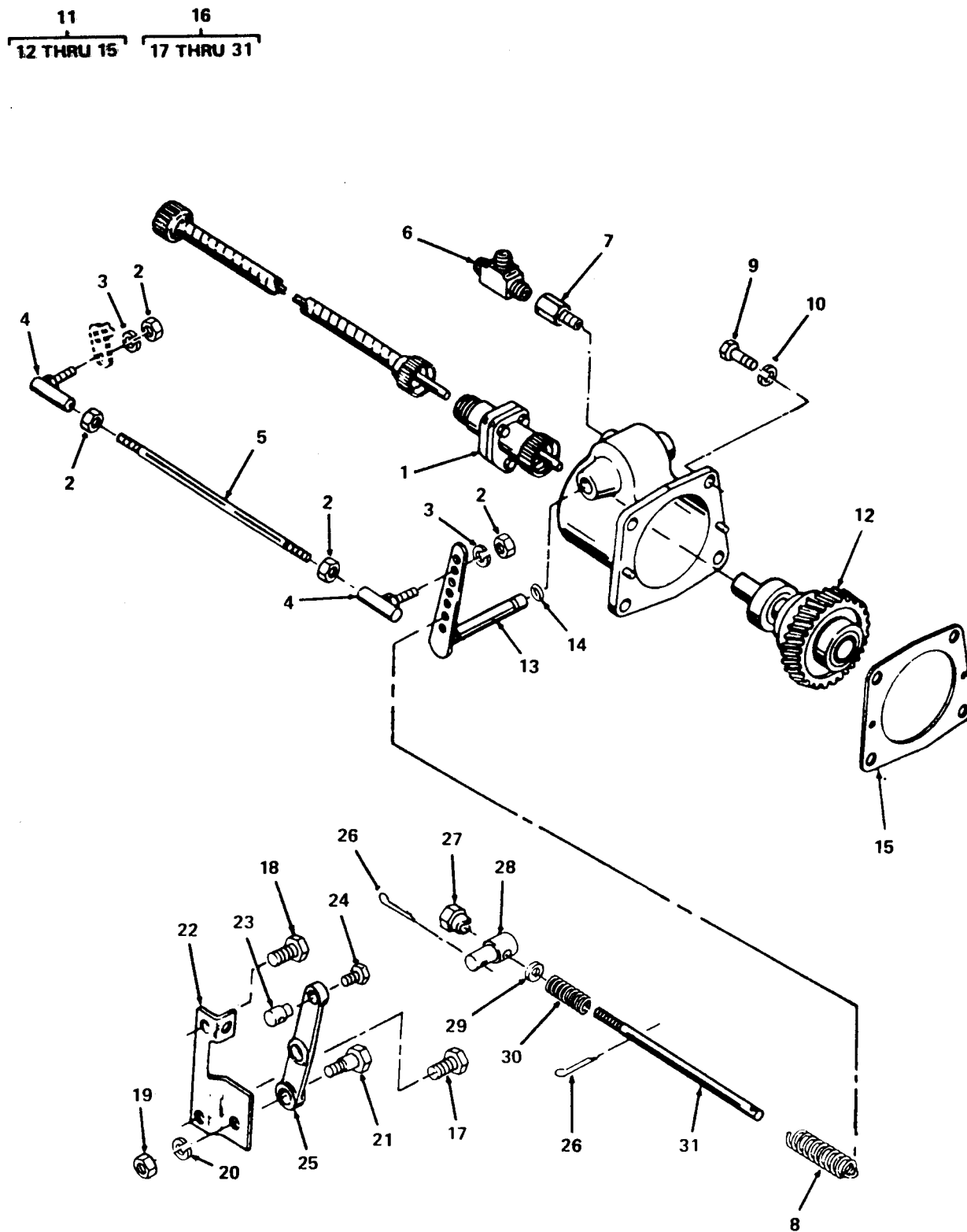


Figure 13. Fuel Tank, Lines, and Fitting.

SECTION II (1)	SMR (2)	FSCM (3)	TM5-4320-272-20P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 03 FUEL SYSTEM					
FIG. 13 FUEL TANK, LINES, AND FITTING					
1	PAOZZ	96906	MS20913-3K	PLUG,PIPE FUEL TANK	1
2	PAOZZ	79470	00904HJ02J04-036	HOSE ASSEMBLY,FUEL	1
3	PAOZZ	05748	35564	ELBOW,PIPE	1
4	XDOZZ	79470	3220X4X2	BUSHING,PIPE	1
5	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON, TANK MTG	4
6	PAOZF	96906	MS35338-46	WASHER,LOCK TANK MTG	4
7	PAOZF	96906	MS27183-14	WASHER,FLAT TANK MTG	4
8	PAOZZ	96906	MS90725-62	SCREW,CAP,HEXAGON H TANK MTG	4
9	PAOZZ	96906	MS14314-2X	PLUG,PIPE VALVE	1
10	XDOZH	96906	MS35690-402	NUT,PLAIN,HEXAGON VALVE MTG	2
11	PAOZF	96906	MS35338-44	WASHER,LOCK VALVE MTG	2
12	PAOZH	96906	MS90725-6	SCREW,CAP,HEXAGON H VALVE MTG	2
13	XDOZZ	05748	37843	PLATE	1
14	PAOZZ	05748	32154	VALVE,BALL	1
15	XBOZZ	79470	W3400X4	ELBOW,PIPE	1
16	PAOZZ	79470	3327X4	NIPPLE,PIPE	1
17	XDOZZ	05748	52925SA	TUBE ASSEMBLY,METAL	1
18	PAOZZ	96906	MS35645-1	CAP,FILLER OPENING	1
19	PAOZZ	96906	MS90908-1	STRAINER, FUEL TANK	1
20	XDOZZ	09393	8680L20.5	GAGE,FLOAT,TYPE, FUEL TANK	1
21	XBOZZ	05748	56814SA	TANK,FUEL,ENGINE	1

END OF FIGURE



4782-014

Figure 14. Governor and Controls.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-272-20P (5)	DESCRIPTION AND USABLE ON CODE (UOC)	QTY (6)
NO	CODE		NUMBER			
GROUP 03 FUEL SYSTEM						
FIG. 14 GOVERNOR AND CONTROLS						
1	XDOZZ	98738	777D4621RATIO		ADAPTER, STRAIGHT, HOURMETER	1
2	PAOZZ	66289	PD115-2		NUT, PLAIN, HEXAGON, GOVERNOR CONTROLS	4
3	PAOZF	96906	MS35338-43		WASHER, LOCK GOVERNOR CONTROLS	2
4	PBOZZ	66289	VE674A		BALL JOINT	2
5	PBOZZ	66289	VE689C		ROD, THREADED	1
6	PAOZZ	66289	RF1281		TEE, PIPE TO TUBE	1
7	PBOZZ	66289	RF1165A		RESTRICTOR, FLUID FL	1
8	PBOZZ	66289	PM76		SPRING, HELICAL, EXTE	1
9	PAOZZ	66289	XD16		BOLT, MACHINE GOVERNOR MTG	4
10	XDOZZ	96906	MS35338-45		WASHER, LOCK GOVERNOR MTG	4
11	PBOZF	66289	T84H1		GOVERNOR, GASOLINE	1
15	PAOZZ	66289	QD615A		GASKET	1
END OF FIGURE						

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2 THRU 5

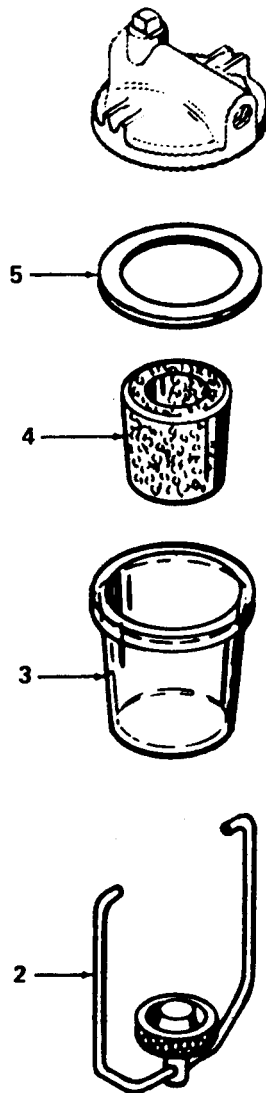


Figure 15. Fuel Strainer Assembly.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 03 FUEL SYSTEM					
FIG. 15 FUEL STRAINER ASSEMBLY					
1	XDOZZ	78480	OW444	STRAINER ASSEMBLY	1
2	XAOZZ	78480	OW447	CLAMP AND NUT	1
3	KFOZZ	78480	OW363	BOWL, SEDIMENT PART OF KIT P/N LQ32	1
4	KFOZZ	78480	OW352	SCREEN, FILTER PART OF KIT P/N LQ32	1
5	PAOZZ	78480	06096	GASKET BOWL	1
6	PAOZZ	66289	LQ32	PARTS KIT, SEDIMENT	1
BOWL, SEDIMENT (1) 15-3					
SCREEN, FILTER (1) 15-4					
END OF FIGURE					

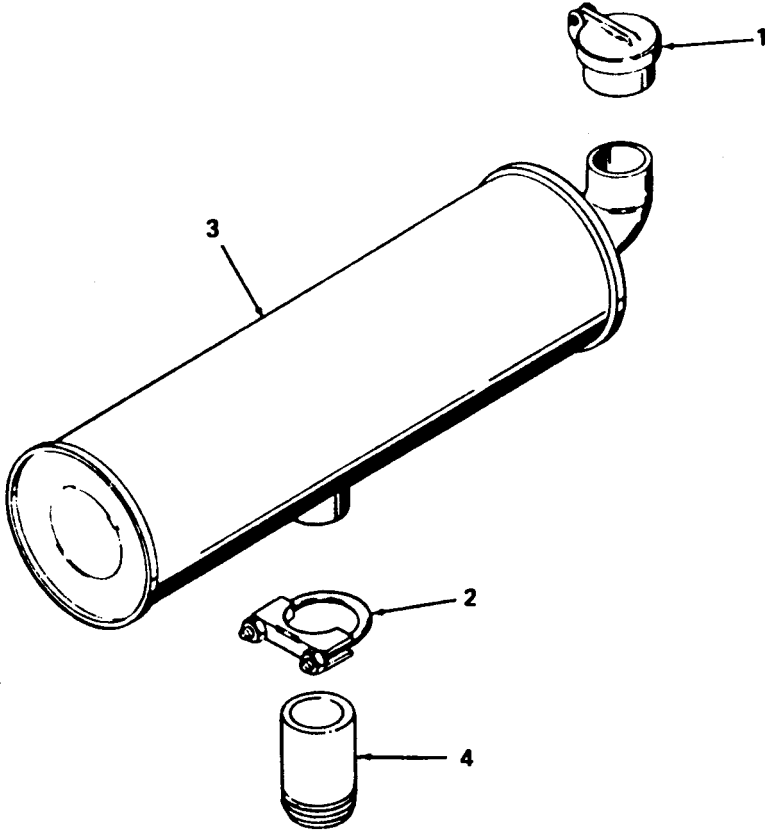
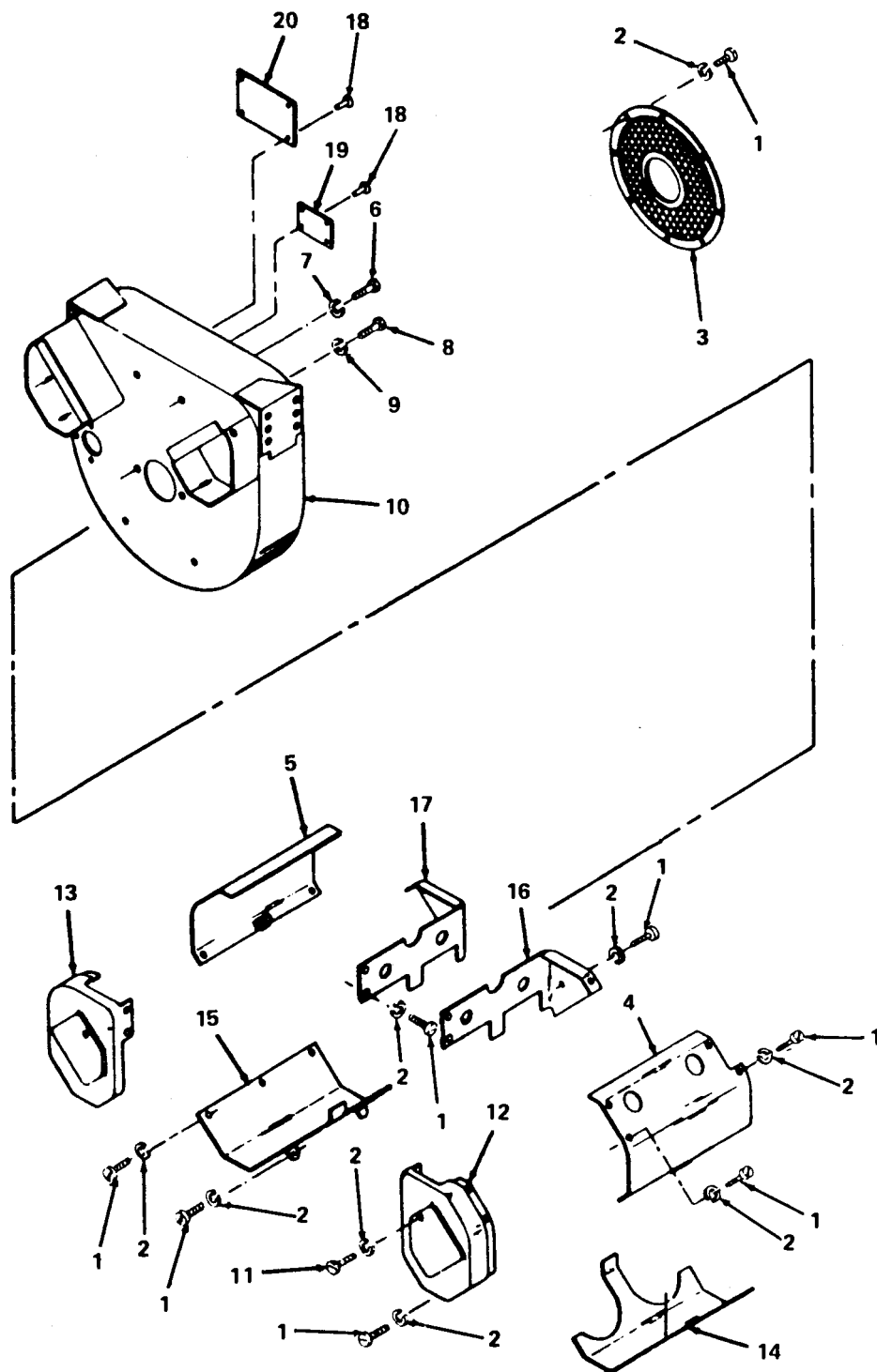


Figure 16. Muffler and Piping.

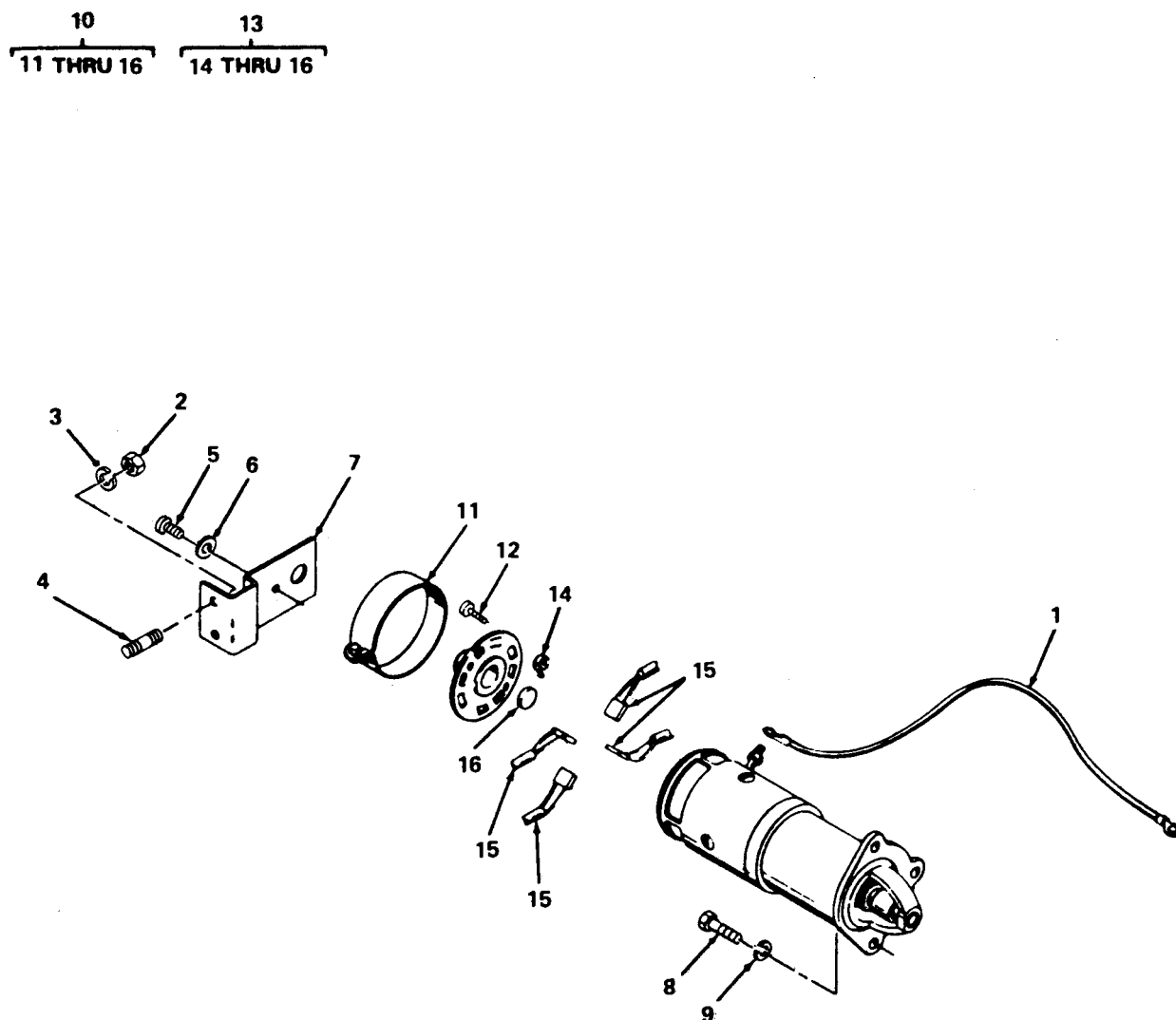
SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 04 EXHAUST SYSTEM					
FIG. 16 MUFFLER AND PIPING					
1	PAOZZ	11431	11005	CAP ASSEMBLY,PROTEC	1
2	PAOZZ	14934	U200	CLAMP,LOOP	1
3	PAOZZ	76700	T5486	MUFFLER,EXHAUST	1
4	PAOZZ	05748	53744	NIPPLE,PIPE	1
END OF FIGURE					



4782-017

Figure 17. Air Shrouding.

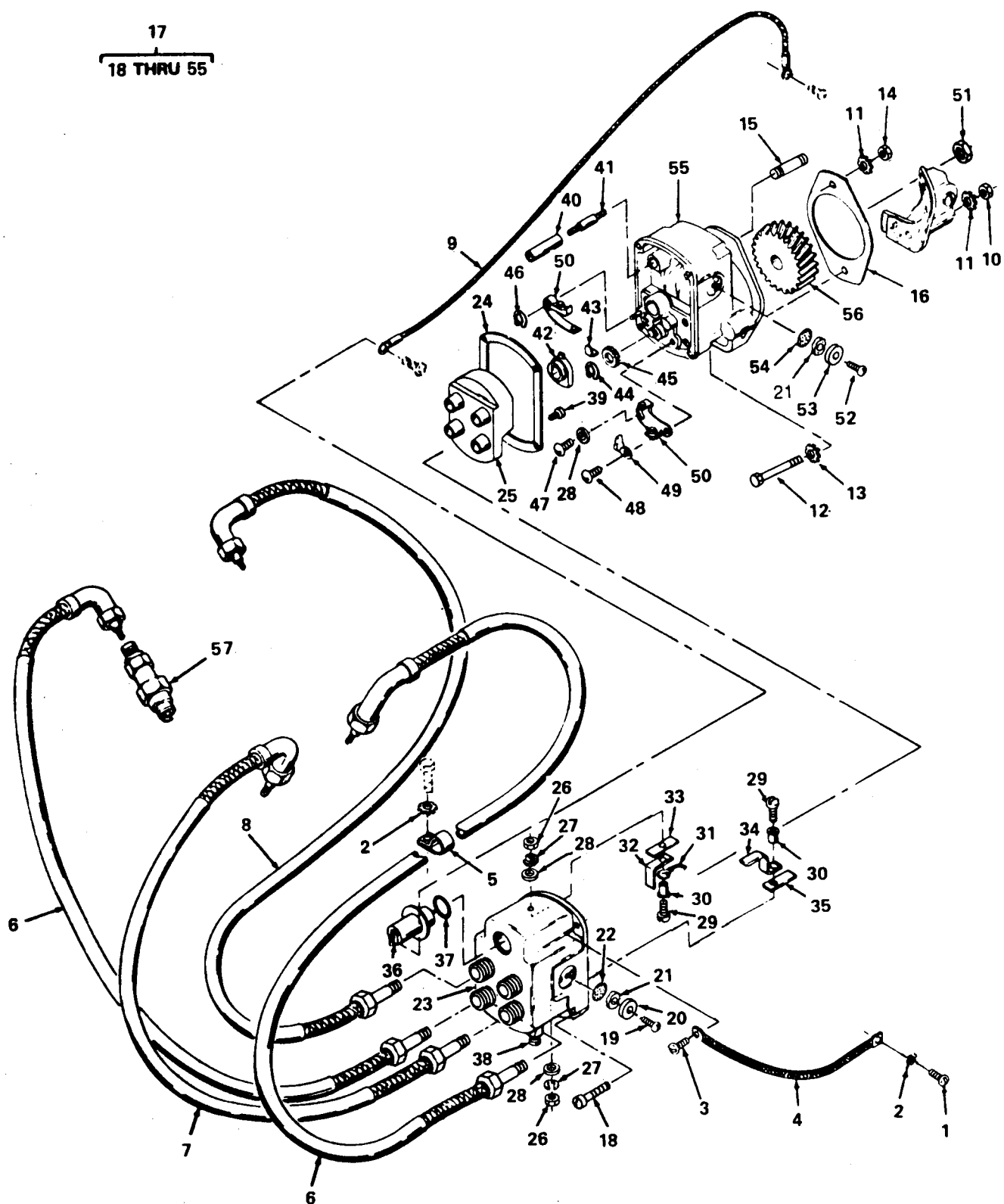
SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-272-20P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 05 COOLING SYSTEM						
FIG. 17 AIR SHROUDING						
1	PAOZO	96906	MS35206-277		SCREW,MACHINE, SHROUD MTG	8
2	PAOZF	96906	MS35338-44		WASHER,LOCK SHROUD MTG	8
3	XBOZZ	66289	SE48-1		SCREEN	1
4	PBOZZ	66289	SE127A		SHROUD,CYLINDER, LEFT HAND SIDE	1
5	PBOZZ	66289	SE127		SHROUD,CYLINDER, RIGHT HAND SIDE	1
6	XDOZZ	66289	XD13-1		BOLT,MACHINE, SHROUD MTG	4
7	PAOZZ	66289	PF46A		WASHER,LOCK SHROUD MTG	4
8	XBOZZ	66289	XD114-1		SCREW,CAP,HEXAGON, SHROUD MTG	2
9	PAOZZ	66289	PE56A		WASHER,LOCK SHROUD MTG	2
11	PAOZO	96906	MS35206-279		SCREW,MACHINE, SHROUD MTG	2
12	PBOZZ	66289	SE125A		DEFLECTOR,AIRFLOW LEFT HAND SIDE	1
13	PBOZZ	66289	SE125		DEFLECTOR,AIRFLOW RIGHT HAND SIDE	1
14	PBOZZ	66289	SE126A		DEFLECTOR,AIRFLOW LOWER LEFT HAND SIDE	1
15	PBOZZ	66289	SE126		DEFLECTOR,AIRFLOW LOWER RIGHT HAND SIDE	1
16	PBOZZ	66289	SE128C		DEFLECTOR,AIRFLOW LEFT HAND SIDE	1
17	PBOZZ	66289	SE128B		DEFLECTOR,AIRFLOW RIGHT HAND SIDE	1
END OF FIGURE						



4782-019

Figure 19. Starting Motor.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 06 ELECTRICAL SYSTEM					
FIG. 19 STARTED MOTOR					
1	PAOZZ	66289	YL356-28	LEAD,ELECTRICAL, STARTER	1
2	PAOZZ	81349	MILB857TYPE2STYL EAORBGRADE1	NUT,PLAIN,HEXAGON STARTER MTG	2
3	XDOZZ	96906	MS35338-45	WASHER,LOCK STARTER MTG	2
4	PAOZZ	66289	PC396	STUD,PLAIN STARTER BRACKET MTG	2
5	PAOZZ	96906	MS35207-263	SCREW,MACHINE, STARTER MTG	1
6	XDOZZ	66289	PH194	WASHER,SPECIAL STARTER MTG	1
7	XBOZZ	66289	PG515A	BRACKET,SUPPORT, STARTER	1
8	PAOZZ	66289	PB187	SCREW,CAP,HEXAGON STARTER MTG	3
9	PAOZZ	66289	PE5A	WASHER,LOCK STARTER MTG	3
10	PAOZZ	19728	MBP4018T	STARTER,ENGINE,ELEC	1
11	XBOZZ	19728	28MZ1024AD	COVER,BRUSH ACCESS	1
12	XDOZZ	19728	28MZ52B	SCREW,CAP,HEXAGON, COMMUTATOR END MTG	2
13	XBOZZ	19728	28MBP2002B	COMMUTATOR END	1
14	XDOZZ	19728	28MZ19CS	SPRING SET,BRUSH	1
15	PAOZZ	19728	MBP1034AS	BRUSH,ELECTRICAL CO GROUND PART OF KIT P/N 28MBW2012CS	4
16	PAOZZ	19728	MAD110	WICK	1
	PAOZZ	19728	28MBW2012CS	BRUSH SET, STARTER BRUSH,ELECTRICAL CO(4) 19-15	1
END OF FIGURE					



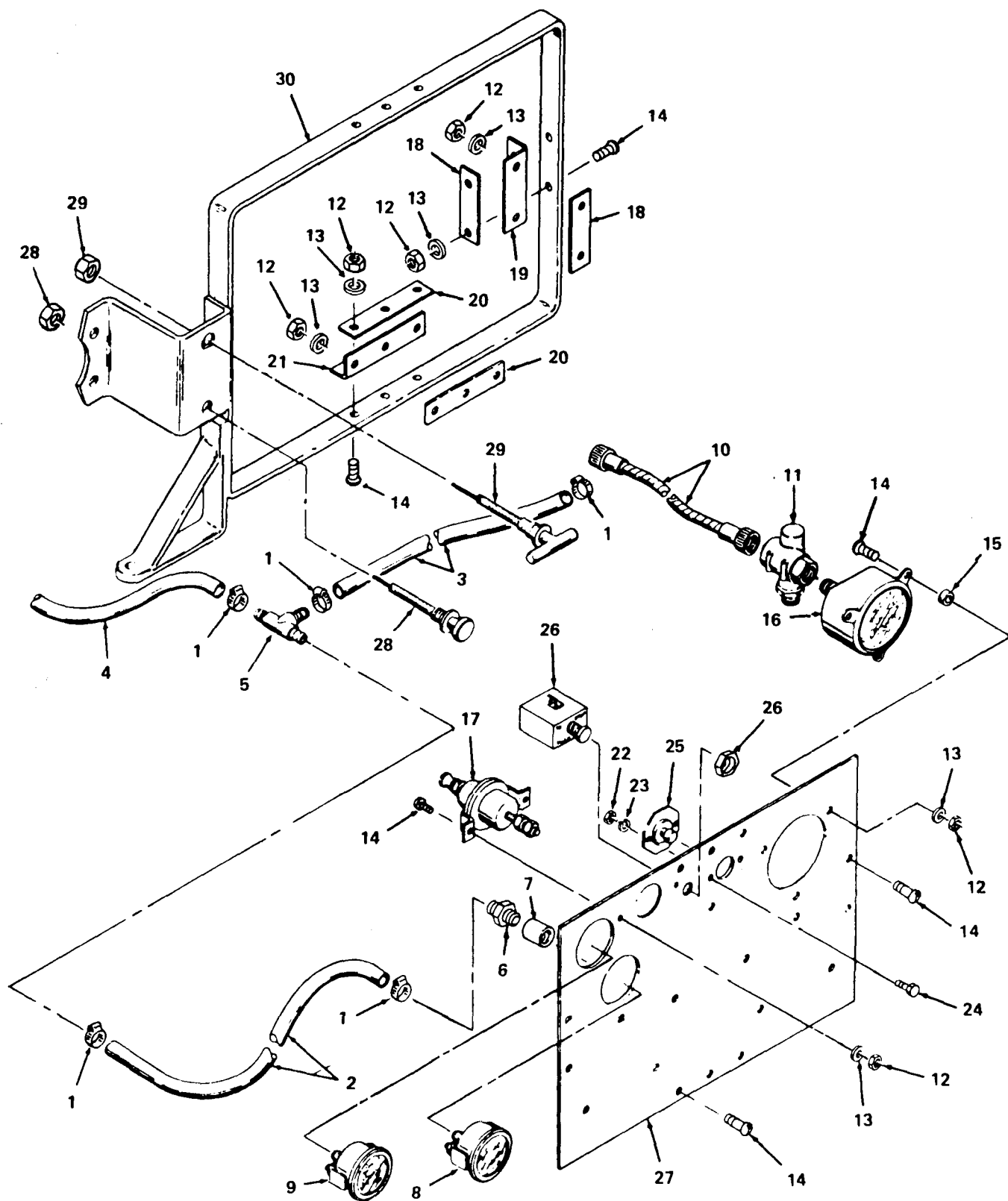
4782-020

Figure 20. Ignition System.

SECTION II (1)	(2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 06 ELECTRICAL SYSTEM					
FIG. 20 IGNITION SYSTEM					
1	PAOZZ	96906	MS35206-277	SCREW,MACHINE, LEAD MTG	1
2	PAOZZ	96906	MS35335-33	WASHER,LOCK	4
3	PAOZZ	82796	10S10D	SCREW,ASSEMBLED WAS GROUND STRAP	2
4	PAOZZ	66289	YL355-5	LEAD,ELECTRICAL GROUND	1
5	PAOZZ	66289	PG558	CLAMP,LOOP	4
6	PAOZZ	66289	YD300-32	LEAD,IGNITION,ENGIN	2
7	PAOZZ	66289	YD300-23	LEAD,IGNITION,ENGIN	1
8	PAOZZ	66289	YD300-40	LEAD,IGNITION,ENGIN	1
9	XDOZZ	05748	53936	LEAD,ELECTRICAL	1
10	PAOZZ	66289	PD79	NUT,PLAIN,HEXAGON, MAGNETO	1
11	PAOZZ	66289	PE56A	WASHER,LOCK, MAGNETO	2
12	PAOZZ	96906	MS90725-67	SCREW,CAP,HEXGAON H MAGNETO HOUSING	1
13	PAOZZ	66289	PE76A	WASHER,LOCK MAGNETO HOUSING	1
14	PAOZZ	66289	PD11	NUT,PLAIN,HEXAGON MAGNETO HOUSING	1
15	PAOZZ	66289	PC429	STUD,PLAIN, MAGNETO HOUSING	1
16	PAOZZ	66289	QD616	GASKET MAGNETO PART OF KIT P/N Q18B	1
17	PBOZZ	82796	FMXZE4B7-4	MAGNETO,IGNITION	1
18	PAOZZ	88044	AN500A10-18	SCREW,MACHINE	2
19	PAOZZ	96906	MS35206-228	SCREW,MACHINE, VENT COVER	2
20	PAOZZ	82796	A1232	HOOD,VENT SHIELD,MA	2
21	PAOZZ	58536	A-A-1044	WOOL,METALLIC VENT	4
22	PAOZZ	82796	A6032A	FILTERING DISK,FLUI	2
23	PBOZZ	82796	LY2430A	CAP, IGNITION	1
24	PAOZZ	82796	K2498	GASKET CAP	1
25	KFOZZ	82796	L2474E	BLOCK,DISTRIBUTOR PART OF KIT P/N SK90	1
26	PAOZZ	82796	6N1	NUT,PLAIN,HEXAGON MAGNETO GROUND	1
27	PAOZZ	82796	6LW1	WASHER,LOCK MAGNETO GROUND	1
28	PAOZZ	82796	D2458	WASHER,FLAT	1
29	PAOZZ	82796	6S8N	SCREW SUPPORT BUSHING	2
30	XDOZZ	82796	G2457A	INSULATOR,BUSHING	2
31	PBOZZ	82796	K2499A	LEAD ELECTRICAL GROUND SWITCH	1
32	PBOZZ	82796	K2513	CONTACT,ELECTRICAL	1
33	XDOZZ	82796	B1355	GUIDE	1
34	XDOZZ	82796	H2514	CONTACT,ELECTRICAL	1
35	PBOZZ	82796	W2514	SUPPORT,CONTACT	1
36	PAOZZ	82796	MX2433	CAPACITOR,FIXED,PAP	1
37	PBOZZ	82796	P2473	PACKING,PREFORMED	1
38	PAOZZ	82796	LX2514C	PLUNGER,SWITCH GROU	1
39	PAOZZ	80212	S581	SCREW,ASSEMBLED	4
40	XBOZZ	82796	D1182	INSULATOR,STANDOFF	1
41	XBOZZ	82796	F983B	TERMINAL,STUD	1
42	KFOZZ	82796	X2765X	ROTOR,IGNITION DIST PART OF KIT P/N SK90	1
43	PBOZZ	82796	A2766	CLIP,SPRING	1
44	XBOZZ	82796	D1498	RING,RETAINING	1
45	XBOZZ	82796	Q5952	GEAR,ROTOR	1
46	XBOZZ	82796	C1498G	RING,RETAINING	1

SECTION II				TM5-4320-272-20P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
47	XDOZZ	82796	6S6Z	SCREW LOCKWASH CONTACT MTG	1
48	PAOZZ	16764	453696	SCREW,ASSEMBLED WAS	1
49	PAOZZ	82796	G2788	CAM WICK AND HOLDER W/HOLDER	1
50	PAOZZ	82796	A2437AX	CONTACT SET,DISTRIB PART OF KIT P/N SK90	1
51	PAOZZ	82796	M2570	NUT,PLAIN, MAGNETO	1
52	PAOZZ	82796	6S4L	SCREW COVER	2
53	XDOZZ	82796	B6030A	VENT COVER,MAGNETO	2
54	PAOZZ	82796	C6032B	STRAINER ELEMENT,SE	2
55	XBOZZ	82796	WW2425	HOUSING	1
56	XBOZZ	66289	GD103-1	GEAR,HELICAL	1
57	PAOZO	11583	XMD21	SPARK PLUG	4
	PBOZZ	82796	SK90	PARTS KIT,IGNITION	1
				BLOCK,DISTRIBUTOR (1) 20-25	
				CONTACT SET,DISTRIB (1) 20-50	
				ROTOR,IGNITION DIST (20-42)	

END OF FIGURE

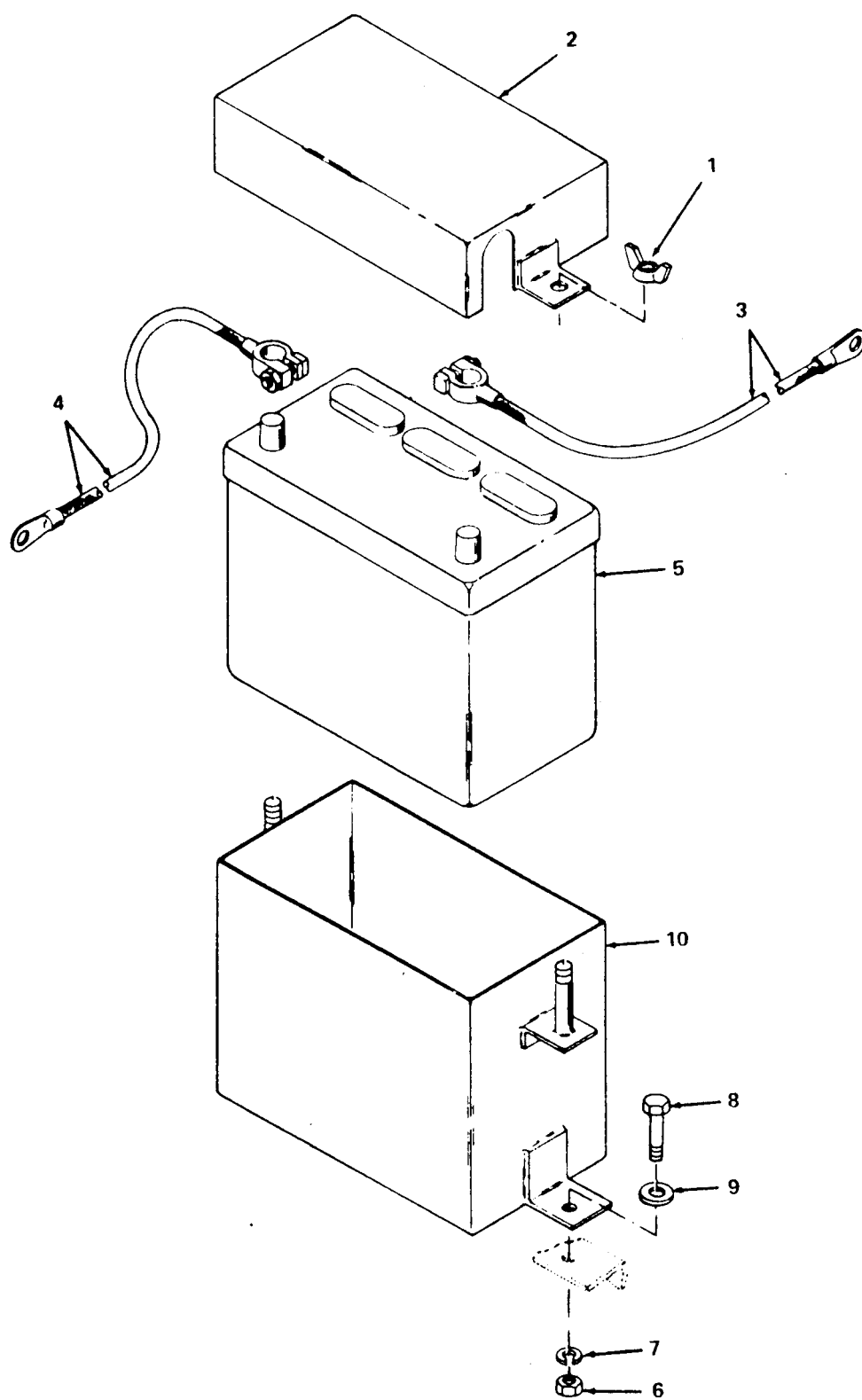


4782-021

Figure 21. Control Panel and Connections.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 06 ELECTRICAL SYSTEM					
FIG. 21 CONTROL PANEL AND CONNECTIONS					
1	XDOZZ	76599	GS4SS	CLAMP	6
2	PAOZZ	05748	56604	HOSE, NONMETALLIC	1
3	PAOZZ	05748	56605	HOSE, NONMETALLIC	1
4	PAOZZ	05748	56606	HOSE, NONMETALLIC	1
5	XDOZZ	79470	110-04807	TEE	1
6	PAOZZ	79470	1537	FITTING	3
7	PAOZZ	05748	03225	ADAPTER, STRAIGHT, PI	1
8	XDOZZ	66289	RS11	GAGE, PRESSURE, OIL	1
9	PAOZZ	66289	VE6	AMMETER	1
10	PAOZZ	57733	446058-60	SHAFT ASSEMBLY	1
11	XDOZZ	57733	ES411335	ADAPTER, REVERSING TACHOMETER	1
12	PAOZZ	96906	MS21044N3	NUT, SELF-LOCKING	25
13	PAOZF	96906	MS27183-8	WASHER, FLAT	20
14	PAOZF	96906	MS35207-266	SCREW, MACHINE	20
15	PAOZZ	05748	17046	BUSHING, RUBBER	3
16	PBOZF	96906	MS35916-2	TACHOMETER, MECHANIC 2000 RPM	1
17	PAOZZ	66289	YC48	SWITCH, PRESSURE LOW OIL	1
18	XDOZZ	05748	37504	PLATE, MOUNTING, 2 HOLE	4
19	PBOZZ	05748	37502	PAD, MOUNTING 4 HOLE	2
20	XDOZZ	05748	37503	PLATE, MOUNTING, 3 HOLE	4
21	PBOZZ	05748	37501	RUBBER STRIP 6 HOLE	2
22	XDOHZ	96906	MS35690-402	NUT, PLAIN, HEXAGON	2
23	PAOZF	96906	MS35338-44	WASHER, LOCK	2
24	PAOZO	96906	MS90725-5	SCREW, CAP, HEXAGON H	2
25	PAOZZ	66289	YC10C	SWITCH, PUSH	1
26	PAOZZ	66289	YC9FS1	SWITCH, PUSH-PULL	1
27	XDOZZ	05748	59271SA	PANEL ASSEMBLY	1
28	PBOZZ	66289	VE435C	CONTROL, CHOKE	1
29	PBOZZ	66289	VE527WA	CONTROL ASSEMBLY, PU	1
30	XDOZZ	05748	52892SA	BRACKET, MOUNTING	1

END OF FIGURE

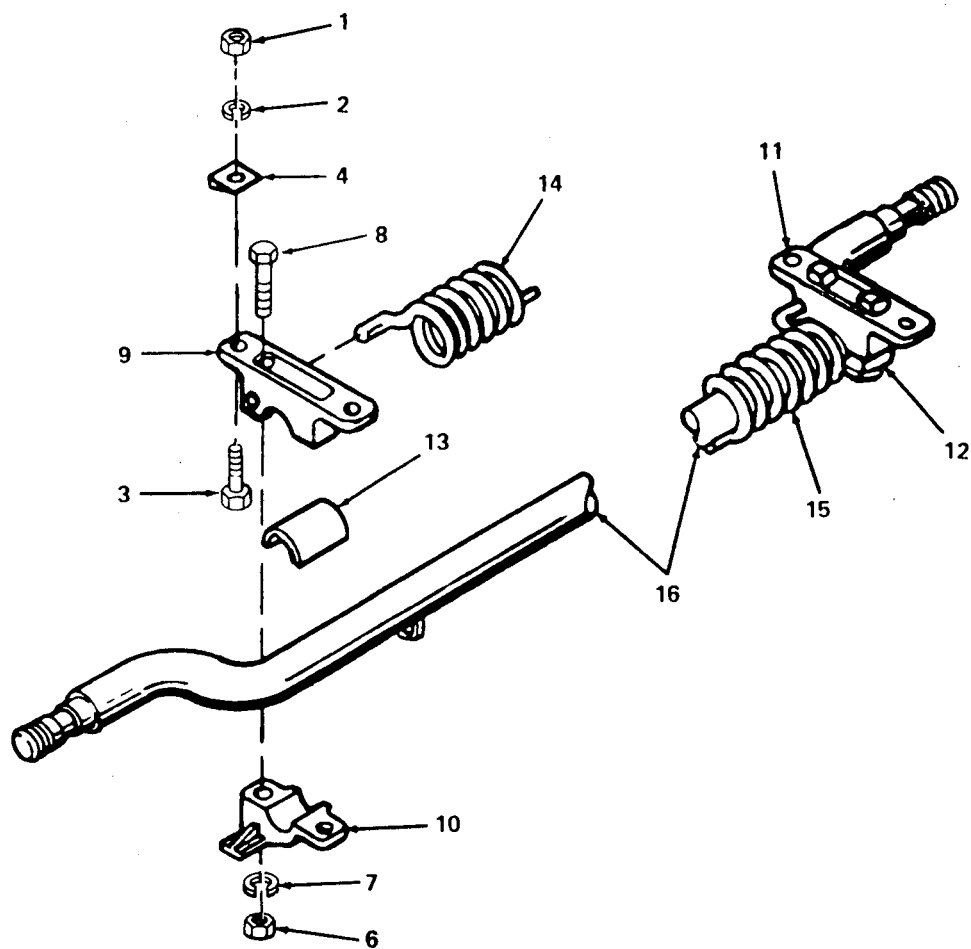


4782-022

Figure 22. Battery Box and Battery.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-272-20P (5)	DESCRIPTION AND USABLE ON CODE (UOC) (6)	QTY
NO	CODE		PART NUMBER			
GROUP 06 ELECTRICAL SYSTEM						
FIG. 22 BATTERY BOX AND BATTERY						
1	PAOZZ	96906	MS35425-42	NUT,PLAIN,WING, COVER MTG		2
2	XBOZZ	05748	52896SA	COVER,BATTERY BOX		1
3	PAOZZ	05748	53957	CABLE,BATTERY, POSITIVE		1
4	PAOZZ	05748	53958	CABLE,BATTERY NEGATIVE,GROUND		1
5	PAOZA	96906	MS75047-1	BATTERY,STORAGE		1
6	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON BATTERY BOX MTG		3
7	PAOZF	96906	MS35338-46	WASHER,LOCK BATTERY BOX MTG		3
8	PAOZZ	96906	MS90725-62	SCREW,CAP,HEXAGON H BATTERY BOX MTG		3
9	PAOZF	96906	MS27183-14	WASHER,FLAT BATTERY BOX MTG		3
10	XDOZZ	05748	52895SA	BOX,BATTERY		1
END OF FIGURE						

5
6 THRU 16



4782-023

Figure 23. Axle.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 10 AXLE	
				FIG. 23 AXLE	
1	XDOZZ	05748	02504	NUT,PLAIN,HEXAGON, BRACKET MTG	4
				END OF FIGURE	

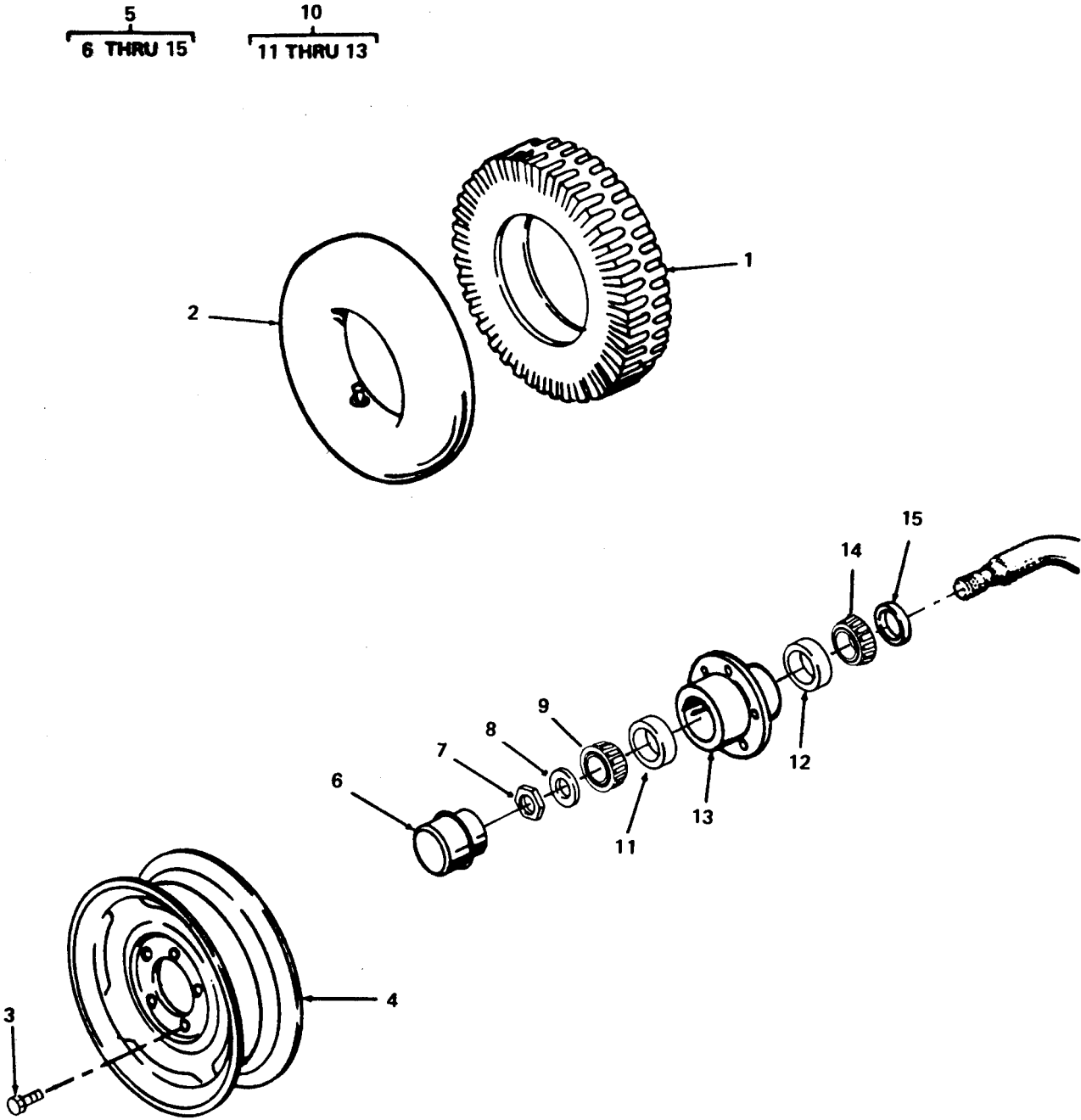
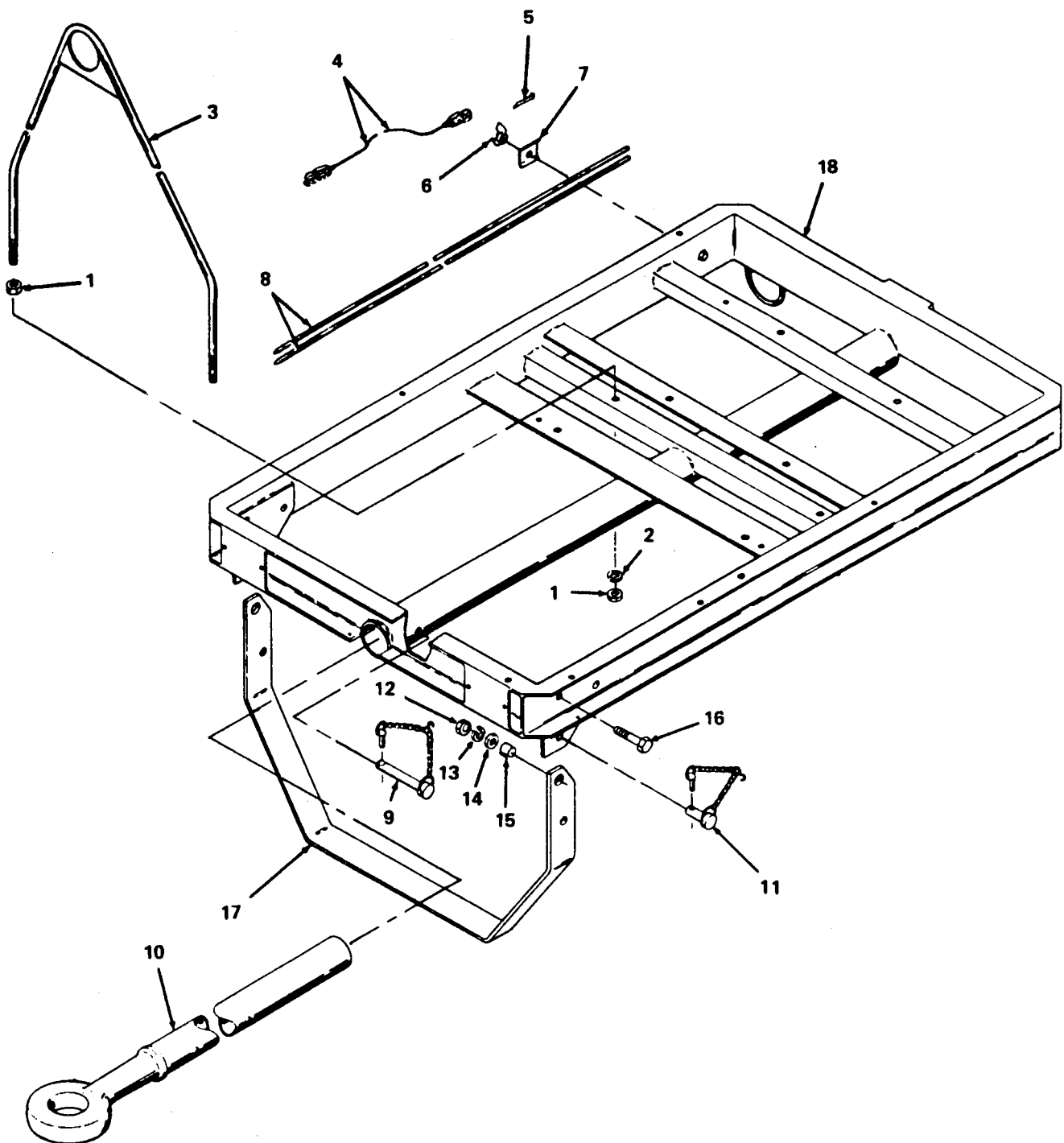


Figure 24. Wheel and Hub.

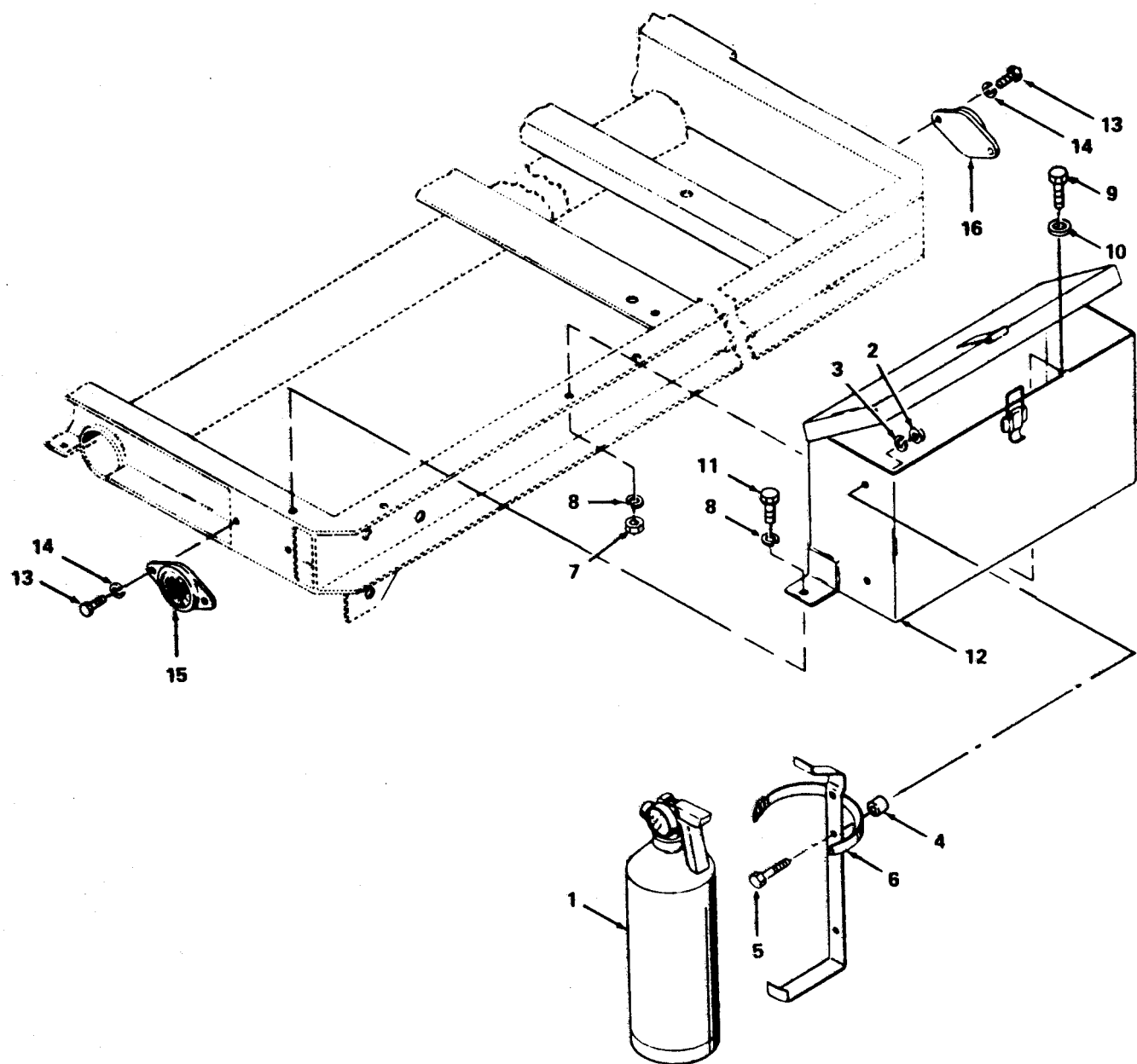
SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 13 WHEELS					
FIG. 24 WHEEL AND HUB					
1	PAOZH	81348	ZZ-T-381M/GP2/7. 00-15/D/LTHR	TIRE,PNEUMATIC	2
2	PAOZZ	96906	MS35392-157	INNER TUBE,PNEUMATI	2
3	PAOZZ	27767	83922	BOLT,MACHINE, WHEEL MTG	10
4	XBOZZ	27767	82551	WHEEL	2
5	XBOZZ	27767	545UH1	HUB ASSEMBLY	2
6	XBOZZ	27767	81733	CAP,GREASE	1
7	XDOZZ	99024	16-5940	NUT,SLOTTED,HEXAGON	2
8	XDOZZ	99024	16-5809	WASHER,KEY	2
9	PAOZZ	60038	L44649L44610	BEARING,ROLLER,TAPE OUTER	2
10	XBOZZ	27767	86429	HUB ASSEMBLY	2
11	PAOZZ	60038	L44610	CUP,TAPERED ROLLER TAPERED ROLLER,OUTER	2
12	PAOZZ	60038	L68111	CUP, TAPERED ROLLER,INNER	2
13	XBOZZ	27767	86426	HUB	2
14	PAOZZ	60038	L68149	BEARING,ROLLER, INNER	2
15	PAOZZ	81596	58846	SEAL,GREASE	2
END OF FIGURE					



4782-025

Figure 25. Trailer Frame and Related Parts.

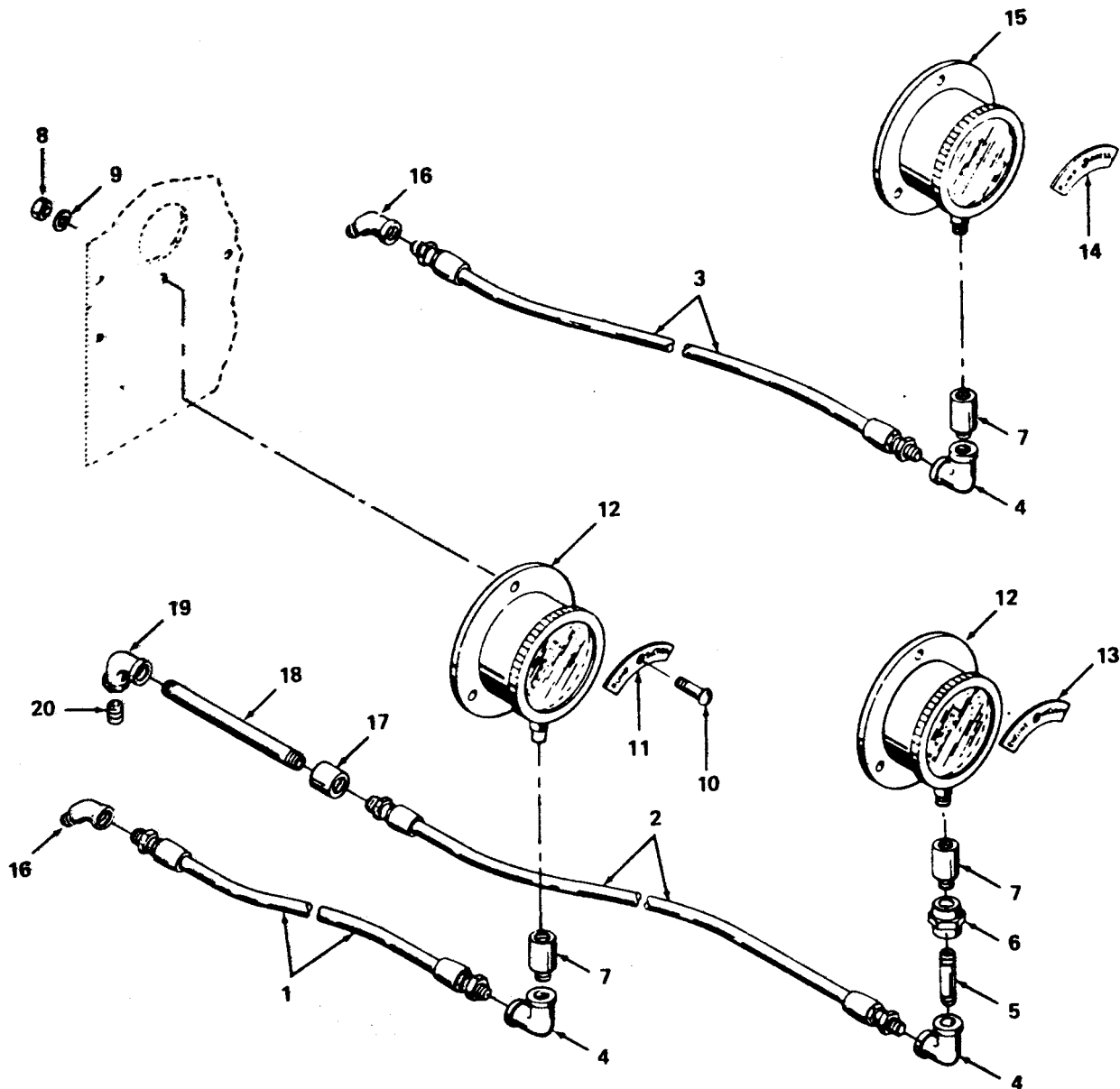
SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 15 FRAME					
FIG. 25 TRAILER FRAME AND RELATED PARTS					
1	PAOZZ	96906	MS35691-57	NUT,PLAIN,HEXAGON BAIL MTG	4
2	PAOZZ	96906	MS35338-51	WASHER,LOCK, BAIL MTG	2
3	XDOZZ	05748	52899SA	BAIL ASSEMBLY	1
4	PAOZZ	05748	39160SA	CABLE ASSEMBLY GROUND ROD	2
5	PAOZF	96906	MS24665-283	PIN,COTTER	1
6	PAOZZ	96906	MS35425-42	NUT,PLAIN,WING	1
7	XDOZZ	05748	37534	CLAMP,MOUNTING	1
8	PAOZZ	05748	38991	ROD,GROUND	2
9	PBOZZ	05748	53001SA	PIN ASSEMBLY,LOCK	1
10	XBOZZ	05748	52918SA	DRAWBAR ASSEMBLY	1
11	PBOZZ	05748	52999SA	PIN ASSEMBLY,STAND	2
12	PAOZZ	96906	MS51967-20	NUT,PLAIN,HEXAGON, STAND MTG	2
13	XDOZZ	96906	MS35338-50	WASHER,LOCK, STAND MTG	2
14	PAOZZ	96906	MS27183-21	WASHER,FLAT, STAND MTG	2
15	XBOZZ	05748	37374	SPACER, STAND MTG	2
16	PAOZZ	96906	MS90725-165	SCREW,CAP,HEXAGON, STAND MTG	2
17	XBOZZ	05748	37352	STAND	1
END OF FIGURE					



4782-026

Figure 26. Frame Accessory Items.

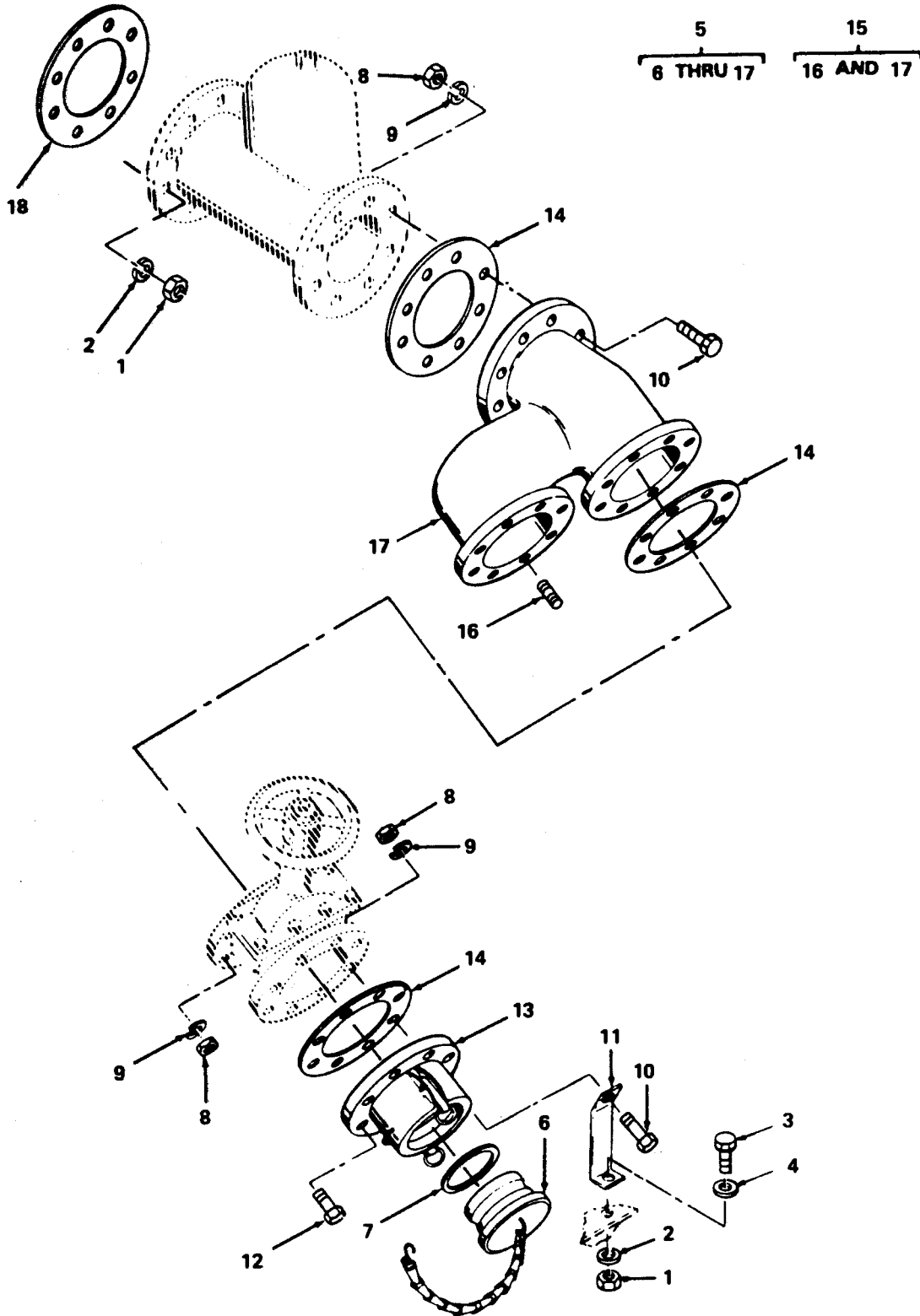
SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-272-20P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 15 FRAME					
FIG. 26 FRAME ACCESSORY ITEMS					
1	PAOZF	03670	IK10E	EXTINGUISHER, FIRE, D	1
2	XDOZH	96906	MS35690-402	NUT, PLAIN, HEXAGON HEXAGON, BRACKET MTG	2
3	PAOZF	96906	MS35338-44	WASHER, LOCK BRACKET MTG	2
4	PBOZZ	05748	38685	SPACER, SLEEVE BRACKET MTG	2
5	PAOZZ	96906	MS90725-11	SCREW, CAP, HEXAGON H BRACKET MTG	2
6	PBOZZ	05748	56848SA	MTG ASSY BRKT	1
7	PAOZZ	96906	MS51967-8	NUT, PLAIN, HEXAGON, TOOL BOX MTG	2
8	PAOZF	96906	MS35338-46	WASHER, LOCK TOOL BOX MTG	3
9	PAOZZ	96906	MS90725-62	SCREW, CAP, HEXAGON H HEXAGON TOOL BOX MTG	2
10	PAOZF	96906	MS27183-14	WASHER, FLAT	2
11	PAOZZ	96906	MS18154-58	SCREW, CAP HEXAGON H HEXAGON, TOOL BOX MTG	1
12	XDOZZ	05748	52898SA	BOX, TOOL	1
13	PAOZH	96906	MS90725-6	SCREW, CAP, HEXAGON H HEXAGON, REFLECTOR MTG	8
14	PAOZF	96906	MS35338-44	WASHER, LOCK REFLECTOR MTG	8
15	PAOZZ	96906	MS35387-2	REFLECTOR, INDICATIN AMBER	2
16	PAOZZ	96906	MS35387-1	REFLECTOR, INDICATIN RED	2
END OF FIGURE					



4782-027

Figure 27. Instruments and Connections.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 47 GAGES, NON-ELECTRICAL					
FIG. 27 INSTRUMENTS AND CONNECTIONS					
1	PAOZZ	79470	01704HJ02104-023	HOSE ASSEMBLY, NONME	1
2	PAOZZ	79470	00904H104J02-046	HOSE ASSEMBLY	1
3	PAOZZ	79470	01704HJ02104-028	HOSE ASSEMBLY, NONME	1
4	PAOZZ	79470	3500X2	ELBOW, PIPE	3
5	PAOZZ	79470	3329X4	NIPPLE, PIPE	1
6	XDOZZ	79470	3300X4	COUPLING, PIPE	1
7	PBOZZ	64467	BW42	DAMPENER, FLUID PRES	3
8	PAOZZ	96906	MS35650-102	NUT, PLAIN, HEXAGON	9
9	PAOZF	96906	MS35338-43	WASHER, LOCK	9
10	PAOZF	96906	MS35207-266	SCREW, MACHINE	9
11	XDOZZ	05748	37500	PLATE, SUCTION	1
12	PAOZZ	64467	BA13ACA4LW	GAGE, COMPOUND PRESS	1
13	PBOZZ	05748	37502	PAD, MOUNTING	2
14	XDOZZ	05748	37498	PLATE, PRESSURE	1
15	PAOZZ	64467	BA13APH4LW	GAGE, PRESSURE, DIAL	1
16	PAOZZ	79470	3350X2	ELBOW, PIPE	2
17	PAOZZ	05748	03225	ADAPTER, STRAIGHT, PI	1
18	XDOZZ	05748	03255	NIPPLE, PIPE	1
19	XDOZZ	05748	03400	ELBOW, PIPE	1
20	XDOZZ	05748	03247	NIPPLE, PIPE	1
END OF FIGURE					

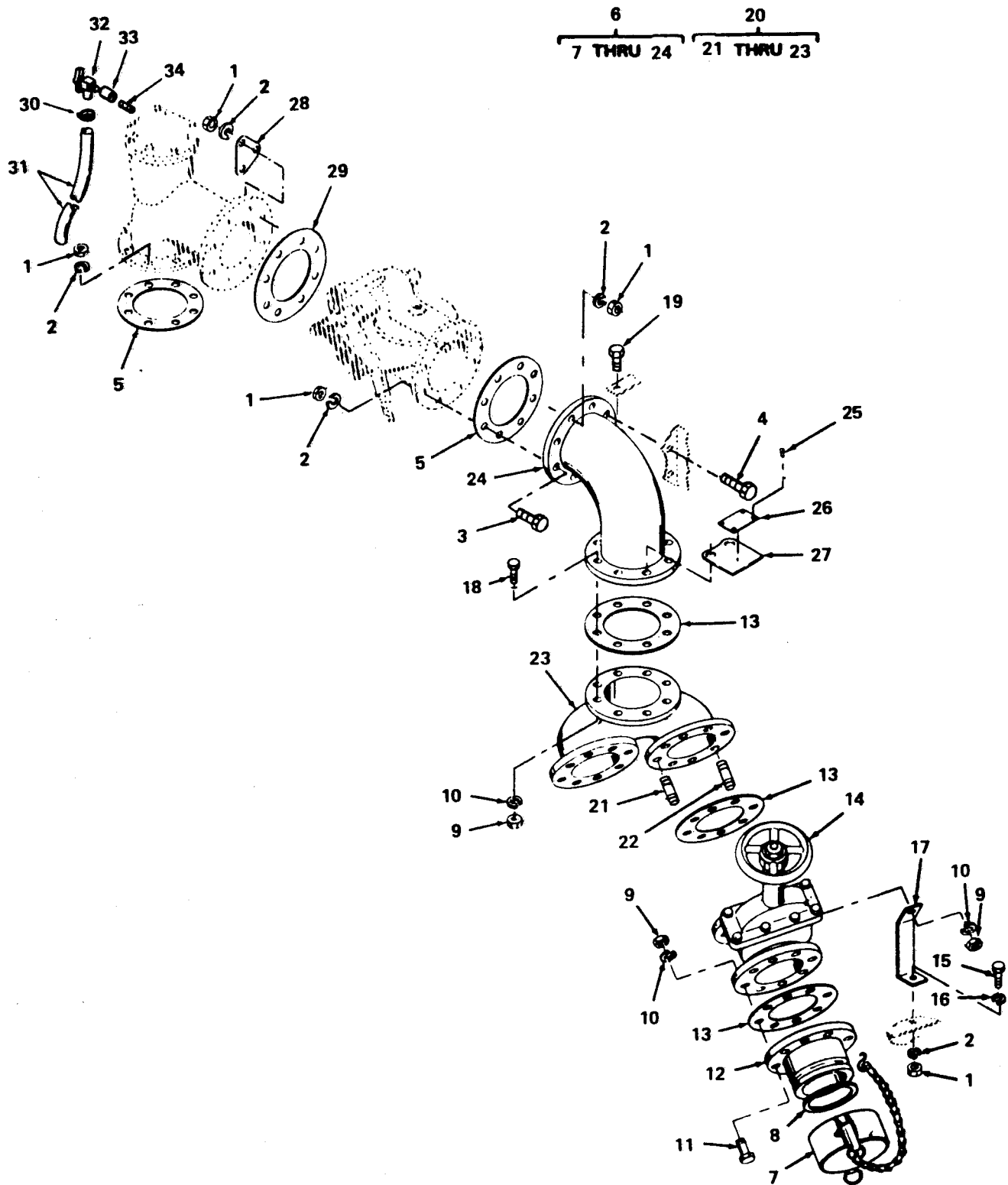


4782-028

Figure 28. Suction Piping.

SECTION II (1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4320-272-20P (4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 55 PUMPS					
FIG. 28 SUCTION PIPING					
1	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON BRACKET AND STRAINER MTG	12
2	PAOZF	96906	MS35338-46	WASHER,LOCK BRACKET AND STRAINER MTG	12
3	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H BRACKET MTG	4
4	PAOZF	96906	MS27183-14	WASHER,FLAT BRACKET MTG	4
5	XBOZZ	05748	37427SA	PIPE ASSEMBLY	1
6	PAOZZ	96906	MS27029-17	PLUG,QUICK DISCONNE	2
7	PAOZZ	96906	MS27030-9	GASKET DUST PLUG	2
8	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON PIPING MTG	40
9	PAOZF	96906	MS35338-46	WASHER,LOCK PIPING MTG	16
10	PAOZZ	96906	MS90725-65	SCREW,CAP,HEXAGON H PIPING MTG	10
11	XBOZZ	05748	52489	BRACKET,SUCTION	2
12	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H PIPING MTG	14
13	PAOZZ	96906	MS27027-17	COUPLING HALF,QUICK	2
14	PAOZZ	05748	37456	GASKET	5
15	PBOZZ	05748	37436SA	MANIFOLD ASSEMBLY	1
16	PAOZZ	05748	02417	STUD MANIFOLD MTG	16
17	XBOZZ	05748	37437	MANIFOLD,SUCTION	1
18	PAOZZ	05748	37456	GASKET STRAINER	1

END OF FIGURE



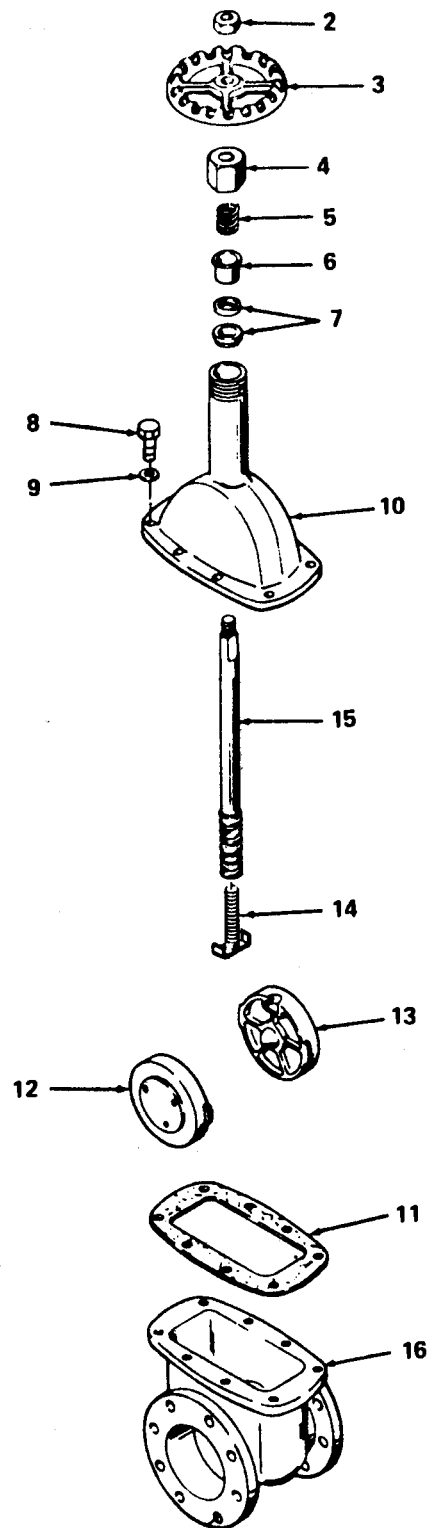
4782-029

Figure 29. Discharge Piping.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 55 PUMPS					
FIG. 29 DISCHARGE PIPING					
1	PAOZZ	96906	MS51967-8	NUT,PLAIN,HEXAGON PIPING MTG	26
2	PAOZF	96906	MS35338-46	WASHER,LOCK PIPING MTG	26
3	PAOZZ	96906	MS90725-65	SCREW,CAP,HEXAGON H HEXAGON,ELBOW MTG	4
4	PAOZZ	96906	MS90725-66	SCREW,CAP,HEXAGON H HEXAGON,ELBOW MTG	2
5	PAOZZ	05748	37456	GASKET ELBOW	1
6	XDOZO	05748	37460SA	PIPE ASSEMBLY	1
7	PBOZZ	96906	MS27028-17	CAP,QUICK DISCONNEN	2
8	PAOZZ	96906	MS27030-9	GASKET	2
9	PAOZZ	96906	MS51967-8	NUT,PLAIN, HEXAGON,VALVE MTG	40
10	PAOZF	96906	MS35338-46	WASHER,LOCK VALVE MTG	40
11	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H HEXAGON, COUPLING MTG	16
12	PBOZZ	96906	MS27023-17	COUPLING HALF,	2
13	PAOZZ	05748	37456	GASKET GATE VALVE	5
14	PBOZZ	81718	676	VALVE,GATE	2
15	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H	2
16	PAOZF	96906	MS27183-14	WSAHER,FLAT	4
17	XBOZZ	05748	52491	BRACKET,DISCHARGE	2
18	XDOZZ	96906	MS90275-65	SCREW,CAP,HEXAGON H HEXAGON,ELBOW MTG	5
19	PAOZZ	96906	MS90725-67	SCREW,CAP,HEXAGON H HEXAGON,ELBOW MTG	3
20	XDOZZ	05748	37462SA	MANIFOLD ASSEMBLY	1
21	PAOZZ	05748	02417	STUD MANIFOLD MTG	14
22	XDOZZ	05748	02418	STUD,PLAIN	2
23	XBOZZ	05748	37463	MANIFOLD,DISCHARGE	1
24	XBOZZ	05748	37461	ELBOW	1
25	PAOZZ	05748	01628	SCREW,DRIVE	4
26	XDOZZ	05748	52880	PLATE	1
27	XDOZZ	05748	53784	BRACKET,PLATE	1
28	XDOZZ	05748	37517	BRACKET,PANEL	1
29	PAOZZ	05748	38223	GASKET AIR ELIMINATOR	1
30	PAOZZ	05748	37531	CLAMP,HOSE	1
31	PAOZZ	05748	52900	HOSE,RUBBER	1
32	PBOZZ	79470	6660	COCK,DRAIN	1
33	PBOZZ	05748	03226	COUPLING,PIPE	1
34	PAOZZ	05748	03262	NIPPLE,PIPE	1

END OF FIGURE

1
2 THRU 16

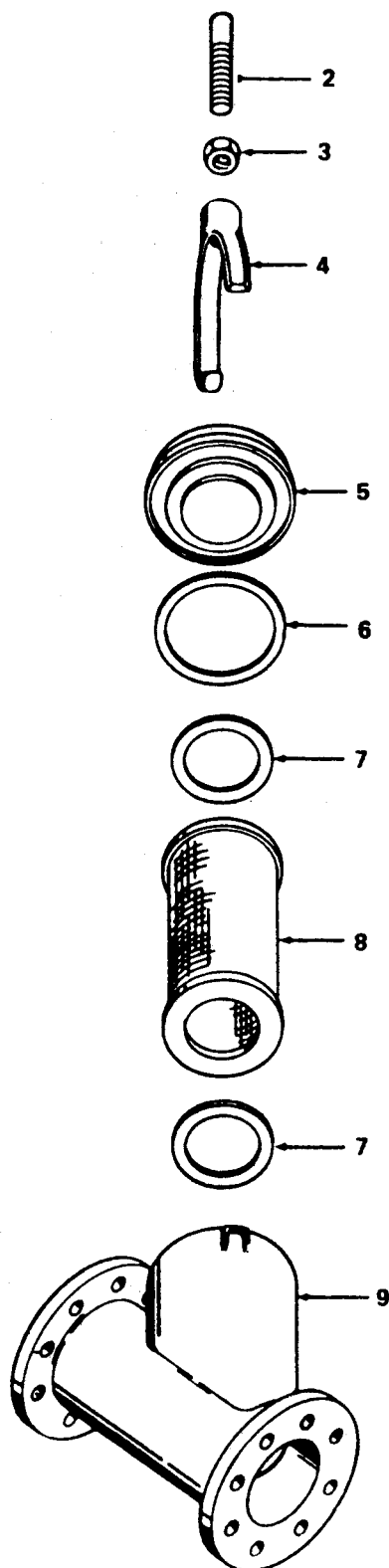


4782-030

Figure 30. Gate Valve Assembly.

SECTION II (1)	(2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 55 PUMPS					
FIG. 30 GATE VALVE ASSEMBLY					
1	PBOZZ	81718	676	VALVE GATE, 4 IN	2
2	PBOZZ	81718	H959M	NUT, PLAIN, HEXAGON, HANDWHEEL MTG	2
3	PAOZZ	81718	C74A	HANDWHEEL	2
4	PBOZZ	81718	H665B	NUT, PACKING	1
5	PBOZZ	81718	H669M	SPRING, HELICAL	2
6	PBOZZ	81718	H666M	GLAND, PACKING	2
7	PAOZZ	81718	H667M	PACKING, PREFORMED	2
8	XDOZZ	81718	H643M	SCREW, CAP, BONNET TO BODY MTG	16
9	PAOZF	81718	H2525M	WASHER, LOCK BONNET TO BODY MTG	16
10	PBOZZ	81718	D17A	CAP, VALVE	2
11	PAOZZ	81718	C75M	GASKET, BODY	2
12	XAOZZ	81718	D19M	DISC, FEMALE	2
13	XDOZZ	81718	D18M	DISK, VALVE	2
14	PBOZZ	81718	C73B	STEM, DISK	2
15	PBOZZ	81718	C72RB	STEM, VALVE	2
16	XAOZZ	81718	E2A	BODY, VALVE	2
END OF FIGURE					

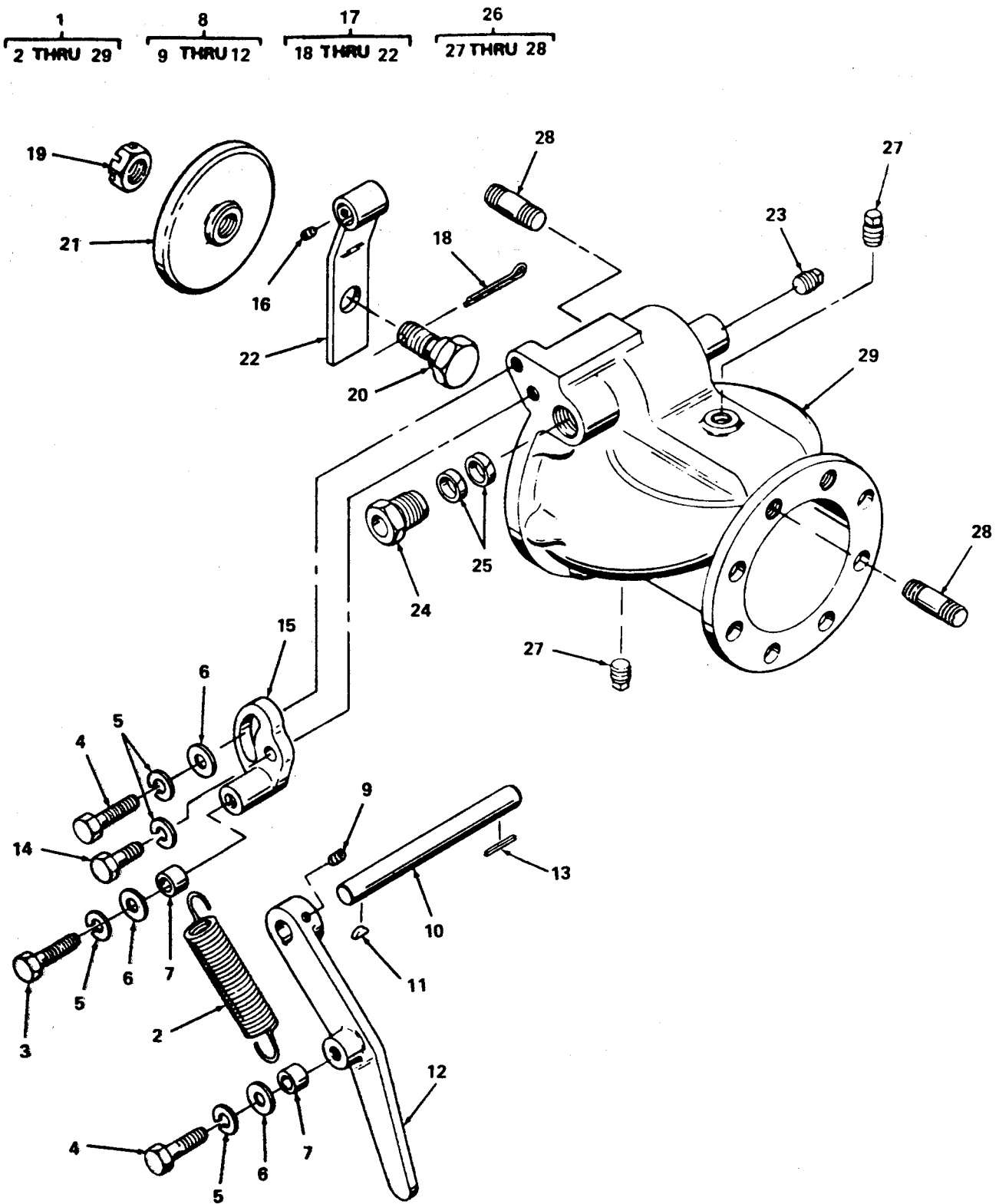
1
2 THRU 3



4782-031

Figure 31. Suction Strainer Assembly.

SECTION II (1)	ITEM (2)	SMR (3)	TM5-4320-272-20P (4)	(5)	(6)
NO	CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 55 PUMPS					
FIG. 31 SUCTION STRAINER ASSEMBLY					
1	PBOZZ	05748	37428	STRAINER ASSEMBLY	1
2	XDOZZ	81718	H218M	SETSCREW	1
3	XDOZZ	81718	H421M	NUT,PLAIN,HEXAGON	1
4	XBOZZ	81718	H366M1	CLAMP	1
5	XBOZZ	81718	H477I	CAP,STRAINER	1
6	PAOZZ	81718	H508M	GASKET, STRAINER	1
7	PAOZZ	81718	H778M	GASKET, BASKET	2
8	XDOZZ	81718	C987	BASKET,STRAINER	1
9	XBOZZ	05748	37429	BODY,STRAINER	1
END OF FIGURE					



4782-032

Figure 32. Check Valve Assembly.

SECTION II (1)	ITEM (2)	(3)	TM5-4320-272-20P (4)	(5)	(6)
NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 55 PUMPS					
FIG. 32 CHECK VALVE ASSEMBLY					
1	PBOZZ	05748	37459SA	VALVE,STOP-CHECK DISCHARGE	1
2	PBOZZ	05748	38157	SPRING,HELICAL	1
3	XDOZZ	96906	MS90725-64	SCREW,CAP,HEXAGON H BRACKET MTG	1
4	PAOZZ	96906	MS90725-62	SCREW,CAP,HEXAGON H HANDLE MTG	2
5	PAOZF	96906	MS35338-46	WASHER,LOCK HANDLE AND BRACKET MTG	4
6	PAOZZ	96906	MS27183-15	WASHER,FLAT, HANDLE AND BRACKET MTG	3
7	XDOZZ	05748	38150	SPACER, BRACKET MTG	2
8	XBOZZ	05748	38175SA	HANDLE ASSEMBLY	1
9	PAOZZ	05748	38179	SETSCREW, HANDLE	1
10	XDOZZ	05748	38130	SHAFT, HANDLE	1
11	XDOZZ	05748	38154	KEY,WOODRUFF, HANDLE MTG	1
12	XBOZZ	05748	38099	HANDLE	1
13	XDOZZ	05748	38155	KEY,MACHINE, HANDLE SHAFT	1
14	PAOZZ	96906	MS18154-60	SCREW,CAP,HEXAGON H BRACKET MTG	1
15	XBOZZ	05748	38100	BRACKET,SPRING	1
16	XDOZZ	05748	38178	SETSCREW, VALVE ARM	2
17	XDOZO	05748	38174SA	DISK,VALVE	1
18	XDOZZ	05748	38153	PIN,COTTER	1
19	XDOZZ	05748	38141	NUT,SLOTTED,HEXAGON	1
20	XDOZZ	05748	38140	BOLT,SHOULDER	1
21	XBOZZ	05748	38101	DISC,VALVE	1
22	XBOZZ	05748	38127SA	ARM,VALVE	1
23	PAOZZ	05748	15000	PLUG,PIPE	1
24	XBOZZ	05748	38151	NUT,PACKING	1
25	PAOZZ	05748	38152	PACKING,PREFORMED	2
26	XBOZZ	05748	38221SA	BODY ASSEMBLY	1
27	PAOZZ	05748	03217	PLUG,PIPE	2
28	XDOZZ	05748	02418	STUD,PLAIN	10
29	XBOZZ	05748	38159	BODY,VALVE	1
END OF FIGURE					

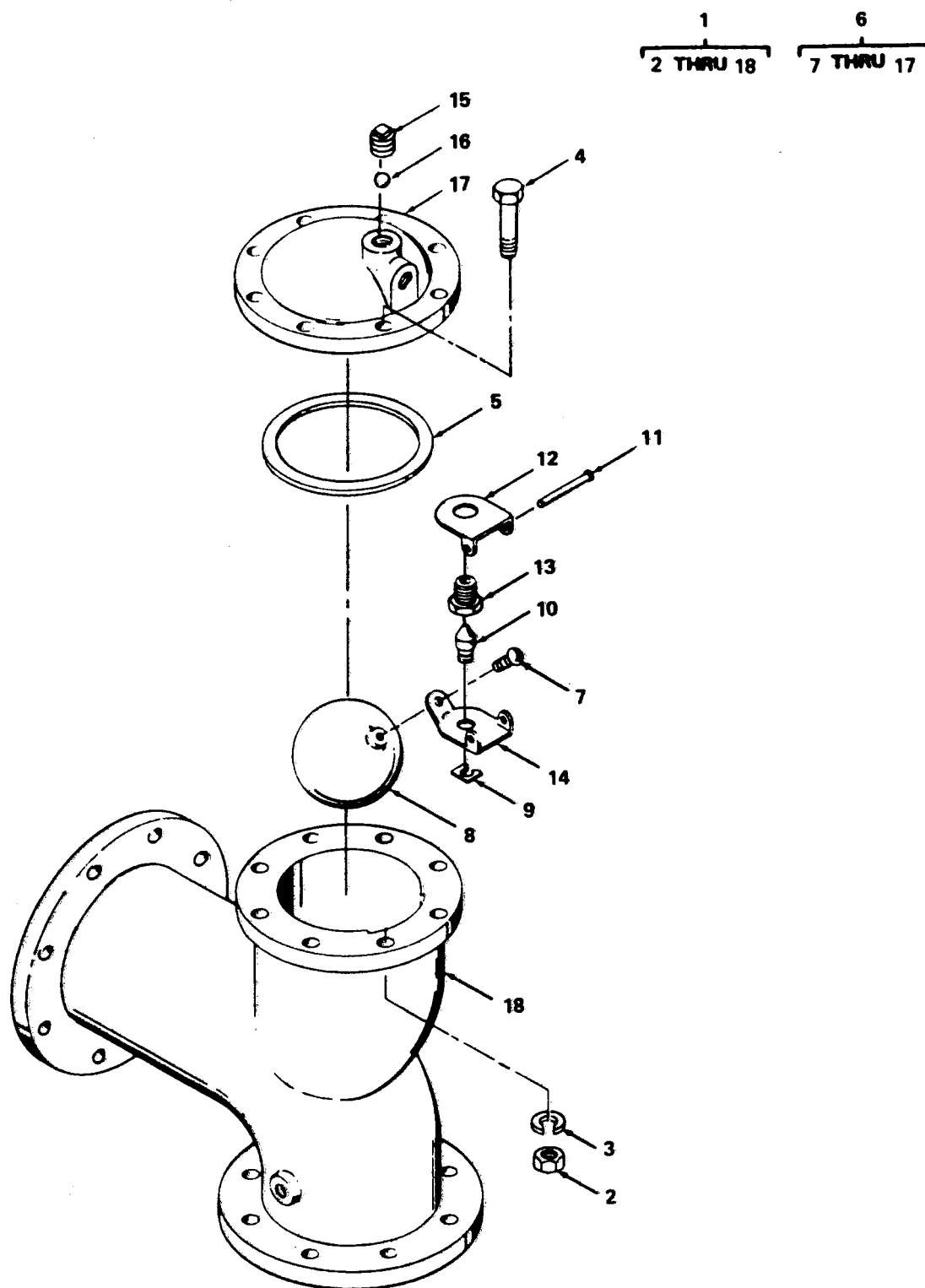
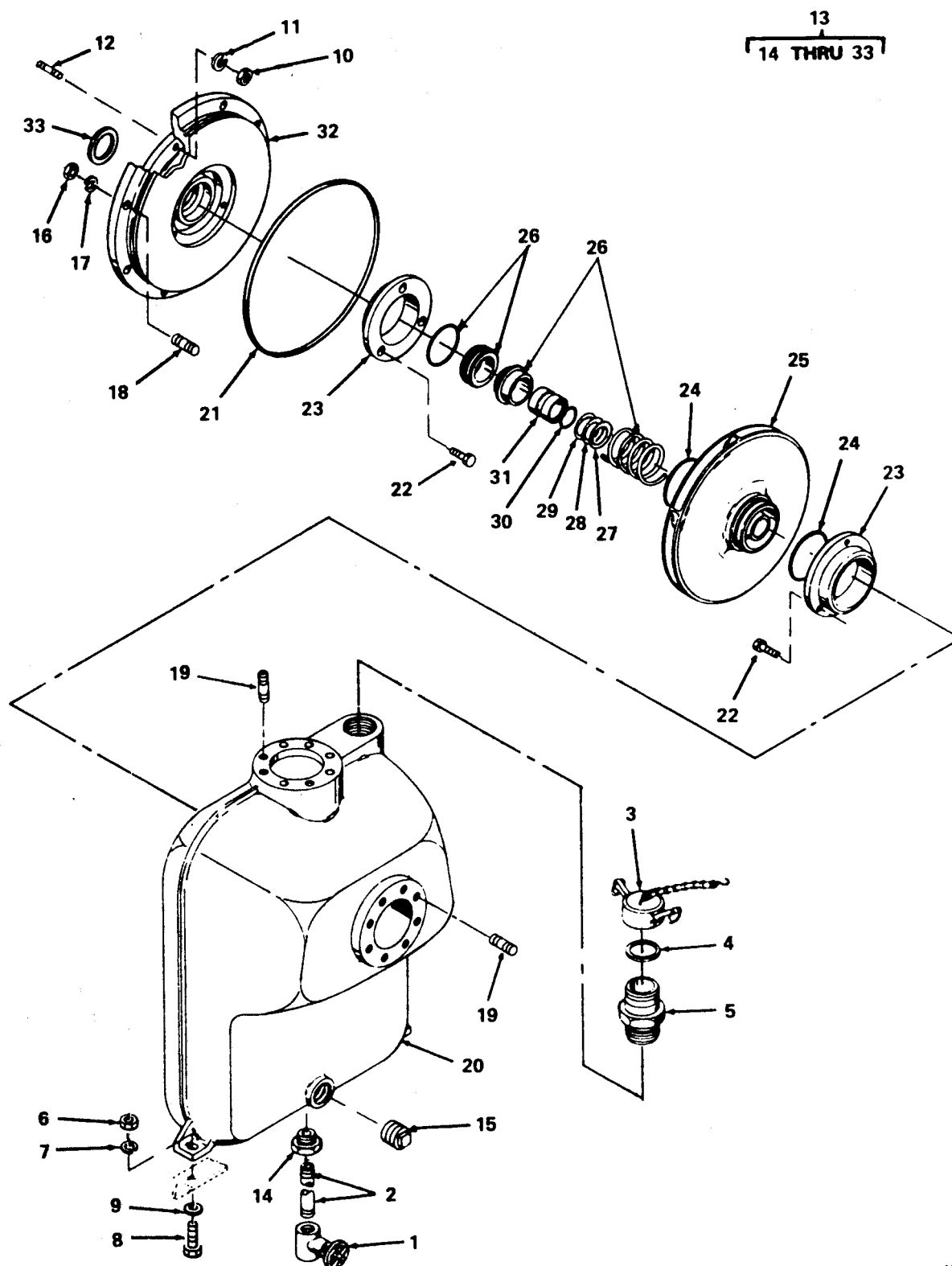


Figure 33. Air Eliminator Assembly.

SECTION II (1)	ITEM (2)	SMR (3)	FSCM (4)	TM5-4320-272-20P PART NUMBER	(5)	(6)
NO	CODE				DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 55 PUMPS						
FIG. 33 AIR ELIMINATOR ASSEMBLY						
1	PBOZZ	05748	37458SA		ELIMINATOR ASSEMBLY	1
2	PAOZF	96906	MS51967-5		NUT,PLAIN,HEXAGON, AIR ELIMINATOR	8
3	XDOZZ	96906	MS35338-45		WASHER,LOCK AIR ELIMINATOR	8
4	PAOZZ	96906	MS90725-36		SCREW,CAP,HEXAGON H AIR ELIMINATOR	8
5	XDOZZ	05748	38216		GASKET, CAP TO BODY	1
6	XBOZZ	03933	B1092B		VALVE,FLOAT	1
7	XDOZZ	05748	A393-18-8		SCREW,MACHING LEVER TO FLOAT MTG	1
8	PBOZZ	03933	A4696		FLOAT,VALVE	1
9	XBOZZ	03933	A553		RETAINER,VALVE	1
10	XDOZZ	03933	A4826		DISK,NEEDLE VALVE	1
11	XDOZZ	03933	A3232		PIN,STRAIGHT,HEADED	1
12	XDOZZ	03933	A1917		CLIP,VALVE LEVER	1
13	XDOZZ	03933	A3636C		SEAT,VALVE	1
14	XBOZZ	03933	A4827D		LEVER	1
15	PAOZZ	05748	03217		PLUG,PIPE	1
16	PBOZZ	96906	MS19060-1012		BALL,BEARING	1
17	XBOZZ	03933	B563		CAP	1
18	XBOZZ	05748	38260		BODY	1
END OF FIGURE						



4782-034

Figure 34. Centrifugal Pump.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
GROUP 55 PUMPS					
FIG. 34 CENTRIFUGAL PUMP					
1	PBOZZ	14959	438	VALVE,GATE	1
2	PAOZZ	05748	52497	NIPPLE,PIPE	1
3	PBOZZ	96906	MS27028-11	CAP,PROTECTIVE,DUST	1
4	PAOZZ	96906	MS27030-6	WASHER,FLAT	1
5	PBOZZ	96906	MS27022-11	COUPLING HALF	1
14	PAOZZ	79470	3228X6	BUSHING,PIPE	1
15	PAOZZ	05748	03244	PLUG,PIPE	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
4730-00-011-2578	13	9	2940-00-202-9653	7	9
5310-00-012-0399	7	10	9905-00-205-2795	26	16
5310-00-013-1044	20	27	5310-00-209-0786	20	2
5307-00-025-7991	19	4	5930-00-224-5668	21	26
4730-00-042-8988	8	7	5306-00-225-8496	12	8
5310-00-045-3296	14	3	5306-00-226-4825	10	6
	27	9	5306-00-226-4828	7	8
6140-00-059-3528	22	5	4820-00-228-1147	13	14
5310-00-061-1258	20	13	5310-00-262-3000	7	16
4720-00-066-2409	10	4	4820-00-263-9119	34	1
5305-00-068-0501	21	24	4730-00-268-3697	14	6
5305-00-068-0502	13	12	5305-00-269-3213	13	8
	26	13		22	8
5305-00-071-2240	26	5		26	9
5310-00-080-6004	13	7		32	4
	22	9	5305-00-269-3215	28	10
	26	10		29	3
	28	4	5305-00-269-3216	29	4
	29	16	5305-00-269-3217	20	12
5340-00-082-4106	16	2		29	19
4710-00-096-6923	7	3	5310-00-270-2172	20	28
2990-00-104-2217	21	29	5930-00-274-5124	21	25
5305-00-115-9526	26	11	4730-00-277-5683	27	16
2910-00-132-0368	9	3	2920-00-279-6104	20	4
4320-00-138-8149	33	1	5305-00-281-6387	20	3
4730-00-138-8164	29	30	5306-00-282-9639	14	9
4730-00-138-8165	29	33	5305-00-285-5282	20	48
5330-00-139-0082	32	25	4730-00-287-1603	27	4
5330-00-139-0138	29	29	3040-00-288-2655	14	4
5330-00-139-7302	28	14	5330-00-292-3984	8	6
	28	18	5306-00-298-7836	7	15
	29	5	2910-00-339-4836	10	8
	29	13	5330-00-343-3273	8	5
5307-00-140-8149	28	16	2805-00-353-5924	17	13
	29	21	2805-00-353-5925	17	12
6685-00-141-4293	27	7	2805-00-353-5926	17	15
2940-00-141-9025	7	20	2805-00-353-5927	17	14
2910-00-141-9758	13	18	2805-00-353-5931	17	16
2920-00-142-0888	20	50	2920-00-354-0750	20	49
5330-00-146-4050	10	24	5330-00-358-4789	14	15
5330-00-171-4268	9	8	4730-00-359-3872	2	20
6680-00-173-2455	2	40	5330-00-360-8381	20	16
5305-00-175-3230	29	25	4710-00-366-6289	2	27
5305-00-180-0037	20	18	5330-00-366-6351	10	35
4730-00-188-1855	29	34	2920-00-366-7165	20	22
4730-00-193-2709	13	16	2920-00-374-4715	20	20
5310-00-194-0021	19	9	5330-00-399-6984	3	4
4730-00-196-1973	27	5	4730-00-421-3781	10	1
5360-00-201-2031	14	8	5910-00-445-6891	20	36
9905-00-202-3639	26	15	2920-00-453-9126	20	38

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5340-00-453-9127	20	5	5310-00-732-0558	20	10
2805-00-453-9129	8	3		22	6
4730-00-454-5041	12	1		26	7
6685-00-455-1057	27	15		28	1
6685-00-455-1058	27	12		28	8
4730-00-456-9875	7	4		29	1
4710-00-464-3768	7	1		29	9
2920-00-475-9072	20	31	5330-00-732-7749	31	6
5330-00-485-0835	24	15	5330-00-732-7750	31	7
5930-00-504-3657	21	17	5310-00-733-8735	20	26
5310-00-514-6674	17	7	5310-00-735-3544	11	6
5330-00-523-8602	20	24	5310-00-737-2632	20	51
2920-00-533-3911	20	6	5307-00-737-5503	20	15
5306-00-545-0931	19	8	2910-00-752-9138	13	19
5977-00-553-6336	19		3110-00-763-0259	24	14
4820-00-563-8051	33	8	5310-00-763-8920	25	12
5310-00-582-5965	10	27	2805-00-766-8163	3	3
	12	10	3110-00-769-1426	24	12
	13	11	5310-00-776-8062	8	2
	17	2	5330-00-779-2357	30	7
	21	23	5330-00-785-0693	30	11
	26	3	4210-00-808-4544	26	1
	26	14	5310-00-809-4061	32	6
5310-00-584-7888	25	2	5310-00-809-8546	21	13
5310-00-584-8729	14	2	4730-00-810-0059	13	3
6150-00-586-9517	19	1	2920-00-810-7082	20	57
2610-00-591-2865	24	2	4730-00-817-6578	34	14
5310-00-595-7237	17	9	2910-00-821-2603	15	6
	20	11	5310-00-823-8803	25	14
5330-00-599-1285	7	19	6680-00-825-2076	21	16
5330-00-612-2414	34	4	4730-00-827-4223	14	7
2990-00-624-9956	14	11	3110-00-827-8648	24	11
5310-00-637-9541	13	6	2990-00-832-8729	11	3
	22	7	5310-00-838-1702	25	1
	26	8	5330-00-839-6106	20	37
	28	2	4730-00-840-5347	29	12
	28	9	4730-00-840-5348	28	13
	29	2	5315-00-842-3044	25	5
	29	10	4820-00-845-1096	29	32
	30	9	5310-00-846-1376	3	2
	32	5	2920-00-855-5551	20	23
4730-00-640-6156	29	7	5310-00-877-5797	21	12
4730-00-640-6188	28	6	2920-00-880-3428	20	17
4730-00-649-9100	34	3	5310-00-880-7744	7	6
5999-00-656-7340	20	32		33	2
4730-00-692-8775	7	2	2920-00-887-1289	20	7
2920-00-714-5868	20	54	5310-00-889-2606	22	1
4930-00-718-9956	30	15		25	6
5305-00-727-3804	25	16	4930-00-896-7073	30	14
5310-00-732-0558	13	5	5330-00-899-4509	28	7

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5330-00-899-4509	29	8	5315-01-159-4433	25	11
2920-00-924-2042	20	8	5305-01-163-0385	20	29
2940-00-934-7989	11	7	5350-01-196-8371	20	21
5310-00-934-9751	27	8	4730-01-206-9961	21	7
4730-00-938-7997	34	5		27	17
4720-00-939-2746	12	3	4720-01-206-9970	21	2
5305-00-942-2196	32	14	4720-01-208-1926	21	4
3110-00-948-9805	24	9	5330-01-214-0131	30	6
4820-00-950-7687	29	14			
	30	1			
3110-00-965-8485	33	16			
5305-00-984-4988	20	19			
5305-00-984-5684	7	12			
5340-00-986-1981	30	3			
4730-00-986-1982	30	4			
5360-00-986-1987	30	5			
2920-00-986-1999	20	43			
4820-00-986-7762	30	10			
5305-00-988-1721	17	1			
	20	1			
5305-00-988-1723	17	11			
5305-00-989-7434	19	5			
4730-00-992-7272	13	1			
5305-00-995-3444	21	14			
	27	10			
2920-00-997-1454	20				
2990-01-004-2868	14	5			
2940-01-004-4929	11	1			
4730-01-004-5105	32	23			
4720-01-004-7273	13	2			
4730-01-004-8346	21	6			
5340-01-005-0384	26	6			
2910-01-005-0414	10				
6140-01-005-2010	22	4			
4720-01-005-2017	29	31			
4730-01-005-2402	32	27			
	33	15			
5306-01-005-4008	24	3			
5330-01-005-4123	21	21			
5340-01-005-4124	21	19			
	27	13			
5360-01-005-4259	32	2			
5365-01-005-4268	21	15			
5365-01-005-4270	26	4			
5310-01-007-6896	30	2			
5315-01-007-6909	25	9			
5306-01-075-8519	33	4			
5310-01-111-7268	20	14			
2920-01-112-3693	20	35			
6150-01-149-5805	25	4			

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
58536	A-A-1044	5350-01-196-8371	20	21
66289	AB97B2S1	2805-00-766-8163	3	3
88044	AN500A10-18	5305-00-180-0037	20	18
82796	A1232	2920-00-374-4715	20	20
03933	A1917		33	12
82796	A2437AX	2920-00-142-0888	20	50
82796	A2766	2920-00-986-1999	20	43
03933	A3232		33	11
03933	A3636C		33	13
05748	A393-18-8		33	7
03933	A4696	4820-00-563-8051	33	8
03933	A4826		33	10
03933	A4827D		33	14
03933	A553		33	9
82796	A6032A	2920-00-366-7165	20	22
64467	BA13ACA4LW	6685-00-455-1058	27	12
64467	BA13APH4LW	6685-00-455-1057	27	15
64467	BW42	6685-00-141-4293	27	7
03933	B1092B		33	6
82796	B1355		20	33
79960	B3-98A		9	6
03933	B563		33	17
82796	B6030A		20	53
79960	C141-4-6	5330-00-171-4268	9	8
82796	C1498G		20	46
73370	C21P	2940-00-141-9025	7	20
82796	C6032B	2920-00-714-5868	20	54
81718	C72RB	4930-00-718-9956	30	15
81718	C73B	4930-00-896-7073	30	14
81718	C74A	5340-00-986-1981	30	3
81718	C75M	5330-00-785-0693	30	11
81718	C987		31	8
82796	D1182		20	40
82796	D1498		20	44
81718	D17A	4820-00-986-7762	30	10
81718	D18M		30	13
81718	D19M		30	12
82796	D2458	5310-00-270-2172	20	28
57733	ES411335		21	11
81718	E2A		30	16
82796	FMXZE4B7-4	2920-00-880-3428	20	17
18265	FWG05-2527	2940-01-004-4929	11	1
73370	F21P	2940-00-202-9653	7	9
82796	F983B		20	41
66289	GD103-1		20	56
76599	GS4SS		21	1
82796	G2457A		20	30
82796	G2788	2920-00-354-0750	20	49
81718	H218M		31	2
82796	H2514		20	34
81718	H2525M	5310-00-637-9541	30	9

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
81718	H366M1		31	4
81718	H421M		31	3
81718	H477I		31	5
81718	H508M	5330-00-732-7749	31	6
81718	H643M		30	8
81718	H665B	4730-00-986-1982	30	4
81718	H666M	5330-01-214-0131	30	6
81718	H667M	5330-00-779-2357	30	7
81718	H669M	5360-00-986-1987	30	5
81718	H778M	5330-00-732-7750	31	7
81718	H959M	5310-01-007-6896	30	2
03670	IK10E	4210-00-808-4544	26	1
66289	JK50		10	33
82796	K2498	5330-00-523-8602	20	24
82796	K2499A	2920-00-475-9072	20	31
82796	K2513	5999-00-656-7340	20	32
66289	LD240-18	2805-00-453-9129	8	3
66289	LJ131-3		12	4
66289	LK24	4730-00-454-5041	12	1
66289	LK9		12	2
66289	LL18		12	5
66289	LL89-2	4720-00-939-2746	12	3
66289	LO60-1		2	19
66289	LP38FS1	2910-00-339-4836	10	8
66289	LP38F1S1		10	3
66289	LQ-46A-1		10	17
66289	LQ-46A-10		10	23
66289	LQ-46A-11		10	18
66289	LQ-46A-12		10	21
66289	LQ-46A-13		10	19
66289	LQ-46A-14		10	22
66289	LQ-46A-15		10	25
66289	LQ-46A-16		10	14
66289	LQ-46A-2		10	9
66289	LQ-46A-4		10	12
66289	LQ-46A-5		10	13
			10	16
66289	LQ-46A-6		10	15
66289	LQ-46A-7		10	11
66289	LQ-46A-8		10	10
66289	LQ-46A-9		10	20
66289	LQ32	2910-00-821-2603	15	6
66289	LQ46A	2910-01-005-0414	10	
82796	LX2514C	2920-00-453-9126	20	38
82796	LY2430A	2920-00-855-5551	20	23
66289	L062		12	13
82796	L2474E		20	25
60038	L44610	3110-00-827-8648	24	11
60038	L44649L44610	3110-00-948-9805	24	9
66289	L57-1S1	2910-00-132-0368	9	3
60038	L68111	3110-00-769-1426	24	12

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
60038	L68149	3110-00-763-0259	24	14
19728	MAD110		19	16
19728	MBP1034AS		19	15
19728	MBP4018T		19	10
81349	MILB857TYPE2STYL EAORBGRADE1		19	2
96906	MS14314-2X	4730-00-011-2578	13	9
96906	MS18154-58	5305-00-115-9526	26	11
96906	MS18154-60	5305-00-942-2196	32	14
96906	MS19060-1012	3110-00-965-8485	33	16
96906	MS20913-3K	4730-00-992-7272	13	1
96906	MS21044N3	5310-00-877-5797	21	12
96906	MS24665-283	5315-00-842-3044	25	5
96906	MS27022-11	4730-00-938-7997	34	5
96906	MS27023-17	4730-00-840-5347	29	12
96906	MS27027-17	4730-00-840-5348	28	13
96906	MS27028-11	4730-00-649-9100	34	3
96906	MS27028-17	4730-00-640-6156	29	7
96906	MS27029-17	4730-00-640-6188	28	6
96906	MS27030-6	5330-00-612-2414	34	4
96906	MS27030-9	5330-00-899-4509	28	7
			29	8
96906	MS27183-14	5310-00-080-6004	13	7
			22	9
			26	10
			28	4
			29	16
96906	MS27183-15	5310-00-809-4061	32	6
96906	MS27183-21	5310-00-823-8803	25	14
96906	MS27183-8	5310-00-809-8546	21	13
96906	MS35206-228	5305-00-984-4988	20	19
96906	MS35206-277	5305-00-988-1721	17	1
			20	1
96906	MS35206-279	5305-00-988-1723	17	11
96906	MS35206-304	5305-00-984-5684	7	12
96906	MS35207-263	5305-00-989-7434	19	5
96906	MS35207-266	5305-00-995-3444	21	14
			27	10
96906	MS35335-33	5310-00-209-0786	20	2
96906	MS35338-43	5310-00-045-3296	14	3
			27	9
96906	MS35338-44	5310-00-582-5965	10	27
			12	10
			13	11
			17	2
			21	23
			26	3
			26	14
96906	MS35338-45		7	7
			7	11
			9	2

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS35338-45		10	7
			12	7
			14	10
			19	3
			33	3
96906	MS35338-46	5310-00-637-9541	13	6
			22	7
			26	8
			28	2
			28	9
			29	2
			29	10
			32	5
96906	MS35338-50		25	13
96906	MS35338-51	5310-00-584-7888	25	2
96906	MS35387-1	9905-00-205-2795	26	16
96906	MS35387-2	9905-00-202-3639	26	15
96906	MS35392-157	2610-00-591-2865	24	2
96906	MS35425-42	5310-00-889-2606	22	1
			25	6
96906	MS35645-1	2910-00-141-9758	13	18
96906	MS35650-102	5310-00-934-9751	27	8
96906	MS35690-402		12	9
			13	10
			21	22
			26	2
96906	MS35691-57	5310-00-838-1702	25	1
96906	MS35916-2	6680-00-825-2076	21	16
96906	MS51967-20	5310-00-763-8920	25	12
96906	MS51967-5	5310-00-880-7744	7	6
			33	2
96906	MS51967-8	5310-00-732-0558	13	5
			22	6
			26	7
			28	1
			28	8
			29	1
			29	9
96906	MS75047-1	6140-00-059-3528	22	5
96906	MS90275-65		29	18
96906	MS90725-11	5305-00-071-2240	26	5
96906	MS90725-165	5305-00-727-3804	25	16
96906	MS90725-31	5306-00-225-8496	12	8
96906	MS90725-36	5306-01-075-8519	33	4
96906	MS90725-5	5305-00-068-0501	21	24
96906	MS90725-6	5305-00-068-0502	13	12
			26	13
96906	MS90725-62	5305-00-269-3213	13	8
			22	8
			26	9
			32	4

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
96906	MS90725-64		28	3
			28	12
			29	11
			29	15
			32	3
96906	MS90725-65	5305-00-269-3215	28	10
			29	3
96906	MS90725-66	5305-00-269-3216	29	4
96906	MS90725-67	5305-00-269-3217	20	12
			29	19
96906	MS90728-32	5306-00-226-4825	10	6
96906	MS90728-35	5306-00-226-4828	7	8
96906	MS90908-1	2910-00-752-9138	13	19
82796	MX2433	5910-00-445-6891	20	36
81349	M1LB857TYPE2GRAD E2		10	26
82796	M2570	5310-00-737-2632	20	51
11568	M570		8	8
78480	OW352		15	4
78480	OW363		15	3
78480	OW444		15	1
78480	OW447		15	2
66289	PB187	5306-00-545-0931	19	8
66289	PC396	5307-00-025-7991	19	4
66289	PC429	5307-00-737-5503	20	15
66289	PD11	5310-01-111-7268	20	14
66289	PD115-2	5310-00-584-8729	14	2
66289	PD207		8	1
66289	PD78		12	6
66289	PD79	5310-00-732-0558	20	10
66289	PE5A	5310-00-194-0021	19	9
66289	PE56A	5310-00-595-7237	17	9
			20	11
66289	PE76A	5310-00-061-1258	20	13
66289	PF46A	5310-00-514-6674	17	7
66289	PG512		12	12
66289	PG515A		19	7
66289	PG558	5340-00-453-9127	20	5
66289	PH194		19	6
66289	PH22A	5310-00-846-1376	3	2
66289	PM145		10	34
66289	PM76	5360-00-201-2031	14	8
18265	P10-1275	2940-00-934-7989	11	7
18265	P10-1870	5310-00-735-3544	11	6
18265	P10-2523		11	5
18265	P10-3198	2990-00-832-8729	11	3
18265	P10-3838		11	4
82796	P2473	5330-00-839-6106	20	37
18265	P2904		11	2
66289	QB83	5330-00-292-3984	8	6
66289	QC66	5330-00-343-3273	8	5

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
66289	QD538A	5330-00-146-4050	10	24
66289	QD615A	5330-00-358-4789	14	15
66289	QD616	5330-00-360-8381	20	16
66289	QD631	5330-00-399-6984	3	4
66289	QD67	5330-00-366-6351	10	35
82796	Q5952		20	45
66289	RF1165A	4730-00-827-4223	14	7
66289	RF1225		7	5
66289	RF1281	4730-00-268-3697	14	6
66289	RF1343	4730-00-456-9875	7	4
66289	RF269		10	5
66289	RF270-4	4730-00-692-8775	7	2
66289	RF903	4730-00-421-3781	10	1
66289	RF996		10	2
66289	RJ173	6680-00-173-2455	2	40
66289	RM1161	4710-00-464-3768	7	1
66289	RM1319L	4720-00-066-2409	10	4
66289	RM772	4710-00-096-6923	7	3
66289	RM980	4710-00-366-6289	2	27
66289	RS11		21	8
66289	SE125	2805-00-353-5924	17	13
66289	SE125A	2805-00-353-5925	17	12
66289	SE126	2805-00-353-5926	17	15
66289	SE126A	2805-00-353-5927	17	14
66289	SE127		17	5
66289	SE127A		17	4
66289	SE128B		17	17
66289	SE128C	2805-00-353-5931	17	16
66289	SE48-1		17	3
82796	SK90	2920-00-997-1454	20	
80212	S581		20	39
66289	TA111A		10	29
66289	TA114S1		10	32
66289	TA115		10	31
66289	TA116		10	30
66289	TF96-4		10	28
79960	T301S8-14		9	5
79960	T301S8-9		9	4
76700	T5486		16	3
66289	T84H1	2990-00-624-9956	14	11
14934	U200	5340-00-082-4106	16	2
66289	U226A		4	2
66289	VE435C		21	28
66289	VE527WA	2990-00-104-2217	21	29
66289	VE6		21	9
66289	VE674A	3040-00-288-2655	14	4
66289	VE689C	2990-01-004-2868	14	5
82796	WW2425		20	55
82796	W2514	2920-01-112-3693	20	35
79470	W3400X4		13	15
66289	XA74		12	11

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
66289	XA8		9	7
66289	XD114-1		17	8
66289	XD13-1		17	6
66289	XD16	5306-00-282-9639	14	9
66289	XD21		9	1
66289	XD30		3	1
66289	XK7B	4730-00-359-3872	2	20
11583	XMD21	2920-00-810-7082	20	57
82796	X2765X		20	42
66289	YC10C	5930-00-274-5124	21	25
66289	YC48	5930-00-504-3657	21	17
66289	YC9FS1	5930-00-224-5668	21	26
66289	YD300-23	2920-00-887-1289	20	7
66289	YD300-32	2920-00-533-3911	20	6
66289	YD300-40	2920-00-924-2042	20	8
66289	YL355-5	2920-00-279-6104	20	4
66289	YL356-28	6150-00-586-9517	19	1
81348	ZZ-T-381M/GP2/7. 00-15/D/LTHR		24	1
79470	00904HJ02J04-036	4720-01-004-7273	13	2
79470	00904H104J02-046		27	2
05748	01628	5305-00-175-3230	29	25
79470	01704HJ02104-023		27	1
79470	01704HJ02104-028		27	3
05748	02417	5307-00-140-8149	28	16
			29	21
05748	02418		29	22
			32	28
05748	02504		23	1
05748	03217	4730-01-005-2402	32	27
			33	15
05748	03225	4730-01-206-9961	21	7
			27	17
05748	03226	4730-00-138-8165	29	33
05748	03244		34	15
05748	03247		27	20
05748	03255		27	18
05748	03262	4730-00-188-1855	29	34
05748	03400		27	19
78480	06096		15	5
82796	10S10D	5305-00-281-6387	20	3
73370	102153		7	13
79470	110-04807		21	5
11431	11005		16	1
73370	11559		7	17
73370	11580	5306-00-298-7836	7	15
73370	11581	5310-00-262-3000	7	16
73370	11582	5330-00-599-1285	7	19
73370	11583		7	18
19207	117244	4730-00-042-8988	8	7
73370	12384	5310-00-012-0399	7	10

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
05748	15000	4730-01-004-5105	32	23
79470	1537	4730-01-004-8346	21	6
99024	16-5809		24	8
99024	16-5940		24	7
05748	17046	5365-01-005-4268	21	15
19728	28MBP2002B		19	13
19728	28MBW2012CS	5977-00-553-6336	19	
19728	28MZ1024AD		19	11
19728	28MZ19CS		19	14
19728	28MZ52B		19	12
05748	32154	4820-00-228-1147	13	14
79470	3220X4X2		13	4
79470	3228X6	4730-00-817-6578	34	14
79470	3300X4		27	6
79470	3327X4	4730-00-193-2709	13	16
79470	3329X4	4730-00-196-1973	27	5
79470	3350X2	4730-00-277-5683	27	16
79470	3500X2	4730-00-287-1603	27	4
05748	35564	4730-00-810-0059	13	3
05748	37352		25	17
05748	37374		25	15
05748	37427SA		28	5
05748	37428		31	1
05748	37429		31	9
05748	37436SA		28	15
05748	37437		28	17
05748	37456	5330-00-139-7302	28	14
			28	18
			29	5
			29	13
05748	37458SA	4320-00-138-8149	33	1
05748	37459SA		32	1
05748	37460SA		29	6
05748	37461		29	24
05748	37462SA		29	20
05748	37463		29	23
05748	37498		27	14
05748	37500		27	11
05748	37501	5330-01-005-4123	21	21
05748	37502	5340-01-005-4124	21	19
			27	13
05748	37503		21	20
05748	37504		21	18
05748	37517		29	28
05748	37531	4730-00-138-8164	29	30
05748	37534		25	7
05748	37843		13	13
05748	38099		32	12
05748	38100		32	15
05748	38101		32	21
05748	38127SA		32	22

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
05748	38130		32	10
05748	38140		32	20
05748	38141		32	19
05748	38150		32	7
05748	38151		32	24
05748	38152	5330-00-139-0082	32	25
05748	38153		32	18
05748	38154		32	11
05748	38155		32	13
05748	38157	5360-01-005-4259	32	2
05748	38159		32	29
05748	38174SA		32	17
05748	38175SA		32	8
05748	38178		32	16
05748	38179		32	9
05748	38216		33	5
05748	38221SA		32	26
05748	38223	5330-00-139-0138	29	29
05748	38260		33	18
05748	38685	5365-01-005-4270	26	4
05748	38991		25	8
05748	39160SA	6150-01-149-5805	25	4
14959	438	4820-00-263-9119	34	1
57733	446058-60		21	10
16764	453696	5305-00-285-5282	20	48
73370	5241		7	14
05748	52489		28	11
05748	52491		29	17
05748	52497		34	2
05748	52880		29	26
05748	52892SA		21	30
05748	52895SA		22	10
05748	52896SA		22	2
05748	52898SA		26	12
05748	52899SA		25	3
05748	52900	4720-01-005-2017	29	31
05748	52918SA		25	10
05748	52925SA		13	17
05748	52999SA	5315-01-159-4433	25	11
05748	53001SA	5315-01-007-6909	25	9
73370	5310		7	21
05748	53744		16	4
05748	53784		29	27
05748	53936		20	9
05748	53957		22	3
05748	53958	6140-01-005-2010	22	4
27767	545UH1		24	5
05748	56604	4720-01-206-9970	21	2
05748	56605		21	3
05748	56606	4720-01-208-1926	21	4
05748	56814SA		13	21

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
05748	56848SA	5340-01-005-0384	26	6
81596	58846	5330-00-485-0835	24	15
05748	59271SA		21	27
82796	6LW1	5310-00-013-1044	20	27
82796	6N1	5310-00-733-8735	20	26
82796	6S4L		20	52
82796	6S6Z		20	47
82796	6S8N	5305-01-163-0385	20	29
79470	6660	4820-00-845-1096	29	32
24617	6703382	5310-00-776-8062	8	2
81718	676	4820-00-950-7687	29	14
			30	1
98738	777D4621RATIO		14	1
27767	81733		24	6
27767	82551		24	4
27767	83922	5306-01-005-4008	24	3
27767	86426		24	13
27767	86429		24	10
09393	8680L20.5		13	20

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
2	19		66289	LO60-1
2	20	4730-00-359-3872	66289	XK7B
2	27	4710-00-366-6289	66289	RM980
2	40	6680-00-173-2455	66289	RJ173
3	1		66289	XD30
3	2	5310-00-846-1376	66289	PH22A
3	3	2805-00-766-8163	66289	AB97B2S1
3	4	5330-00-399-6984	66289	QD631
4	2		66289	U226A
7	1	4710-00-464-3768	66289	RM1161
7	2	4730-00-692-8775	66289	RF270-4
7	3	4710-00-096-6923	66289	RM772
7	4	4730-00-456-9875	66289	RF1343
7	5		66289	RF1225
7	6	5310-00-880-7744	96906	MS51967-5
7	7		96906	MS35338-45
7	8	5306-00-226-4828	96906	MS90728-35
7	9	2940-00-202-9653	73370	F21P
7	10	5310-00-012-0399	73370	12384
7	11		96906	MS35338-45
7	12	5305-00-984-5684	96906	MS35206-304
7	13		73370	102153
7	14		73370	5241
7	15	5306-00-298-7836	73370	11580
7	16	5310-00-262-3000	73370	11581
7	17		73370	11559
7	18		73370	11583
7	19	5330-00-599-1285	73370	11582
7	20	2940-00-141-9025	73370	C21P
7	21		73370	5310
8	1		66289	PD207
8	2	5310-00-776-8062	24617	6703382
8	3	2805-00-453-9129	66289	LD240-18
8	5	5330-00-343-3273	66289	QC66
8	6	5330-00-292-3984	66289	QB83
8	7	4730-00-042-8988	19207	117244
8	8		11568	M570
9	1		66289	XD21
9	2		96906	MS35338-45
9	3	2910-00-132-0368	66289	L57-1S1
9	4		79960	T301S8-9
9	5		79960	T301S8-14
9	6		79960	B3-98A
9	7		66289	XA8
9	8	5330-00-171-4268	79960	C141-4-6
10		2910-01-055-0414	66289	LQ46A
10	1	4730-00-421-3781	66289	RF903
10	2		66289	RF996
10	3		66289	LP38F1S1
10	4	4720-00-066-2409	66289	RM1319L
10	5		66289	RF269

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
10	6	5306-00-226-4825	96906	MS90728-32
10	7		96906	MS35338-45
10	8	2910-00-339-4836	66289	LP38FS1
10	9		66289	LQ-46A-2
10	10		66289	LQ-46A-8
10	11		66289	LQ-46A-7
10	12		66289	LQ-46A-4
10	13		66289	LQ-46A-5
10	14		66289	LQ-46A-16
10	15		66289	LQ-46A-6
10	16		66289	LQ-46A-5
10	17		66289	LQ-46A-1
10	18		66289	LQ-46A-11
10	19		66289	LQ-46A-13
10	20		66289	LQ-46A-9
10	21		66289	LQ-46A-12
10	22		66289	LQ-46A-14
10	23		66289	LQ-46A-10
10	24	5330-00-146-4050	66289	QD538A
10	25		66289	LQ-46A-15
10	26		81349	MILB857TYPE2GRAD E2
10	27	5310-00-582-5965	96906	MS35338-44
10	28		66289	TF96-4
10	29		66289	TA111A
10	30		66289	TA116
10	31		66289	TA115
10	32		66289	TA114S1
10	33		66289	JK50
10	34		66289	PM145
10	35	5330-00-366-6351	66289	QD67
11	1	2940-01-004-4929	18265	FWG05-2527
11	2		18265	P2904
11	3	2990-00-832-8729	18265	P10-3198
11	4		18265	P10-3838
11	5		18265	P10-2523
11	6	5310-00-735-3544	18265	P10-1870
11	7	2940-00-934-7989	18265	P10-1275
12	1	4730-00-454-5041	66289	LK24
12	2		66289	LK9
12	3	4720-00-939-2746	66289	LL89-2
12	4		66289	LJ131-3
12	5		66289	LL18
12	6		66289	PD78
12	7		96906	MS35338-45
12	8	5306-00-225-8496	96906	MS90725-31
12	9		96906	MS35690-402
12	10	5310-00-582-5965	96906	MS35338-44
12	11		66289	XA74
12	12		66289	PG512
12	13		66289	L062

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
13	1	4730-00-992-7272	96906	MS20913-3K
13	2	4720-01-004-7273	79470	00904HJ02J04-036
13	3	4730-00-810-0059	05748	35564
13	4		79470	3220X4X2
13	5	5310-00-732-0558	96906	MS51967-8
13	6	5310-00-637-9541	96906	MS35338-46
13	7	5310-00-080-6004	96906	MS27183-14
13	8	5305-00-269-3213	96906	MS90725-62
13	9	4730-00-011-2578	96906	MS14314-2X
13	10		96906	MS35690-402
13	11	5310-00-582-5965	96906	MS35338-44
13	12	5305-00-068-0502	96906	MS90725-6
13	13		05748	37843
13	14	4820-00-228-1147	05748	32154
13	15		79470	W3400X4
13	16	4730-00-193-2709	79470	3327X4
13	17		05748	52925SA
13	18	2910-00-141-9758	96906	MS35645-1
13	19	2910-00-752-9138	96906	MS90908-1
13	20		09393	8680L20.5
13	21		05748	56814SA
14	1		98738	777D4621RATIO
14	2	5310-00-584-8729	66289	PD115-2
14	3	5310-00-045-3296	96906	MS35338-43
14	4	3040-00-288-2655	66289	VE674A
14	5	2990-01-004-2868	66289	VE689C
14	6	4730-00-268-3697	66289	RF1281
14	7	4730-00-827-4223	66289	RF1165A
14	8	5360-00-201-2031	66289	PM76
14	9	5306-00-282-9639	66289	XD16
14	10		96906	MS35338-45
14	11	2990-00-624-9956	66289	T84H1
14	15	5330-00-358-4789	66289	QD615A
15	1		78480	OW444
15	2		78480	OW447
15	3		78480	OW363
15	4		78480	OW352
15	5		78480	06096
15	6	2910-00-821-2603	66289	LQ32
16	1		11431	11005
16	2	5340-00-082-4106	14934	U200
16	3		76700	T5486
16	4		05748	53744
17	1	5305-00-988-1721	96906	MS35206-277
17	2	5310-00-582-5965	96906	MS35338-44
17	3		66289	SE48-1
17	4		66289	SE127A
17	5		66289	SE127
17	6		66289	XD13-1
17	7	5310-00-514-6674	66289	PF46A
17	8		66289	XD114-1

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FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
17	9	5310-00-595-7237	66289	PE56A
17	11	5305-00-988-1723	96906	MS35206-279
17	12	2805-00-353-5925	66289	SE125A
17	13	2805-00-353-5924	66289	SE125
17	14	2805-00-353-5927	66289	SE126A
17	15	2805-00-353-5926	66289	SE126
17	16	2805-00-353-5931	66289	SE128C
17	17		66289	SE128B
19		5977-00-553-6336	19728	28MBW2012CS
19	1	6150-00-586-9517	66289	YL356-28
19	2		81349	MILB857TYPE2STYL
				EAORBGRADE1
19	3		96906	MS35338-45
19	4	5307-00-025-7991	66289	PC396
19	5	5305-00-989-7434	96906	MS35207-263
19	6		66289	PH194
19	7		66289	PG515A
19	8	5306-00-545-0931	66289	PB187
19	9	5310-00-194-0021	66289	PE5A
19	10		19728	MBP4018T
19	11		19728	28MZ1024AD
19	12		19728	28MZ52B
19	13		19728	28MBP2002B
19	14		19728	28MZ19CS
19	15		19728	MBP1034AS
19	16		19728	MAD110
20		2920-00-997-1454	82796	SK90
20	1	5305-00-988-1721	96906	MS35206-277
20	2	5310-00-209-0786	96906	MS35335-33
20	3	5305-00-281-6387	82796	10S10D
20	4	2920-00-279-6104	66289	YL355-5
20	5	5340-00-453-9127	66289	PG558
20	6	2920-00-533-3911	66289	YD300-32
20	7	2920-00-887-1289	66289	YD300-23
20	8	2920-00-924-2042	66289	YD300-40
20	9		05748	53936
20	10	5310-00-732-0558	66289	PD79
20	11	5310-00-595-7237	66289	PE56A
20	12	5305-00-269-3217	96906	MS90725-67
20	13	5310-00-061-1258	66289	PE76A
20	14	5310-01-111-7268	66289	PD11
20	15	5307-00-737-5503	66289	PC429
20	16	5330-00-360-8381	66289	QD616
20	17	2920-00-880-3428	82796	FMXZE4B7-4
20	18	5305-00-180-0037	88044	AN500A10-18
20	19	5305-00-984-4988	96906	MS35206-228
20	20	2920-00-374-4715	82796	A1232
20	21	5350-00-196-8371	58536	A-A-1044
20	22	2920-00-366-7165	82796	A6032A
20	23	2920-00-855-5551	82796	LY2430A
20	24	5330-00-523-8602	82796	K2498

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
20	25		82796	L2474E
20	26	5310-00-733-8735	82796	6N1
20	27	5310-00-013-1044	82796	6LW1
20	28	5310-00-270-2172	82796	D2458
20	29	5305-01-163-0385	82796	6S8N
20	30		82796	G2457A
20	31	2920-00-475-9072	82796	K2499A
20	32	5999-00-656-7340	82796	K2513
20	33		82796	B1355
20	34		82796	H2514
20	35	2920-01-112-3693	82796	W2514
20	36	5910-00-445-6891	82796	MX2433
20	37	5330-00-839-6106	82796	P2473
20	38	2920-00-453-9126	82796	LX2514C
20	39		80212	S581
20	40		82796	D1182
20	41		82796	F983B
20	42		82796	X2765X
20	43	2920-00-986-1999	82796	A2766
20	44		82796	D1498
20	45		82796	Q5952
20	46		82796	C1498G
20	47		82796	6S6Z
20	48	5305-00-285-5282	16764	453696
20	49	2920-00-354-0750	82796	G2788
20	50	2920-00-142-0888	82796	A2437AX
20	51	5310-00-737-2632	82796	M2570
20	52		82796	6S4L
20	53		82796	B6030A
20	54	2920-00-714-5868	82796	C6032B
20	55		82796	WW2425
20	56		66289	GD103-1
20	57	2920-00-810-7082	11583	XMD21
21	1		76599	GS4SS
21	2	4720-01-206-9970	05748	56604
21	3		05748	56605
21	4	4720-01-208-1926	05748	56606
21	5		79470	110-04807
21	6	4730-01-004-8346	79470	1537
21	7	4730-01-206-9961	05748	03225
21	8		66289	RS11
21	9		66289	VE6
21	10		57733	446058-60
21	11		57733	ES411335
21	12	5310-00-877-5797	96906	MS21044N3
21	13	5310-00-809-8546	96906	MS27183-8
21	14	5305-00-995-3444	96906	MS35207-266
21	15	5365-01-005-4268	05748	17046
21	16	6680-00-825-2076	96906	MS35916-2
21	17	5930-00-504-3657	66289	YC48
21	18		05748	37504

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
21	19	5340-01-005-4124	05748	37502
21	20		05748	37503
21	21	5330-01-005-4123	05748	37501
21	22		96906	MS35690-402
21	23	5310-00-582-5965	96906	MS35338-44
21	24	5305-00-068-0501	96906	MS90725-5
21	25	5930-00-274-5124	66289	YC10C
21	26	5930-00-224-5668	66289	YC9FS1
21	27		05748	59271SA
21	28		66289	VE435C
21	29	2990-00-104-2217	66289	VE527WA
21	30		05748	52892SA
22	1	5310-00-889-2606	96906	MS35425-42
22	2		05748	52896SA
22	3		05748	53957
22	4	6140-01-005-2010	05748	53958
22	5	6140-00-059-3528	96906	MS75047-1
22	6	5310-00-732-0558	96906	MS51967-8
22	7	5310-00-637-9541	96906	MS35338-46
22	8	5305-00-269-3213	96906	MS90725-62
22	9	5310-00-080-6004	96906	MS27183-14
22	10		05748	52895SA
23	1		05748	02504
24	1		81348	ZZ-T-381M/GP2/7. 00-15/D/LTHR
24	2	2610-00-591-2865	96906	MS35392-157
24	3	5306-01-005-4008	27767	83922
24	4		27767	82551
24	5		27767	545UH1
24	6		27767	81733
24	7		99024	16-5940
24	8		99024	16-5809
24	9	3110-00-948-9805	60038	L44649L44610
24	10		27767	86429
24	11	3110-00-827-8648	60038	L44610
24	12	3110-00-769-1426	60038	L68111
24	13		27767	86426
24	14	3110-00-763-0259	60038	L68149
24	15	5330-00-485-0835	81596	58846
25	1	5310-00-838-1702	96906	MS35691-57
25	2	5310-00-584-7888	96906	MS35338-51
25	3		05748	52899SA
25	4	6150-01-149-5805	05748	39160SA
25	5	5315-00-842-3044	96906	MS24665-283
25	6	5310-00-889-2606	96906	MS35425-42
25	7		05748	37534
25	8		05748	38991
25	9	5315-01-007-6909	05748	53001SA
25	10		05748	52918SA
25	11	5315-01-159-4433	05748	52999SA
25	12	5310-00-763-8920	96906	MS51967-20

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
25	13		96906	MS35338-50
25	14	5310-00-823-8803	96906	MS27183-21
25	15		05748	37374
25	16	5305-00-727-3804	96906	MS90725-165
25	17		05748	37352
26	1	4210-00-808-4544	03670	IK10E
26	2		96906	MS35690-402
26	3	5310-00-582-5965	96906	MS35338-44
26	4	5365-01-005-4270	05748	38685
26	5	5305-00-071-2240	96906	MS90725-11
26	6	5340-01-005-0384	05748	56848SA
26	7	5310-00-732-0558	96906	MS51967-8
26	8	5310-00-637-9541	96906	MS35338-46
26	9	5305-00-269-3213	96906	MS90725-62
26	10	5310-00-080-6004	96906	MS27183-14
26	11	5305-00-115-9526	96906	MS18154-58
26	12		05748	52898SA
26	13	5305-00-068-0502	96906	MS90725-6
26	14	5310-00-582-5965	96906	MS35338-44
26	15	9905-00-202-3639	96906	MS35387-2
26	16	9905-00-205-2795	96906	MS35387-1
27	1		79470	01704HJ02104-023
27	2		79470	00904H104J02-046
27	3		79470	01704HJ02104-028
27	4	4730-00-287-1603	79470	3500X2
27	5	4730-00-196-1973	79470	3329X4
27	6		79470	3300X4
27	7	6685-00-141-4293	64467	BW42
27	8	5310-00-934-9751	96906	MS35650-102
27	9	5310-00-045-3296	96906	MS35338-43
27	10	5305-00-995-3444	96906	MS35207-266
27	11		05748	37500
27	12	6685-00-455-1058	64467	BA13ACA4LW
27	13	5340-01-005-4124	05748	37502
27	14		05748	37498
27	15	6685-00-455-1057	64467	BA13APH4LW
27	16	4730-00-277-5683	79470	3350X2
27	17	4730-01-206-9961	05748	03225
27	18		05748	03255
27	19		05748	03400
27	20		05748	03247
28	1	5310-00-732-0558	96906	MS51967-8
28	2	5310-00-637-9541	96906	MS35338-46
28	3		96906	MS90725-64
28	4	5310-00-080-6004	96906	MS27183-14
28	5		05748	37427SA
28	6	4730-00-640-6188	96906	MS27029-17
28	7	5330-00-899-4509	96906	MS27030-9
28	8	5310-00-732-0558	96906	MS51967-8
28	9	5310-00-637-9541	96906	MS35338-46
28	10	5305-00-269-3215	96906	MS90725-65

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
28	11		05748	52489
28	12		96906	MS90725-64
28	13	4730-00-840-5348	96906	MS27027-17
28	14	5330-00-139-7302	05748	37456
28	15		05748	37436SA
28	16	5307-00-140-8149	05748	02417
28	17		05748	37437
28	18	5330-00-139-7302	05748	37456
29	1	5310-00-732-0558	96906	MS51967-8
29	2	5310-00-637-9541	96906	MS35338-46
29	3	5305-00-269-3215	96906	MS90725-65
29	4	5305-00-269-3216	96906	MS90725-66
29	5	5330-00-139-7302	05748	37456
29	6		05748	37460SA
29	7	4730-00-640-6156	96906	MS27028-17
29	8	5330-00-899-4509	96906	MS27030-9
29	9	5310-00-732-0558	96906	MS51967-8
29	10	5310-00-637-9541	96906	MS35338-46
29	11		96906	MS90725-64
29	12	4730-00-840-5347	96906	MS27023-17
29	13	5330-00-139-7302	05748	37456
29	14	4820-00-950-7687	81718	676
29	15		96906	MS90725-64
29	16	5310-00-080-6004	96906	MS27183-14
29	17		05748	52491
29	18		96906	MS90275-65
29	19	5305-00-269-3217	96906	MS90725-67
29	20		05748	37462SA
29	21	5307-00-140-8149	05748	02417
29	22		05748	02418
29	23		05748	37463
29	24		05748	37461
29	25	5305-00-175-3230	05748	01628
29	26		05748	52880
29	27		05748	53784
29	28		05748	37517
29	29	5330-00-139-0138	05748	38223
29	30	4730-00-138-8164	05748	37531
29	31	4720-01-005-2017	05748	52900
29	32	4820-00-845-1096	79470	6660
29	33	4730-00-138-8165	05748	03226
29	34	4730-00-188-1855	05748	03262
30	1	4820-00-950-7687	81718	676
30	2	5310-01-007-6896	81718	H959M
30	3	5340-00-986-1981	81718	C74A
30	4	4730-00-986-1982	81718	H665B
30	5	5360-00-986-1987	81718	H669M
30	6	5330-01-214-0131	81718	H666M
30	7	5330-00-779-2357	81718	H667M
30	8		81718	H643M
30	9	5310-00-637-9541	81718	H2525M

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
30	10	4820-00-986-7762	81718	D17A
30	11	5330-00-785-0693	81718	C75M
30	12		81718	D19M
30	13		81718	D18M
30	14	4930-00-896-7073	81718	C73B
30	15	4930-00-718-9956	81718	C72RB
30	16		81718	E2A
31	1		05748	37428
31	2		81718	H218M
31	3		81718	H421M
31	4		81718	H366M1
31	5		81718	H477I
31	6	5330-00-732-7749	81718	H508M
31	7	5330-00-732-7750	81718	H778M
31	8		81718	C987
31	9		05748	37429
32	1		05748	37459SA
32	2	5360-01-005-4259	05748	38157
32	3		96906	MS90725-64
32	4	5305-00-269-3213	96906	MS90725-62
32	5	5310-00-637-9541	96906	MS35338-46
32	6	5310-00-809-4061	96906	MS27183-15
32	7		05748	38150
32	8		05748	38175SA
32	9		05748	38179
32	10		05748	38130
32	11		05748	38154
32	12		05748	38099
32	13		05748	38155
32	14	5305-00-942-2196	96906	MS18154-60
32	15		05748	38100
32	16		05748	38178
32	17		05748	38174SA
32	18		05748	38153
32	19		05748	38141
32	20		05748	38140
32	21		05748	38101
32	22		05748	38127SA
32	23	4730-01-004-5105	05748	15000
32	24		05748	38151
32	25	5330-00-139-0082	05748	38152
32	26		05748	38221SA
32	27	4730-01-005-2402	05748	03217
32	28		05748	02418
32	29		05748	38159
33	1	4320-00-138-8149	05748	37458SA
33	2	5310-00-880-7744	96906	MS51967-5
33	3		96906	MS35338-45
33	4	5306-01-075-8519	96906	MS90725-36
33	5		05748	38216
33	6		03933	B1092B

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	FSCM	PART NUMBER
33	7		05748	A393-18-8
33	8	4820-00-563-8051	03933	A4696
33	9		03933	A553
33	10		03933	A4826
33	11		03933	A3232
33	12		03933	A1917
33	13		03933	A3636C
33	14		03933	A4827D
33	15	4730-01-005-2402	05748	03217
33	16	3110-00-965-8485	96906	MS19060-1012
33	17		03933	B563
33	18		05748	38260
34	1	4820-00-263-9119	14959	438
34	2		05748	52497
34	3	4730-00-649-9100	96906	MS27028-11
34	4	5330-00-612-2414	96906	MS27030-6
34	5	4730-00-938-7997	96906	MS27022-11
34	14	4730-00-817-6578	797470	3228X6
34	15		05748	03244

By Order of the **Secretary** of the Army:

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

Official:

THOMAS F. SIKORA
Brigadier General, United States Army
The Adjutant General

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DATE SENT

PUBLICATION NUMBER

TM 5-4320-272-20P

PUBLICATION DATE

20 Apr 1990

PUBLICATION TITLE PUMPING ASSEMBLY,
FLAMMABLE LIQUID BULK TRANSFER

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PAGE
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6

PARA-
GRAPH2-1
aFIGURE
NO.

4-3

TABLE
NO.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
2 910-00-762-3001. 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

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeter = .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 °C temperature
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