

TECHNICAL MANUAL
ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST

WATER DISTRIBUTION SYSTEM

Model TDS 20K	4610-01-120-7529
Model WDS 40K	4610-01-114-1451
Model WDS 300K	4610-01-114-1453
Model WDS 800K	4610-01-114-1450
Model WDS 1,000K	4610-01-114-1452

Approved for public release: Distribution is unlimited.

**Organizational, Direct Support and
General Support Maintenance
Repair Parts and Special Tools List
For**

Water Distribution System

Model WDS 20K 4610-01-120-7529

Model WDS 40K 4610-01-114-1451

Model WDS 300K 4610-01-114-1453

Model WDS 800K 4610-01-114-1450

Model WDS 1,000K 4610-114-1452

Current as of 30 January 1987

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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

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 Water Distribution System, It authorizes the requesting, 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 spare 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 fictional 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).

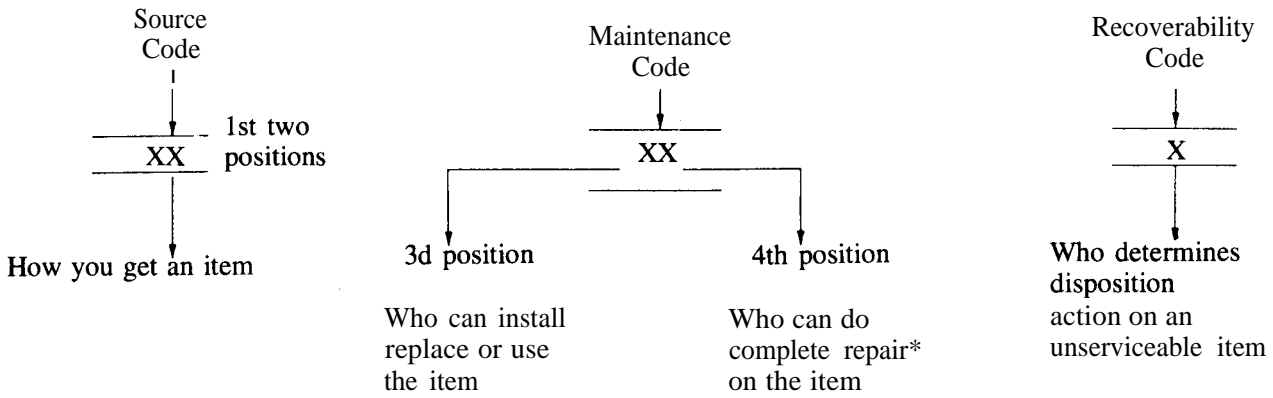
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all parts numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. EXPLANATION OF COLUMNS (SECTIONS II AND III).

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

b. SMR Code (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requesting 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 follow:

CODE

Explanation

PA
 PB
 PC**
 PD
 PE
 PF
 PG

Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR code.

**NOTE: Items coded PC are subject to deterioration.

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 requested and applied.

Explanation

KD
 KF
 KB

MO—(Made at org/
 AVUM Level)
 MF—(Made at DS/
 AVUM Level)
 MH—(Made at GS
 Level)
 ML—(Made at Spe-
 cialized Repair
 Activity (SRA))
 MD—(Made at Depot)

Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION and USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in the 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.

Explanation

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

Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requested 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 request an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
XB-	If an "XB" item is not available from salvage, order it using the FSCM and part number given.
XC-	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD-	Item is not stocked. Order an "XD"- coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700-42.

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

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

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

Recoverability Codes	Application/Explanation
Z	-Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
O	-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 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. FCSM (Column (3)). The Federal Supply Code for Manufacturer (FCSM) 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 drawing, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to request 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 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 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

NSN

(5305-01-574-1467).
NIN

(NIIN) sequence. The NIIN consists of the last nine digits of the NSN, i.e. When using this column to locate an item, ignore the first four 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. The 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.

5. SPECIAL INFORMATION. Use the following subparagraphs as applicable:

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

DSD	WDS 20K
DSE	WDS 40K
DSF	WDS 300K
DSG	WDS 800K
DSH	WDS 1,000K

b. ASSOCIATED PUBLICATIONS. The publication listed below pertains to the Water Distribution System and its components.

Publication	Short Title
TM5-4610-228-14	Operator, Organizational, Direct Support and General Support Maintenance Manual

6. HOW TO LOCATE REPAIR PARTS.

- (1) *First.* Using the table of contents, determine the assembly group of 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 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 4a(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see paragraph 4b.) 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.

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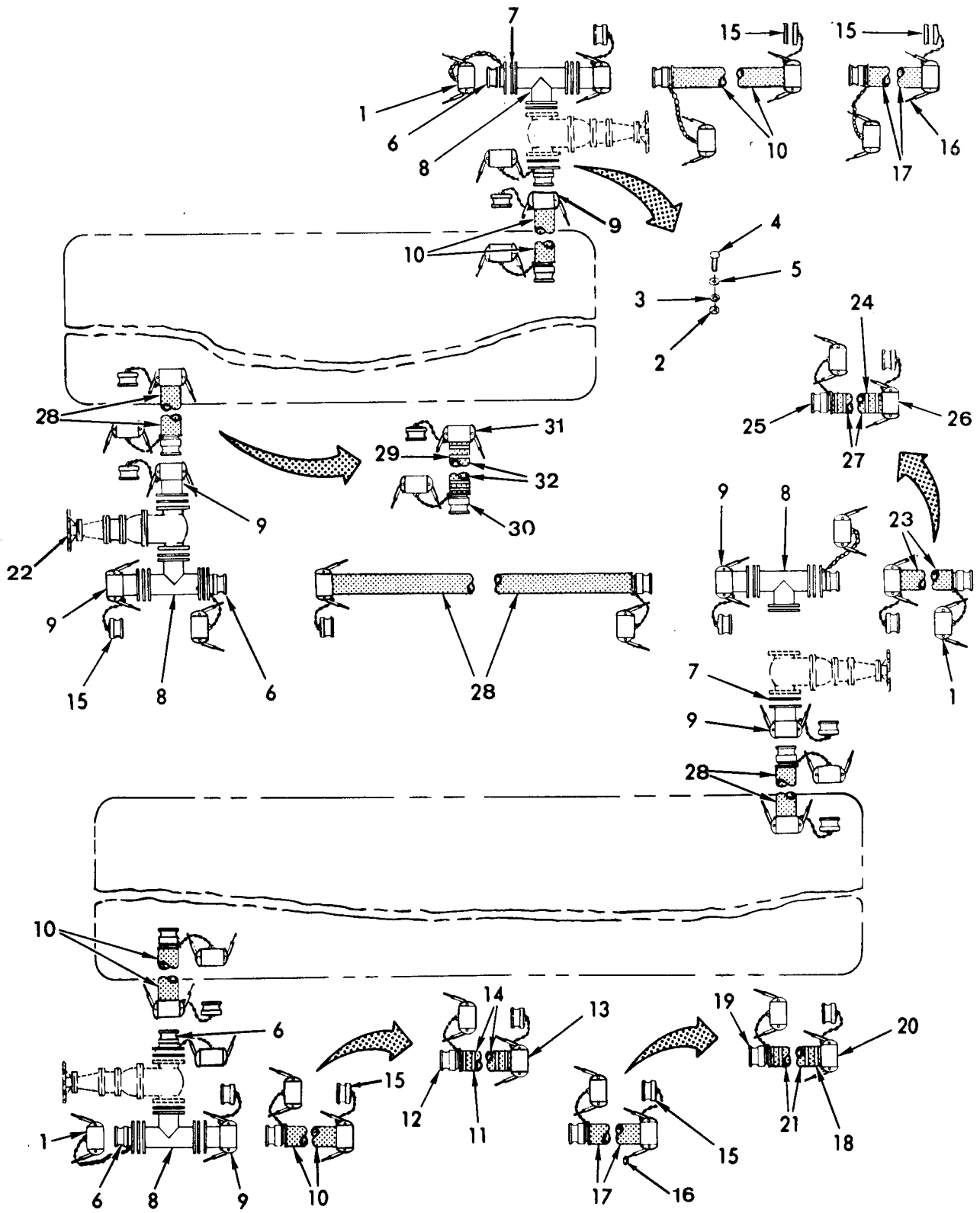


Figure 1. Dual Tank Interconnection Kit

SECTION II		TM 08846A-13/2				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
				GROUP 01 DUAL TANK INTERCONNECTION KIT FIGURE 1 - DUAL TANK INTERCONNECTION KIT		
	PDOOO	97403	13225E9114	CONNECTION ASSY; 10,000, 20,000 OR 50,000 GAL TANKS (RDF) UOC: DSE, DSF, DSG, DSH		
1	PBOZZ	96906	MS27028-17	.CAP, QUICK-DISK, CAM-LOCKING, TY IX, 4-INCH NOM SZ UOC: DSE, DSF, DSG, DSH	12	
2	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STEEL CAD, PLTD, .375-16 UNC 2B UOC: DSE, DSF, DSG, DSH	128	
3	PBOZZ	96906	MS35338-46	.WASHER, LOCK-SPRING, HELICAL STEEL, CAP PLTD, .375 NOM SZ UOC: DSE, DSF, DSG, DSN	128	
4	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD STEEL, CAD PLTD, .375-16 UNC 2AX .1.76 LG UOC: DSE, DSF, DSG, DSH	128	
5	PBOZZ	96906	MS27183-14	.WASHER, FLAT-RND, STL, CAD PLTD, .406 ID X. 812 OD UOC: DSE, DSF, DSG, DSH	272	
6	PBOZZ	96906	MS27023-17	.COUPLING HALF, QUICK-DISC, CAM-LOCKING, MALE, FLANGED, TYPE IV, ALUM, 4IN NOM SZ UOC: DSE, DSF, DSG, DSH	6	
7	PAOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4-IN RND UOC: DSE, DSF, DSG, DSH	16	
8	XDOZZ	97403	13216E8243	.TEE PIPE FLANGED, ALUM, 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	4	
9	PBOZZ	96906	MS27027-17	.COUPLING, HALF, QUICK-DISC, CAM- LOCKING, FEMALE, 4-IN NOM SZ, FLANGED, TYPE VIII AL UOC: DSE, DSF, DSG, DSH	6	
10	PBOOO	97403	13225E9136-4	.HOSE ASSY, DISCHARGE, 4-INCH DIA, 10-FT-LG UOC: DSE, DSF, DSG, DSH	4	
11	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4	

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
12	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
13	XDOZZ	96906	MS27025-17	..COUPLING, HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
14	MOOZZ	81348	ZZ-H-601, GRADE 3, CLASS 2, 4-IN X 20 FT	..HOSE, RUBBER, 20-FT-LG MFD FROM P/N ZZ-H-601, GRADE 3, CL 2, 4-IN, COLOR DESERT SAND UOC: DSE, DSF, DSG, DSH	1
15	PBOZZ	96906	MS27029-17	.PLUG, QUIC-DISC, CAM-LOCKING, DUST, 4-IN UOC: DSE, DSF, DSG, DSH	11
16	PBOZZ	81718	H1434M	.RING, RETAINING UOC: DSE, DSF, DSG, DSH	23
17	PBOZZ	97403	13225E9136-3	.HOSE ASSY, NONMETALLIC, 4-IN, 10-FT-LG UOC: DSE, DSF, DSG, DSH	6
18	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4
19	PBOZZ	96906	MS27021-17	..COUPLING HALF, QUICK-DISC, MALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
20	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
21	MOOZZ	81348	ZZ-H-601 GRADE 3, CLASS 2 4 IN X 10 FT	..HOSE, RUBBER, DESERT SAND (81348) 10-FT-LG, 1 MFD FROM P/N ZZ-H-601, GR3, CL2, 4-IN, UOC: DSE, DSF, DSG, DSH	1
22	PBOFF	97403	13220E1071	.VALVE, GATE, 4-IN NOM SZ (SEE FIGURE 2 FOR BREAKDOWN) UOC: DSE, DSF, DSG, DSH	4
23	PBOOO	97403	13225E9135-3	.HOSE ASSY, SUCTION, 4-IN 10 FT LG UOC: DSE, DSF, DSG, DSH	1
24	PAOZZ	70847	J215	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4
25	PAOZZ	96906	MS27021-17	..COUPLING, HALF, QUICK-DISC, HOSE SHANK, MALE UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
26	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUICK-DISC, HOSE SHANK, FEMALE UOC: DSE, DSF, DSG, DSH	1
27	MOOZZ	81348	ZZ-H-561, GRASTL LACL2TY2, 4 IN X 10 FT	..HOSE, RUBBER, DESERT SAND, 10 -FT-LG MFD FROM P/N ZZ-H-561, GRASTLA,CL2TY2, 4-IN	1
28	PBOOO	97403	13225E9135-4	.HOSE ASSY, SUCTION, 4-IN DIA, 20-FT-LG UOC: DSE, DSF, DSG, DSH	3
29	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4
30	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
31	XDOZZ	96906	MS27025-17	..COUPLING, HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
32	MOOZZ	81348	ZZ-H-561, GRASTL ACL2TY2, 4-IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-561, GRASTLA,CL2TY2, 4-IN UOC: DSE, DSF, DSG, DSH	1

END OF FIGURE

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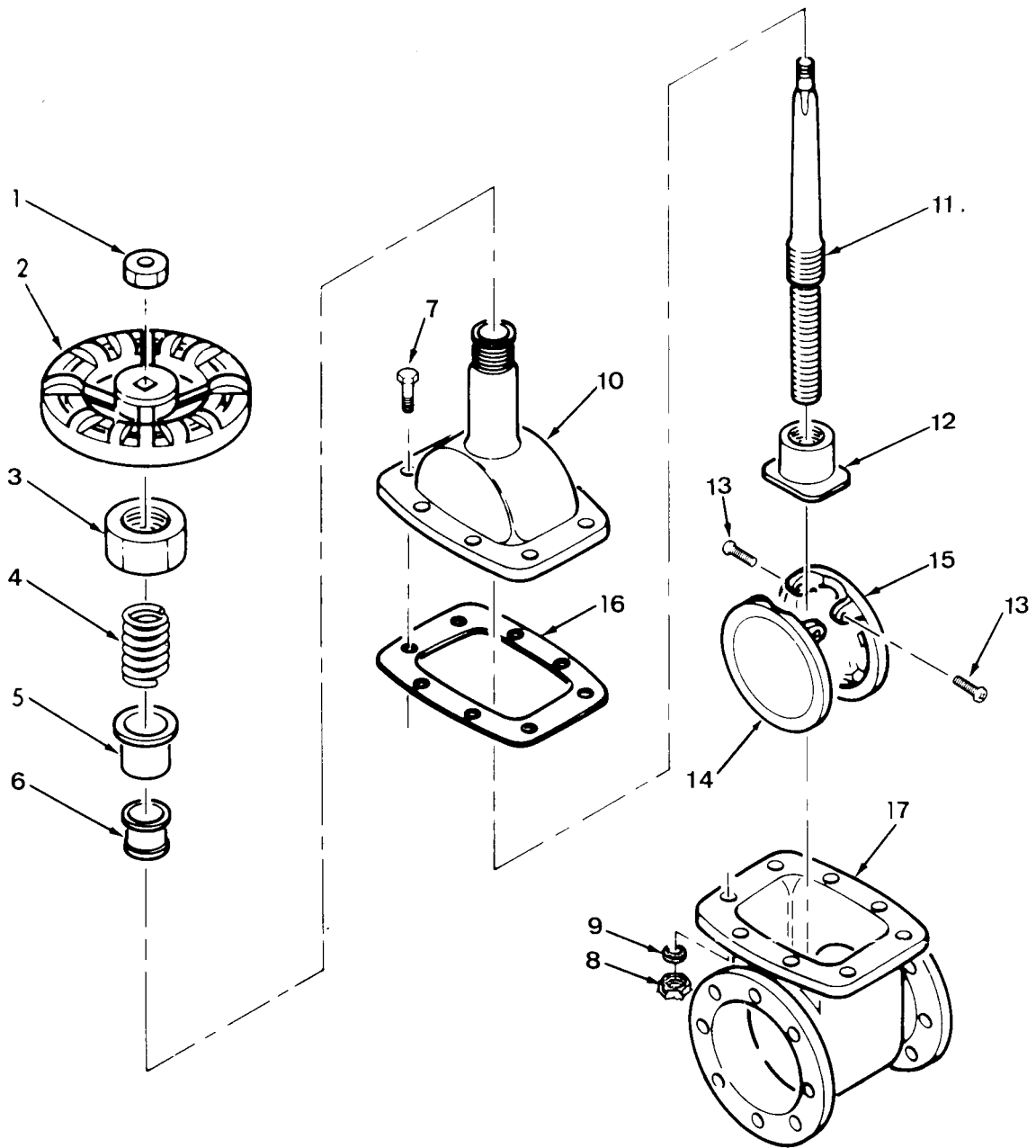


Figure 2. Gate Valve Assembly, 4-inch

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 01 (CONT) DUAL TANK INTERCONNECTION KIT FIG. 2 GATE VALVE ASSY, 4-INCH (SEE FIG. 1 FOR NHA)	
	PBOFF	97403	13220E1071	.VALVE, GATE, FLANGED, 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	4
1	XDFZZ	76364	31112H	..NUT, WHEEL	1
2	XDFZZ	76364	7660L	..HANDWHEEL, VALVE UOC: DSE, DSF, DSG, DSH	1
3	XDFZZ	76364	2855L	..NUT, STUFF UOC: DSE, DSF, DSG, DSH	1
4	XDFZZ	76364	70171N	..SPRING, GLAND UOC: DSE, DSF, DSG, DSH	1
5	XDFZZ	76364	363-H	..GLAND, VALVE UOC: DSE, DSF, DSG, DSH	1
6	PAFZZ	76364	65146K	..PACKING, VALVE UOC: DSE, DSF, DSG, DSH	1
7	PBFZZ	96906	MS35307-363	..SCREW, CAP, HEX HD, CRES, 3/8 UNC-2A, 1-3/8-IN-LG UOC: DSE, DSF, DSG, DSH	8
8	PBFZZ	96906	MS51971-3	..NUT, PLAIN, HEX UOC: DSE, DSF, DSG, DSH	8
9	PBFZZ	96906	MS35338-141	..WASHER, LOCK UOC: DSE, DSF, DSG, DSH	8
10	XAFZZ	76364	23194N	..BONNET, VALVE UOC: DSE, DSF, DSG, DSH	1
11	XDFZZ	76364	26264N	..STEM, VALVE UOC: DSE, DSF, DSG, DSH	1

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
12	XDFZZ	76364	3042N	..NUT, PULL UOC: DSE, DSF, DSG, DSH	1
13	XDFZZ	76364	4253-E	..SCREW, SADDLE UOC: DSE, DSF, DSG, DSH	2
14	XDFZZ	76364	437-N	..DISC, MALE, SADDLE UOC: DSE, DSF, DSG, DSH	1
15	XDFZZ	76364	438-N	..DISC, FEMALE SADDLE UOC: DSE, DSF, DSG, DSH	1
16	XDFZZ	76364	66173N	..GASKET, VALVE UOC: DSE, DSF, DSG, DSH	1
17	XAFZZ	76364	2093-N	..BODY, VALVE UOC: DSE, DSF, DSG, DSH	1

END OF FIGURE

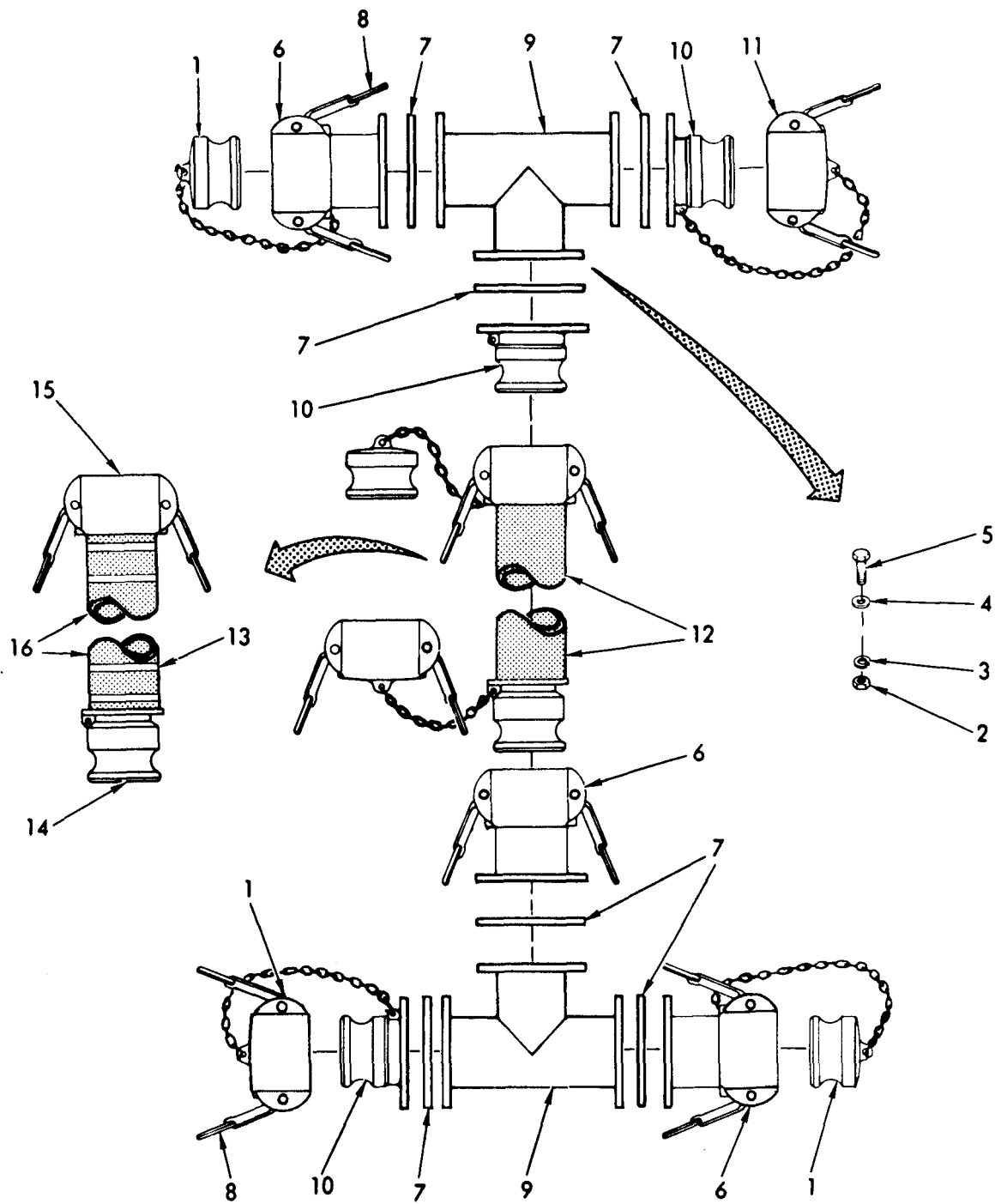


Figure 3. Interconnection Kit

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 02 INTERCONNECTION KIT FIG. 3. INTERCONNECTION KIT	
	PDOOO	97403	13225E9115-000	INTERCONNECTION KIT 4-IN DIA DISCH HOSE UOC: DSF, DSG, DSH	2
1	PBOZZ	96906	MS27029-17	.PLUG, QUIC-DISC, CAM-LOCK, DUST, TYPE X. 4-IN ALUM UOC: DSF, DSG, DSH	12
2	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STEEL, CAD PLTD. .375-16 UNC 2B UOC: DSF, DSG, DSH	48
3	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL STEEL, CAD PLTD, .375 NOM SZ UOC: DSF, DSG, DSH	48
4	PBOZZ	96906	MS27183-14	.WASHER, FLAT, STEEL, CAD PLTD .406 BASIC ID X .812 BASIC OD UOC: DSF, DSG, DSH	96
5	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD, STEEL: CAD PLTD, .375-16 UNC 2A X 1.75 LG UOC: DSF, DSG, DSH	48
6	PBOZZ	96906	MS27027-17	.COUPLING, HALF, QUICK-DISC CAM-LOCK, FEMALE, 4-IN, FLANGED, TYPE VIII, ALUM UOC: DSF, DSG, DSH	3
7	PBOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4-IN RND UOC: DSF, DSG, DSH	6
8	PBOZZ	81718	H1434M	.RING, RETAINING, SPRING STEEL, 1-IN UOC: DSF, DSG, DSH	24
9	XDOZZ	97403	13216E8243	.TEE, FLANGE, ALUM, 4-IN NOM SZ UOC: DSF, DSG, DSH	2
10	PBOZZ	96906	MS27023-17	.COUPLING, HALF, QUICK-DISC, CAM-LOCK, MALE, FLANGED, TYPE IV, ALUM 4-IN UOC: DSF, DSG, DSH	3
11	PBOZZ	96906	MS27028-17	.CAP, QUICK-DISC, CAM-LOCK, TYPE IX, ALUM, 4-IN, FEMALE UOC: DSF, DSG, DSH	12

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
12	PBOZZ	96906	MS27028-17	.CAP, QUICK-DISC, CAM-LOCK, TYPE IX ALUM, 4-IN UOC: DSF, DSG, DSH	12
13	PBOO	97403	13225E9136-4	.HOSE ASSY, DISCH, 4-IN DIA, 20-FT-LG UOC: DSF, DSG, DSH	10
14	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSF, DSG, DSH	4
15	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE, HOSE SHANK UOC: DSF, DSG, DSH	1
16	XDOZZ	96906	MS27025-17	..COUPLING, HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSF, DSG, DSH	1
17	MOOZZ	81348	ZZ-H-601 GRADE 3, CLASS 2 4 IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR3,CL2, 4-IN (81348) UOC: DSF, DSG, DSH	1

END OF FIGURE

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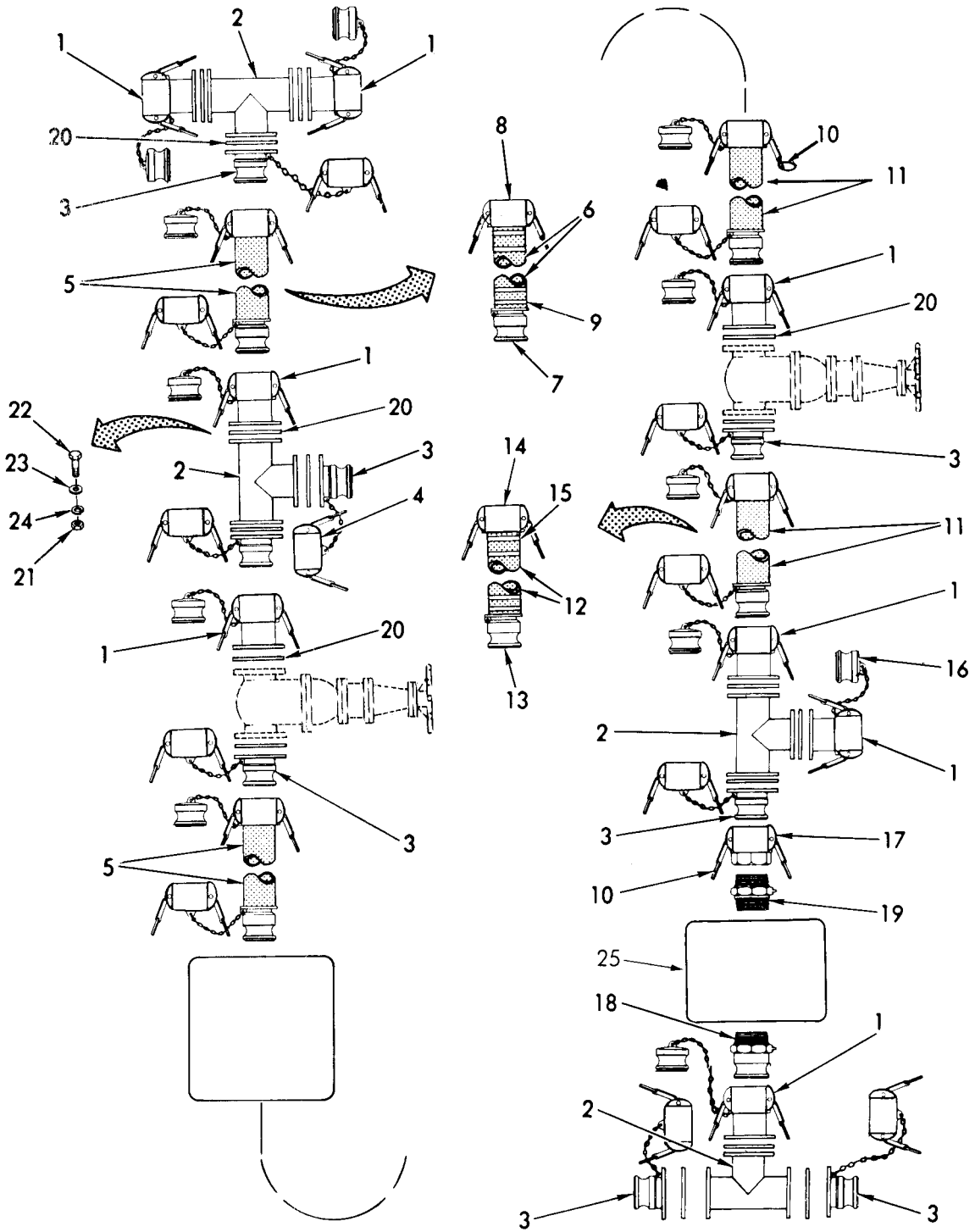


Figure 4. 350 GPM Connection Kit

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 350 GPM PUMP CONNECTION KIT FIG. 4 350 GPM CONNECTION KIT	
	PDOFF	97403	13225E9112	.CONNECTION ASSY. 350 GPM. PUMP (RDF) UOC: DSE, DSF, DSG, DSH	1
1	PBOZZ	96906	MS27027-17	.COUPLING, HALF, QUIK-DISC, CAM-LOCK, FEMALE, 4-IN, NOM SZ, FLANGED, TYPE VIII, AL UOC: DSE, DSF, DSG, DSH	8
2	XDOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, ALUM, 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	4
3	PBOZZ	96906	MS27023-17	.COUPLING, HALF, QUIK-DISC CAM-LOCK, MALE, FLANGED, ALUM, 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	8
4	PBOZZ	96906	MS27028-17	.CAP, QUIK-DISC, CAM-LOCK TYPE IX ALUM. 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	8
5	PBOOO	97403	13225E9135-4	.HOSE ASSY, SUCTION, 4-IN DIA 20-FT-LG UOC: DSE, DSF, DSG, DSH	5
6	MOOZZ	81348	ZZ-H-561, GRASTL ACL2TY2, 4-IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20 -FT-LG MFD FROM P/N ZZ-H-561, GRASTLA,CL2TY2, 4-IN, UOC: DSE, DSF, DSG, DSH	1
7	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUICK-DISC, MALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
8	XBOZZ	96906	MS27025-17	..COUPLING, HALF, QUICK-DISC. FEMALE HOSE SHANK UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
9	PBOZZ	70847	J215	..CLAMP HOSE UOC: DSE, DSF, DSG, DSH	4
10	PBOZZ	81718	H1434M	.RING, RETAINING, SPRING STEEL, 1.00-IN. UOC: DSE, DSF, DSG, DSH	16
11	PBOOO	97403	13225E9136-4	.HOSE ASSY, DISCH, 4 IN DIA, 10-FT-LG UOC: DSE, DSF, DSG, DSH	2
12	MOOZZ	81348	ZZ-H-601, GRADE 3, CLASS 2, 4 IN X 20 FT	..HOSE, RUBBER, DESERT, SAND, 20 -FT-LG MFD FROM P/N ZZ-H-601, GRA3, CL2, 4-IN UOC: DSE, DSF, DSG, DSH	1
13	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
14	XDOZZ	96906	MS27015-17	..COUPLING, HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
15	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4
16	PBOZZ	96906	MS27029-17	.PLUG, QUICK-DISC, CAM-LOCK, DUST, TYPE X, 4-IN UOC: DSE, DSF, DSG, DSH	8
17	PBOZZ	96906	MS27024-17	.COUPLING, HALF, QUIK-DISC, CAM-LOCK, FEMALE, INT PIPE THD, TYV, 4-IN UOC: DSE, DSF, DSG, DSH	1
18	PBOZZ	96906	MS277022-17	.COUPLING HALF, QUI K-DISC, CAM-LOCK, MALE, EXT PIPE THD TY III, 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	1
19	PBOZZ	81348	WW-P-351CL1	.NIPPLE, PIPE, BRASS, SEAMLESS STD 4-IN, EXT PIPE THD, CL 1, 6-IN UOC: DSE, DSF, DSG, DSH	1
20	PBOZZ	97403	13220E1069-1	.GASKET, 4-IN RND UOC: DSE, DSF, DSG, DSH	16

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
21	PBOZZ	96906	MS51967-8	NUT, PLAIN, HEX HD, STEEL CAD PLTD, .375-16 UNC 2B UOC: DSE, DSF, DSG, DSH	128
22	PBOZZ	96906	MS90725-65	SCREW, CAP, HEX HD, STEEL, CAD PLTD .375-16 UNC 2A X 1.75 OL UOC: DSE, DSF, DSG, DSH	128
23	PBOZZ	96906	MS27183	WASHER, FLAT-ROUND, STEEL CAD PLTD. .406 BASIC ID X .812 BASIC OD UOC: DSE, DSF, DSG, DSH	264
24	PBOZZ	96906	MS35338-46	WASHER, LOCK, SPRING, HELICAL STEEL, CAD PLTD, .375 NOM SZ UOC: DSE, DSF, DSG, DSH	128
25	PBOFF	97403	13220E1071	VALVE, GATE, 4-IN NOM SZ, FLANGED (SEE FIG. 2 FDR BREAKDOWN) UOC: DSE, DSF, DSG, DSH	2
26	PDOFF	71229	1955-2	HYPOCHLORINATION UNIT, WATER PURIFICATION (SEE FIG. 5 FOR BREAKDOWN) UOC: DSE, DSF, DSG, DSH	

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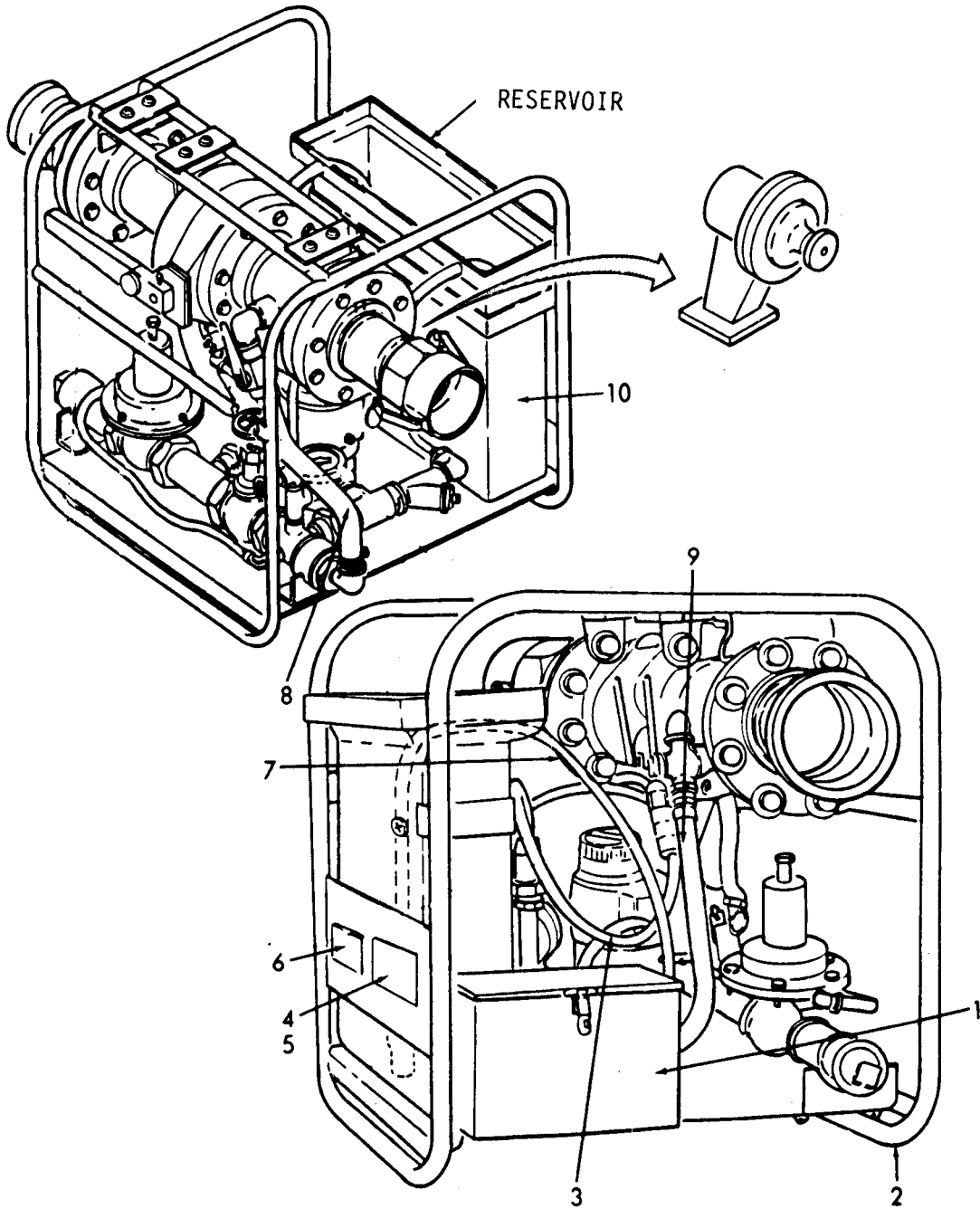


Figure 5. Hypochlorination Unit

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 (CONT) 350 GPM PUMP CONNECTION KIT FIG. 5 HYPOCHLORINATION UNIT	
	PDOFF	71229	1955-2	.HYPOCHLORINATION UNIT, WATER PURIFICATION (SEE FIG. 4, ITEM 26 FOR NHA) UOC: DSE, DSF, DSG, DSH	1
1	XDOZZ	09680	B-239488	..BOX, TOOL UOC: DSE, DSF, DSG, DSH	1
2	XDOFF	09680	A-239489	..FRAME UOC: DSE, DSF, DSG, DSH	1
3	PBOZZ	09680	D-23986-4	..HOSE, DISCHARGE UOC: DSE, DSF, DSG, DSH	1
4	XDOZZ	09680	C-239494	..PLATE, INSTRUCTION UOC: DSE, DSF, DSG, DSH	1
5	XDOZZ	09680	D-814326	..SCREW, DRIVE, NO 7, PLATE MTG, 1/4-IN-LG UOC: DSE, DSF, DSG, DSH	8
6	XDOZZ	09680	D-239495	..PLATE, IDENT UOC: DSE, DSF, DSG, DSH	1
7	PBOZZ	09680	D-239386-1	..HOSE, SUCTION UOC: DSE, DSF, DSG, DSH	1
8	XDOZZ	09680	D-239490	..HOSE ASSEMBLY, MANIFOLD INLET UOC: DSE, DSF, DSG, DSH	1
9	XDOZZ	09680	D-239490-1	..HOSE ASSEMBLY, MANIFOLD OUTLET UOC: DSE, DSF, DSG, DSH	1
10	XDOZZ	09680	C-239388	..RESERVOIR UOC: DSE, DSF, DSG, DSH	1
				END OF FIGURE	

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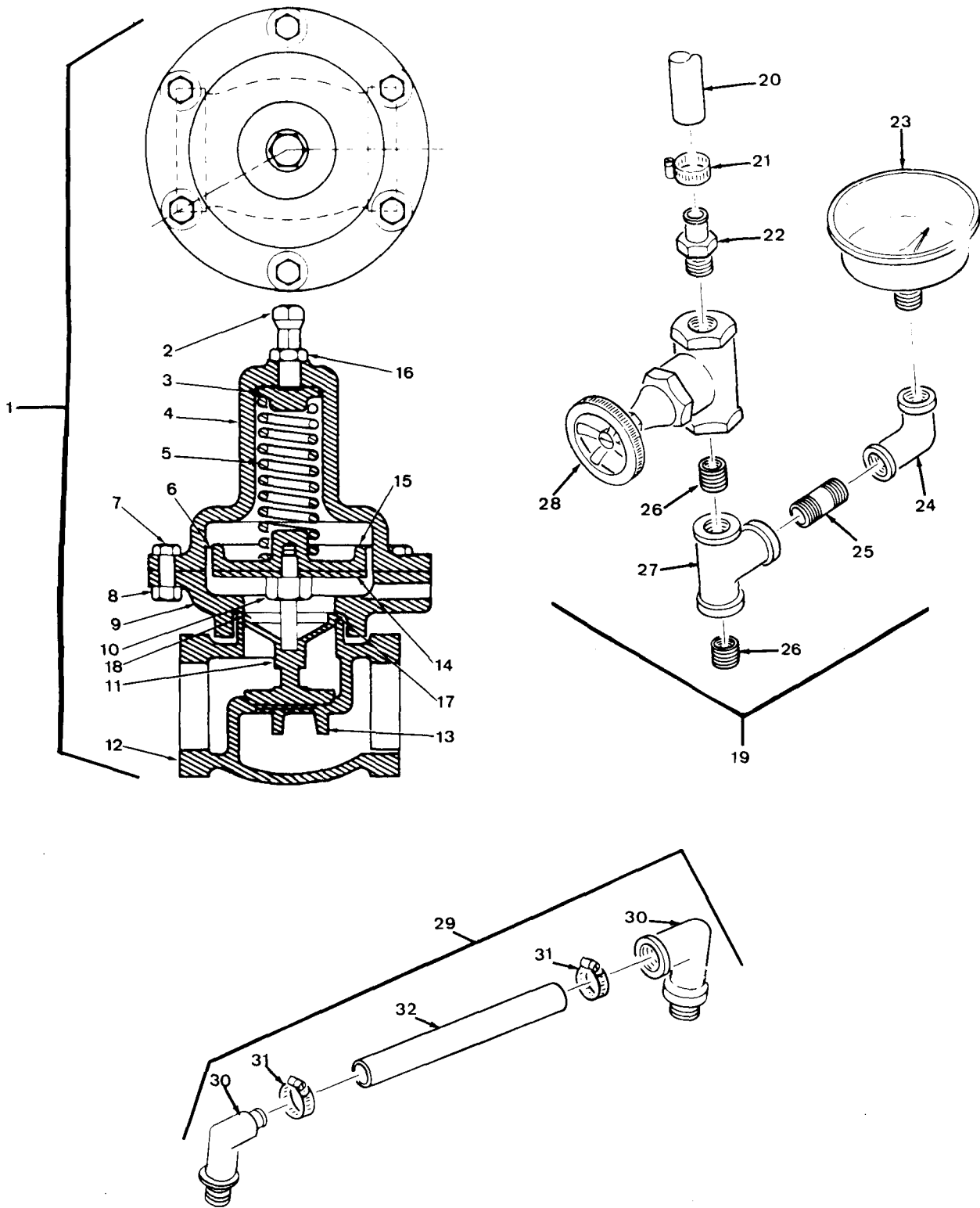


Figure 6. Pressure Valve and Hose Assembly

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 (CONT)	
				350 GPM PUMP CONNECTION UNIT	
				FIG. 6 PRESSURE VALVE AND HOSE ASSEMBLY	
1	PBOFF	09680	B-239370	..VALVE ASSY, PRESSURE REGULATING UOC: DSE, DSF, DSG, DSH	1
2	XAFZZ	09680	D-814357	...SETScrew, SQ HD, 1/2-13 UNC X1 - 3/4-IN UOC: DSE, DSF, DSG, DSH	1
3	XAFZZ	09680	D-813968	...BUTTON, SPRING UOC: DSE, DSF, DSG, DSH	1
4	XAFZZ	09680	B-813972	...CAP, VALVE, PRESSURE UOC: DSE, DSF, DSG, DSH	1
5	XAFZZ	09680	DS-46-145	...SPRING UOC: DSE, DSF, DSG, DSH	1
6	PBFZZ	09680	C-813969	...DIAPHRAGM UOC: DSE, DSF, DSG, DSH	1
7	PBFZZ	09680	D-814324	...SCREW, CAP, HEX HD 3/8-16 UNC X 1-1/4-IN LG UOC: DSE, DSF, DSG, DSH	6
8	PBFZZ	09680	D-814325	...NUT, PLAIN, HEX, 3/8-16 UNC UOC: DSE, DSF, DSG, DSH	6
9	XAFZZ	09680	B-813973	...RETAINER, VALVE, PRESSURE UOC: DSE, DSF, DSG, DSH	1
10	XAFZZ	09680	D-813967	...ROD, PUSH UOC: DSE, DSF, DSG, DSH	1
11	XAFZZ	09680	D-239397	...GUIDE, DISC UOC: DSE, DSF, DSG, DSH	1
12	XAFZZ	09680	C-813966	...BODY VALVE UOC: DSE, DSF, DSG, DSH	1
13	XAFZZ	09680	D-813988	...DISC, VALVE UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
14	XAFZZ	09680	C-813970	...RETAINER, DIAPHRAGM UOC: DSE, DSF, DSG, DSH	1
15	XAFZZ	09680	C-813971	...PISTON, VALVE UOC: DSE, DSF, DSG, DSH	1
16	XAFZZ	09680	D-814348	...NUT, HEX JAM, 1/2-13 UOC: DSE, DSF, DSG, DSH	1
17	XDFZZ	09680	D-814234	...GASKET, VALVE GUIDE UOC: DSE, DSF, DSG, DSH	1
18	XDFZZ	09680	D-239398	...GASKET, SEALING UOC: DSE, DSF, DSG, DSH	1
19	XDOOO	09680	D-239383	..HOSE ASSEMBLY (FILL WITH PRESSURE GAGE) UOC: DSE, DSF, DSG, DSH	1
20	PAOZZ	09680	D-239386-2	...TUBING, R-15 UOC: DSE, DSF, DSG, DSH	1
21	PBOZZ	09680	416-3391-001	...CLAMP, HOSE, 3/8-IN UOC: DSE, DSF, DSG, DSH	1
22	XDOZZ	09680	KFO6-04PS	...CONNECTOR UOC: DSE, DSF, DSG, DSH	1
23	PBOZZ	09680	500S	...GAGE, PRESSURE, DIAL UOC: DSE, DSF, DSG, DSH	1
24	XDOZZ	09680	D-814358	...ELBOW, PIPE, 1/4IN NPT UOC: DSE, DSF, DSG, DSH	1
25	XDOZZ	09680	D-814328	...NIPPLE, PIPE, 1/4-IN NPT UOC: DSE, DSF, DSG, DSH	1
26	XDOZZ	09680	D-814327	...NIPPLE, PIPE, 1/4-IN UOC: DSE, DSF, DSG, DSH	2
27	XBOZZ	09680	D-814309	...TEE, PIPE, 1/4-IN NPT UOC: DSE, DSF, DSG, DSH	1

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
28	PBOZZ	09680	IB415	...VALVE, GLOBE UOC: DSE, DSF, DSG, DSH	1
29	XDOOO	09680	D-239385	..HOSE ASSEMBLY, PRESSURE REGULATING UOC: DSE, DSF, DSG, DSH	1
30	XDOZZ	09680	KF06-04PS90	...ELBOW, HOSE UOC: DSE, DSF, DSG, DSH	2
31	PBOZZ	09680	416-3391-001	...CLAMP, HOSE, 3/8-IN UOC: DSE, DSF, DSG, DSH	2
32	PAOZZ	09680	D-239386-5	...TUBING, R-15 UOC: DSE, DSF, DSG, DSH	1

END OF FIGURE

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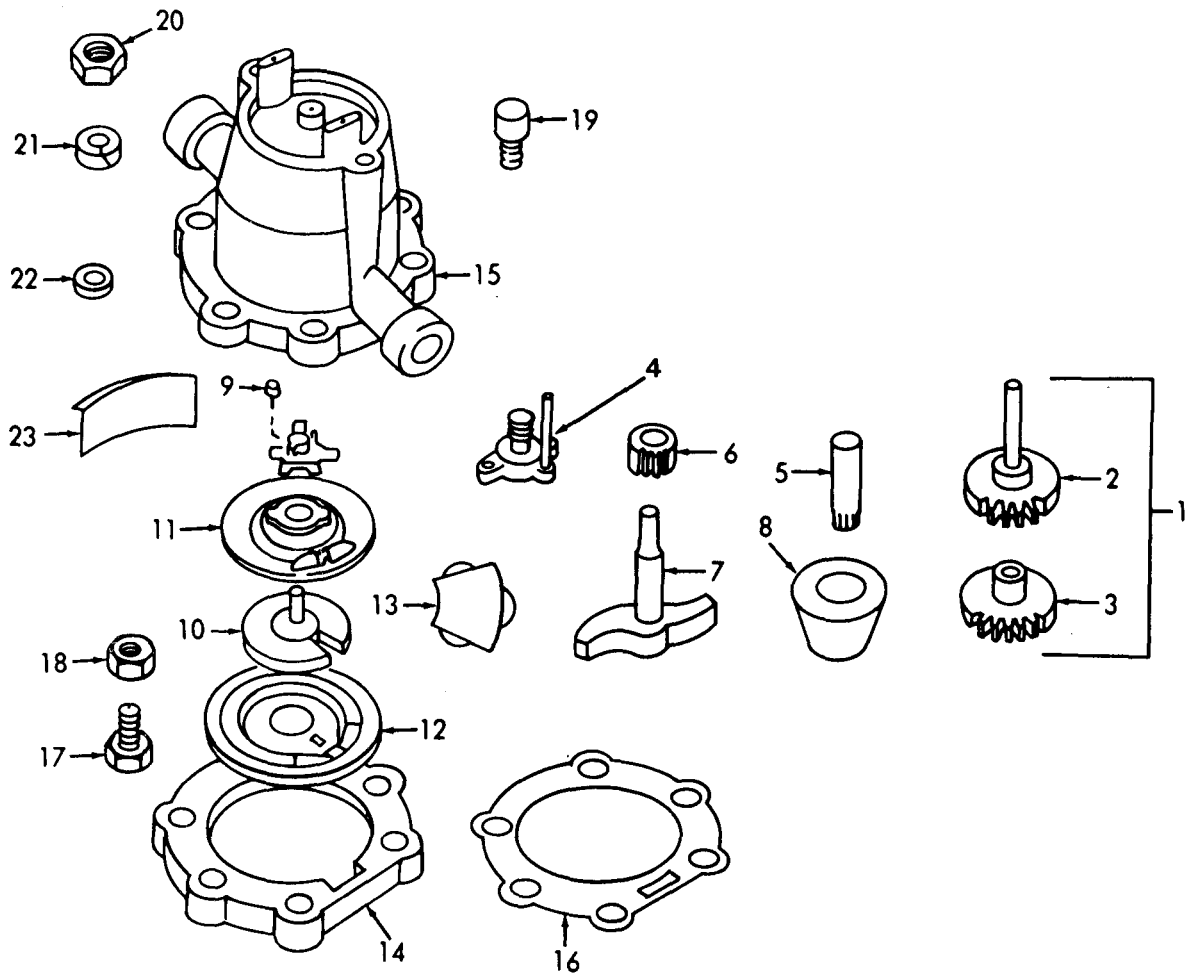


Figure 7. Water Meter, 1-inch

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 (CONT)	
				350 GPM PUMP CONNECTION KIT	
				FIG. 7 WATER METER, 1-INCH	
	PBOFF	09680	D-239389	..METER, WATER, 1-INCH UOC: DSE, DSF, DSG, DSH	1
1	XDFZZ	09680	51006G00	...GEAR SET, G4/1 UOC: DSE, DSF, DSG, DSH	1
2	XAFZZ	09680	51025G031	....GEAR, G 4/1, TOP UOC: DSE, DSF, DSG, DSH	1
3	XAFZZ	09680	51015G003	....GEAR, G 4/1, 1ST INTER UOC: DSE, DSF, DSG, DSH	1
4	XDFZZ	09680	51017G008	...PLATE, GEAR G4 UOC: DSE, DSF, DSG, DSH	1
5	XAFZZ	09680	51018P002	....PIVOT, G4 UOC: DSE, DSF, DSG, DSH	1
6	XAFZZ	09680	51091P021	....PINION, INTERNAL, G4 UOC: DSE, DSF, DSG, DSH	1
7	XAFZZ	09680	51019G004	....DRIVER, BLK & SHAFT UOC: DSE, DSF, DSG, DSH	1
8	XAFZZ	09680	51010P004	....ROLLER, RUBBER UOC: DSE, DSF, DSG, DSH	1
9	XDFZZ	09680	10347P058	...SCREW, MACH, GEAR PLATE UOC: DSE, DSF, DSG, DSH	2
10	PBFZZ	09680	51210G001	...DISC, HARD RUBBER STUFFING BOX UOC: DSE, DSF, DSG, DSH	1
11	XDFZZ	09680	51034P002	...DISC, CHAMBER TOP STUFFING BOX UOC: DSE, DSF, DSG, DSH	1
12	XDFZZ	09680	51033P002	...DISC, CHAMBER BOTTOM, STUFF BOX WASHER UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
13	PAFZZ	09680	51032P045	...DIAPHRAGM UOC: DSE, DSF, DSG, DSH	1
14	XAFZZ	09680	51023P033	...CASING, BOTTOM, BRONZE UOC: DSE, DSF, DSG, DSH	1
15	XAFZZ	09680	51031K017	...CASING, TOP UOC: DSE, DSF, DSG, DSH	1
16	XDFZZ	09680	51068P102	...GASKET, CASING UOC: DSE, DSF, DSG, DSH	1
17	XDFZZ	09680	15609P024	...BOLT, MACH, (CUP TO METER MTG) UOC: DSE, DSF, DSG, DSH	6
18	XDFZZ	09680	22032P042	...NUT, PLAIN, HEX (PILOT CASING) UOC: DSE, DSF, DSG, DSH	6
19	XDFZZ	09680	51027P001	...PLUG, STUFFING BOX, BRASS UOC: DSE, DSF, DSG, DSH	1
20	XDFZZ	09680	51028P002	...NUT, PLAIN, HEX (STUFFING BOX BRASS) UOC: DSE, DSF, DSG, DSH	1
21	XDFZZ	09680	51030P007	...WASHER, GRAPHITE (STUFFING BOX) UOC: DSE, DSF, DSG, DSH	1
22	PAFZZ	09680	42710P003	...PACKING, PREFORMED (STUFFING BOX WASHER) UOC: DSE, DSF, DSG, DSH	1
23	PAFZZ	09680	51026P002	...STRAINER, SUCTION STAINLESS STEEL UOC: DSE, DSF, DSG, DSH	1

END OF FIGURE

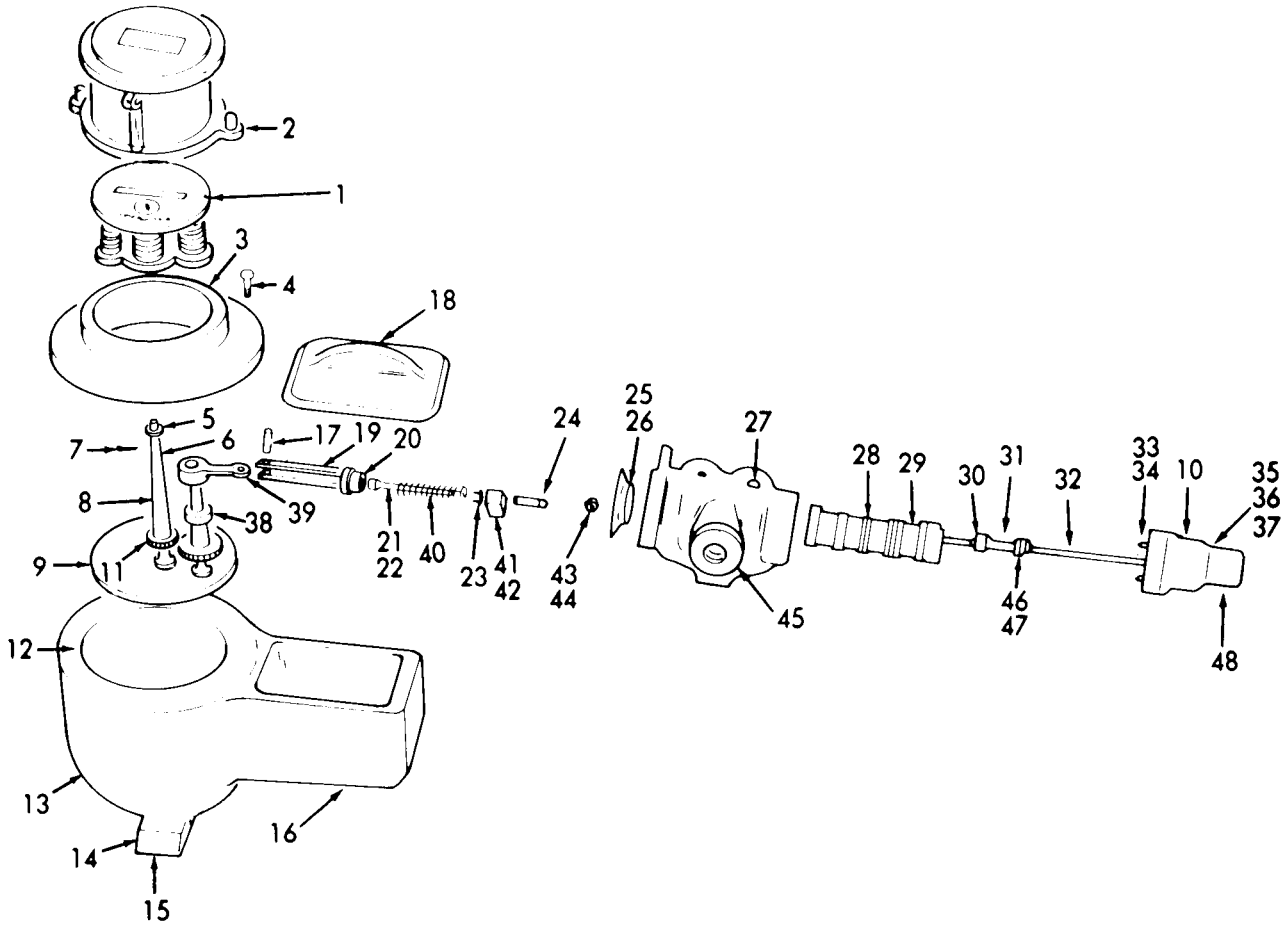


Figure 8. Pilot Valve Assembly

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 (CONT)	
				350 GPM PUMP CONNECTION KIT	
				FIG. 8 PILOT VALVE ASSEMBLY	
	PBOFF	09680	A-239391	..VALVE ASSY, PILOT UOC: DSE, DSF, DSG, DSH	1
1	XBFZZ	09680	D-805711-1	...REGISTER MECHANISM SUBASSY UOC: DSE, DSF, DSG, DSH	1
2	XAFZZ	09680	VM-8793	...BONNET UOC: DSE, DSF, DSG, DSH	1
3	XAFZZ	09680	AX-319	...COVER, GEAR, BOX UOC: DSE, DSF, DSG, DSH	1
4	PBFZZ	09680	D-814329	...SCREW, MACH, COVER MTG, NO. 10-32 UNC X 1/2-INCH LG, FIL HD	5
5	XDFZZ	09680	V-8764-B	...GEAR, DRIVE UOC: DSE, DSF, DSG, DSH	1
6	XDFZZ	09680	OA-347	...SHAFT, DRIVE UOC: DSE, DSF, DSG, DSH	1
7	XDFZZ	09680	OD-814337	...PIN COTTER, 1/16-IN DIA X 3/4-IN LG UOC: DSE, DSF, DSG, DSH	1
8	XDFZZ	09680	A-93	...BUSHING, GEAR UOC: DSE, DSF, DSG, DSH	1
9	XDFZZ	09680	BM-816100	...PLATE ASSY, GEAR UOC: DSE, DSF, DSG, DSH	1
10	XAFZZ	09680	A-48	...GEAR, BOX UOC: DSE, DSF, DSG, DSH	2
				END OF FIGURE	

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
11	XDFZZ	09680	D-814349	...WASHER, LOCK NO 10, INT TOOTH UOC: DSE, DSF, DSG, DSH	1	
12	XDFZZ	09680	A-326	...GASKET, COVER UOC: DSE, DSF, DSG, DSH	1	
13	XDFZZ	09680	D-814339	...PLUG, PIPE UOC: DSE, DSF, DSG, DSH	1	
14	XDFZZ	09680	D-814336	...SETSCREW, SOCKET, NO 10-32 UNC X 3/8-IN LG UOC: DSE, DSF, DSG, DSH	1	
15	XDFZZ	09680	A-329	...CONNECTION, PIN UOC: DSE, DSF, DSG, DSH	1	
16	XDFZZ	09680	OAX-325	...BOX, GEAR UOC: DSE, DSF, DSG, DSH	1	
17	XDFZZ	09680	A-333	...PIN, STRAIGHT, CRANK ARM UOC: DSE, DSF, DSG, DSH	1	
18	XDFZZ	09680	AX-327	...COVER, YOKE UOC: DSE, DSF, DSG, DSH	1	
19	XDFZZ	09680	A-334	...SLEEVE, SPRING LINK UOC: DSE, DSF, DSG, DSH	1	
20	XDFZZ	09680	A-336	...NUT, LOCK, SPRING LINK UOC: DSE, DSF, DSG, DSH	1	
21	XDFZZ	09680	A-337	...SCREW, SPRING UOC: DSE, DSF, DSG, DSH	1	
22	XDFZZ	09680	D-814332	...WASHER, FLAT, NO 10 UOC: DSE, DSF, DSG, DSH	1	
23	XDFZZ	09680	A-335	...CAP, SPRING LINK UOC: DSE, DSF, DSG, DSH	1	
24	XDFZZ	09680	A-339	...COUPLING, SPRING LINK UOC: DSE, DSF, DSG, DSH	1	

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
25	XDFZZ	09680	C-287	...CAP, VALVE HOUSING UOC: DSE, DSF, DSG, DSH	1
26	XDFZZ	09680	C-278	...GASKET, VALVE HOUSING UOC: DSE, DSF, DSG, DSH	2
27	XDFZZ	09680	D-814323	...PLUG, PIPE, 3/8-IN UOC: DSE, DSF, DSG, DSH	1
28	XDFZZ	09680	413-0568-210	...PACKING, PREFORMED, BUNAN 3/4-IN ID X 1/IN OD, O-RING UOC: DSE, DSF, DSG, DSH	4
29	XDFZZ	09680	C-288-P9T	...SLEEVE, VALVE UOC: DSE, DSF, DSG, DSH	1
30	XDFZZ	09680	C-814392	...WASHER, SPRING UOC: DSE, DSF, DSG, DSH	1
31	XDFZZ	09680	C-273-P9	...SLUG, VALVE UOC: DSE, DSF, DSG, DSH	1
32	XDFZZ	09680	C-290	...ROD, VALVE UOC: DSE, DSF, DSG, DSH	1
33	XDFZZ	09680	C-278	...GASKET, VALVE HOUSING UOC: DSE, DSF, DSG, DSH	1
34	XDFZZ	09680	D-814331	...SCREW, MACHINE, NO 8-32 UOC: DSE, DSF, DSG, DSH	2
35	XDFZZ	09680	C-289	...CAP, LOAD SPRING UOC: DSE, DSF, DSG, DSH	1
36	XDFZZ	09680	D-814330	...SCREW, MACH, NO. 8-32 UNCX 1-1/4 IN LG, FIL HD UOC: DSE, DSF, DSG, DSH	4
37	XDFZZ	09680	D-213614	...CAP, END UOC: DSE, DSF, DSG, DSH	1
38	XDFZZ	09680	A-330-1	...CRANK UOC: DSE, DSF, DSG, DSH	1
39	XDFZZ	09680	OAX-332	...ARM ASSY, CRANK UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
40	XDFZZ	09680	DS-46-37	...SPRING UOC: DSE, DSF, DSG, DSH	1
41	XDFZZ	09680	A-338	...COLLAR, SPRING SCREW UOC: DSE, DSF, DSG, DSH	1
42	XDFZZ	09680	D-814335	...WASHER, LOCK, INT TOOTH NO. 5 UOC: DSE, DSF, DSG, DSH	1
43	XDFZZ	09680	C-277	...NUT, LOCK ROD UOC: DSE, DSF, DSG, DSH	1
44	XDFZZ	09680	D-814334	...SCREW, MACH, NO 8-32 UNCX 3/8-IN LG, FIL HD UOC: DSE, DSF, DSG, DSH	4
45	XDFZZ	09680	CX-271-1	...HOUSING, VALVE UOC: DSE, DSF, DSG, DSH	1
46	XDFZZ	09680	5133-18	...RING, RETAINER UOC: DSE, DSF, DSG, DSH	1
47	XDFZZ	09680	D-814332	...WASHER, FLAT, NO. 10 UOC: DSE, DSF, DSG, DSH	2
48	XDFZZ	09680		...SCREW, BONNET UOC: DSE, DSF, DSG, DSH	2

END OF FIGURE

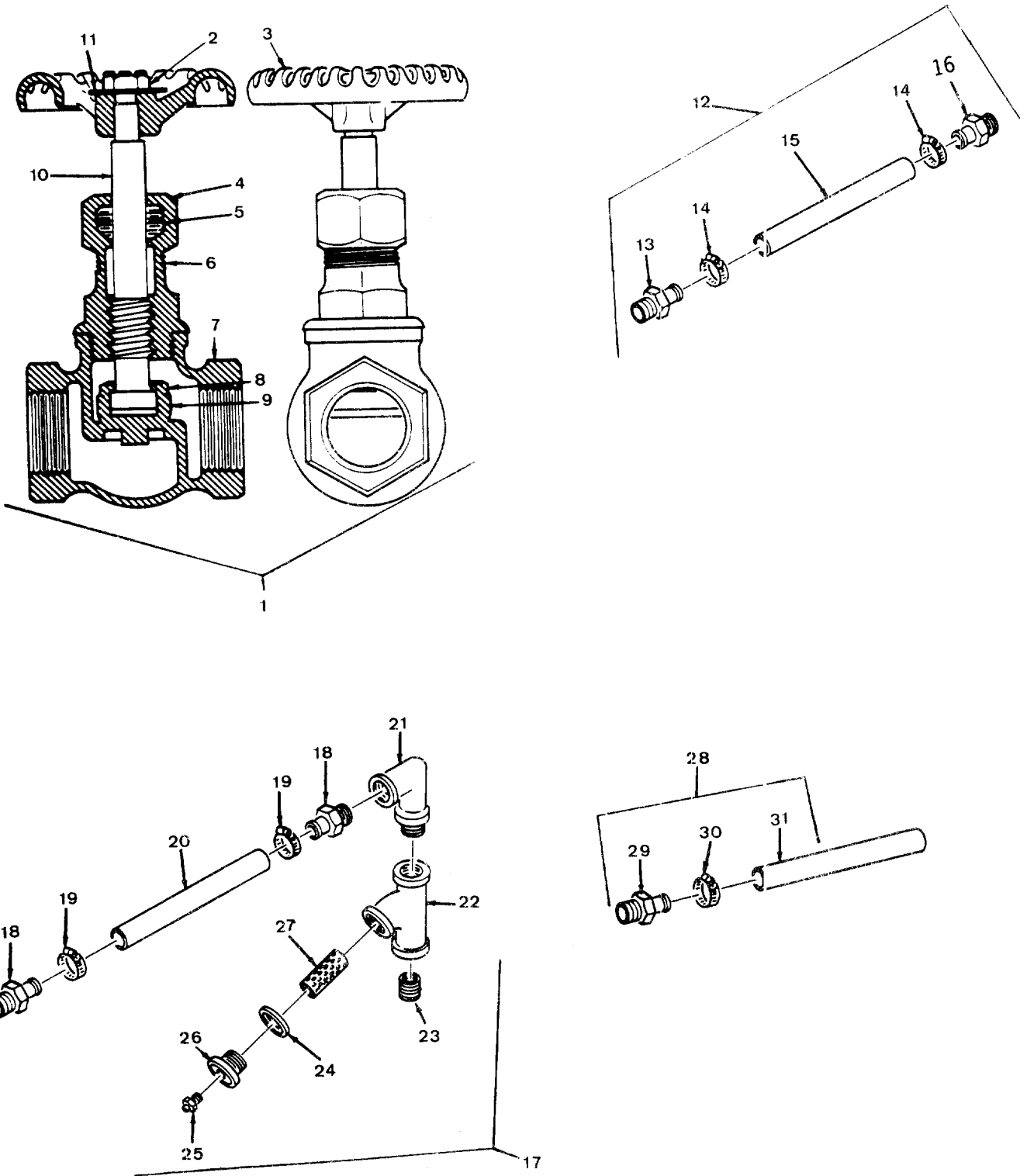


Figure 9. Globe Valve and Hose Assembly

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 (CONT)	
				350 GPM PUMP CONNECTION KIT	
				FIG. 9 GLOBE VALVE AND HOSE ASSEMBLY	
1	PBOZZ	21368	045	..VALVE ASSY, GLOBE, 2-IN UOC: DSE, DSF, DSG, DSH	1
2	XAOZZ	21368	045-9	..NUT, HANDWHEEL UOC: DSE, DSF, DSG, DSH	1
3	XAOZZ	21368	045-8	...HANDWHEEL UOC: DSE, DSF, DSG, DSH	1
4	XAOZZ	21368	045-6	...NUT, PACKING UOC: DSE, DSF, DSG, DSH	1
5	XAOZZ	21368	045-7	...PACKING, PREFORMED UOC: DSE, DSF, DSG, DSH	1
6	XAOZZ	21368	045-2	...BONNET, VALVE UOC: DSE, DSF, DSG, DSH	1
7	XAOZZ	21368	045-1	...BODY, VALVE UOC: DSE, DSF, DSG, DSH	1
8	XAOZZ	21368	045-4	...NUT, LOCK DISC UOC: DSE, DSF, DSG, DSH	1
9	XAOZZ	21368	045-5	...DISC, VALVE UOC: DSE, DSF, DSG, DSH	1
10	XAOZZ	21368	045-3	...STEM, VALVE UOC: DSE, DSF, DSG, DSH	1
11	XAOZZ	21368	045-10	...PLATE, VALVE UOC: DSE, DSF, DSG, DSH	1
12	XDOOO	09680	D-239381	...HOSE ASSY, OUTLET UOC: DSE, DSF, DSG, DSH	1
13	XDOZZ	09680	KF06-06PS	...CONNECTOR, HOSE UOC: DSE, DSF, DSG, DSH	1
14	PBOZZ	09680	416-3391-001	...CLAMP, HOSE, 3/8-IN UOC: DSE, DSF, DSG, DSH	2

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
15	PAOZZ	09680	D-239386-3	...TUBING, R-15 UOC: DSE, DSF, DSG, DSH	1
16	XDOZZ	09680	KFO6-04PS	...CONNECTOR, HOSE UOC: DSE, DSF, DSG, DSH	1
17	XDOZZ	09680	D-239384	...HOSE ASSY, INLET UOC: DSE, DSF, DSG, DSH	1
18	XDOZZ	09680	KFO6-08PS	...CONNECTOR, HOSE UOC: DSE, DSF, DSG, DSH	2
19	PBOZZ	09680	416-3391-001	...CLAMP, HOSE, 3/8-IN UOC: DSE, DSF, DSG, DSH	2
20	PAOZZ	09680	D-239386-6	...TUBING, R-15 UOC: DSE, DSF, DSG, DSH	1
21	XDOZZ	09680	D-814313	...ELBOW, STREET, 1/2-IN UOC: DSE, DSF, DSG, DSH	1
22	XDOZZ	09680	S-8	...BODY, STRAINER UOC: DSE, DSF, DSG, DSH	1
23	XDOZZ	09680	D-814314	...NIPPLE, CLOSE, 1/2-NPT UOC: DSE, DSF, DSG, DSH	1
24	PAOZZ	09680	S-4	...GASKET UOC: DSE, DSF, DSG, DSH	1
25	XDOZZ	09680	D-814323	...PLUG, PIPE. SQ HD UOC: DSE, DSF, DSG, DSH	1
26	XDOZZ	09680	S-3	...CAP, STRAINER UOC: DSE, DSF, DSG, DSH	1
27	PBOZZ	09680	S-5	...STRAINER, SCREEN UOC: DSE, DSF, DSG, DSH	1
28	XDOOO	09680	D-239382	...HOSE ASSY, DRAIN UOC: DSE, DSF, DSG, DSH	1
29	XDOZZ	09680	KF12-08PS	...CONNECTOR, HOSE, 3/4 X 1/2 NPT UOC: DSE, DSF, DSG, DSH	1
30	PBOZZ	09680	416-3391-003	...CLAMP, HOSE, 1/2-IN UOC: DSE, DSF, DSG, DSH	1
31	PAOZZ	09680	B-712	...HOSE, 3/4-IN DIA UOC: DSE, DSF, DSG, DSH	1

END OF FIGURE

TM 5-4610-228-23P
TM 08846A-13/2

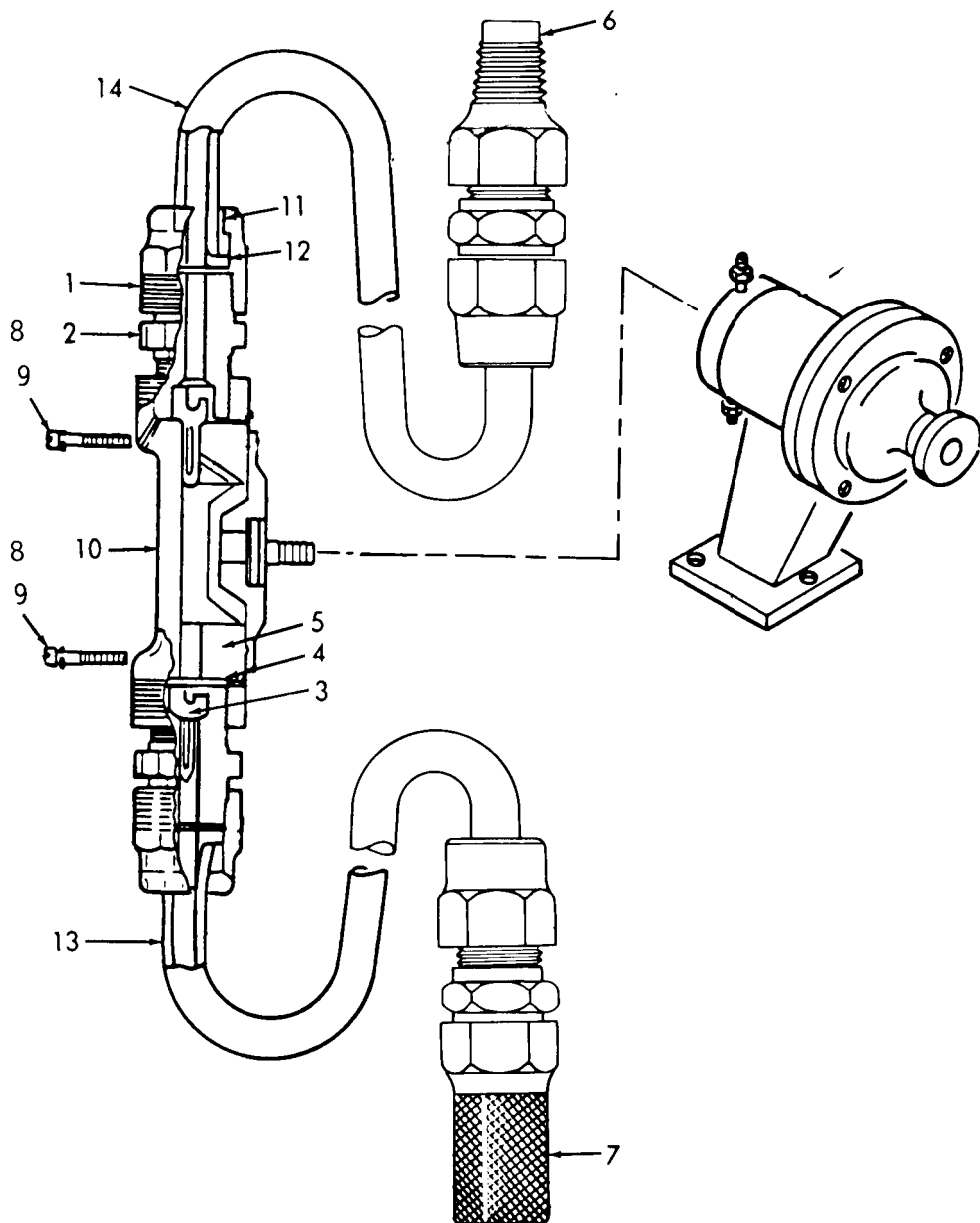


Figure 10. Reagent Head Assy

(1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4610-228-23P TM08846A-13/2 PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 03 (CONT) 350 GPM PUMP CONNECTION KIT FIG. 10 REAGENT HEAD ASSY	
	XDOFF	71229	805286-3	..HEAD ASSY, REAGENT UOC: DSE, DSF, DSG, DSH	1
1	PBFZZ	09680	F-921-1	...NUT, TUBE UOC: DSE, DSF, DSG, DSH	4
2	PBFZZ	09680	G-1197-3	...BODY, CHECK UOC: DSE, DSF, DSG, DSH	4
3	PBFZZ	09680	D-806515-3	...TIT, CHECK VALVE UOC: DSE, DSF, DSG, DSH	4
4	PBFZZ	09680	D-812699-1	...WASHER, CHECK VALVE UOC: DSE, DSF, DSG, DSH	7
5	XDFZZ	09680	B-805285-2	...HEAD, LIQUID UOC: DSE, DSF, DSG, DSH	1
6	XDFZZ	09680	G-856-6	...HEAD, INJECTION, NOZZLE UOC: DSE, DSF, DSG, DSH	1
7	PBFZZ	09680	G-855	...CUP, STRAINER UOC: DSE, DSF, DSG, DSH	1
8	PBFZZ	09680	D-814352	...SCREW, MACH. NO. 10-32, 1-IN LG, FIL HD	8
9	PBFZZ	09680	F-11	...WASHER UOC: DSE, DSF, DSG, DSH	8
10	PBFZZ	09680	OF-726-V	...DIAPHRAGM UOC: DSE, DSF, DSG, DSH	1
11	PBFZZ	09680	F-920-BK	...FERRULE, TUBE UOC: DSE, DSF, DSG, DSH	4
12	XDFZZ	09680	G-854	...NIPPLE, FLARING UOC: DSE, DSF, DSG, DSH	4
13	PAFZZ	09680	D-239386-1	...TUBING, SUCTION UOC: DSE, DSF, DSG, DSH	1

(1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4610-228-23P TM08846A-13/2 PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
14	PAFZZ	09680	D-239386-4	...TUBING, DISCHARGE UOC: DSE, DSF, DSG, DSH END OF FIGURE	1

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TM 08846A-13/2

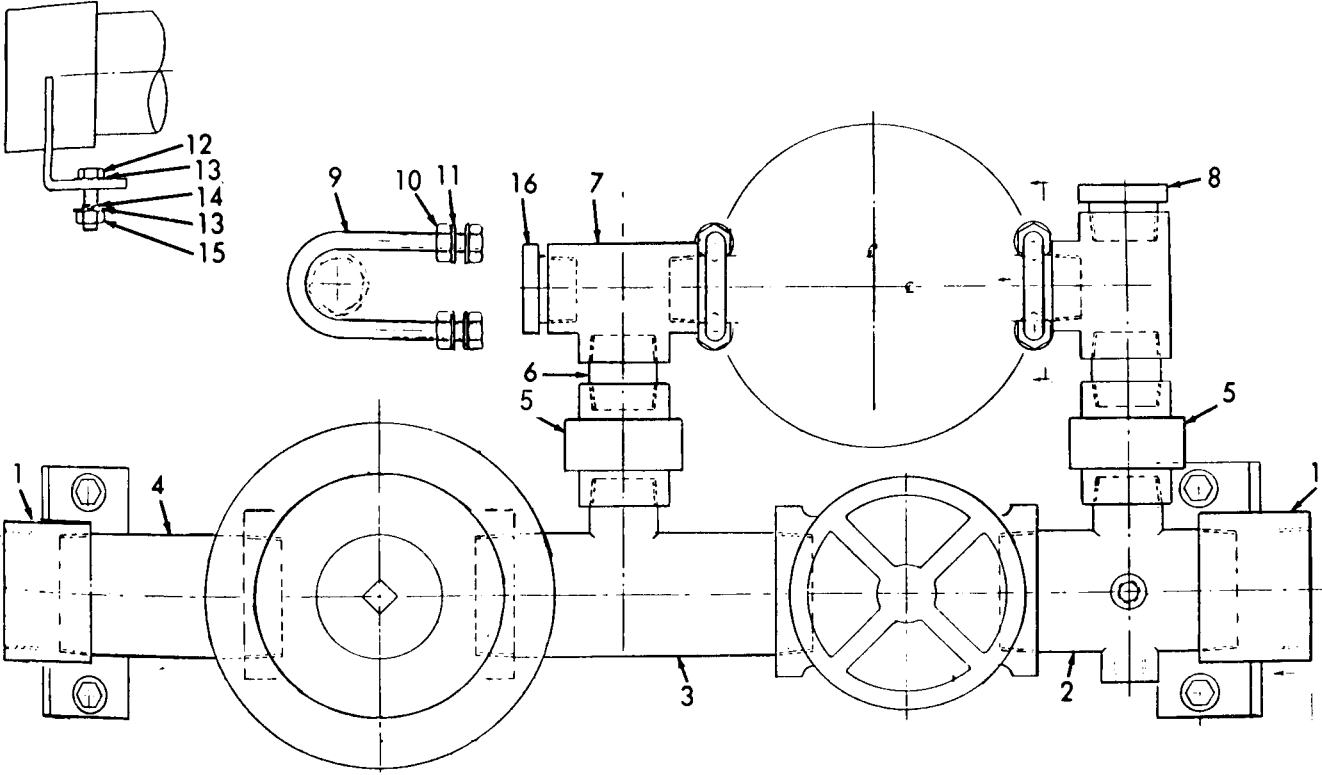


Figure 11. Manifold Assembly

(1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4610-228-23P TM08846A-13/2 PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 03 (CONT) 350 GPM PUMP CONNECTION UNIT FIG. 11 MANIFOLD ASSEMBLY	
	XDOFF	09680	A-239375	..MANIFOLD ASSY UOC: DSE, DSF, DSG, DSH	1
1	XDFZZ	09680	C239372	...COUPLING, SUPPORT UOC: DSE, DSF, DSG, DSH	2
2	XDFZZ	09680	C239374	...NIPPLE, INLET UOC: DSE, DSF, DSG, DSH	1
3	XDFZZ	09680	C239374	...NIPPLE, OUTLET UOC: DSE, DSF, DSG, DSH	1
4	XDFZZ	09680	416-3309-090	...NIPPLE, PIPE UOC: DSE, DSF, DSG, DSH	1
5	XDFZZ	09680	416-3312-006	...UNION, PIPE UOC: DSE, DSF, DSG, DSH	2
6	XDFZZ	09680	416-3309-055	...NIPPLE, CLOSE UOC: DSE, DSF, DSG, DSH	2
7	XDFZZ	09680	416-3311-006	...TEE, PIPE UOC: DSE, DSF, DSG, DSH	2
8	XDFZZ	09680	416-3301-011	...BUSHING, REDUCING UOC: DSE, DSF, DSG, DSH	1
9	XDFZZ	09680	A-239375ITEM12	...U BOLT UOC: DSE, DSF, DSG, DSH	2
10	XDFZZ	09680	417-0022-042	...NUT, PLAIN, HEX UOC: DSE, DSF, DSG, DSH	8
11	XDFZZ	09680	417-0037-057	...WASHER, FLAT UOC: DSE, DSF, DSG, DSH	8
12	XDFZZ	09680	417-0052-125	...SCREW. CAP. HEX HD UOC: DSE, DSF, DSG, DSH	4

(1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4610-228-23P TM08846A-13/2 PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
13	XDFZZ	09680	417-0037-056	...WASHER, FLAT UOC: DSE, DSF, DSG, DSH	8
14	XDFZZ	09680	417-0036-024	...WASHER, LOCK UOC: DSE, DSF, DSG, DSH	4
15	XDFZZ	09680	417-0022-026	...NUT, PLAIN, HEX UOC: DSE, DSF, DSG, DSH	4
16	XDFZZ	09680	416-3301-010	...BUSHING, REDUCING UOC: DSE, DSF, DSG, DSH	1

END OF FIGURE

TM 5-4610-228-23P
TM 08846A-13/2

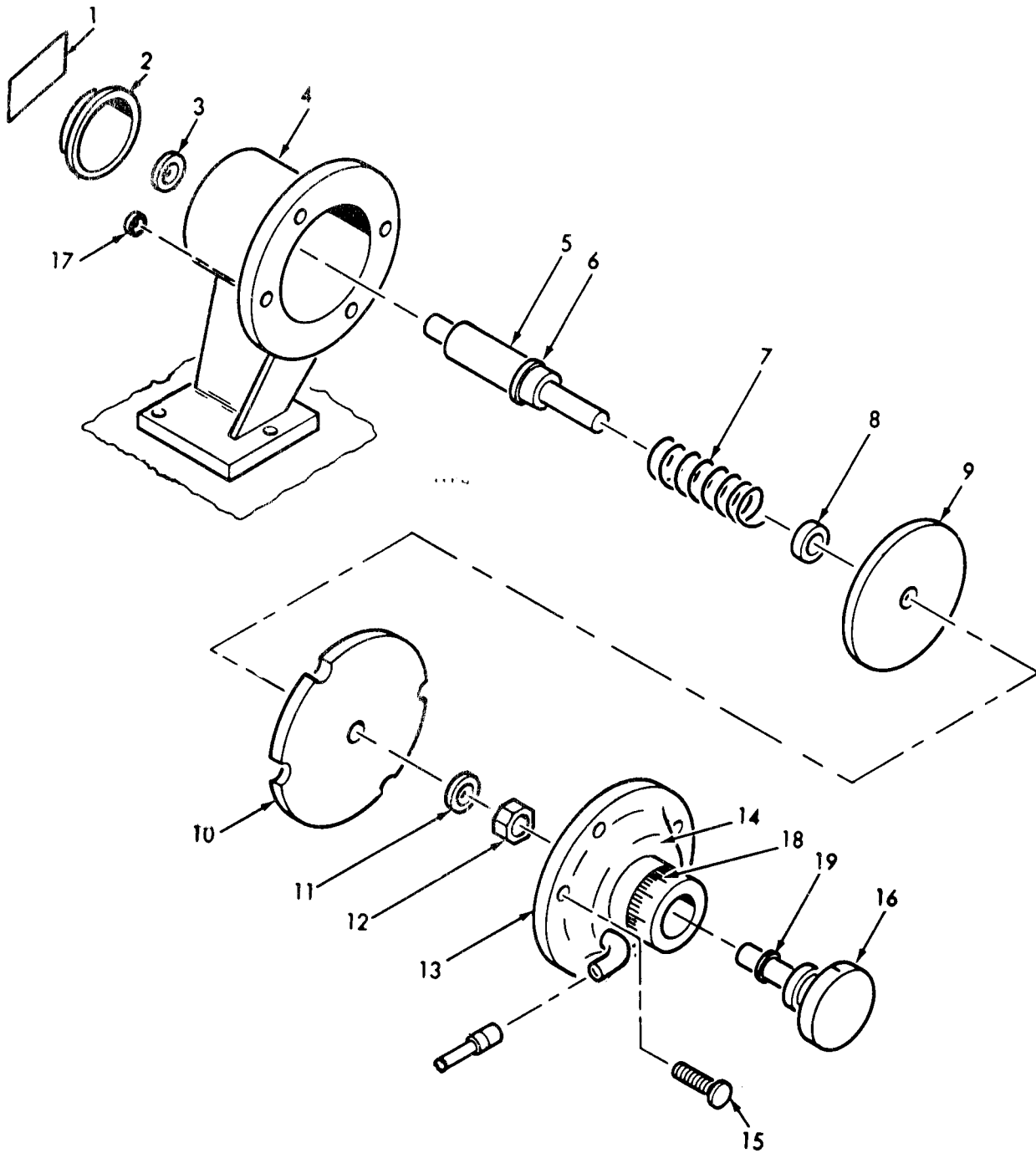


Figure 12. Feeder Assembly, Hypochlorinator Pump

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 03 (CONT) 350 GPM PUMP CONNECTION KIT FIG. 12 FEEDER ASSEMBLY, HYPOCHLORINATOR PUMP	
	XDOFF	09680	B-239387	..FEEDER ASSY, HYPOCHLORINATOR PUMP UOC: DSE, DSF, DSG, DSH	
1	XDFZZ	09680	DN-275	...PLATE, IDENT UOC: DSE, DSF, DSG, DSH	1
2	XDFZZ	09680	F-721	...PLATE, DIAPHRAGM PUSH UOC: DSE, DSF, DSG, DSH	1
3	XDFZZ	09680	D-814317	...WASHER, FLAT UOC: DSE, DSF, DSG, DSH	1
4	XDFZZ	09680	A-813003	...FRAME UOC: DSE, DSF, DSG, DSH	1
5	XDFZZ	09680	D-813173	...ROD, PUSH UOC: DSE, DSF, DSG, DSH	1
6	XDFZZ	09680	413-0568-012	...PACKING, PREFORMED UOC: DSE, DSF, DSG, DSH	1
7	XDFZZ	09680	DS-46-134	...SPRING UOC: DSE, DSF, DSG, DSH	1
8	XDFZZ	09680	D-813672	...SPACER, SPRING UOC: DSE, DSF, DSG, DSH	1
9	XDFZZ	09680	D-813212	...WASHER, CLAMPING UOC: DSE, DSF, DSG, DSH	1
10	PBFZZ	09680	H-18-1	...DIAPHRAGM, IMPULSE UOC: DSE, DSF, DSG, DSH	1
11	XDFZZ	09680	D-814316	...WASHER, FLAT UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
12	XDFZZ	09680	D-814354	...NUT, FLEXLOCK UOC: DSE, DSF, DSG, DSH	1	
13	XDFZZ	09680	D-813205	...CAP, DIAPHRAGM UOC: DSE, DSF, DSG, DSH	1	
14	XDFZZ	09680	D-813209	...VENT, AIR UOC: DSE, DSF, DSG, DSH	1	
15	PBFZZ	09680	D-814397	...SCREW, MACH, 1/4-20 X 1-1/8-IN LG, HEX HD UOC: DSE, DSF, DSG, DSH	4	
16	XDFZZ	09680	D-813172	...KNOB UOC: DSE, DSF, DSG, DSH	1	
17	PBFZZ	09680	D-814353	...NUT, SQUARE, 1/4-20 UOC: DSE, DSF, DSG, DSH	4	
18	XDFZZ	09680	D-813203	...SCALE, MICROMETER UOC: DSE, DSF, DSG, DSH	1	
19	PAFZZ	09680	413-0568-012	...PACKING, PREFORMED, 3/8 ID X 1/2 OD UOC: DSE, DSF, DSG, DSH	1	

END OF FIGURE

TM 5-4610-228-23P
TM 08846A-13/2

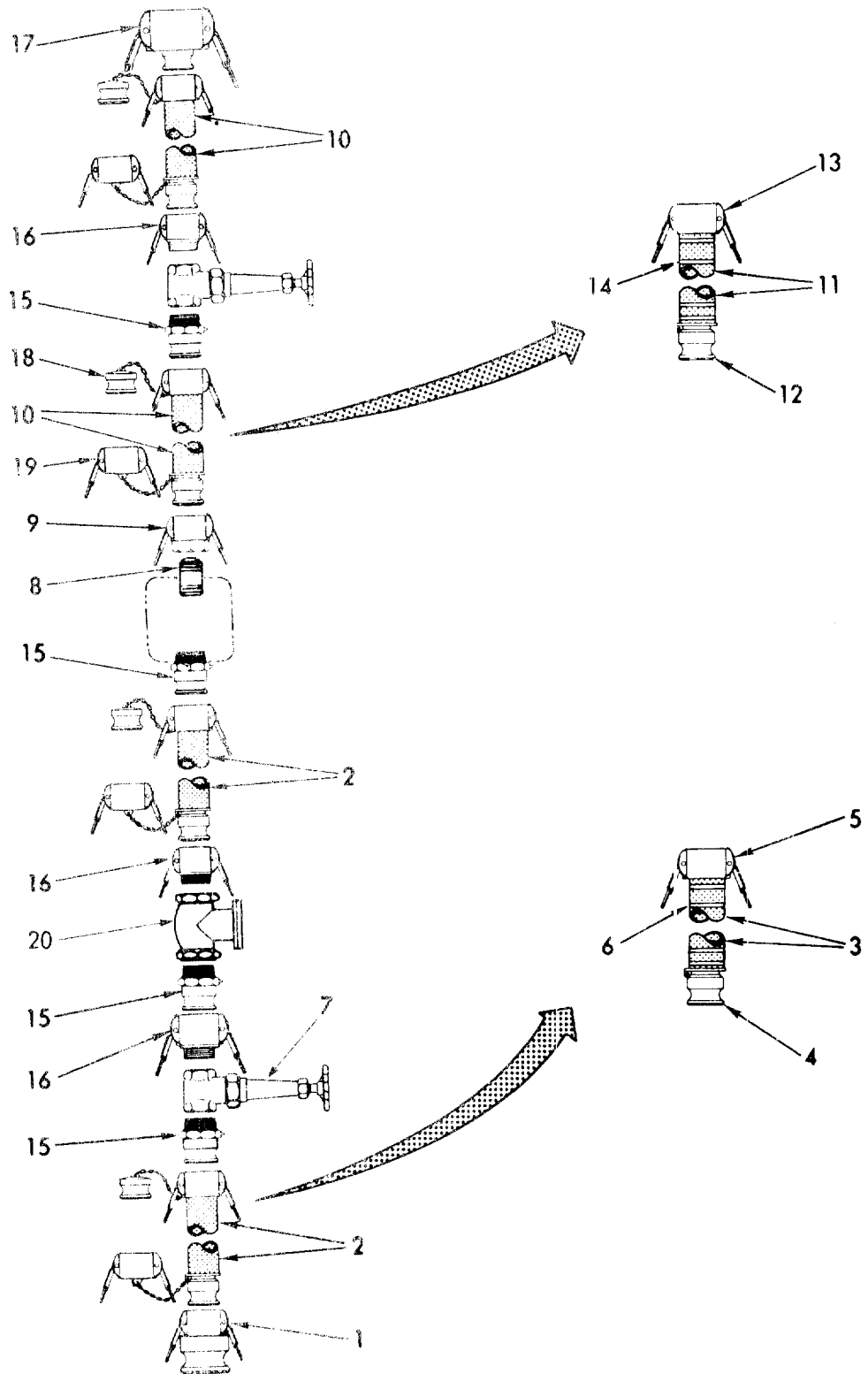


Figure 13. 125 GPM Pump Connection Kit

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 04 125 GPM PUMP CONNECTION UNIT FIG. 13 125 GPM PUMP CONNECTION KIT	
	PDOOO	97403	13225E9113	CONNECTION KIT, 125 GPM PUMP	1
1	PBOZZ	96906	MS49000-19	.REDUCER, CAM-LOCK, FEMALE TO MALE, QUIK-DISC, TY XI, 2-IN X 4-IN NOM SZ	1
2	PAOOO	97403	13225E9136-2	.HOSE ASSY, DISCH, 20-FT-LG	2
3	MOOZZ	81348	ZZ-H-601, GR3, CL2, 2IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR3, CL2, 2IN	1
4	PBOZZ	96906	MS27021-11	..COUPLING, HALF, MALE, HOSE SHANK 2-IN, QUIC-DISC	1
5	PBOZZ	96906	MS27025-11	..COUPLING HALF, QUIK-DISC FEMALE, 2-IN	1
6	PBOZZ	70847	J230	..CLAMP, HOSE	4
7	PBOZZ	76364	1151	.VALVE, GATE, 2-IN NOM SZ BRONZE, INT NPT (SEE FIG. 14 FOR BREAKDOWN)	2
8	PBOZZ	96906	MS51846-152	.NIPPLE, PIPE STD, BRASS OR COPPER, EXT PIPE THD, 2-IN NOM SZ	1
9	PBOZZ	96906	MS27024-11	.COUPLING HALF, QUIK-DISC, CAM-LOCK, FEMALE, INT PIPE THD, TY V, 2-IN	1
10	PBOOO	97403	13225E9135-2	.HOSE ASSY, SUCTION, 20-FT-LG 2-IN DIA	2
11	MOOZZ	81348	ZZ-H-561, GRADE A,CL2, 2IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-561, GRASSTLA,CL2TY2, 2IN	20

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
12	PBOZZ	96906	MS27021-11	..COUPLING HALF, QUIK-DISC, MALE, 2-IN, HOSE SHANK	1
13	PBOZZ	96906	MS27025-11	..COUPLING HALF, QUIK-DISC FEMALE, 2-IN, HOSE SHANK	1
14	PBOZZ	70847	J230	..CLAMP, HOSE	4
15	PBOZZ	96906	MS27022-11	.COUPLING HALF, QUIK-DISC CAM-LOCK, MALE, EXT PIPE THD, TY III, AUM, 2-IN	4
16	PBOZZ	96906	MS27026-11	.COUPLING HALF, QUIK-DISC CAM-LOCK, FEMALE, INT PIPE THD, TY II, 2-IN	3
17	PBOZZ	96906	MS49000-17	.REDUCER, FEMALE TO MALE, QUIK-DISC, CAM-LOCK, TY XI, 4 TO 2 IN NOM SZ, ALUM	1
18	PBOZZ	97403	13225E9113-10	.VALVE, CHECK, 2-IN, BRONZE, (SEE FIG. 15 FOR BREAKDOWN)	1
19	PBOZZ	96906	MS27029-11	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 2-IN	4
20	PBOZZ	96906	MS27028-11	.CAP, PROTECTIVE, DUST CAM-LOCK, TY IX, 2-IN	4

END OF FIGURE

TM 5-4610-228-23P
TM 08846A-13/2

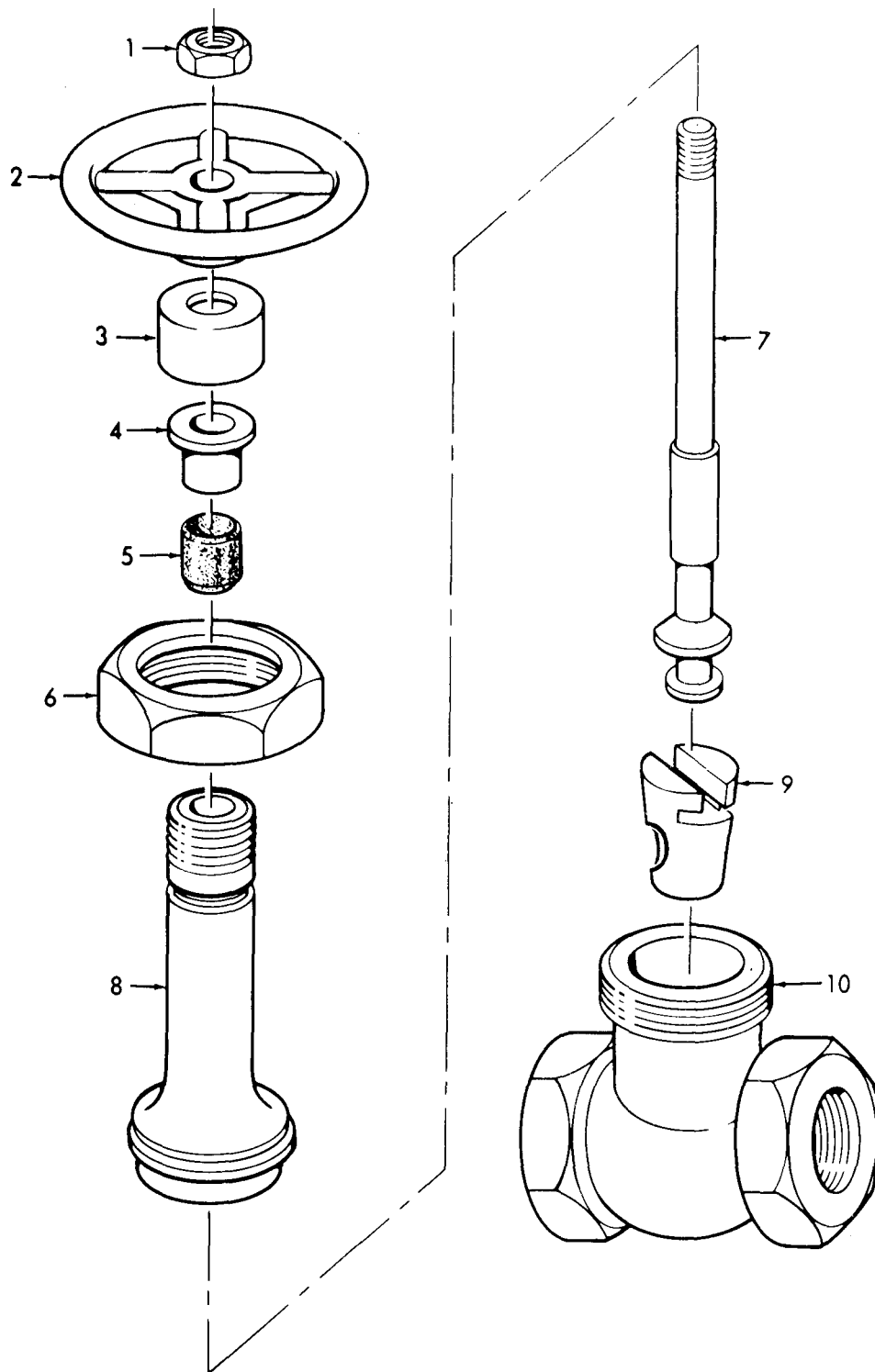


Figure 14. Gate Valve Assembly, 2-Inch

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 04 (CONT)	
				125 GPM PUMP CONNECTION UNIT	
				FIG 14 GATE VALVE ASSEMBLY, 2-INCH	
				(SEE FIG. 13 ITEM 7 FOR NHA)	
	PBOZZ	76364	1151	.VALVE, GATE, 2-IN NOM SZ, BRONZE, INT NPT	2
1	XAOZZ	76364	311K	..NUT, HANDWHEEL	1
2	PAFZZ	76364	7660-H	..HANDWHEEL	1
3	XAOZZ	76364	282H	..NUT, PACKING	2
4	XAOZZ	76364	36395J	..GLAND	1
5	XAOZZ	76364	65103J	..PACKING	1
6	XAOZZ	76364	32105J	..NUT, UNION BONNET	1
7	XAOZZ	76364	26148J	..STEM	1
8	XAOZZ	76364	2328J	..BONNET	1
9	XAOZZ	76364	4310J	..DISC, WEDGE	1
10	XAOZZ	76364	210-4-J	..BODY	1
				END OF FIGURE	

TM 5-4610-228-23P
TM 08846A-13/2

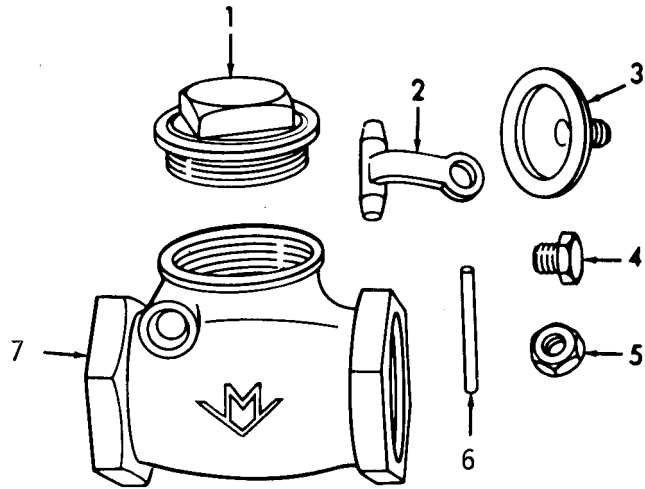


Figure 15. Check Valve Assy, 2-Inch

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 04 (CONT)	
				125 GPM PUMP CONNECTION UNIT	
				FIG. 15 CHECK VALVE ASSY, 2-INCH	
				(SEE FIG. 13 ITEM 18 FOR NHA)	
	PAOZZ	97403	13225E9113-10	.VALVE, CHECK, 2-IN	1
1	PAOZZ	76364	4046J	..CAP, VALVE	1
2	XAOZZ	76364	4404J	..LEVER, VALVE, STAINLESS STEEL	1
3	XAOZZ	76364	3892J	..DISC, BRONZE	1
4	XAOZZ	76364	4210J	..PLUG, VALVE	1
5	XAOZZ	76364	52109-37	..NUT	1
6	XAOZZ	76364	5921H	..PIN, VALVE	1
7	XAOZZ	76364	1516-J	..BODY, VALVE	1
				END OF FIGURE	

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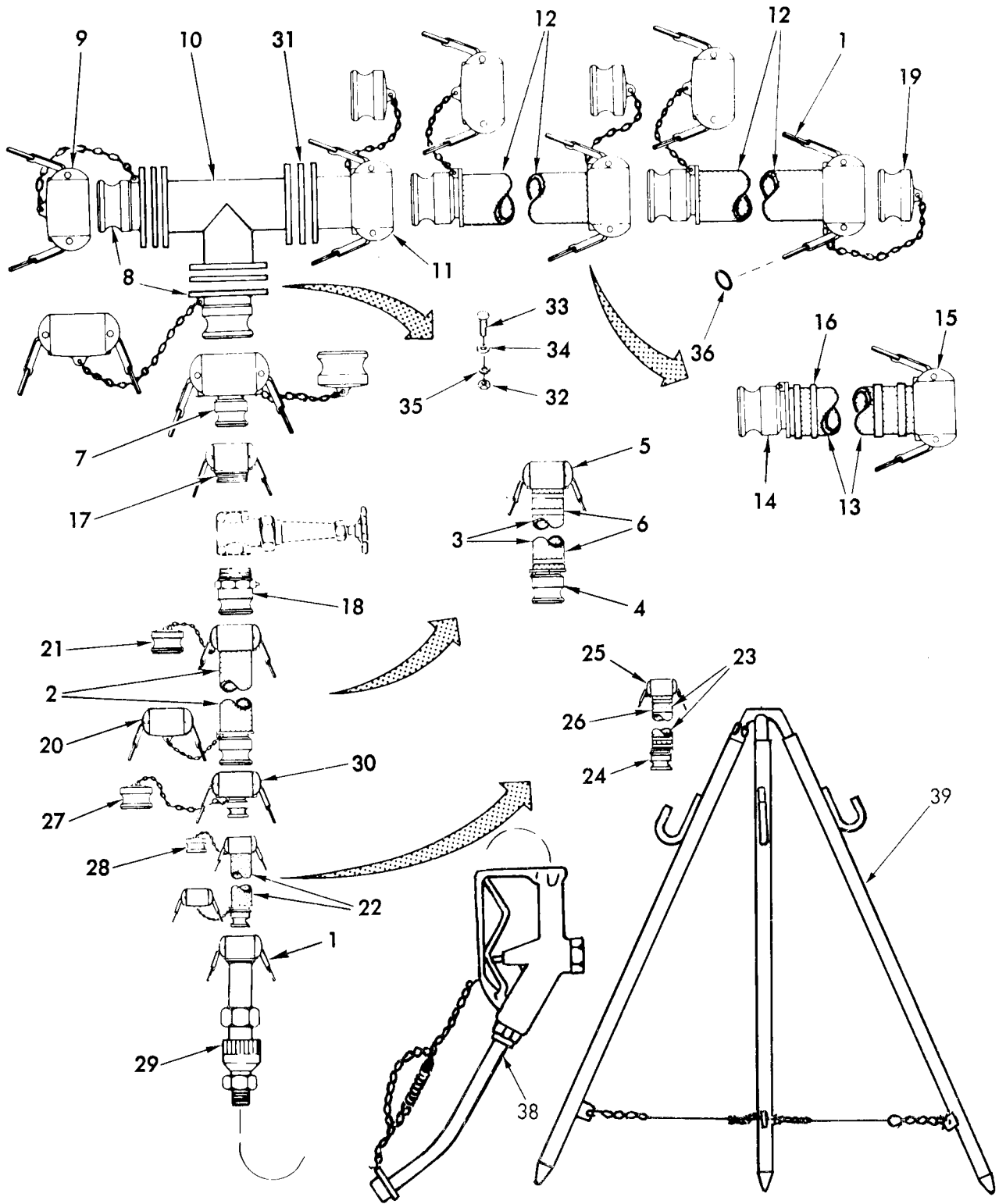


Figure 16. Hose Nozzle Connection Kit

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 05	
				HOSE NOZZLE CONNECTION KIT	
				FIG. 16 HOSE NOZZLE CONNECTION KIT	
	PDOFF	97403	13225E9117-000	CONNECTION ASSY, HOSE ASSY	
1	PBOZZ	96906	MS27026-9	.COUPLING HALF, QUIK-DISC CAM-LOCK, FEMALE, INT PIPE THD, 1-1/2 SZ, TY VII	1
2	PBOOO	97403	13225E9136-2	.HOSE ASSY, 2-IN DIA, 20-FT-LG	1
3	MOOZZ	81348	ZZ-H-601, GRADE 3 CLASS 2, 2IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GRD3, CL2, 2IN	1
4	PBOZZ	96906	MS27021-11	..COUPLING HALF, MALE, HOSE SHANK 2-IN, QUIK-DISC	1
5	PBOZZ	96906	MS27025-11	..COUPLING HALF, QUIK-DISC, FEMALE, HOSE SHANK, 2-IN	1
6	PBOZZ	70847	J230	..CLAMP, HOSE, BANDIT	4
7	PBOZZ	96906	MS49000-17	.REDUCER, FEMALE TO MALE, QUIK-DISC, CAM-LOCK, TY XI, 4 X 2-IN NOM SZ	1
8	PBOZZ	96906	MS27023-17	.COUPLING, HALF, QUIK-DISC, CAM-LOCK, MALE, FLANGED, ALUM, 4-IN	2
9	PBOZZ	96906	MS27028-17	.CAP, QUIK-DISC, CAM-LOCK DUST, TY IX, ALUM, 4-IN	9
10	XDOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, ALUM, 4-IN	1

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
11	PBOZZ	96906	MS27027-17	.COUPLING HALF, QUIK-DISC, CAM-LOCK, FEMALE, FLANGED, TY VIII, 4-IN		1
12	PBOOO	97402	13225E9136-4	.HOSE ASSY, DISCH		2
13	MOOZZ	81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR3, CL2, 4IN		1
14	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, MALE, HOSE SHANK		2
15	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE FEMALE, HOSE SHANK		2
16	PBOZZ	70847	J215	..CLAMP, HOSE		4
17	PBOZZ	96906	MS27026-11	.COUPLING HALF, QUIK-DISC, CAM-LOCK, FEMALE, INT PIPE THD, 2-IN, TY VII		4
18	PBOZZ	96906	MS27022-11	.COUPLING HALF, QUIK-DISC, CAM-LOCK, MALE, EXT PIPE THD, TY III, ALUM, 2-IN		1
19	PBOZZ	96906	MS27029-17	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 4-IN		2
20	PBOZZ	96906	MS27028-11	.CAP, PROTECTIVE, DUST CAM-LOCK, TY IX, 2-IN		1
21	PBOZZ	96906	MS27029-11	.PLUG, QUIK-DISC CAM-LOCK DUST, TYPE X, 2-IN		1
22	PBOOO	97403	13325E9136-11	.HOSE ASSY, DISCH, 1-1/2 IN, 25-FT-LG		1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
23	MOOZZ	81348	ZZ-H-601, GRADE 3, CLASS2, 1-1/2IN X 25 FT	..HOSE, RUBBER, DESERT SAND, 25-FT-LG MFD FROM P/N ZZ-H-601, GR3, CL2, 1-1/2IN	1
24	PBOZZ	96906	MS27021-9	..COUPLING HALF, QUIK-DISC, MALE, HOSE SHANK, 1-1/2-IN	1
25	PBOZZ	96906	MS27025-9	..COUPLING, HALF, QUIK-DISC, FEMALE, HOSE SHANK, 1-1/2-IN	1
26	PBOZZ	70847	J308	.CLAMP, HOSE	4
27	PBOZZ	96906	MS27028-9	.CAP, DUST	
28	PBOZZ	96906	MS27029-9	.COUPLING HALF, QUIK-DISC, CAM-LOCK, PLUG, DUST, TY X MALE, 1-1/2-IN	1
29	PAOZZ	97403	13220E1069-1	.SWIVEL, HOSE, MALE TO FEMALE, 1-1/2-IN TO 1-1/2-IN, ALUM	1
30	PBOZZ	96906	MS49000-5	.REDUCER, FEMALE TO MALE, QUIK-DISC, CAM-LOCK, TY XI, 2-IN X1-1/2-IN NOM SZ	1
31	PBOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4-IN	3
32	PBOZZ	96906	MS51967-8	.NUT, PL, HEX HD, STEEL CAD, PLTD, .375-16 UNC 2B	24
33	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD, STL, CAD PLTD, .375-16 UNC 2AX 1.75 L	24
34	PBOZZ	96906	MS27183-14	.WASHER, FLAT, RND, STL, CAD PLTD, .406 BASIC ID X .812 BASIC OD	48

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
35	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL STL, CAD PLTD, .375 NOM SZ		24
36	PBOZZ	81718	H1434M	.RING, KEY, RETAINING, SPRING STL 1-IN		9
37	PBOZZ	86364	1151	.VALVE, GATE, 2-IN (SEE FIG. 14, FOR BREAKDOWN)		4
38	PBOZZ	97403	13225E9096	.NOZZLE ASSY, DISTRIBUTION, ALUM, BODY, W/SPOUT, NPT INT 1-1/2-IN (SEE FIG.17 FOR BREAKDOWN)		1
39	XDOFF	97403	13225E9140	.STAND ASSY, FUEL, NOZZLE (SEE FIG. 18 FOR BREAKDOWN)		1

END OF FIGURE

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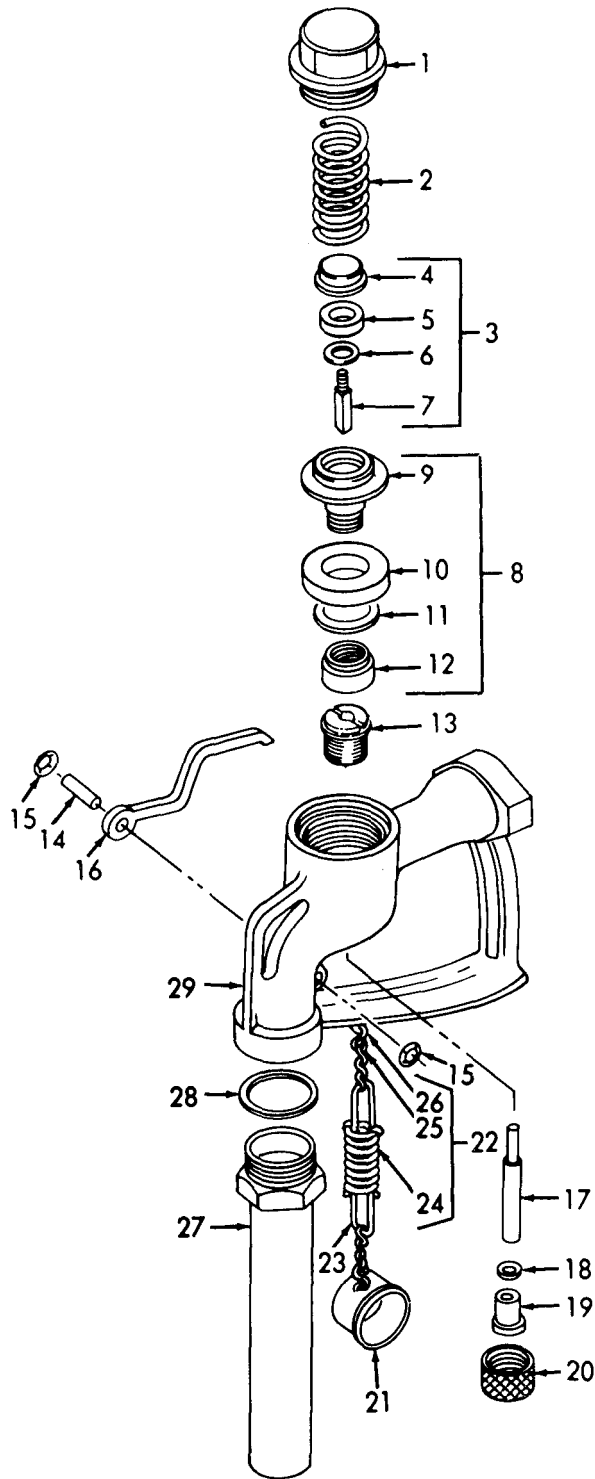


Figure 17. Hose Nozzle Assy

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 05 (CONT)	
				HOSE NOZZLE CONNECTION KIT	
				FIG. 17 HOSE NOZZLE ASSY	
				(SEE FIG. 16, ITEM 38 FOR NHA)	
	PBOFF	97403	13225E9096	.NOZZLE ASSY, DISTRIBUTION, ALUM, BODY, W/SPOUT, NPT, INT 1-1/2-IN	1
1	XDFZZ	81718	H-9600-AS	..CAP, NOZZLE	1
2	XDFZZ	81718	H-2061-M	..SPRING, HELICAL	1
3	XDFZZ	81718	H10130	..POPPET ASSY, UPR NOZZLE	1
4	XDFZZ	81718	H-305-RE	...NUT	1
5	XDFZZ	81718	H10133M	...DISC	1
6	XDFZZ	81718	H10135M	...WASHER, FLAT, DISK	1
7	XDFZZ	81718	H-534-RAS	...HOLDER, DISC, POPPET	1
8	XDFZZ	81718	H10132	..POPPET ASSY, LWR, NOZZLE	1
9	XDFZZ	81718	H1670M	...HOLDER, DISC	1
10	XDFZZ	81718	H10134-M	...DISC, POPPET	1
11	XDFZZ	81718	H-428-RAS	...WASHER, FLAT	1
12	XDFZZ	81718	H-213-RE	...NUT, DISC, POPPET	1
13	XDFZZ	81718	H-195-RE	..STUFFING BOX, NOZZLE	1
14	XDFZZ	81718	H-8164-RE	..PIN, STRAIGHT, NOZZLE	1
15	XDFZZ	81718	H-8163-M	..PUSHNUT, NOZZLE	2
16	XDFZZ	81718	H-1668-B	..LEVER, NOZZLE	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
17	XDFZZ	81718	H-538-RE	..STEM	1
18	PBFZZ	81718	H10137-M	..PACKING, PREFORMED	1
19	XDFZZ	81718	H-7012-RE	..GLAND, PACKING	1
20	XDFZZ	81718	H-113-RE	..NUT, PACKING	1
21	PBOZZ	81718	H-3804-AS	..CAP, SPOUT	1
22	PBOOA	81718	H-4446	..CHAIN ASSY, NOZZLE CAP	1
23	XDOZZ	81718	H-9210-M	...DRAWBAR	2
24	PBOZZ	81718	H-9209-M	...SPRING, COMPRESSION, CHAIN ASSY	1
25	PBOZZ	81718	H-9597-RB	...CHAIN, NOZZLE	1
26	PBOZZ	81718	H-3673-M	...HOOK, CHAIN, S	2
27	XDFFA	81718	C-3302	..SPOUT ASSY, NOZZLE	1
28	XDFFZ	81718	H1D013M	..GASKET, NOZZLE SPOUT	1
29	XDFZZ	81718	D-102-AS	..BODY, NOZZLE	1

END OF FIGURE

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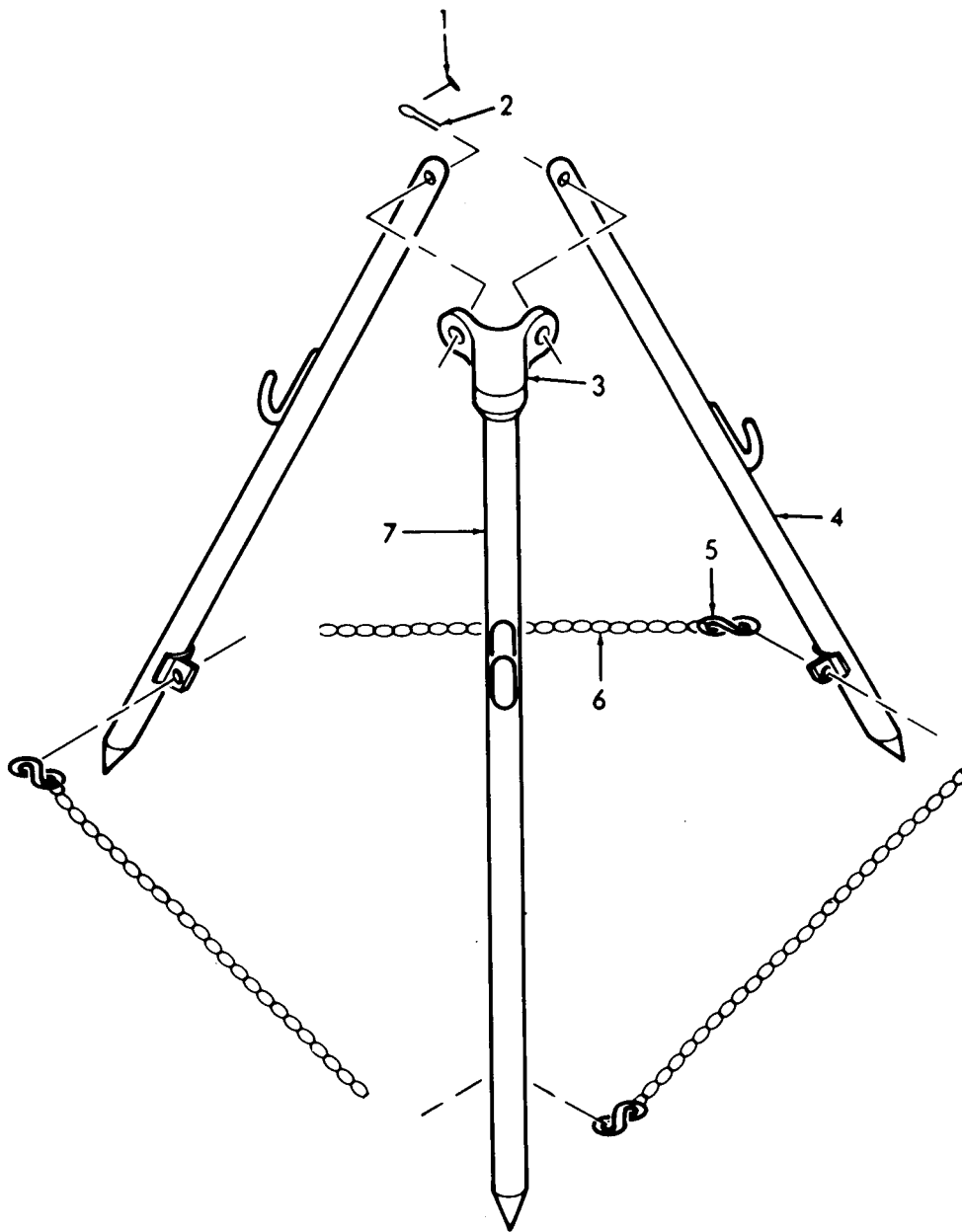


Figure 18. Stand Assembly

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 05 HOSE NOZZLE CONNECTION KIT FIG. 18 STAND ASSEMBLY (SEE FIG. 16 ITEM 39 FOR NHA)	
	XDOFF	97403	13225E9140	.STAND ASSY, FUEL, NOZZLE	1
1	PBFZZ	96906	MS20392-3C35	..PIN, STRAIGHT, HEADED	2
2	PBFZZ	96906	MS24665-134	..PIN, COTTER	2
3	XDFZZ	97403	13225E9146	..LEG, CLEVIS	1
4	XDFZZ	97403	13225E9145	..LEG, PIVOT	2
5	PBFZZ	96906	MS87006-33	..HOOK, CHAIN, S	3
6	PBFZZ	81348	RR-C-271 TRADE 35 TYPE II CLASS 3	..CHAIN, SASH	3
				END OF FIGURE	

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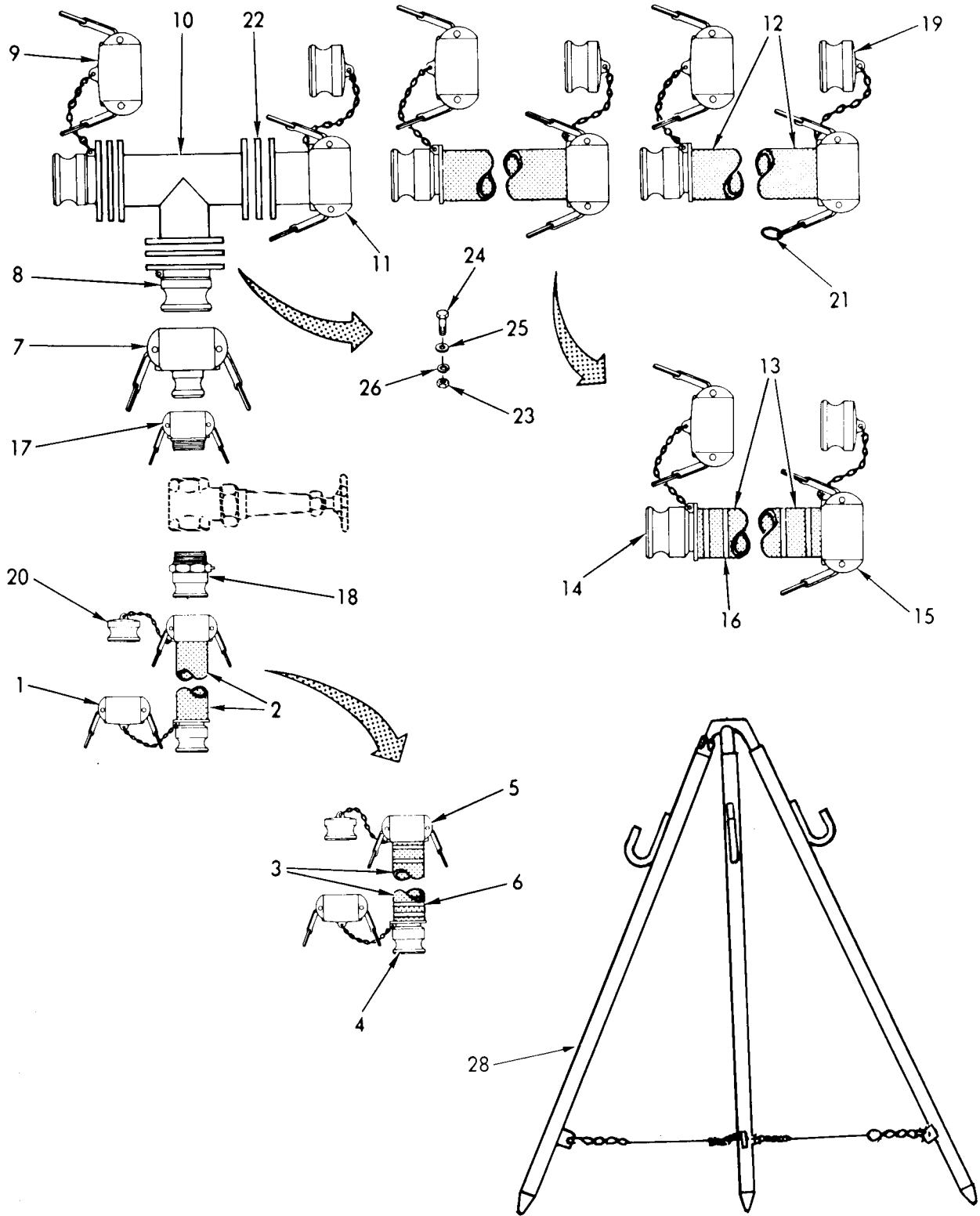


Figure 19. Hose Connection Kit, 2-Inch

(1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4610-228-23P TM08846A-13/2 PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 06 2-IN HOSE CONNECTION KIT FIG. 19 HOSE CONNECTION KIT, 2-IN	
	PDOFF	97403	13225E9132	CONNECTION ASSY, 2-INCH HOSE	3
1	PBOZZ	96906	MS27028-11	.CAP, PROTECTIVE, DUST, DISCH, CAM-LOCK, TY IX, 2-IN	1
2	PBOOO	97403	13225E9136-2	.HOSE ASSY, DISCHARGE, 20-FT-LG, 2-IN DIA	1
3	MOOZZ	81348	ZZ-H-601 GRADE3 CLASS 2, 2-IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR 3 CL2, 2 IN, COLOR DESERT SAND	1
4	PBOZZ	96906	MS27021-11	..COUPLING HALF, QUIK-DISC MALE, HOSE SHANK, 2-IN	1
5	PBOZZ	96906	MS27025-11	..COUPLING HALF, QUIK-DISC, FEMALE, 2-IN	1
6	PBOZZ	70847	J230	..CLAMP, HOSE, BAND-IT	4
7	PBOZZ	96906	MS49000-17	.REDUCER, FEMALE TO MALE, QUIK-DISC, CAM-LOCK, TY XI, 2-IN NOM SZ, ALUM	1
8	PBOZZ	96906	MS27023-17	.COUPLING HALF, QUIK-DISC, CAM-LOCK, MALE, 4-IN, TY IV, ALUM	2
9	PBOZZ	96906	MS27028-17	.CAP, FEMALE, QUIK-DISC, CAM-LOCK, TYPE IX, 4-IN, ALUM	3
10	XDOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, ALUM, 4-IN SZ	1
11	PBOZZ	96906	MS27027-17	.COUPLING, HALF, QUIK-DISC, CAM-LOCK, FEMALE, FLANGED, TY VIII, 4-IN, ALUM	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
12	PBOOO	97403	13225E9136-4	.HOSE ASSY, DISCHARGE, 4-IN DIA, 20-FT-LG	2
13	MOOZZ	81348	ZZ-H-601 GRA3, CL2, 4IN X 20FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR3,CL2, 4IN	1
14	PBOZZ	96906	MS27021-17	..COUPLING HALF, QUIK-DISC, MALE, HOSE SHANK	1
15	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, FEMALE, HOSE SHANK	1
16	PBOZZ	70847	J215	..CLAMP, HOSE	4
17	PBOZZ	96906	MS27026-11	.COUPLING HALF, QUIK-DISC, CAM-LOCK, FEMALE, INT PIPE THD, TY VII, 2-IN SZ	1
18	PBOZZ	96906	MS27022-11	.COUPLING HALF, QUIK-DISC, CAM-LOCK, MALE, EXT PIPE THD, TY III, ALUM, 2-IN	1
19	PBOZZ	96906	MS27029-17	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 4-IN	2
20	PBOZZ	96906	MS27029-11	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 2-IN	1
21	PBOZZ	81718	H1434M	.RING, RETAINING, SPRING STL, 1-IN	7
22	PBOZZ	97403	13220E1069-1	.GASKET	3
23	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STL, CAD PLTD, .375-16 UNC 2B	24
24	PBOZZ	96906	MS90725-65	.SCREW; CAP, HEX HD, STL, CAD PLTD, .375-16 UNC 2AX 1.75OL	24

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
25	PBOZZ	96906	MS27183-14	.WASHER, FLAT-RND, STL, CAD PLTD, .406 BASIC ID X .812 BASIC OD		48
26	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL, STL, CAD PLTD, .375 NOM SZ		24
27	PBOZZ	76364	1151	.VALVE, GATE, 2-IN NOM SZ, BRONZE, INT PIPE THD (SEE FIG. 14 FOR BREAKDOWN)		1
28	XDOFF	97403	13225E9140	.STAND ASSY, NOZZLE (SEE FIG. 18 FOR BREAKDOWN)		1

END OF FIGURE

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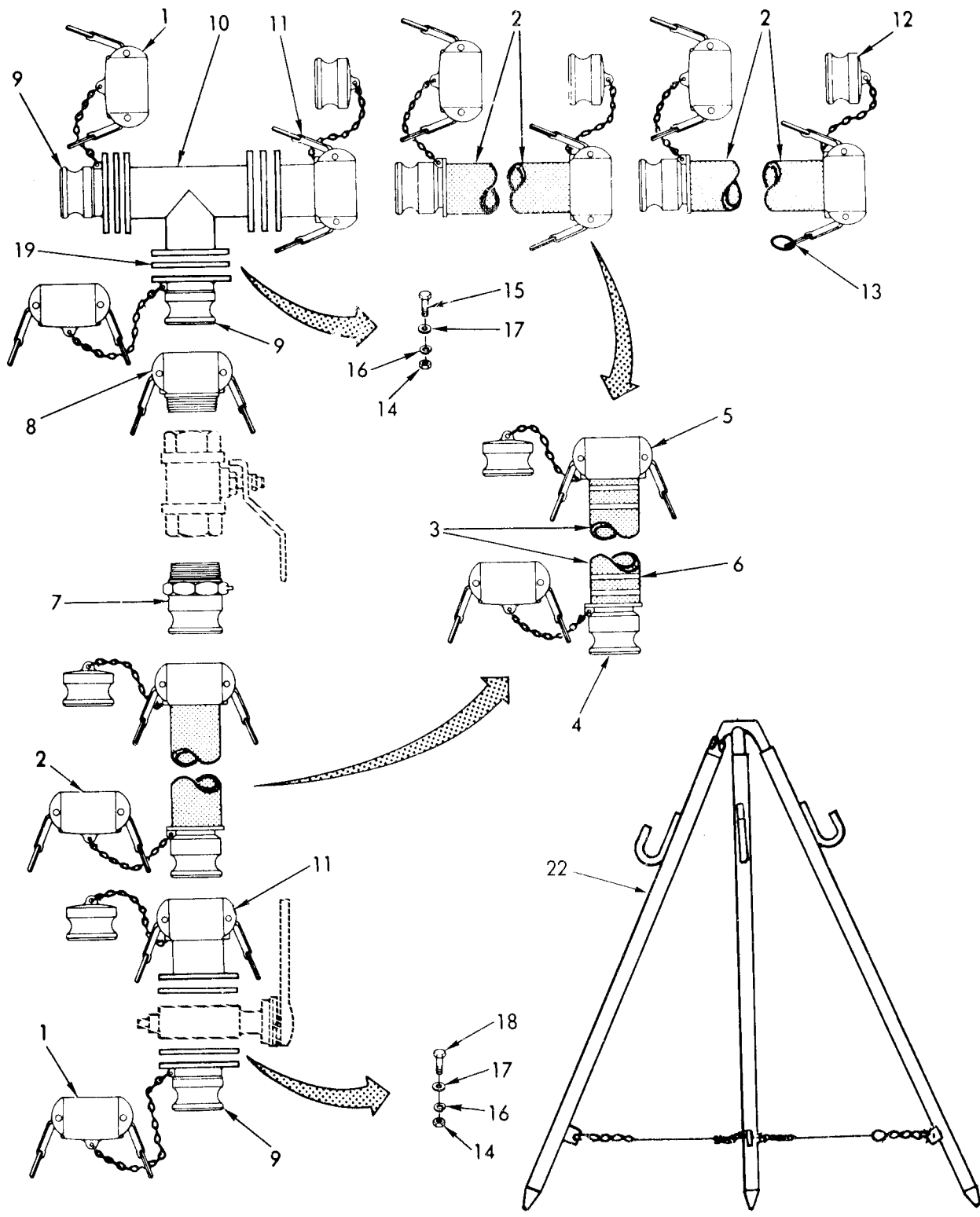


Figure 20. Hose Connection Kit, 4-Inch

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
				GROUP 07		
				4-IN HOSE CONNECTION KIT		
				FIG. 20 HOSE CONNECTION KIT, 4-IN		
	PDOFF	97403	13225E9133	CONNECTION SET, HOSE, 4-IN		2
				UOC: DSF, DSG, DSH		
1	PBOZZ	96906	MS27028-17	.CAP, QUIK-DISC, CAM-LOCK,		4
				TY IX, ALUM, 4-IN NOM SZ		
				UOC: DSF, DSG, DSH		
2	PBOOO	97403	13225E9136-4	.HOSE ASSY, DISCHARGE,		3
				4-IN DIA, 20-FT-LG		
				UOC: DSF, DSG, DSH		
3	MOOZZ	81348	ZZ-H-601-GR3	..HOSE, RUBBER, DESERT SAND, 20-FT-LG		1
			CL2, 4-IN X	MFD FROM P/N ZZ-H-601, GR3,CL2,4IN,		
			20 FT	UOC: DSF, DSG,DSH		
4	PBOZZ	96906	MS27021-17	..COUPLING HALF, QUIK-DISC,		1
				MALE, HOSE SHANK		
				UOC: DSF, DSG, DSH		
5	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC,		1
				FEMALE, HOSE SHANK		
				UOC: DSE, DSF, DSG, DSH		
6	PBOZZ	70847	J215	..CLAMP, HOSE		4
				UOC: DSF, DSG, DSH		
7	PBOZZ	96906	MS27022-17	.COUPLING HALF, QUIK-DISC,		1
				CAM-LOCK, MALE, EXT PIPE		
				THD, TY III, 4-IN		
				UOC: DSF, DSG, DSH		
8	PBOZZ	96906	MS27026-17	.COUPLING HALF, QUIK-DISC,		1
				CAM-LOCK, INT PIPE THD,		
				TY VII, 4-IN		
				UOC: DSF, DSG, DSH		

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
9	PBOZZ	96906	MS27023-17	.COUPLING HALF, QUIK-DISC, CAM-LOCK, MALE, FLANGED, 4-IN UOC: DSF, DSG, DSH	3
10	XDOZZ	97403	13216E243	.TEE, PIPE, FLANGED, ALUM, 4-IN NOM SZ	1
11	PBOZZ	96906	MS27027-17	.COUPLING HALF, QUIK-DISC CAM-LOCK, FEMALE, FLANGED, TY VIII, 4-IN, ALUM UOC: DSF, DSG, DSH	2
12	PBOZZ	96906	MS27029-17	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 4-IN	3
13	PBOZZ	81718	H1434M	.RING, RETAINING, SPRING, STL, 1-IN UOC: DSF, DSG, DSH	7
14	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STL, CAD PLTX, .375-16 UNC 2B	32
15	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD, STL CAD PLTD, .375-16 UNC 2AX 1.75 LG UOC: DSF, DSG, DSH	24
16	PBOZZ	96906	MS27183-14	.WASHER, FLAT-ROUND, STL, CAD PLTD, .406 BASIC ID X .812 BASIC OD UOC: DSF, DSG, DSH	64
17	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL, STL, CAD PLTD, .375 NOM SZ	32
18	PBOZZ	96906	MS90725-78	.SCREW, CAP, HEX HD, STL, CAD PLTD, .375-16 UNC 2AX 5 LG UOC: DSF, DSG, DSH	8

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
19	PBOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4-IN RND UOC: DSF, DSG, DSH	5
20	PB000	76364	P2868	.VALVE, BUTTERFLY, 4-IN, FLANGE (SEE FIG. 21 FOR BREAKDOWN) UOC: DSF, DSG, DSH	1
21	XDOOO	92021	SPA-20-52	.VALVE, BALL, 4-IN NOM SZ ALUM, FEMALE NPT (SEE FIG. 22 FOR BREAKDOWN) UOC: DSF, DSG, DSH	1
22	PBOFF	97403	13225E9140	.STAND ASSY, FUEL, NOZZLE (SEE FIG. 18 FOR BREAKDOWN) UOC: DSF, DSG, DSH	1

END OF FIGURE

TM 5-4610-228-23P
TM 08846A-13/2

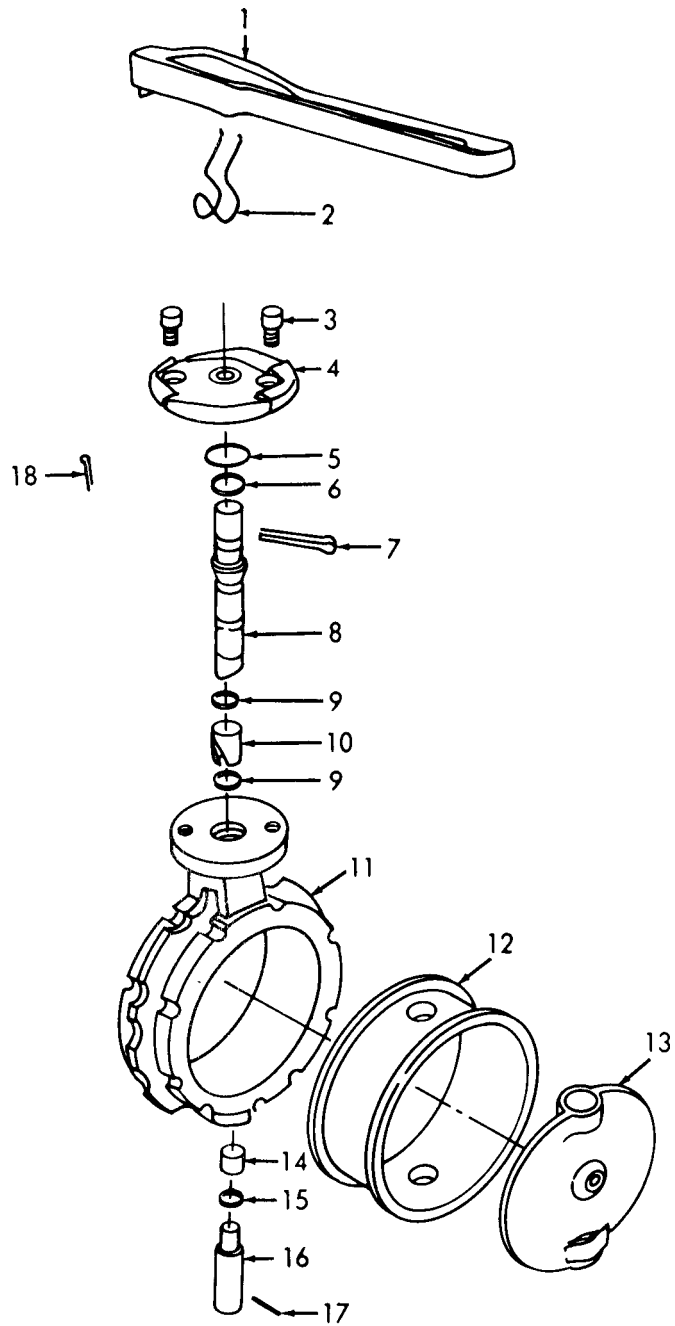


Figure 21. Butterfly Valve

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 07 (CONT) 4-IN HOSE CONNECTION KIT FIG. 21 BUTTERFLY VALVE (SEE FIG. 20 ITEM 20 FOR NHA)	
	PBOOO	76364	P2860	.VALVE, BUTTERFLY, FLANGE UOC: DSF, DSG, DSH	1
1	XDOZZ	76364	P-8449	..HANDLE, VALVE UOC: DSF, DSG, DSH	1
2	XDOZZ	76364	70170-N	..SPRING, VALVE UOC: DSF, DSG, DSH	1
3	XDOZZ	76364	42136-N	..SCREW, SOCKET HD UOC: DSF, DSG, DSH	2
4	XDOZZ	76364	45199-N	..PLATE, STOP UOC: DSF, DSG, DSH	1
5	PBOZZ	76364	6595-N	..SEAL, TOP UOC: DSF, DSG, DSH	1
6	KFOZZ	76364	6596B	..SEAL, VALVE, PART OF KIT P/N 8621-N-940 UOC: DSF, DSG, DSH	1
7	KFOZZ	76364	5988-N-611	..PIN, TOP, -PART OF KIT P/N 8621-N-940 UOC: DSF, DSG, DSH	1
8	KFOZZ	76364	26462-N-615	..STEM, TOP, PART OF KIT P/N 8621-N-940 UOC: DSF, DSG, DSH	1
9	KFOZZ	76364	6596-B-911	..O-RING, PART OF KIT P/N 8621-N-940 UOC: DSF, DSG, DSH	2
10	KFOZZ	76364	7410-N-750	..BEARING, TOP SPLIT, PART OF KIT P/N 8621-N-940 UOC: DSF, DSG, DSH	1
11	XAOZZ	76364	1726-N	..BODY, VALVE UOC: DSF, DSG, DSH	1
12	XDOZZ	76364	EPDM	..SLEEVE, VALVE UOC: DSF, DSG, DSH	1

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
13	XDOZZ	76364	38194-N	..DISC, VALVE UOC: DSF, DSG, DSH	1
14	KFOZZ	76364	7411-N	..BEARING, BOTTOM, PART OF KIT P/KN 869-N UOC: DSF, DSG, DSH	1
15	KFOZZ	76364	6596-B	..O-RING, BOTTOM STEM, PART OF KIT P/N 869-N UOC: DSE, DSF, DSG, DSH	1
16	KFOZZ	76364	26399-N	..STEM, BOTTOM, PART OF KIT P/N 869-N UOC: DSF, DSG, DSH	1
17	KFOZZ	76364	5996-R	..PIN, BOTTOM, PART OF KIT P/N 869-N UOC: DSF, DSG, DSH	1
18	KFOZZ	76364	7959-D	..PIN, COTTER, PART OF KIT P/N 869-N UOC: DSF, DSG, DSH	1
	PBOZZ	76364	8621-N-940	.KIT, STEM, TOP UOC: DSF, DSG, DSH	1
				SEAL, VALVE (1) 22-6 PIN, TOP (1) 22-7 STEM, TOP (1) 22-8 O-RING (1) 22-9 BEARING, TOP SPLIT (1) 22-10	
	PBOZZ	76364	869-N	.KIT, STEM, BOTTOM UOC: DSF, DSG, DSH	1
				BEARING BOTTOM (1) 22-14 O-RING (1) 22-15 STEM, BOTTOM (1) 22-16 PIN, BOTTOM (1) 22-17 PIN, COTTER (1) 22-18	

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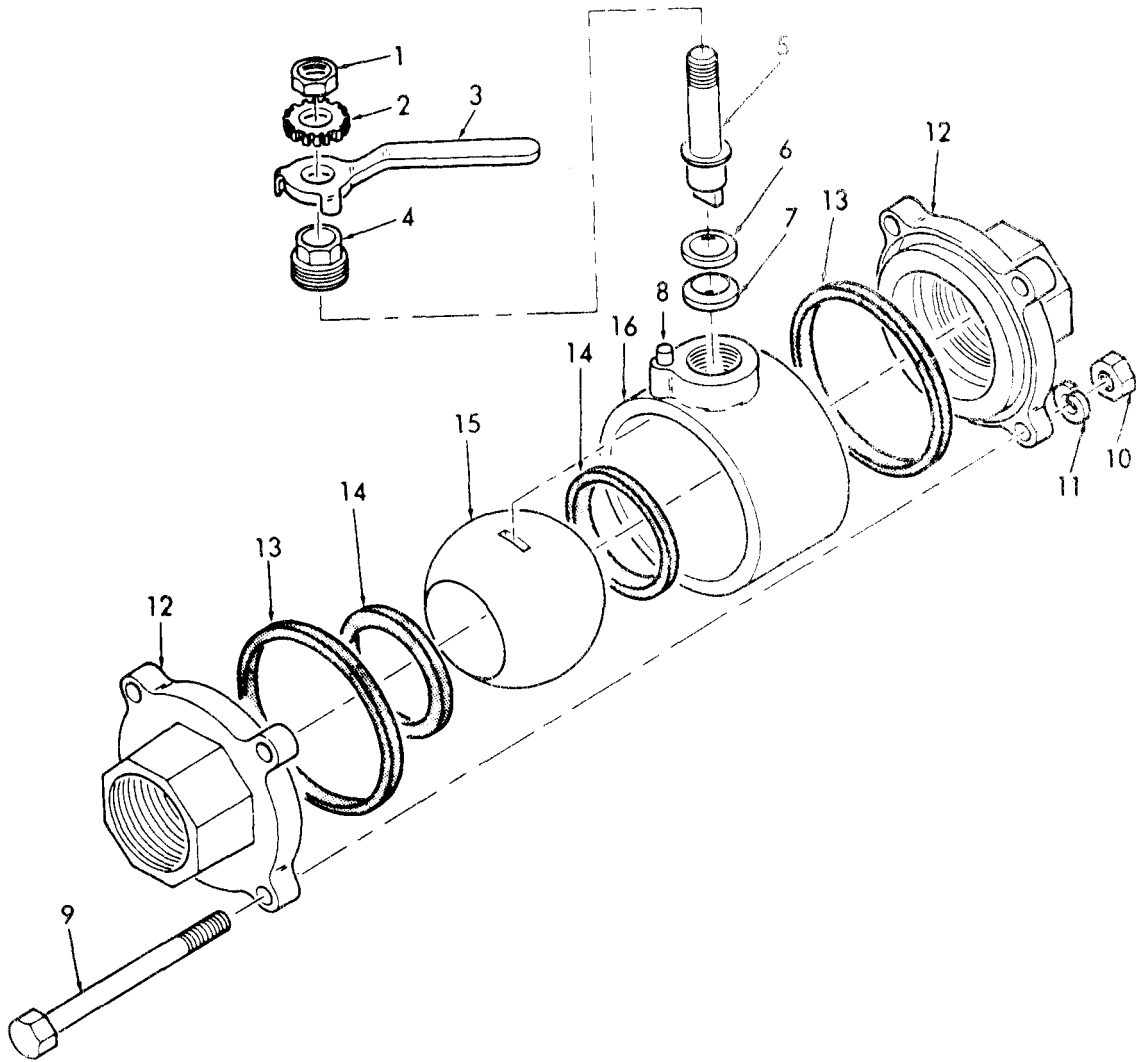


Figure 22. Ball Valve Assembly, 4-inch

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 07 (CONT)	
				4-IN HOSE CONNECTION KIT	
				FIG. 22 BALL VALVE ASSEMBLY, 4-INCH	
				(SEE FIG. 20 ITEM 21 FOR NHA)	
	XDOOO	92021	SPA-20-52	.VALVE, BALL, 4-IN UOC: DSF, DSG, DSH	1
1	XDOZZ	92021	SP-20-17	..NUT, HEX, JAM UOC: DSF, DSG, DSH	1
2	XDOZZ	92021	SP-20-4A	..WASHER, LOCK, STEM, 5/8 EXT TTH UOC: DSF, DSG, DSH	1
3	XDOZZ	92021	SPD-19-24	..HANDLE, VALVE, 4-IN UOC: DSF, DSG, DSH	1
4	PBOZZ	92021	SPK-19-6A	..RETAINER, PACKING, 4-IN UOC: DSF, DSG, DSH	1
5	PBOZZ	92021	SPH-19-5A	..STEM, FLUID VALVE UOC: DSF, DSG, DSH	1
6	PBOZZ	92021	SPK-19-10	..RETAINING, PACKING, 4-IN UOC: DSF, DSG, DSH	1
7	PAOZZ	92021	SP-19-9A	..PACKING, PREFORMED, 4-IN UOC: DSF, DSG, DSH	1
8	XDOZZ	92021	SP-20-21	..PIN, ROLL, HANDLE STOP UOC: DSF, DSG, DSH	1
9	XDOZZ	92021	SP-20-15	..BOLT, HEX HD, END FITTING MTG, 3/4-10 BY 8-IN-LG UOC: DSF, DSG, DSH	8
10	XDOZZ	92021	SP-20-16	..NUT, PL, HEX HD, END FITTING MTG, 3/4-10 UOC: DSF, DSG, DSH	8
11	XBOZZ	92021	SP-20-20	..WASHER, LOCK, END FITTING MTG, 3/4-IN UOC: DSF, DSG, DSH	8
12	XDOZZ	92021	SPA-20-3	..FITTING, END 4-IN UOC: DSF, DSG, DSH	2

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
13	PAOZZ	92021	SP-20-13	..GASKET, 4-IN, VALVE BODY UOC: DSF, DSG, DSH	2
14	XDOZZ	92021	SP-20-8B	..SEAT, VALVE UOC: DSF, DSG, DSH	2
15	XDOZZ	92021	SPA-20-2	..BALL, VALVE, 4-IN UOC: DSF, DSG, DSH	1
16	XAOZZ	92021	SPA-20-1	..BODY, VALVE, 4-IN UOC: DSF, DSG, DSH	1

END OF FIGURE

TM 5-4610-228-23P
TM 08846A-13/2

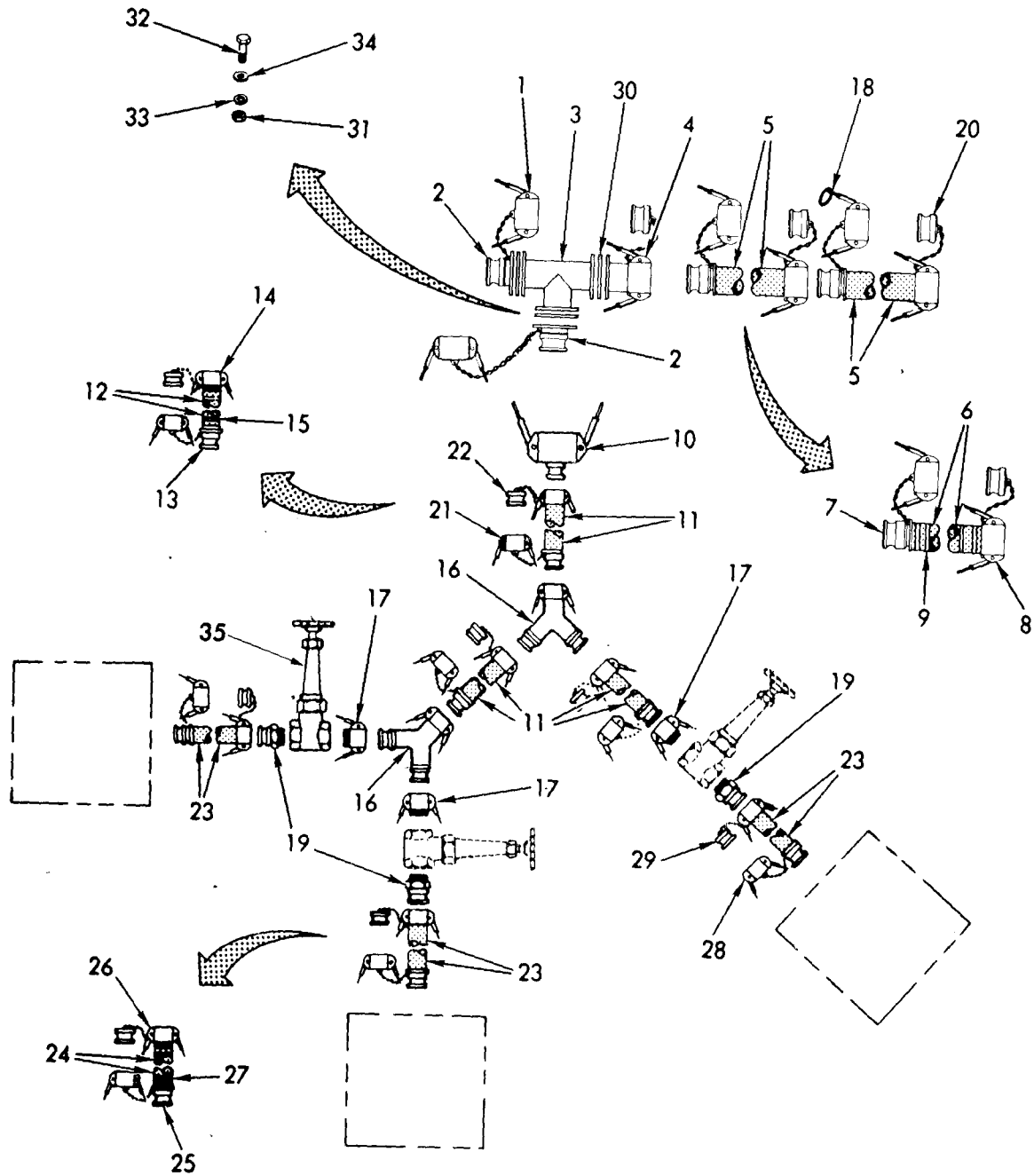


Figure 23. Bag Filler Connection Kit

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 08 BAG FILLER CONNECTION KIT FIG. 23 BAG FILLER CONNECTION KIT	
	PD000	97403	13225E9111	CONNECTION KIT, BAG FILLER (RDF) UOC: DSE, DSF, DSG, DSH	1
1	PBOZZ	96906	MS27028-17	.CAP, QUIK-DISC, CAM-LOCK, DUST TY IX, 4-IN, ALUM UOC: DSE, DSF, DSG, DSH	1
2	PBOZZ	96906	MS27023-17	.COUPLING, HALF, QUIK-DISC, CAM-LOCK, MALE, FLANGED, 4-IN TY IV UOC: DSE, DSF, DSG, DSH	2
3	XDOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, 4-IN NOM SZ, ALUM UOC: DSE, DSF, DSG, DSH	1
4	PBOZZ	96906	MS27027-17	.COUPLING, HALF, QUIK-DISC, FEMALE, FLANGED, TY VIII, 4-IN-IN, ALUM UOC: DSE, DSF, DSG, DSH	
5	PBOOO	97403	13225E913-4	.HOSE ASSY, DISCH, 4-IN DIA 20-FT-LG UOC: DSE, DSF, DSG, DSH	2
6	MOOZZ	81349	ZZ-H-601, GRA3,CL2 4IN X 20FT	..HOSE, RUBBER, DESERT SAND, 20 FT-LG MFD FROM P/N ZZ-H-601, GR3,CL2, 4IN	1
7	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE HOSE SHANK UOC: DSE, DSF, DSG, DSH	1
8	XDOZZ	96906	MS27025-17	..COUPLING, HALF, QUIK-DISC FEMALE, HOSE SHANK UOC: DSE, DSF, DSG, DSH	1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
9	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4
10	PBOZZ	96906	MS49000-17	.REDUCER, FEMALE TO MALE QUIK-DISC, CAM-LOCK, TY XI, 2 X 4-IN NOM SZ UOC: DSE, DSF, DSG, DSH	1
11	PBOOO	97403	13225E9136-2	.HOSE ASSY, DISCH, 2-IN DIA, 20-FT-LG UOC: DSE, DSF, DSG, DSH	3
12	MOOZZ	81349	ZZ-H-601, GRADE 3 CLASS 2.2 INX20FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR3,CL2,2IN UOC: DSE, DSF, DSG, DSH	1
13	PBOZZ	96906	MS27021-11	..COUPLING HALF, MALE, HOSE SHANK, 2-IN, QUIK-DISC UOC: DSE, DSF, DSG, DSH	1
14	PBOZZ	96906	MS27025-11	..COUPLING HALF, FEMALE, QUICK- DISC, HOSE SHANK, 2-IN, UOC: DSE, DSF, DSG, DSH	1
15	PBOZZ	70847	J230	..CLAMP, HOSE, BAND-IT UOC: DSE, DSF, DSG, DSH	4
16	XDOZZ	97403	13219E0477	.Y CONNECTION, QUIK-DISC, CAM-LOCK, 2-IN, ALUM, MALE- MALE-FEMALE UOC: DSE, DSF, DSG, DSH	2
17	XDOZZ	96906	MS27026-11	.COUPLING HALF, QUIK-DISC CAM-LOCK, FEMALE, IPT, TY VIII, 2-IN UOC: DSE, DSF, DSG, DSH	3
18	PBOZZ	81718	H1434M	.RING, RETAINING UOC: DSE, DSF, DSG, DSH	17
19	PBOZZ	96906	MS49001-11	.REDUCER, MALE TO MALE, EXT, 2-IN TO CAM-LOCK 1-1/2-IN, TY XIII,ALUM UOC: DSE, DSF, DSG, DSH	3

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
20	PBOZZ	96906	MS27029-17	.PLUG, QUIK-DISC, RETAINING, SPRING, STEEL, 1-IN	2	
21	PBOZZ	96906	MS27028-11	.CAP, PROTECTIVE, DUST, QUIK-DISC, CAM-LOCK. TY 1X 2-IN, FEMALE, COUPLING UOC: DSE, DSF, DSG, DSH	3	
22	PBOZZ	96906	MS27029-11	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 2-IN, MALE, COUPLING UOC: DSE, DSF, DSG, DSH	3	
23	PBOOO	97403	13225E9136-11	.HOSE ASSY, DISCH, 1-1/2-IN DIA, 25-FT-LG UOC: DSE, DSF, DSG, DSH	3	
24	MOOZZ	81348	ZZ-H-601, GRD3, CL2, 1-1/2IN X 25 FT	..HOSE, RUBBER, DESERT SAND, 25-FT-LG MFD FROM P/N ZZ-H-601, GR3,CL2,1-1/2IN, UOC: DSE, DSF, DSG, DSH	1	
25	PBOZZ	96906	MS27021-9	..COUPLING, HALF, QUIK-DISC, MALE, HOSE SHANK, 1-1/2-IN UOC: DSE, DSF, DSG, DSH	1	
26	PBOZZ	96906	MS27025-9	..COUPLING HALF, QUIK-DISC, FEMALE, HOSE SHANK, 1-1/2-IN UOC:DSE, DSF,DSG,DSH	1	
27	PBOZZ	70847	J308	..CLAMP, HOSE UOC: DSE, DSF, DSG, DSH	4	
28	PBOZZ	96906	MS27028-9	.CAP, DUST, QUIK-DISC, CAM-LOCK TY IX, FEMALE, 1-1/2, ALUM UOC: DSE,DSF,DSG,DSH	3	
29	PBOZZ	96906	MS27029-9	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, MALE, 1-1/2-IN, ALUM UOC: DSE, DSF, DSG, DSH	3	
30	PBOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4 IN RND UOC: DSE, DSF, DSG, DSH	3	

SECTION II				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
31	PBOZZ	96906	MS51967-8	NUT, PLAIN, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2B UOC: DSE, DSF, DSG, DSH	24
32	PBOZZ	96906	MS90725-65	SCREW, CAP, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2AX 1.75 LG UOC: DSE, DSF, DSG, DSH,	2
33	PBOZZ	96906	MS35338-46	WASHER, LOCK, SPRING, HELICAL, STEEL, CAD PLTD, .375 NOM SZ UOC: DSE, DSF, DSG, DSH	2
34	PBOZZ	96906	MS27183-14	WASHER, FLAT, RND, STEEL, CAD PLTD, .406 BASIC IDX.812 BASIC OD UOC: DSE, DSF, DSG, DSH	48
35	PBOZZ	76364	1151	VALVE, GATE, 2-IN NOM SZ BRONZE, INT NPT (SEE FIG. 14 FOR BREAKDOWN) UOC: DSE, DSF, DSG, DSH	3

END OF FIGURE

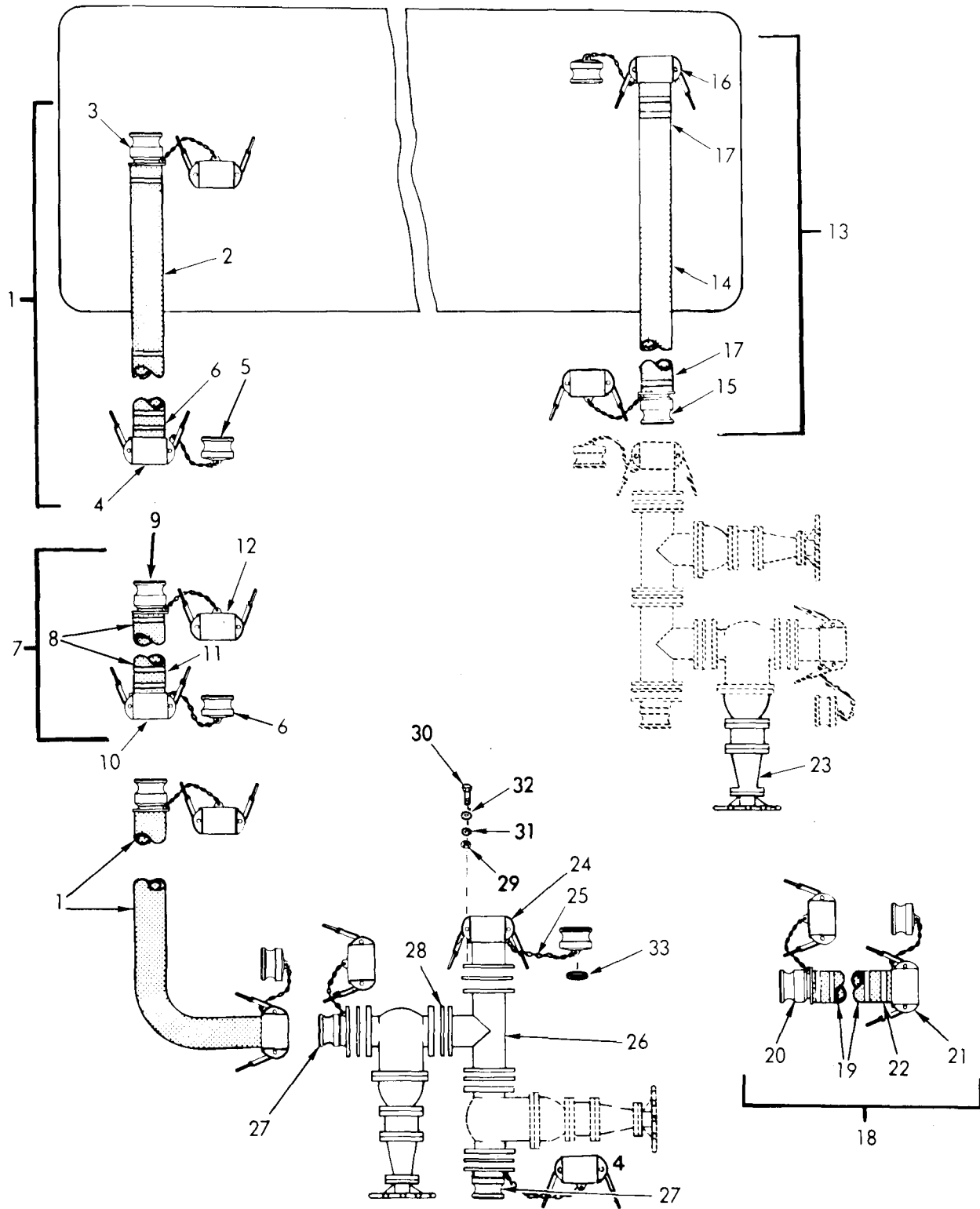


Figure 24. Single Tank Connection Kit

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
				GROUP 09		
				SINGLE TANK CONNECTION KIT		
				FIG. 24 SINGLE TANK CONNECTION KIT		
	PDOFF	97403	13225E9148	CONNECTION SET, TANK, SINGLE		1
				UOC:DSD		
1	PBOOO	97403	13225E9136-4	.HOSE ASSY, DISCHARGE, 4-IN DIA.,		3
				20 FT LG		
				UOC: DSD		
2	MOOZZ	81348	ZZ-H-601, GRA3	..HOSE, RUBBER, DESERT SAND, 20-FT-LG		1
			CL2, 4IN X 20FT	MFD FROM P/N ZZ-H-601, GR3,CL2, 4IN		
				UOC: DSD		
3	PBOZZ	96906	MS27021-17	..COUPLING HALF, QUIK-DISC, MALE,		1
				SHANK		
				UOC: DSD		
4	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, FEMALE		1
				SHANK		
				UOC: DSD		
5	PBOZZ	96906	MS27029-17	...PLUG, DUST, QUIK-DISC,		3
				CAM-LOCKING, 4-IN		
				UOC: DSD		
6	PBOZZ	70847	J215	..CLAMP, HOSE		12
				UOC: DSD		
7	PBOOO	97403	13225E9136-3	.HOSE ASSY, DISCHARGE, NON-		1
				METALLIC, 4-IN DIA, 10-FT-LG		
				UOC: DSD		
8	MOOZZ	81348	ZZ-H-601, GRA3,	..HOSE, RUBBER, DESERT SAND, 10-FT-LG		1
			CL2, 4IN X 10FT	MFD FROM P/N ZZ-H-601, GR3, CL2, 4IN,		
				UOC: DSD		

(1) ITEM NO	(2) SMR CODE	(3) FSCM	TM5-4610-228-23P TM 08846A-13/2 PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
9	PBOZZ	96906	MS27021-17	..COUPLING, HALF, QUIK-DISC, MALE, HOSE SHANK UOC: DSD	1
10	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, FEMALE HOSE SHANK UOC: DSD	1
11	PBOZZ	78047	J215	..CLAMP, HOSE UOC: DSD	4
12	PBOZZ	96906	MS27028-17	..CAP, QUIK-DISC, CAM-LOCKING, TYPE IX, COUPLING HALF, ALUM, 4-IN NOM SZ UOC: DSD	6
13	PBOOO	97403	13225E9135-4	.HOSE ASSY, SUCTION, NONMETALLIC, 4 IN DIA, 20 FT LG UOC: DSD	1
14	MOOZZ	81348	ZZ-H-561, GRAFT LA, CL2TY2, 4IN X 20FT	..HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-561, GRAFTLA, CL2TY2, 4IN UOC: DSD	1
15	PBOZZ	96906	MS27021-17	..COUPLING HALF, QUIK-DISC, MALE HOSE SHANK UOC: DSD	1
16	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSD	1
17	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSD	1
18	PBOOO	97403	13225E9135-3	HOSE ASSY, SUCTION, NONMETALLIC, 4 IN DIA, 10 FT LG UOC: DSD	1
19	MOOZZ	81348	ZZ-H-561, GRAFT LA, CL2TY2, 4IN X 10FT	..HOSE, RUBBER, DESERT SAND, 10-FT-LG MFD FROM P/N ZZ-H-561, GRAFTLA, CL2TY2, 4IN UOC: DSD	1

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
20	PBOZZ	96906	MS27021-17	..COUPLING HALF, QUIK-DISC, HOSE SHANK, MALE UOC: DSD	1
21	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, HOSE SHANK, FEMALE UOC: DSD	1
22	PBOZZ	70847	J215	..CLAMP, HOSE UOC: DSD	4
23	PBOFF	97403	13220E1071	.GATE VALVE, FLANGED, 4-IN NOM SZ (SEE FIG. 2 FOR BREAKDOWN) UOC: DSD	4
24	PBOZZ	96906	MS27027-17	.COUPLING HALF, QUIK-DISC CAM-LOCKING, FEMALE, 4-IN FLANGED TYPE VIII, ALUM UOC: DSD	3
25	PBOZZ	96906	MS87006-3	.HOOK, CHAIN, STEEL, CAD PLTD UOC: DSD	12
26	XDOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, ALUM, 4-IN NOM SZ UOC: DSD	2
27	PBOZZ	96906	MS27023-17	.COUPLING HALF, QUIK-DISC CAM-LOCKING, MALE, FLANGED, TYPE IV, ALUM, 4-IN NOM SZ UOC: DSD	3
28	PAOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4 IN RND UOC: DSD	12
29	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STEEL CAD PLTD, .375-16 UNC 2B UOC: DSD	80

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
30	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2A X 1.750-LG UOC: DSD	80
31	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL, STEEL, CAD PLTD, .375 NOM SZ UOC: DSD	80
32	PBOZZ	96906	MS27183-14	.WASHER, FLAT-ROUND, STEEL CAD PLTD, .406 ID X .812 OD UOC: DSD	176
33	PBOFF	81718	H1434M	.RING, RETAINING, SPRING STEEL, 1-IN UOC: DSD	12

END OF FIGURE

TM 5-4610-228-23P
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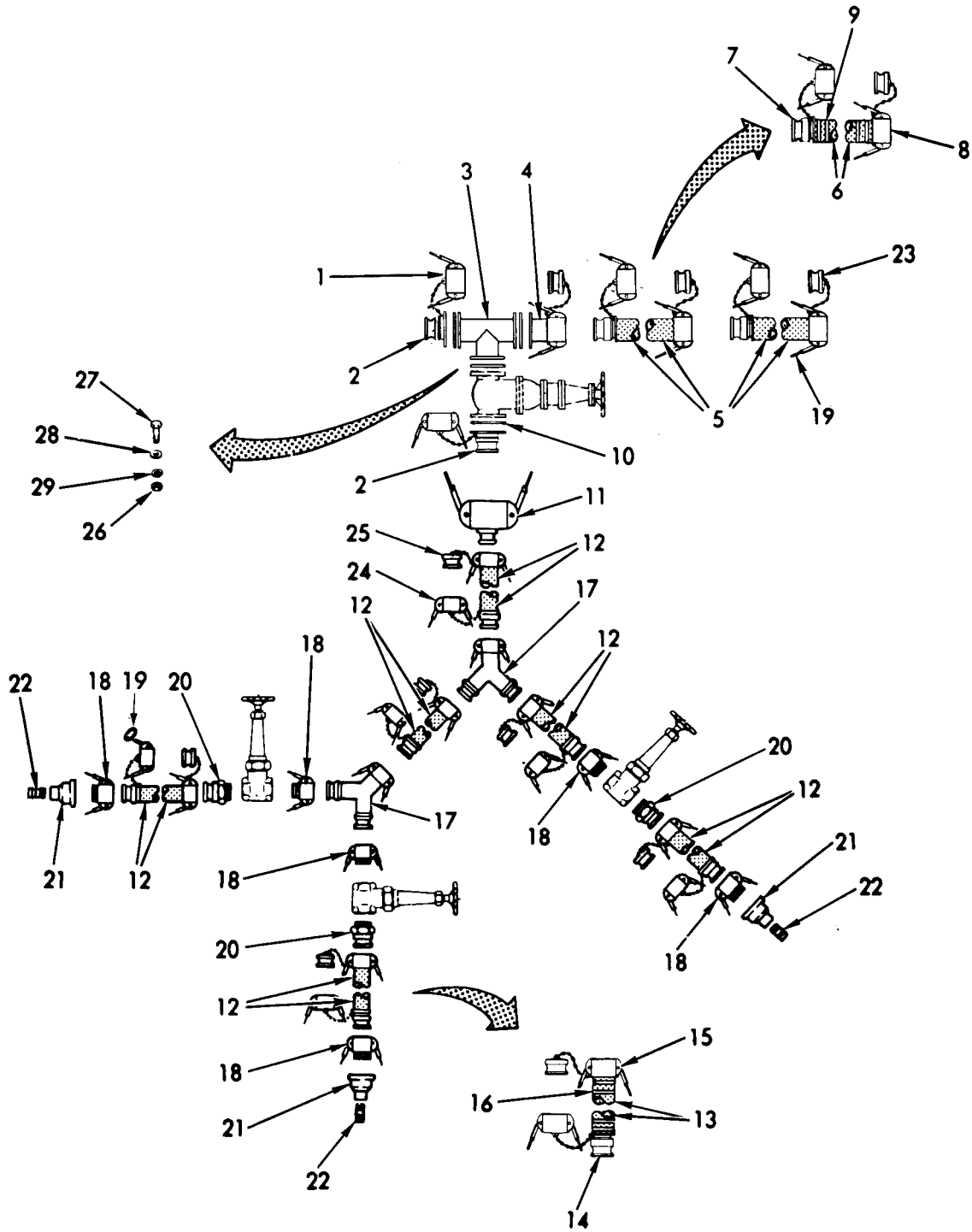


Figure 25. Hospital Connection Kit

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
				GROUP 10 HOSPITAL CONNECTION KIT		
				FIG. 25 HOSPITAL CONNECTION KIT		
	PDOFF	97403	13255E9129-000	CONNECTION ASSY, HOSPITAL UOC: DSD	1	
1	PBOZZ	96906	MS27028-17	.CAP, QUIK-DISC, CAM-LOCK DUST, TY IX, 4-IN, ALUM, COUPLING UOC: DSD	3	
2	PBOZZ	96906	MS27023-17	.COUPLING HALF, QUIK-DISC, CAM-LOCK, MALE, FLANGED, 4-IN, ALUM, TY IV UOC: DSD	2	
3	XBOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, ALUM, 4-IN MALE, RND UOC: DSD	1	
4	PBOZZ	96906	MS27027-17	.COUPLING HALF, QUIK-DISC, CAM-LOCK, FEMALE, TY VIII, 4-IN UOC: DSD	1	
5	PBOOO	97403	13225E9136-4	.HOSE ASSY, DISCH, 4-IN DIA, 20-FT-LG UOC: DSD	2	
6	MOOZZ	81348	ZZ-H-601, GRADE3 CLASS 2, 4-IN X 20 FT	..HOSE, RUBBER, DESERT SAND, 25-FT-LG MFD FROM P/N ZZ-H-601, GR3,CL2,4IN, UOC: DSD	20	
7	PBOZZ	90696	MS27021-17	..COUPLING HALF, QUIK-DISC, MALE, HOSE SHANK UOC: DSD	1	
8	XDOZZ	96906	MS27025-17	..COUPLING HALF, QUIK-DISC, FEMALE, HOSE SHANK UOC: DSD	1	
9	PBOZZ	70847	J215	..CLAMP HOSE UOC: DSD	4	

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
10	PAOZZ	97403	13220E1069-1	.GASKET, 4-IN FLANGE, RND UOC: DSD	5
11	PBOZZ	96906	MS49000-17	.REDUCER, FEMALE TO MALE, QUIK-DISC, CAM-LOCK, TY X, 4 TO 2-IN NOM SZ UOC: DSD	1
12	PBOOO	97403	13225E9136-2	.HOSE ASSY, DISCH, 2-IN DIA, 20-FT-LG UOC: DSD	6
13	MOOZZ	81348	ZZ-H-601GRADE3 CLASS 2 .2IN X 10 FT	.HOSE, RUBBER, DESERT SAND, 20-FT-LG MFD FROM P/N ZZ-H-601, GR3, CL2, 2IN	1
14	PBOZZ	96906	MS27021-11	.COUPLING HALF, MALE, HOSE SHANK, 2-IN, QUIK-DISC UOC: DSD	1
15	PBOZZ	96906	MS27025-11	.COUPLING HALF, FEMALE, HOSE SHANK, QUIK-DISC, 2-IN UOC:DSD	1
16	PBOZZ	70847	J230	.CLAMP, HOSE, BAND-IT UOC: DSD	4
17	XBOZZ	97403	13219E0477	.Y CONNECTION, QUIK-DISC, CAM-LOCK, 2IN, MALE-MALE-FEMALE, ALUM UOC: DSD	2
18	PBOZZ	96906	MS27026-11	.COUPLING HALF, QUIK-DISC CAM-LOCK, FEMALE, 1PT, 2-IN, TY VII UOC: DSD	6
19	PBOZZ	81718	1434M	.RING, KEY, RETAINING, SPRING STEEL, 1-IN NOM ID UOC: DSD	17
20	PBOZZ	96906	MS27022-11	.COUPLING HALF, QUIK-DISC CAM-LOCK, MALE, EPT, TY III. UOC: DSD	3

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
21	PBOZZ	81349	M52618/2A18XA	.REDUCER, PIPE, ALUM ALLOY, 2-IN NPT TO 1-IN UOC: DSD		3
22	XDOZZ	88044	AN816-12-16W	.ADAPTER, STRAIGHT, PIPE TO TUBE, 1-IN NPT TO 3/40.D UOC: DSD		3
23	PBOZZ	96906	MS27029-17	.PLUG, QUIK-DISC, CAM-LOCK DUST, TY X 4-IN UOC: DSD		2
24	PBOZZ	96906	MS27028-11	.CAP, PROTECTIVE, DUST, QUIK- DISC, CAM-LOCK, TY IX, 2-IN UOC: DSD		6
25	PBOZZ	96906	MS27029-11	.PLUG, QUIK-DISC, CAM-LOCK, DUST, TY X, 2-IN UOC: DSD		6
26	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2B UOC. DSD		32
27	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2AX 175 L UOC: DSD		32
28	PBOZZ	96906	MS27183-14	.WASHER, FLAT-RND, STEEL, CAD PLTD, .406 BASIC IDX .812 BASIC OD UOC: DSD		68
29	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL, STEEL, CAD PLTD, .375 SZ		32
30	PBOFF	97403	13220E1071	.VALVE GATE, FLANGE, 4 IN (SEE FIG. 2 FOR BREAKDOWN) UOC: DSD		1
31	PBOZZ	76364	1151	.VALVE, GATE, 2-IN (SEE FIG. 14 FOR BREAKDOWN)		3
END OF FIGURE						

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 11 ACCESSORY KIT FIG. KIT	
	PAOZZ	97403	13225E9149	KIT, ACCESSORY, 20,000 GAL (RDF) UOC: DSD	1
1	PAOZZ	96906	MS39352-9	.ADAPTER, MALE, 2-IN, TY XXI UOC: DSD	1
2	PAOZZ	96906	MS39352-19	.ADAPTER, MALE, 4-IN, TY XXI UOC: DSD	1
3	XDOZZ	88044	AN816-12-16W	.ADAPTER, STRAIGHT, 1-IN NPT TO 3/4 OD TUBE UOC: DSD	2
4	PBOZZ	96906	MS27028-11	.CAP, FEMALE, 2-IN UOC: DSD	6
5	PBOZZ	96906	MS27028-17	.CAP, FEMALE, 4-IN UOC: DSD	6
6	PBOZZ	96906	MS27024-11	.COUPLING HALF, FEMALE, 2-IN, TY V UOC: DSD	1
7	PBOZZ	96906	MS27026-11	.COUPLING HALF, FEMALE, 2-IN, TY VII UOC: DSD	1
8	PBOZZ	96906	MS27024-17	.COUPLING HALF, FEMALE, 4-IN, TY V UOC: DSD	1
9	PBOZZ	96906	MS27026-17	.COUPLING HALF, FEMALE, 4-IN, TY VII UOC: DSD	1
10	PBOZZ	96906	MS27027-17	.COUPLING HALF, FEMALE, 4-IN, TY VIII UOC: DSD	2
11	PBOZZ	96906	MS27023-17	.COUPLING HALF, MALE, 4-IN, TY IV UOC: DSD	2
12	PBOZZ	96906	MS27030-6	.GASKET, COUPLING HALF, 2-IN UOC: DSD	12

KIT-1

SECTION II		TM5-4610-228-23P			
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
13	PAOZZ	96906	MS27030-9	.GASKET, COUPLING HALF, 4-IN, UOC: DSD	12
14	PAOZZ	97403	13220E1069-2	.GASKET, FLANGE, 2-IN UOC: DSD	6
15	PAOZZ	97403	13220E1069-1	.GASKET, FLANGE, 4-IN RND UOC: DSD	12
16	XDOZZ	97403	13200E4793	.GUARD, ROAD CROSSING UOC: DSD	2
17	PB000	97403	13225E9136-1	.HOSE ASSY, DISCHARGE, 2-IN DIA, 10-FT-LG UOC: DSD	1
18	PB000	97403	13225E9136-2	.HOSE ASSY, DISCHARGE, 2-IN DIA, 20-FT-LG UOC: DSD	2
19	PB000	97403	13225E9136-3	.HOSE ASSY, DISCHARGE, 4-IN DIA, 10-FT-LG UOC: DSD	1
20	PB000	97403	13225E9136-4	.HOSE ASSY, DISCHARGE, 4-IN DIA, 20-FT-LG UOC: DSD	2
21	PB000	97403	13225E9135-1	.HOSE ASSY, SUCTION, 2-IN DIA, 10-FT-LG UOC: DSD	1
22	PB000	97403	13225E9135-2	.HOSE ASSY, SUCTION, 2-IN DIA, 20-FT-LG UOC: DSD	1
23	PB000	97403	13225E9135-3	.HOSE ASSY, SUCTION, 4-IN DIA, 10-FT-LG UOC: DSD	1
24	PB000	97403	13225E9135-4	.HOSE ASSY, SUCTION, 4-IN DIA, 20-FT-LG UOC: DSD	1
25	PBOZZ	96906	MS51967-8	.NUT, PLAIN, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2B UOC: DSD	84

KIT-2

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
26	PBOZZ	96906	MS27029-11	.PLUG, MALE, 2-IN, TY X UOC: DSD	6	
27	PBOZZ	96906	MS27029-17	.PLUG, MALE, 4-IN, TY X UOC: DSD	6	
28	PBOZZ	81349	M52618/2A18X	.REDUCER, PIPE, ALUM, 2-IN NPT TO 2-IN NPT UOC: DSD	2	1
29	PBOZZ	81718	H1434M	.RING, RETAINING, SPRING STEEL, 1-IN UOC: DSD	20	
30	PBOZZ	96906	MS90725-65	.SCREW, CAP, HEX HD, STEEL, CAD PLTD, .375-16 UNC 2A X 1.75 UOC: DSD	84	
31	XDOZZ	97403	13216E8243	.TEE, PIPE, FLANGED, ALUM, 4-IN SZ UOC: DSD	1	
32	XDOZZ	97403	13219E0491	.VALVE, ELBOW, FEMALE, 2-IN UOC: DSD	1	
33	XDOZZ	97403	13220E1071	.VALVE, GATE, 4-IN NOM SZ UOC: DSD	1	
34	PBOZZ	96906	MS27183-14	.WASHER, FLAT, RND, STL, CAD PLTD, .406 ID X .812 OD UOC: DSD	168	
35	PBOZZ	96906	MS35338-46	.WASHER, LOCK, SPRING, HELICAL, .375 NOM SZ UOC: DSD	84	
36	XDOZZ	81718	319K	.Y CONNECTOR, QUIK-DISC, 2-IN, MALE TO FEMALE UOC: DSD	1	

END OF FIGURE

SECTION II		TM5-4610-228-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
				GROUP 12 BULK LIST		
				FIG. BULK LIST		
1	PAOZZ	81348	ZZ-H-561, GRA STLA, CL2TY2, 2IN	HOSE, RUBBER, 2-IN X 50FT, DESERT SAND		1
2	PAOZZ	81348	ZZ-H-561, GRA STLA, CL2TY2, 4IN	HOSE, RUBBER, 4-IN X 50FT, DESERT SAND		1
3	PAOZZ	81348	ZZ-H-601, GR3, CL2, 2IN	HOSE, RUBBER, 4-IN X 50FT, DESERT SAND		1
4	PAOZZ	81348	ZZ-H-601, GR3, CL2, 4IN	HOSE, RUBBER, 4-IN X 50FT, DESERT SAND		1
5	PAOZZ	81348	ZZ-H-601, GR3, CL2, 1 1/2IN	HOSE, RUBBER, 4-IN X 50FT, DESERT SAND		1
6	PAOZZ	70847	C256	SEAL, STRAPPING 100 PER BOX		1
7	PAOZZ	70847	C254	SEAL, STRAPPING 100 PER BOX		1
8	PAOZZ	70847	C206	STRAPPING, RL, .031 IN X .75 IN X 100FT		1
9	PAOZZ	70847	C204	STRAPPING, RL, .031 IN X .50 IN X 100 FT		1
				END OF FIGURE		

BULK-1

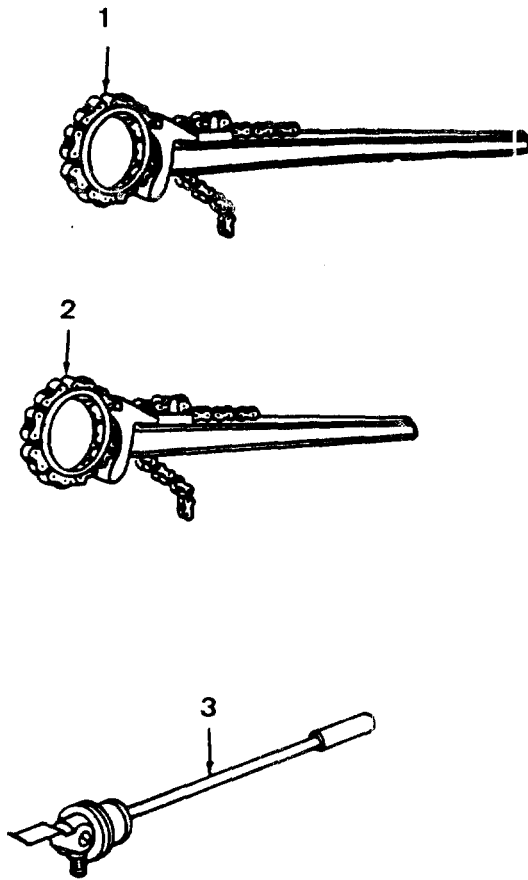


Figure 26. Special Tools

SECTION III				TM5-4610-228-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				GROUP 13 SPECIAL TOOLS	
				FIG. 26 SPECIAL TOOLS	
1	PAOZO	65814	CT4	WRENCH, PIPE, 50-1/2IN LG	1
2	PAOZZ	50893	848	WRENCH, PIPE, 48IN LG	1
3	PAOZZ	70847	C001	SEALER, STEEL STRAPPER .375 TO .750-IN W, .025-IN TO .030-IN THK	1
				END OF FIGURE	

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
4730-00-078-2519	1	11		16	5
	1	18		19	5
	1	24		23	14
	1	29		25	15
	3	13	4730-00-640-6156	1	1
	4	9		3	11
	4	15	4730-00-640-6156	4	4
	19	16		16	9
	20	6		19	9
	23	9		20	1
	24	5		23	1
	24	11		25	1
	24	17	4730-00-640-6188	1	15
	24	22		2	1
	25	9		16	19
5310-00-080-6004	1	5		20	12
5310-00-080-6004	4	23		23	20
	19	25		24	12
	20	17	4730-00-649-7388	1	12
	23	34		1	19
	25	28		1	25
4730-00-088-9285	13	16		1	30
	16	17	4730-00-649-7388	3	14
	19	17		4	7
	23	17		4	13
4730-00-088-9286	4	17		16	14
4930-00-120-9602	17	25		19	14
4730-00-203-1010	16	1		20	4
5305-00-208-1429	2	7		23	7
4730-00-222-1844	13	8		24	3
5340-00-244-7325	BULK	7		24	9
5340-00-244-9327	BULK	6		24	15
5340-00-245-9438	BULK	9		24	20
5340-00-245-9440	BULK	8		25	7
5305-00-269-3215	1	4	4730-00-649-9103	13	9
	3	5	4730-00-649-9118	20	8
5305-00-269-3215	4	22	5310-00-732-0558	1	2
	19	24		3	2
	20	15	5310-00-732-0558	4	21
	23	32		16	32
	24	30		19	23
	25	27		23	31
5305-00-269-3228	20	18		24	29
4730-00-360-0592	16	24		25	26
	23	25	4030-00-803-0272	17	26
4730-00-360-0943	13	13	5315-00-812-1236	18	1

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5340-00-823-5318	13	19		25	14
	16	20	4730-00-938-7997	13	15
	19	1		16	18
	23	21		25	20
	25	24	4730-00-948-1722	16	24
5315-00-839-5820	18	2		23	26
4730-00-840-0797	4	18	4030-00-948-7315	18	5
	20	7	5330-01-052-2237	22	6
4730-00-840-5346	1	8	4820-01-056-3488	22	5
4730-00-840-5347	1	6	4730-01-064-0560	13	17
	3	10		16	17
	4	3		19	7
	16	8		23	10
	23	2	4930-01-120-7426	25	11
	24	27		16	39
	25	2		18	
4730-00-840-5348	1	9		19	28
	3	9	4620-01-120-7522	2	
	4	1	4320-01-120-7523	4	
	16	11	4320-01-120-7524	13	
	19	11	4610-01-120-7526	1	
	20	11	4610-01-120-7528	23	
	23	4	4610-01-123-0644	25	
	24	24	4610-01-123-7705	16	
4730-00-840-5348	25	4	4720-01-138-8986	13	
5318-00-913-8881	2	8	4720-01-138-8986	16	2
4730-00-915-5127	13	18		23	11
	16	21		5	12
	19	20	4720-01-140-6288	1	10
	23	22		1	17
	25	25		3	12
5365-00-926-5411	1	16		4	11
	3	8		16	12
	4	10		19	12
	16	36		20	2
	20	13		23	5
	23	18		24	1
	24	33		24	7
	25	19		25	5
4730-00-938-7996	1	12	4610-01-140-6775	20	
4730-00-938-7996	1	19	4610-01-140-6776	19	
	1	25		1	7
	13	4		3	7
	13	12		4	20
	16	4	5330-01-141-1864	16	31
	19	4		19	22
	23	13		20	19

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
	23	30			
	25	10			
5330-01-143-6451	22	4			
4610-01-154-1213	4	26			
	5				
4820-01-159-0437	4	25			
4820-01-159-0439	1	22			
	4	25			
	24	33			
	25	30			
4720-01-163-5089	1	28			
4720-01-163-4682	1	17			
4720-01-163-4685	1	23			
	24	18			
4720-01-163-5089	4	5			
	24	13			
5330-01-174-8173	23	23			
4730-01-184-2797	25	22			
4730-01-186-0821	13	1			
4730-01-190-5536	25	21			
5330-01-206-1278	7	22			
6685-01-209-1124	6	23			

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX	
		STOCK NUMBER	FIG. ITEM
09680	A-239375		11
09680	A-239375ITEM12		11 9
09680	A-239391		8
09680	A-239489		5 2
09680	A-326		8 12
09680	A-329		8 15
09680	A-330-1		8 38
09680	A-333		8 17
09680	A-334		8 19
09680	A-335		8 23
09680	A-336		8 20
09680	A-337		8 21
09680	A-338		8 41
09680	A-339		8 24
09680	A-48		8 10
09680	A-813003		12 4
09680	A-93		8 8
88044	AN816-12-16W	4730-01-1842-797	25 22
09680	AX-319		8 3
09680	AX-327		8 18
09680	B-239370		6 1
09680	B-239387		12
09680	B-239488		5 1
09680	B-712		9 31
09680	B-805285-2		10 5
09680	B-813972		6 4
09680	B-813973		6 9
09680	BM-816100		8 9
09680	C-239494		5 4
09680	C-273-P9		8 31
09680	C-277		8 43
09680	C-278		8 26
09680	C-287		8 25
09680	C-288-P9T		8 29
88044	C-289		8 35
09680	C-290		8 32
09680	C-3302		17 27
09680	C-813966		6 12
09680	C-813969		6 6
09680	C-813970		6 14
09680	C-813971		6 15
09680	CX-271-1		8 45
09680	C239372		11 1
09680	C239373		11 3
09680	C239374		11 2
09680	D-102-AS		17 29

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
09680	D-213614		8	37
09680	D-239381		9	22
09680	D-239382		9	28
09680	D-239383		6	19
09680	D-239384		9	17
09680	D-239385		6	29
88044	D-239386-1		5	7
09680	D-23986-1		10	13
09680	D-239386-2		6	20
09680	D-239386-3		9	15
09680	D-239386-4		5	3
09680	D-239386-4		10	14
09680	D-239386-5		6	32
09680	D-239386-6		9	20
09680	D-239388		5	10
09680	D-239389		7	
09680	D-239397		6	11
09680	D-239398		6	18
09680	D-239490		5	8
09680	D-239490-1		5	9
09680	D-239495		5	6
09680	D-805711-11		8	1
09680	D-806515-3		10	3
09680	D-812699-1		10	4
88044	D-813172		12	16
09680	D-813173		12	5
09680	D-813203		12	18
09680	D-813205		12	13
09680	D-813209		12	14
09680	D-813212		12	9
09680	D-813672		12	8
09680	D-813967		6	10
09680	D-813968		6	3
09680	D-813988		6	13
09680	D-814234		6	17
09680	D-814309		6	27
09680	D-814313		9	21
09680	D-814314		9	23
09680	D-814316		12	11
09680	D-814317		12	3
09680	D-814323		8	27
09680	D-814323		9	25
88044	D-814324		6	7
09680	D-814325		6	8
09680	D-814326		5	5
09680	D-814327		6	26

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
09680	D-814328		6	25
09680	D-814329		8	4
09680	D-814330		8	36
09680	D-814331		8	34
09680	D-814332		8	22
09680	D-814332		8	47
09680	D-814334		8	44
09680	D-814335		8	42
09680	D-814336		8	14
09680	D-814337		8	7
09680	D-814339		8	13
09680	D-814348		6	16
09680	D-814349		8	11
09680	D-814352		10	8
09680	D-814353		12	17
09680	D-814354		12	12
09680	D-814357		6	2
09680	D-814358		6	24
09680	D-814392		8	30
09680	D-814397		12	15
09680	DN-275		12	1
09680	DS-46-134		12	7
09680	DS-46-145		6	5
09680	DS-46-37		8	40
09680	D239490		6	8
09680	EPDM		21	12
09680	F-11		10	9
09680	F-721		12	2
09680	F-920-BK		10	11
09680	F-921-1		10	1
09680	G-1197-3		10	2
09680	G-854		10	12
09680	G-855		10	7
09680	G-856-6		10	6
09680	H-113-RE		17	20
09680	H-1668-B		17	16
09680	H-18-1		12	10
09680	H-195-RE		17	13
09680	H-2061-M		17	2
09680	H-213-RE		17	12
09680	H-305-RE		17	4
09680	H-3673-M	4030-00-803-0272	17	26
09680	H-3804-AS		17	21
09680	H-428-RAS		17	11
09680	H-4446		17	22
09680	H-534-RAS		17	7

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
09680	H-538-RE		17	17
09680	H-7012-RE		17	19
09680	H-8163-M		17	15
09680	H-8164-RE		17	14
09680	H-9209-M		17	24
09680	H-9210-M		17	23
09680	H-9597-RB	4930-01-120-9602	17	25
09680	H-9600-AS		17	1
09680	H10130		17	3
09680	H10132		17	8
09680	H10133M		17	5
09680	H10134-M		17	10
09680	H10135-M		17	6
09680	H10136M		17	28
09680	H10137-M		17	18
09680	H1434M	5365-00-926-5411	1	16
09680	H1434M	5365-00-926-5411	3	8
09680	H1434M	5365-00-926-5411	4	10
09680	H1434M	5365-00-926-5411	19	7
09680	H1434M	5365-00-926-5411	16	36
09680	H1434M	5365-00-926-5411	19	21
09680	H1434M	5365-00-926-5411	20	13
09680	H1434M	5365-00-926-5411	23	18
81718	H1434M	5365-00-926-5411	24	33
81718	H1670M		17	9
09680	IB415		6	28
70847	J215	4730-00-078-2519	1	11
70847	J215	4730-00-078-2519	1	18
70847	J215	4730-00-078-2519	1	24
70847	J215	4730-00-078-2519	1	29
70847	J215	4730-00-078-2519	3	13
70847	J215	4730-00-078-2519	4	9
70847	J215	4730-00-078-2519	4	15
70847	J215	4730-00-078-2519	16	16
70847	J215	4730-00-078-2519	19	16
70847	J215	4730-00-078-2519	20	6
70847	J215	4730-00-078-2519	23	9
70847	J215	4730-00-078-2519	24	5
70847	J215	4730-00-078-2519	24	11
70847	J215	4730-00-078-2519	24	17
70847	J215	4730-00-078-2519	24	22
70847	J215	4730-00-078-2519	25	9
70847	J230		13	6
70847	J230		13	14

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70847	J230		16	6
70847	J230		19	6
70847	J230		23	15
70847	J230		25	16
70847	J308		16	26
70847	J308		23	27
70847	KF06-04PS		6	22
70847	KF06-04PS		9	16
09680	KF06-04PS90	4730-00-078-2519	6	30
09680	KF06-06PS	4730-00-078-2519	9	13
09680	KF06-08PS	4730-00-078-2519	9	18
09680	KF12-08PS	4730-00-078-2519	9	29
09680	MS20392-3C35	5315-00-812-1236	18	1
09680	MS24665-134	5315-00-839-5820	18	2
96906	MS27021-11	4730-00-938-7996	13	4
96906	MS27021-11	4730-00-938-7996	13	12
96906	MS27021-11	4730-00-938-7997	16	4
96906	MS27021-11	4730-00-938-7996	19	4
96906	MS27021-11	4730-00-938-7996	23	13
96906	MS27021-11	4730-00-938-7996	25	14
96906	MS27021-17	4730-00-649-7388	1	12
96906	MS27021-17	4730-00-649-7388	1	19
96906	MS27021-17	4730-00-649-7388	1	25
96906	MS27021-17	4730-00-649-7388	1	30
96906	MS27021-17	4730-00-649-7388	3	14
96906	MS27021-17	4730-00-649-7388	4	7
96906	MS27021-17	4730-00-649-7388	4	13
96906	MS27021-17	4730-00-649-7388	16	14
96906	MS27021-17	4730-00-649-7388	19	14
96906	MS27021-17	4730-00-649-7388	20	4
96906	MS27021-17	4730-00-649-7388	23	7
96906	MS27021-17	4730-00-649-7388	24	3
96906	MS27021-17	4730-00-649-7388	24	9
09680	MS27021-17	4730-00-649-7388	24	15
09680	MS27021-17	4730-00-649-7388	24	20
09680	MS27021-17	4730-00-649-7388	25	7
09680	MS27021-9	4730-00-360-0592	16	24
09680	MS27021-9	4730-00-360-0592	23	25
96906	MS27022-11	4730-00-938-7997	13	15
96906	MS27022-11	4730-00-938-7997	16	18
96906	MS27022-11	4730-00-938-7997	19	18
96906	MS27022-11	4730-00-938-7997	16	18
96906	MS27022-11	4730-00-938-7997	19	18
96906	MS27022-11	4730-00-938-7997	25	20
96906	MS27022-17	4730-00-840-0797	4	18
96906	MS27022-17	4730-00-840-0797	20	7

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS27023-17	4730-00-840-5347	1	6
96906	MS27023-17	4730-00-840-5347	3	10
96906	MS27023-17	4730-00-840-5347	4	3
96906	MS27023-17	4730-00-840-5347	16	8
96906	MS27023-17	4730-00-840-5347	19	8
96906	MS27023-17	4730-00-840-5347	20	9
96906	MS27023-17	4730-00-840-5347	23	2
96906	MS27023-17	4730-00-840-5347	24	27
96906	MS27023-17	4730-00-840-5347	25	2
96906	MS27024-11	4730-00-649-9103	13	9
96906	MS27024-17	4730-00-088-9286	4	17
09680	MS27025-11	4730-00-360-0943	13	5
09680	MS27025-11	4730-00-360-0943	13	13
09680	MS27025-11	4730-00-360-0943	16	5
09680	MS27025-11	4730-00-360-0943	19	5
09680	MS27025-11	4730-00-360-0943	23	14
96906	MS27025-11	4730-00-360-0943	25	15
96906	MS27025-17		1	13
96906	MS27025-17		1	20
96906	MS27025-17		1	26
96906	MS27025-17		1	31
96906	MS27025-17		3	15
96906	MS27025-17		4	8
96906	MS27025-17		4	14
96906	MS27025-17		16	15
96906	MS27025-17		19	15
96906	MS27025-17		20	5
96906	MS27025-17		23	8
96906	MS27025-17		24	4
96906	MS27025-17		24	10
96906	MS27025-17		24	16
96906	MS27025-17		24	21
96906	MS27025-17		25	8
96906	MS27025-9	4730-00-948-1722	16	25
96906	MS27025-9	4730-00-948-1722	23	26
96906	MS27026-11	4730-00-088-9285	13	16
09680	MS27026-11	4730-00-088-9285	16	17
09680	MS27026-11	4730-00-088-9285	19	17
09680	MS27026-11	4730-00-088-9285	23	17
09680	MS27026-11	4730-00-088-9285	25	18
09680	MS27026-17	4730-00-649-9118	20	8
96906	MS27026-9	4730-00-203-1010	16	1
96906	MS27027-17	4730-00-840-5348	1	9
96906	MS27027-17	4730-00-840-5348	3	6
96906	MS27027-17	4730-00-840-5348	4	1

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS27027-17	4730-00-840-5348	16	11
96906	MS27027-17	4730-00-840-5348	19	11
96906	MS27027-17	4730-00-840-5348	20	11
96906	MS27027-17	4730-00-840-5348	23	4
96906	MS27027-17	4730-00-840-5348	24	24
96906	MS27027-17	4730-00-840-5348	25	4
96906	MS27028-11	5340-00-823-5318	13	19
96906	MS27028-11	5340-00-823-5318	16	20
96906	MS27028-11	5340-00-823-5318	19	1
96906	MS27028-11	5340-00-823-5318	23	21
96906	MS27028-11	5340-00-823-5318	25	24
96906	MS27028-17	4730-00-640-6156	1	1
96906	MS27028-17	4730-00-640-6156	3	11
96906	MS27028-17	4730-00-640-6156	4	4
96906	MS27028-17	4730-00-640-6156	16	9
09680	MS27028-17	4730-00-640-6156	19	9
09680	MS27028-17	4730-00-640-6156	20	1
09680	MS27028-17	4730-00-640-6156	24	12
09680	MS27028-17	4730-00-640-6156	25	1
09680	MS27028-9		16	27
09680	MS27028-9		23	28
96906	MS27029-11	4730-00-915-5127	13	18
96906	MS27029-11	4730-00-915-5127	16	21
96906	MS27029-11	4730-00-915-5127	19	20
96906	MS27029-11	4730-00-915-5127	23	22
96906	MS27029-11	4730-00-915-5127	25	25
96906	MS27029-17	4730-00-640-6188	1	15
96906	MS27029-17	4730-00-640-6188	2	1
96906	MS27029-17	4730-00-640-6188	3	1
96906	MS27029-17	4730-00-640-6188	4	16
96906	MS27029-17	4730-00-640-6188	16	19
96906	MS27029-17	4730-00-640-6188	19	19
96906	MS27029-17	4730-00-640-6188	20	12
96906	MS27029-17	4730-00-640-6188	23	20
96906	MS27029-17	4730-00-640-6188	24	12
96906	MS27029-17	4730-00-640-6188	25	23
96906	MS27029-9		16	27
96906	MS27029-9		23	29
96906	MS27183	5310-00-080-6004	4	23
96906	MS27183-14	5310-00-080-6004	1	5
96906	MS27183-14	5310-00-080-6004	3	4
09680	MS27183-14	5310-00-080-6004	16	34
09680	MS27183-14	5310-00-080-6004	19	25
09680	MS27183-14	5310-00-080-6004	20	17
09680	MS27183-14	5310-00-080-6004	23	34
09680	MS27183-14	5310-00-080-6004	24	32

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09680	MS27183-14	5310-00-080-6004	25	28
96906	MS35307-363	5305-00-208-1429	2	7
96906	MS35338-141	5310-00-984-7042	2	9
96906	MS35338-46		1	3
96906	MS35338-46		3	3
96906	MS35338-46		4	24
96906	MS35338-46		16	35
96906	MS35338-46		16	36
96906	MS35338-46		19	26
96906	MS35338-46		20	16
96906	MS35338-46		23	33
96906	MS35338-46		24	31
96906	MS35338-46		25	29
96906	MS49000-17	4730-01-064-0560	13	17
96906	MS49000-17	4730-01-064-0560	16	7
96906	MS49000-17	4730-01-064-0560	19	7
96906	MS49000-17	4730-01-064-0560	23	10
96906	MS49000-17	4730-01-064-0560	25	11
96906	MS49000-19	4730-01-186-0821	13	1
96906	MS49000-5	4730-00-951-3295	16	30
96906	MS49001-11		23	19
96906	MS51846-152	4730-00-222-1844	13	8
96906	MS51967-8	5310-00-732-0558	1	2
96906	MS51967-8	5310-00-732-0558	3	2
96906	MS51967-8	5310-00-732-0558	4	21
96906	MS51967-8	5310-00-732-0558	16	32
96906	MS51967-8	5310-00-732-0558	19	23
96906	MS51967-8	5310-00-732-0558	20	14
96906	MS51967-8	5310-00-732-0558	23	31
96906	MS51967-8	5310-00-732-0558	24	29
96906	MS51967-8	5310-00-732-0558	25	26
96906	MS51971-3	5310-00-913-8881	2	8
96906	MS87006-3	4030-00-270-5436	24	25
96906	MS87006-33	4030-00-948-7315	18	5
96906	MS90725-65	5305-00-269-3215	1	4
96906	MS90725-65	5305-00-269-3215	3	5
96906	MS90725-65	5305-00-269-3215	4	22
96906	MS90725-65	5305-00-269-3215	16	33
96906	MS90725-65	5305-00-269-3215	19	24
96906	MS90725-65	5305-00-269-3215	20	15
96906	MS90725-65	5305-00-269-3215	23	32
96906	MS90725-65	5305-00-269-3215	24	30
96906	MS90725-65	5305-00-269-3215	25	27
96906	MS90725-78	5305-00-269-3228	20	18
81349	M52618/2A18XA	4730-01-190-5536	25	21

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
09680	OA-347		8	6
09680	OAX325		8	16
09680	OAX-332		8	39
09680	OF-726-V		10	10
76364	P-8449		21	1
76364	P2860		21	20
76364	P2868		20	20
76364	P2868		21	
81348	RR-C-271 TRADE35 TYPEII, CLASS3		18	6
09680	S-3		9	26
09680	S-4		9	24
09680	S-5		9	27
09680	S-8		9	22
92021	SP-19-9A		22	7
92021	SP-20-13		22	13
92021	SP-20-15		22	9
92021	SP-20-16		22	10
92021	SP-20-17		22	1
92021	SP-20-20		22	11
92021	SP-20-21		22	8
92021	SP-20-4A		22	2
92021	SP-20-8B		28	14
92021	SPA-20-1		22	16
92021	SPA-20-2		22	15
92021	SPA-20-3		22	12
92021	SPA-20-52		20	21
92021	SPA-20-52		22	
92021	SPD-19-4		22	3
92021	SPH-19-5A	4820-01-056-3488	22	5
92021	SPK-19-10	5330-01-052-2237	22	6
92021	SPK-19-6A	5330-01-143-6451	22	4
09680	V-8764-B		8	5
09680	VM-8793		8	2
81348	WW-P-351CL1 4X6		4	19
81348	ZZ-H-561, GRA STLA,CL2TY, 2-IN		BULK	1
81348	ZZ-H-561, GRA, STLA, CL2TY2, 4-IN		BULK	2
81348	ZZ-H-561, GRASTLA CL2TY2,4 IN X 10 FT		1	27
81348	ZZ-H-561, GRASTLA CL2TY2,4 IN X 10 FT		24	19
81348	ZZ-H-561, GRASTLA CL2TY2,4 IN X 10 FT		4	6

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81348	ZZ-H-561, GRADE A,STLA CL2TY2, 2-IN X 20-FT		13	11
81348	ZZ-H-561, GRADE A, STLA CL2TYPE2, 4IN X 20FT		24	14
81348	ZZ-H-561, GRASTLA CL2TY2, 4 IN X 20 FT		1	32
81348	ZZ-H-601, GR3, CL2, 2IN		BULK	3
81348	ZZ-H-601, GR 3, CL2, 4IN		BULK	4
81348	ZZ-H-601, GR3, CL2, 1-1/2 IN		BULK	5
81348	ZZ-H-601, GRADE 3 CLASS 2, 2 IN X 20 FT		16	3
81348	ZZ-H-601, GRADE 3 CLASS 2, 2IN X 20 FT		25	13
81348	ZZ-H-601, GRADE 3 CL2, 4 IN X 20 FT		19	13
81348	ZZ-H-601, GRADE 3 CLASS 2, 1 1-2X25FT		16	23
81348	ZZ-H-601, GRADE 3 CLASS 2, 2 IN X 20 FT		13	3
81348	ZZ-H-601 GRADE 3 CLASS 2, 2 IN X 20 FT		19	3
81349	ZZ-H-601, GRADE 3 CLASS 2, 2 IN X 20 FT		23	12
81349	ZZ-H-601 GRADE 3 CLASS 2, 4 IN X 20 FT		23	6
81348	ZZ-H-601 GRADE 3 CLASS 2, 4 IN X 20 FT		25	6
81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 20 FT		4	12
81348	ZZ-H-601, GRADE 3 CLASS 2, 4IN X 20 FT		16	13
81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 10 FT		1	21
81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 20 FT		1	14
81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 20 FT		3	16
81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 20 FT		20	3
81348	ZZ-H-601, GRADE 3 CLASS 2, 4 IN X 20 FT		24	2
81348	ZZ-H-601, GRD 3 CL 2 1 1/2 IN X 25 FT		23	24

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FSCM	PART NUMBER	FIG.	ITEM
21368	045	9	1
21368	045-1	9	7
21368	045-10	9	11
21368	045-2	9	6
21368	045-3	9	10
21368	045-4	9	8
21368	045-5	9	9
21368	045-6	9	4
21368	045-7	9	5
21368	045-8	9	3
21368	045-9	9	2
09680	10347P058	7	9
76364	1151	13	7
76364	1151	14	
76364	1151	16	37
76364	1151	19	27
76364	1151	23	35
76364	1151	25	31
97403	13216E8243	20	10
97403	13216E8243	4	2
97403	13216E8243	1	8
97403	13216E8243	3	9
97403	13216E8243	16	10
97403	13216E8243	19	10
97403	13216E8243	24	26
97403	13216E8243	25	3
97403	13216E8243	23	3
97403	13219E0477	23	16
97403	13219E0477	25	17
97403	13220E1069-1	24	28
97403	13220E1069-1	5330-01-141-1864	7
97403	1322031069-1	5330-01-141-1864	7
97403	13220E1069-1	5330-01-141-1864	20
97403	13220E1069-1	5330-01-141-1864	31
97403	13220E1069-1	5330-01-141-1864	22
97403	13220E1069-1	5330-01-141-1864	19
97403	13220E1069-1	5330-01-141-1864	30
97403	13220E1069-1	5330-01-141-1864	10
97403	13220E1071	4820-01-159-0439	22
97403	13220E1071	4820-01-159-0439	25
97403	13220E1071	4820-01-159-0439	1
97403	13220E1071	4820-01-159-0439	4
97403	13220E1071	4820-01-159-0439	24
97403	13220E1071	4820-01-159-0439	33
97403	13225E9096	25	30
97403	13225E9096	6	1
97403	13225E9096	16	
97403	13225E9096	16	38
97403	13225E9096	17	
97403	13225E9111	4610-01-120-7528	23
97403	13225E9112	4320-01-120-7523	3

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97403	13225E9113	4320-01-120-7524	13	
97403	13225E9113	4320-01-120-7524	13	20
97403	13225E9113-10		15	
97403	13225E9114	4610-01-120-7526	1	
97403	13225E9115	4610-01-120-7522	2	
97403	13225E9117	4610-01-123-7705	16	
97403	13225E9129	4610-01-123-0644	25	
97403	13225E9132	4610-01-140-6776	19	
97403	13225E9133	4610-01-140-6775	20	
97403	13225E9135-2	4720-01-163-4684	13	10
97403	13225E9135-3	4720-01-163-4685	1	23
97403	13225E9135-3	4720-01-163-4685	24	18
97403	13225E9135-4	4720-01-163-5089	4	5
97403	13225E9135-4	4720-01-163-5089	24	13
97403	13225E9135-4	4720-01-163-5089	1	28
97403	13225E9136-11	4720-01-174-8173	23	23
97403	13225E9136-2	4720-01-138-8986	13	2
97403	13225E9136-2	4720-01-138-8986	16	2
97403	13225E9136-2	4720-01-138-8986	19	2
97403	13225E9136-2	4720-01-138-8986	23	11
97403	13225E9136-2	4720-01-138-8986	25	12
97403	13225E9136-3	4720-01-163-4682	1	7
97403	13225E9136-3	4720-01-163-4682	24	7
97403	13225E9136-4	4720-01-140-6288	1	17
97403	13225E9136-4	4720-01-140-6288	1	10
97403	13225E9136-4	4720-01-140-6288	3	12
97403	13225E9136-4	4720-01-140-6288	16	12
97403	13225E9136-4	4720-01-140-6288	19	12
97403	13225E9136-4	4720-01-140-6288	20	2
97403	13225E9136-4	4720-01-140-6288	23	5
97403	13225E9136-4	4720-01-140-6288	24	1
97403	13225E9136-4	4720-01-140-6288	25	5
97403	13225E9136-4	4720-01-140-6288	4	1
97403	13225E9139-3		16	29
97403	13225E9140	4930-01-120-7426	16	39
97403	13225E9140	4930-01-120-7426	18	4
97403	13225E9140	4930-01-120-7426	19	28
97403	13225E9140	4930-01-120-7426	21	22
97403	13225E9145		18	4
97403	13225E9146		18	3
97403	13225E9148		24	
97403	13225E9136-11		16	22
81718	1434M	5365-00-926-5411	25	19
76364	1516-J		15	7
09680	15609P024		7	17
76364	1726-N		21	11
81718	190GW		6	1

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
71229	1955-2	4610-01-154-1213	4	26
71229	1955-2	4610-01-154-1213	5	
76364	201-4-J		14	10
76364	2093-N		2	17
09680	22032P042		7	18
76364	23194N		2	10
76364	2328J		14	8
76364	26148J		14	7
76364	26264N		2	11
76364	26399-N		21	16
76364	26462-N-615		21	8
76364	282H		14	3
76364	2855L		2	3
76364	3042N		2	12
76364	311K		14	1
76364	31112H		2	1
76364	32105J		14	6
76364	363-H		2	5
76364	3639J		14	4
76364	38194-N		21	13
76364	3892J		14	3
76364	4046J		15	1
09680	413-0568-012		12	6
09680	413-0568-012		12	9
09680	413-0568-210		8	28
09680	416-3301-010		11	16
09680	416-3301-011		11	8
09680	416-3309-055		11	6
09680	416-3309-090		11	4
09680	416-3311-006		11	7
09680	416-3312-006		11	5
09680	416-3391-001		6	21
09680	416-3391-001		6	31
09680	416-3391-001		9	14
09680	416-3391-001		9	19
09680	416-3391-003		9	30
09860	417-0022-026		11	15
09680	417-0022-042		11	10
09680	417-0036-024		11	14
09680	417-0037-056		11	13
09680	417-0037-057		11	11
09680	417-0052-125		11	12
76364	4210J		15	4
76364	42136-N		21	3
76364	4253-E		2	13
09680	42710P003	5330-01-206-1278	7	22
76364	4310J		14	9

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
76364	437-N		2	14
76364	438-N		2	15
76364	4404J		15	2
76364	45199-N		21	4
09860	5		8	48
09860	500S	6685-01-209-1124	6	23
09680	51006G007		7	1
09680	51010P004		7	8
09680	51015G003		7	3
09680	51017G008		7	4
09680	51018P002		7	5
09680	51019G004		7	7
09680	51023P033		7	14
09680	51025G031		7	2
09680	51026P002	4730-01-206-4241	7	23
09680	51027P001		7	19
09680	51028P002		7	20
09680	51030P007		7	21
09680	51031K017		7	15
09680	51032P045		7	13
09680	51033P002		7	12
09680	51034P002		7	11
09680	51068P102	5330-01-027-6330	7	16
09680	51091P021		10	6
09680	51210G001		7	10
76364	5133-18		8	46
76364	52109-37		15	5
76364	5921H		15	6
76364	5988-N-611		21	7
76364	5996-R		21	17
76364	65103J		14	5
76364	65146K		2	6
76364	6595-N		21	5
76364	6596B		21	15
76364	6996-B-911		21	9
76364	6596B		29	6
76364	66173N		2	16
76364	70170-N		21	2
76364	10171N		2	4
76364	7410-N-750		21	10
76364	7411-N		21	14
76364	7660-H		14	2
76364	7660-L		2	2
76364	7959-H		21	18
71229	805286-3		10	
76364	8621-N-940		21	
76364	869-N		21	

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Official:

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

DATE SENT

PUBLICATION NUMBER

TM 5-4610-228-23P

PUBLICATION DATE

18 June 1987

PUBLICATION TITLE

Water Distribution System

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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The Metric System and Equivalents

Linear Measure

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

Weights

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

Liquid Measure

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

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

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

Temperature (Exact)

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

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LOCATION	QUANTITY	UNIT OF ISSUE	ACTION	RON DATE	
F3264	1	EA		7257	
PKG SIZE	ITEM NO.	BULK/RCPT DATE	SLAGPC CONTROL NO.		
	375058	BLK7258	7259	03636	
ZCNE 4					

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