

TECHNICAL MANUAL

UNIT AND DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR

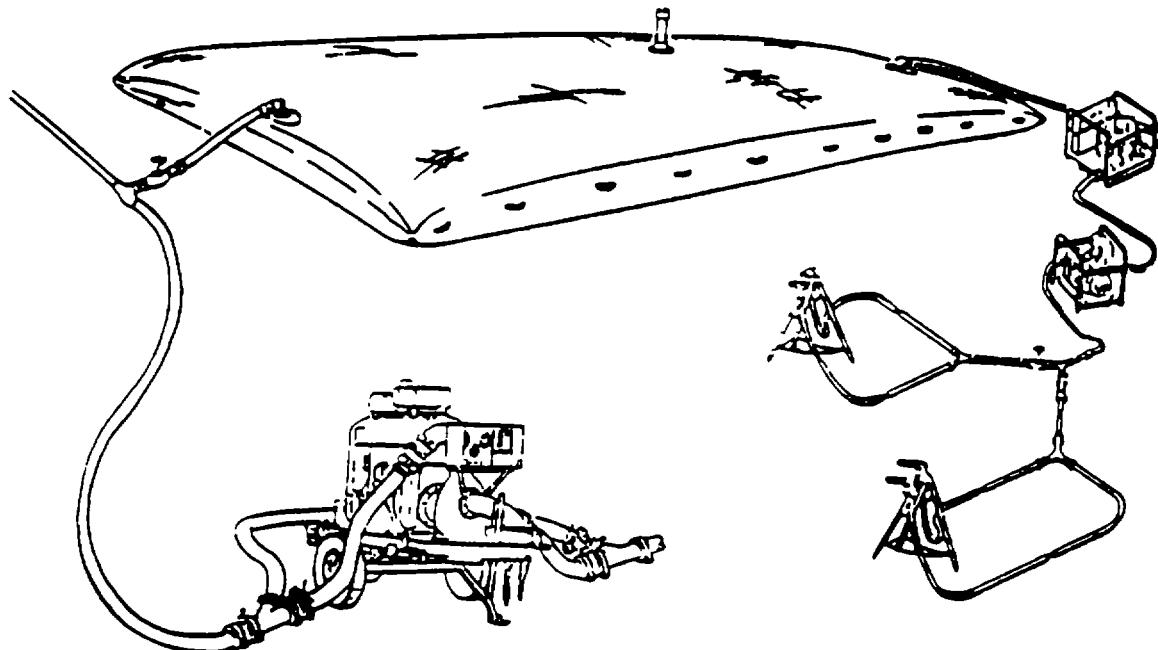
TACTICAL WATER DISTRIBUTION EQUIPMENT
SYSTEM (TWDS) SET
10-MILE SEGMENT

MODEL 06749-0183-81 (NSN 4320-01-122-3547)

MODEL 110-00-0000 (NSN 4320-01-168-0591)

MODEL 919 (NSN 4320-01-168-0590)

MODEL 10 (NSN 4320-01-221-6006)



DISTRIBUTION STATEMENT A: Approved for public release, distribution is unlimited.

*This manual, together with TM 10-4320-344-24P -1, -2 and -3, dated 4 April 1994 supersedes TM 5-4320-303-24P, dated 30 November 1988

HEADQUARTERS, DEPARTMENT OF THE ARMY
4 APRIL 1994

TECHNICAL MANUAL
NO 10-4320-303-23P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D C, 4 April 1994

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Repair Parts and Special Tools List
for**

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Current as of 31 July 1993

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help Improve this manual If you find any mistakes or If you know of a way to Improve 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, US Army Aviation and Troop Command, ATTN AMSAT-I-MP, 4300 Goodfellow Blvd, St. Louis, MO 63120-1798 A reply will be furnished directly to you.

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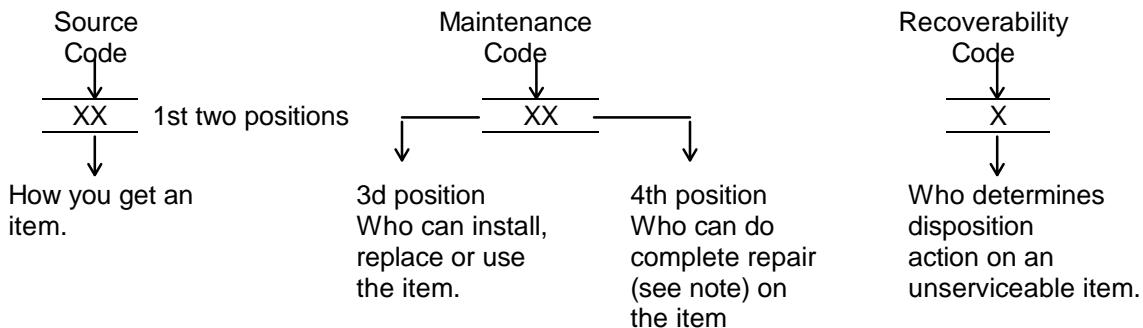
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UNIT AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I INTRODUCTION

1. SCOPE This RPSTL lists and authorizes spares and repair parts, special tools, special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of unit and direct support maintenance of the Tactical Water Distribution Equipment System (TWDS) Set 19-Mile Segment It authorizes the repositioning, Issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes
2. GENERAL. In addition to this section, Introduction, this Repair Parts and Special Tools List is divided into the following sections:
 - a Section II Repair Parts List A list of spares and repair parts authorized by this RPSTL for use In the performance of maintenance This list also Includes parts which must be removed for replacement of the authorized parts Parts lists are composed of functional groups In ascending alphanumeric sequence, with the parts In each group listed in ascending figure and Item number sequence Bulk materials are listed In Item name sequence Items are shown in the associated Illustration(s)/figure(s)
 - b Section III Special Tools List A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information In DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance
 - c Section IV Cross-Reference Index A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered Items appearing in the listing, followed by a list In alphanumeric sequence of all part numbers appearing In the listings National stock numbers and part numbers are cross referenced to each Illustration figure and Item number appearance The figure and Item number Index lists figure and Item numbers In alphanumeric sequence and cross references NSN, CAGEC and part number
3. EXPLANATION OF COLUMNS (SECTIONS II AND III).
 - a ITEM NO (Column (1)) Indicates the number used to identify Items called out In the Illustration
 - b SMR Code (Column (2)) The Source, Maintenance, and Recoverability (SMR) code Is a 5-position code containing supply/requisitioning Information, maintenance category authorization criteria, and disposition instruction, as shown In the following breakout



* Complete Repair Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function In a use/user environment In order to restore serviceability to a failed Item

(1) Source Code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Source Code	Explanation
PA PB PC** PD PE PF PG	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3rd position of the SMR code.
	**NOTE: Items coded PC are subject to deterioration.
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
MO- (Made at Unit/AVUM Level) MF- (Made at DS/AVUM Level) MH- (Made at GS Level) ML- (Made at Specialized Repair Activity (SRA)) MD- (Made at Depot)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION and USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
AO- (Assembled by Unit/AVUM Level) AF- (Assembled by DS/AVIM Level) AH- (Assembled by GS Category) AL- (Assembled by SRA) AD- (Assembled by Depot)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position code of the SMR code authorizes you to replace the item, but the source code indicates the items are assembled at a higher level, order the item from the higher level of maintenance.
XA- XB- XC- XD-	Do not requisition "XA"-coded item. Order its next higher assembly. (Refer to the NOTE below.) If an UXB" item is not available from salvage, order it using the CAGEC and part number given. Installation drawing, diagram, instruction sheet, field service drawing, that is identified manufacturer's part number. Item is not stocked. Order an XD"-coded item through normal supply channels using the CAGEC and part number given, if no NSN is available.

NOTE

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

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

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

Maintenance Code	Application/Explanation
-----------------------------	--------------------------------

C-	Crew or operator maintenance done within unit/AVUM maintenance.
O-	Unit level/AVUM maintenance can remove, replace, and use the item.
F-	Direct support AVIM maintenance can remove, replace, and use the item.
H-	General support maintenance can remove, replace, and use the item.
L-	Specialized repair activity can remove, replace, and use the item.
D-	Depot 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 an item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart and SMR codes

Maintenance Code	Application/Explanation
-----------------------------	--------------------------------

O-	Unit/AVUM is the lowest level that can do complete repair of the item
F-	Direct support/AVIM is the lowest level that can do complete repair of the item
H -	General Support is the lowest level that can do complete repair of the item
L-	Specialized repair activity is the lowest level that can do complete repair of the item
D-	Depot is the lowest level that can do complete repair of the item
Z-	Nonrepairable No repair is authorized
B-	No repair is authorized. No parts or special tools are authorized for the maintenance of a "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level

(3) 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 not economically repairable, condemn and dispose of the item at unit or AVUM level
- F- Reparable item When uneconomically repairable, condemn and dispose of the item at the direct support or AVIM level.
- H- Reparable Item When uneconomically repairable, 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. CAGEC (Column (3)). The Commercial and Government Entity Code (CAGEC) is 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item

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

NOTE

When you use an NSN to requisition an item, the item you receive may have a different part number from the number listed

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) Part numbers of bulk materials are referenced in this column in the line entry to be manufactured/fabricated
 (3) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both Section II and Section III

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 instead of a quantity indicates that the quantity is variable and may vary from application to application

4. EXPLANATION OF INDEX FORMAT AND COLUMNS (SECTION IV)

a. NATIONAL STOCK NUMBER (NSN) INDEX

(1) STOCK NUMBER Column . This column lists the NSN in national item identification number (NIIN) sequence The NIIN consists of the last nine digits of the NSN, i.e.

NSN
5305-01-574-1467
NIIN

When using this column to locate an item, ignore the first four digits of the NSN Use the complete NSN (13 digits) when requisitioning items by stock number.

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

(3) ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG column. This item is also identified by the NSN listed on the same line.

b. PART NUMBER INDEX Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9, and each following letter or digit in like order).

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

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

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

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

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

c. FIGURE AND ITEM NUMBER INDEX

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

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

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

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

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

5. SPECIAL INFORMATION

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

<u>Code</u>	<u>Used On</u>
DTC	Model 609-A
DTQ	Model 609-A
DTR	Model US636HCCD-1
EAM	Model 609-C

b. FABRICATION INSTRUCTIONS Bulk materials required to manufacture items are listed in the Bulk Material Functional Group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in TM10-4320-303-13.

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

d ASSOCIATED PUBLICATIONS The publications listed below pertain to the Tactical Water Distribution Equipment System (TWDS) Set 1 0-Mile Segment and its components

<u>Publication</u>	<u>Short Title</u>
TM10-4320-303-13	Tactical Water Distribution Equipment System (TWDS) Set 10-Mile Segment

6. HOW TO LOCATE REPAIR PARTS

a When National Stock Numbers or Part Numbers are NOT Known

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

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

(3) Third Identify the item on the figure and use the Figure and Item Number Index to find the NSN.

b When National Stock Number or Part Number is Known

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

(2) Second. Turn to the figure and Item number, verify that the Item is the one you are looking for, then locate the Item number In the repair parts list for the figure.

7. ABBREVIATIONS. Abbreviations used In this manual are listed In MIL-STD-12

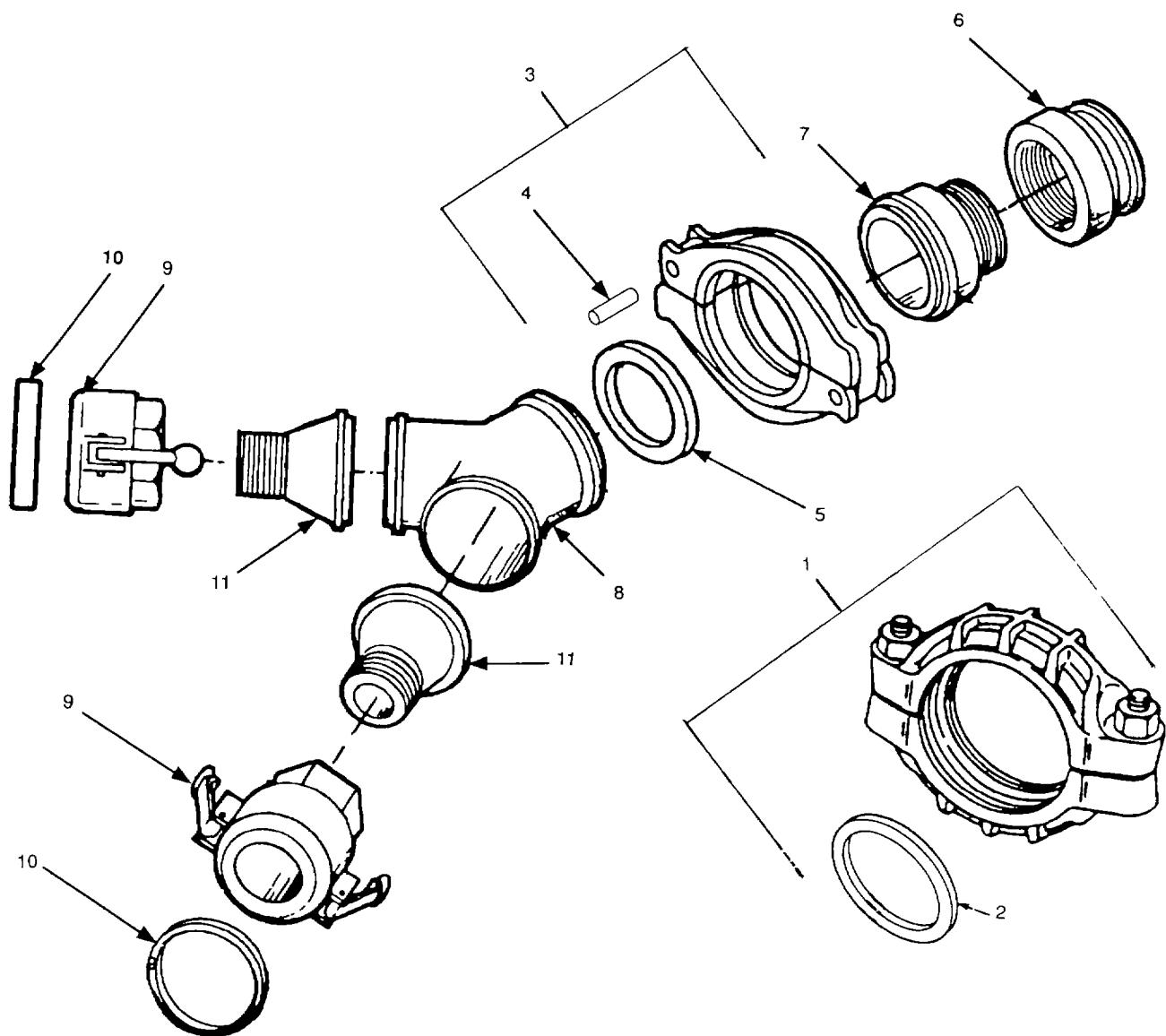


Figure 1. Y-Connection, Reducer

SECTION II		TM10-4320-303-23P		(5)	(6)		
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY			
GROUP 01 TWDS SUPPLY CONNECTION ITEMS							
FIG. 1 Y-CONNECTION, REDUCER							
PBOOO	97403	13225E9190		REDUCER,Y CONNECTIO 6 IN. X 4 IN. X 4 IN	1		
1 PAOOO	81349	M10387-1-D-11		UOC:DTC,DTQ,DTR,EAM			
2 POOZZ	79154	G-060-077-00OEO		COUPLING,CLAMP,PIPE	3		
3 PAOOO	79154	C-060-791-AEB		UOC:DTC,DTQ,DTR,EAM			
4 PAOZZ	79154	P-P69-791-Z-0B		GASKET	3		
5 PCOZZ	79154	G-060-077-OEO		UOC:DTC,DTQ,DTR,EAM			
6 PAOZZ	96906	MS27020-19		GASKET.....	3		
7 PBOZZ	81349	M10388-A-07-AK-1 -C-6A		UOC:DTC,DTQ,DTR,EAM			
8 XBOZZ	97403	13225E9191-10		COUPLING,PIPE	1		
9 PAOZZ	96906	MS27024-17		UOC:DTC,DTQ,DTR,EAM			
10 PAOZZ	96906	MS27030-9		WYE,TRUE,PIPE 6 IN. X 6 IN. X 6 IN	1		
11 XBOZZ	81349	M10388-A28BTIC4A		UOC:DTC,DTQ,DTR,EAM			
				COUPLING HALF,QUICK	2		
				UOC:DTC,DTQ,DTR,EAM			
				GASKET.....	1		
				UOC2DTC,DTQ,DTR,EAM			
				REDUCER,PIPE FITTIN 6 IN	2		
				UOC:DTC,DTQ,DTR,EAM			

END OF FIGURE

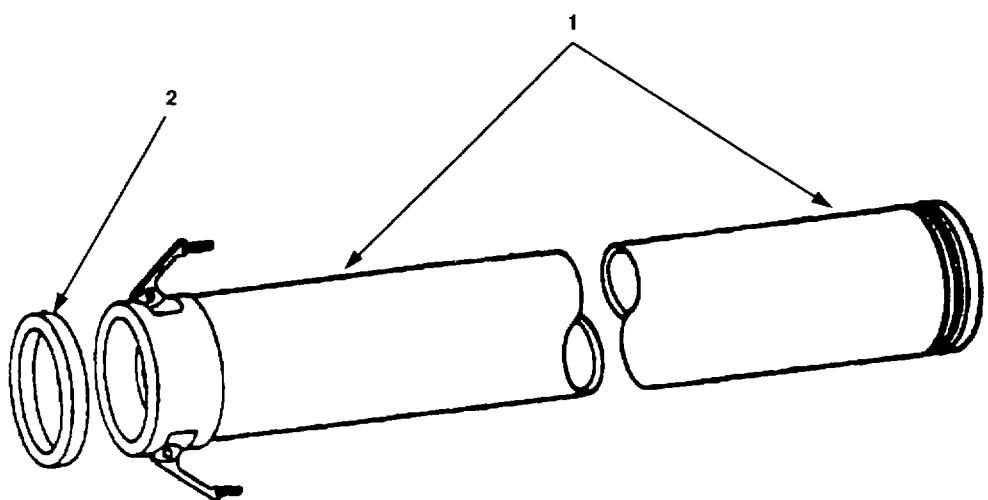


Figure 2. Hose Assembly, Suction, 6 in. x 10 ft.

SECTION II TM10-4320-303-23P
(1) (2) (3) (4) (5) (6)
ITEM NO SMR CODE CAGEC PART NUMBER DESCRIPTION AND USABLE ON CODES(UOC) QTY

GROUP 01 TWDS SUPPLY CONNECTION
ITEMS

FIG. 2 HOSE ASSEMBLY, SUCTION
6 IN X 10 FT

1	PAOZZ	97403	13225E9135-6	HOSE ASSEMBLY,NONME 6.0 IN. X 10.0.....	12
				FT.....	
2	PAOZZ	96906	MS27030-10	UOC:DTC,DTQ,DTR,EAM	
				GASKET.....	1
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

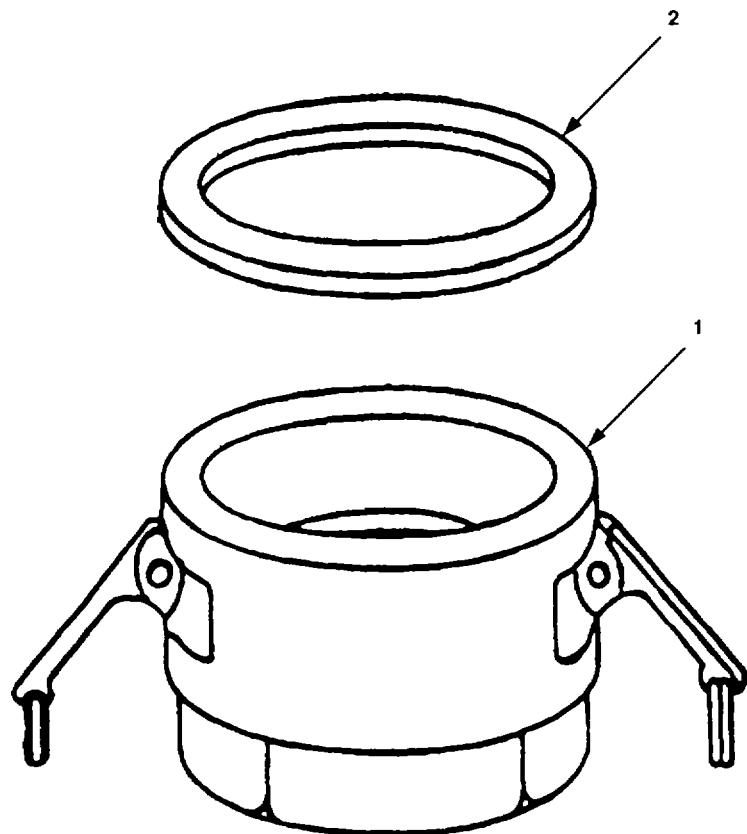


Figure 3. Coupling Half, Quick 6 in.

SECTION II		TM10-4320-303-23P		(5)	(6)		
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY			
GROUP 01 TWDS SUPPLY CONNECTION ITEMS							
FIG. 3 COUPLING HALF, QUICK 6 IN							
1 PAOZZ	96906	MS27024-19		COUPLING HALF,QUICK 6 IN	1		
2 PAOZZ	96906	MS27030-10		UOC:DTC,DTQ,DTR,EAM GASKET.....	1		
				UOC:DTC,DTQ,DTR,EAM			

END OF FIGURE

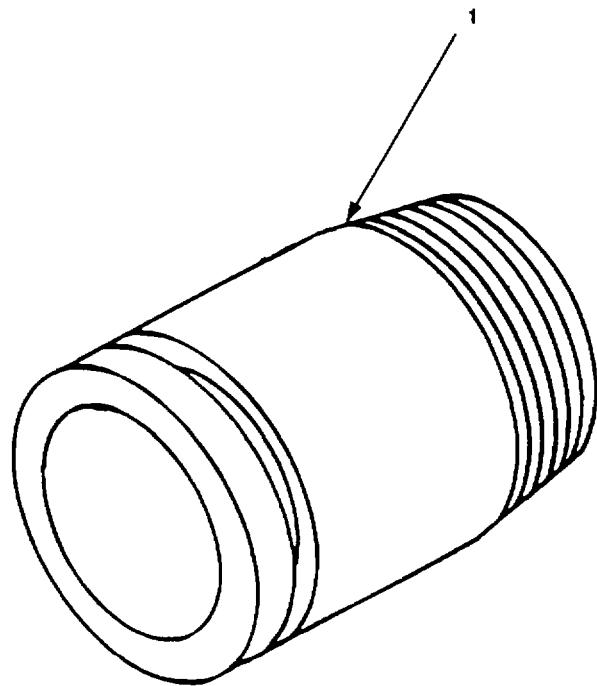


Figure 4. Pipe Fitting, Grooved

SECTION ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC) QTY	
				GROUP 01 TWDS SUPPLY CONNECTION ITEMS	
				FIG. 4 PIPE FITTING, GROOVED	
1 PBOZZ	81349	M10388-A-07-AK-1 -C-6A		COUPLING,PIPE 6 IN	1
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

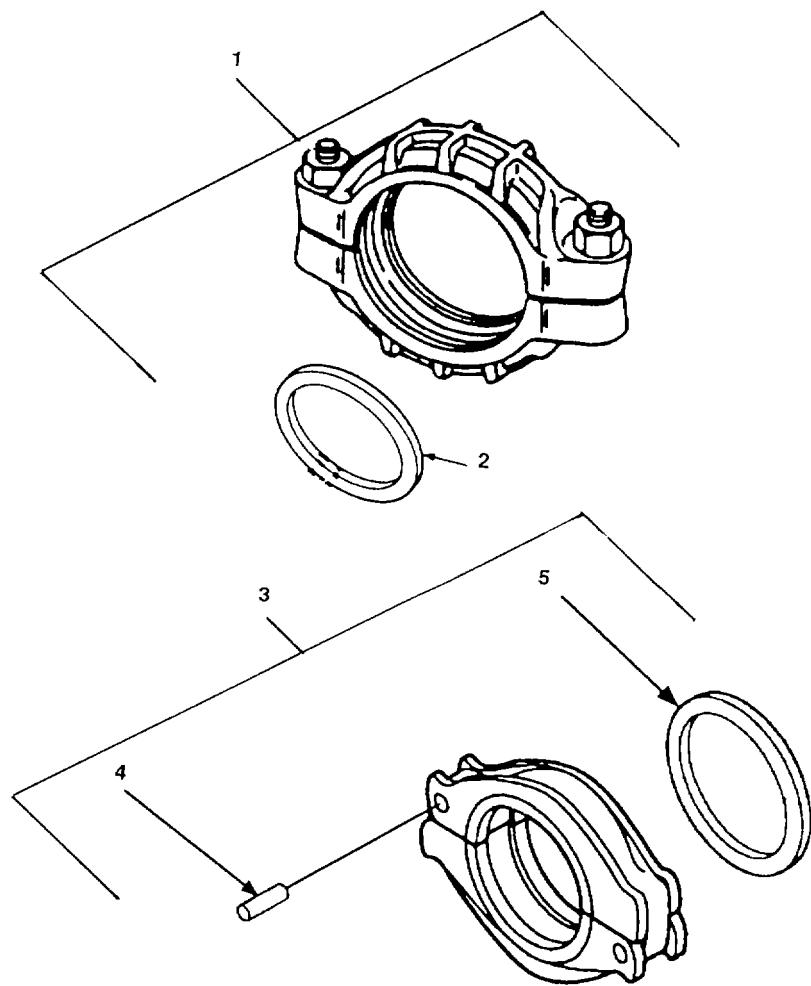


Figure 5. Grooved Coupling, 6 in.

SECTION (1) ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5)	(6)
------------------------------	-------------------	-----------------------------------	-----------------------	-----	-----

DESCRIPTION AND USABLE ON CODES(UOC) QTY

GROUP 02 PUMPING STATION
ITEMS

FIG. 5 GROOVED COUPLING, 6 IN.

PDOFD	97403	13225E9088	PUMPING STATION TWDS,MODEL 609.....	6
1 PAOZZ	81349	M10387-1-D-11	UOC:DTC,DTQ,DTR,EAM COUPLING,CLAMP,PIPE 6 IN	8
2 PAOZZ	79154	G-060-077-0E0	UOC:DTC,DTQ,DTR,EAM GASKET	1
3 PAOOO	79154	C-060-791-AEB	UOC:DTC COUPLING,CLAMP,PIPE 6 IN	8
4 PAOZZ	79154	P-P69-791-Z-0B	UOC:DTC,DTQ,DTR,EAM PIN,LOCKING	1
5 PCOZZ	79154	G-060-077-0E0	UOC:DTC,DTQ,DTR,EAM GASKET	1

END OF FIGURE

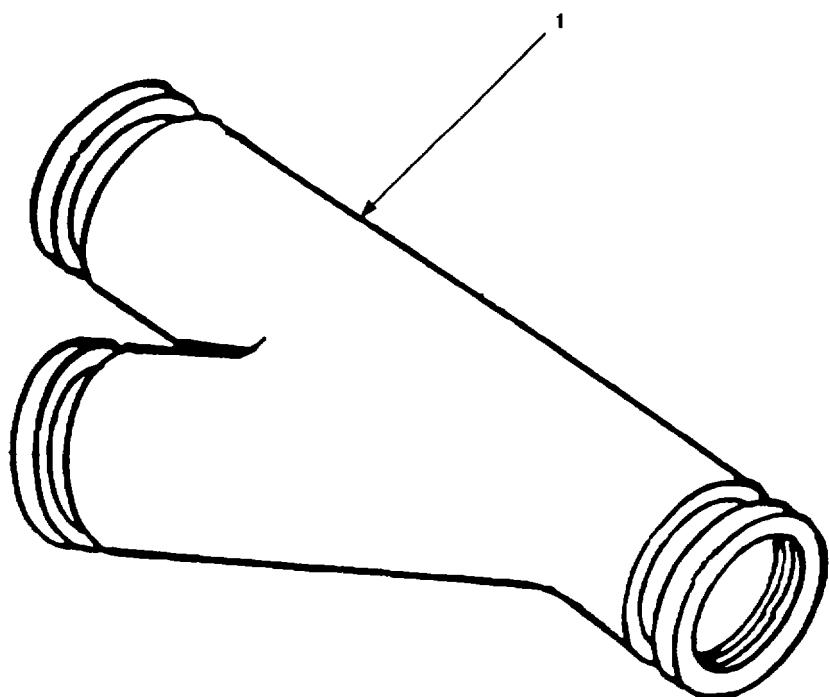


Figure 6. Pipe Fitting, Lateral, 6 in.

SECTION ITEM NO	II SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC) QTY	
				GROUP PUMPING STATION	
				FIG. 6 PIPE FITTING, LATERAL, 6 IN	
1	PBOZZ	81349	M10388-A18AK1C	LATERAL,PIPE 45 DEGREE, 6.0 IN.	2
				DIA	
				UOC DTC,DTQ,DTR,EAM	

END OF FIGURE

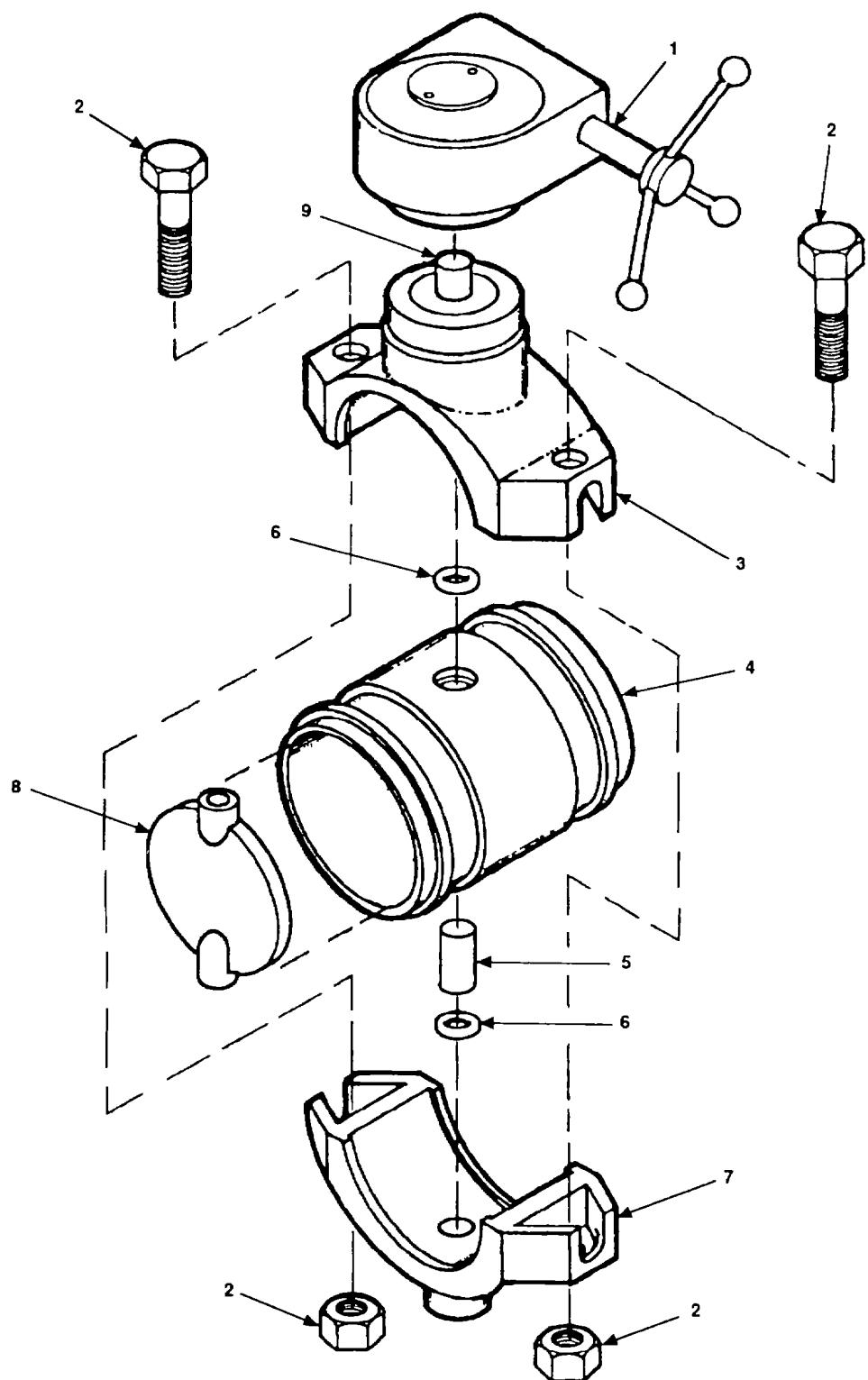


Figure 7. Valve, Butterfly

SECTION ITEM NO	II SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)		
				DESCRIPTION AND USABLE ON CODES(UOC) QTY			
GROUP 02 PUMPING STATION							
FIG. 7 VALVE, BUTTERFLY							
PAOOO	79154	700E6IN		VALVE,BUTTERFLY 6.0 IN	3		
1 XBOZZ	79154	700E6IN-8		UOC:DTC, DTQ,DTR,EAM .HANDLE,MANUAL CONTR GEAR.....	1		
2 XBOZZ	79154	BFVR-700-17/18		OPERATOR, 6.0 IN.....			
3 XBOZZ	79154	700E6IN-1		UOC:DTC,DTQ,DTR,EAM			
4 XBOZZ	79154	700E6IN-3		TRACK BOLT AND NUT	2		
5 XBOZZ	79154	BFVR-700-6		UOC:DTC,DTQ,DTR,EAM			
6 XBOZZ	79154	BFVR-700-13		HOUSING,UPPER 6.0 IN	1		
7 XBOZZ	79154	BFVR-700-2		UOC:DTC,DTQ,DTR,EAM			
8 XBOZZ	79154	700E6IN-7		BODY 6.0 IN	1		
9 XBOZZ	79154	700E61IN-5		UOC:DTC,DTQ,DTR,EAM			
				STEM,FLUID VALVE	1		
				PACKING,PREFORMED 6 IN	2		
				UOC:DTC,DTQ,DTR,EAM			
				HOUSING,LOWER 6.0	1		
				UOC:DTC,DTQ,DTR,EAM			
				DISC 6 IN	1		
				UOC:DTC, DTQ,DTR,EAM			
				STEM,FLUID VALVE 6 IN	1		
				UOC:DTC,DTQ,DTR,EAM			

END OF FIGURE

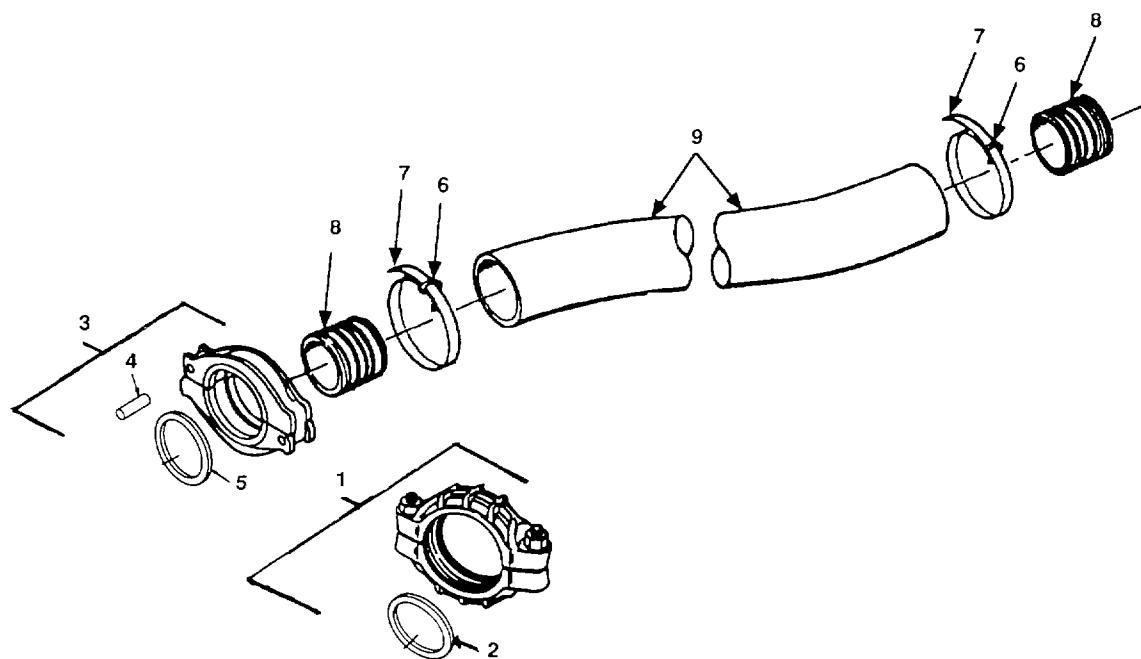


Figure 8. Hose Assembly, Discharge, 10 ft.

SECTION ITEM NO	II SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC) QTY					
GROUP 02 PUMPING STATION					
				FIG. 8 HOSE ASSEMBLY, DISCHARGE 10 FT.	
PAOOO	81349	M53027-0100.		HOSE ASSEMBLY,NONME DISCHARGE, 6.0 IN. DIA. X 10.0 FT. LG	4
1 PAOZZ	81349	M10387-1-D-11		UOC:DTC,DTQ,DTR,EAM	
2 PCOZZ	79154	G-060-077-0E0		COUPLING,CLAMP,PIPE 6.0 IN. DIA	1
3 PAOOO	79154	C-060-791-AEB		UOC:DTC,DTQ,DTR,EAM	
4 PAOZZ	79154	P-P69-791-Z-0B		GASKET	1
5 PCOZZ	79154	G-060-077-0.E0		UOC:DTC,DTQ,DTR,EAM	
6 PAOZZ	70847	L-290		COUPLING,CLAMP,PIPE 6 IN	1
7 MOOZZ	19099	MABZZ		PIN,LOCKING	1
8 XBOZZ	81349	M10388-AO8AKIC6A		UOC:DTC,DTQ,DTR,EAM	
9 XAOZZ	19099	100-56-001AR		BUCKLE,BANDING 3/4 IN	2
				UOC:DTC,DTQ,DTR,EAM	
				STRAPPING MAKE FROM BULK P/N 8 C406 (70847) CUT TO LENGTH	
				UOC:DTC,DTQ,DTR,EAM	
				COUPLING,PIPE 6.0 IN. DIA	2
				UOC:DTC,DTQ,DTR,EAM	
				HOSE,RUBBER	1
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

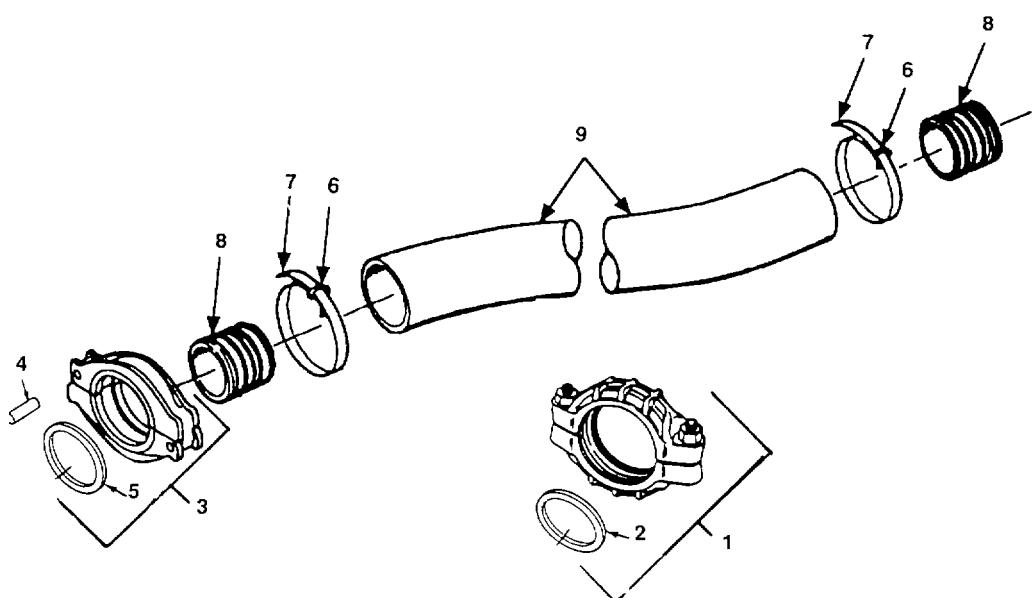


Figure 9. Hose Assembly, Discharge, 20 ft

SECTION ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 02 PUMPING STATION					
FIG. 9 HOSE ASSEMBLY, DISCHARGE 20 FT.					
	PAOOO	97403	13225E9088-5	HOSE ASSEMBLY,NONME DISCHARGE, 6.0 IN. DIA. X 20.0 Fr. LG..... UOC:DTC,DTQ,DTR,EAM	1
1	PAOZZ	81349	M10387-1-D-11	COUPLING,CLAMP,PIPE UOC:DTC,DTQ,DTR,EAM	1
2	PCOZZ	79154	G-060-077-0E0	GASKET..... UOC: DTC,DTQ,DTR,EAM	1
3	PAOOO	79154	C-060-791-AEB.	COUPLING,CLAMP,PIPE UOC:DTC,DTQ,DTR,EAM	1
4	PAOZZ	79154	P-P69-791-Z-0B	PIN,LOCKING	1
5	PCOZZ	79154	G-060-077-0E0	UOC: DTC,DTQ,DTR,EAM	1
6	PAOZZ	70847	L-290	GASKET..... UOC:DTC,DTQ,DTR,EAM	1
7	MOOZZ	19099	MABZZ	BUCKLE,BANDING 3/4 IN..... UOC:DTC,DTQ,DTR,EAM	2
8	XBOZZ	81349	M10388-A08AK1C6A	STRAPPING MAKE FROM BULK P/ V C406 (70847) CUT TO LENGTH	
9	XAOZZ	19099	100-15-001AR	UOC:DTC,DTQ,DTR,EAM	2
				HOSE,RUBBER	1
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

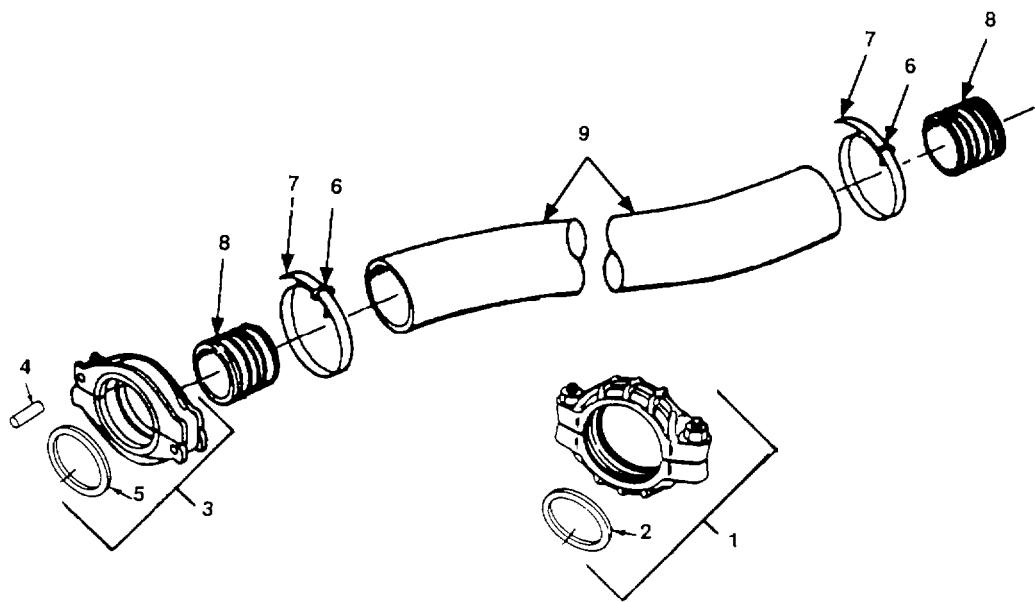


Figure 10. Hose Assembly, Discharge, 75 ft.

SECTION ITEM NO	II SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
TM10-4320-303-23P					DESCRIPTION AND USABLE ON CODES(UOC) QTY
GROUP 02 PUMPING STATION					
				FIG. 10 HOSE ASSEMBLY, DISCHARGE 75 FT.	
PAOOO	97403	13225E9088-6		HOSE ASSEMBLY,NONME DISCHARGE, 6.0 IN. DIA. X 75.0 FT. LG..... UOC:DTC,DTQ,DTR,EAM	1
1 PAOZZ	81349	M10387-1-D-11		COUPLING,CLAMP,PIPE 6.0 IN.DIA	1
2 PCOZZ	79154	G-060-077-0E0		UOC:DTC, DTQ, DTR,EAM	
3 PAOOO	79154	C-060-791-AEB		GASKET	1
4 PAOZZ	79154	P-P69-791-Z-0B		UOC:DTC,DTQ, DTR,EAM	
5 PCOZZ	79154	G-060-077-0E0		PIN,LOCKING	1
6 PAOZZ	70847	L-290		UOC:DTC,DTQ, DTR,EAM	
7 MOOZZ	19099	MABZZ		BUCKLE,BANDING 3/4 IN.....	2
8 XBOZZ	81349	M10388-A08AKIC6A		UOC:DTC,DTQ, DTR,EAM	
9 XAOZZ	19099	100-55-001AR		STRAPPING MAKE FROM BULK P/N	8
				C406 (70847) CUT TO LENGTH	
				UOC:DTC,DTQ,DTR,EAM	
				COUPLING,PIPE.....	2
				UOC:DTC,DTQ,DTR,EAM	
				HOSE,RUBBER	1
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

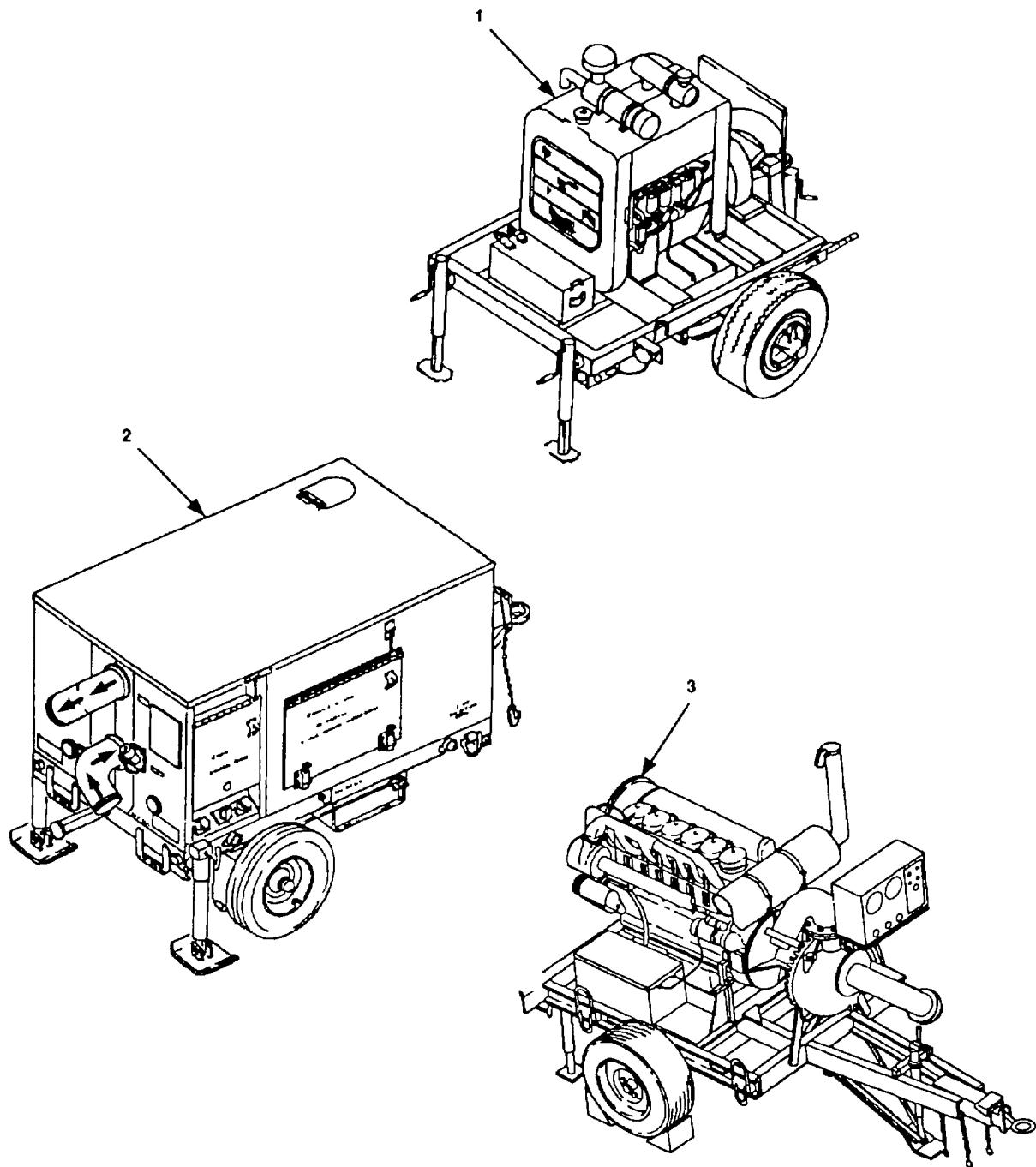


Figure 11. Pumping Assembly, 600 GPM

SECTION II		TM10-4320-303-23P		(5)	(6)		
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY			
GROUP 02 PUMPING STATION							
FIG. 11 PUMPING ASSEMBLY, 600 GPM							
1	PDOHD	25567	609-A	PUMPING ASSEMBLY,WA	1		
				UOC:DTC,DTQ			
2	PDOHD	96046	US636HCCD-1	PUMPING ASSEMBLY,WA	1		
				UOC:DTR			
3	PDOHD	25567	609-C	PUMPING ASSEMBLY,WA.....	1		
				UOC:EAM			

END OF FIGURE

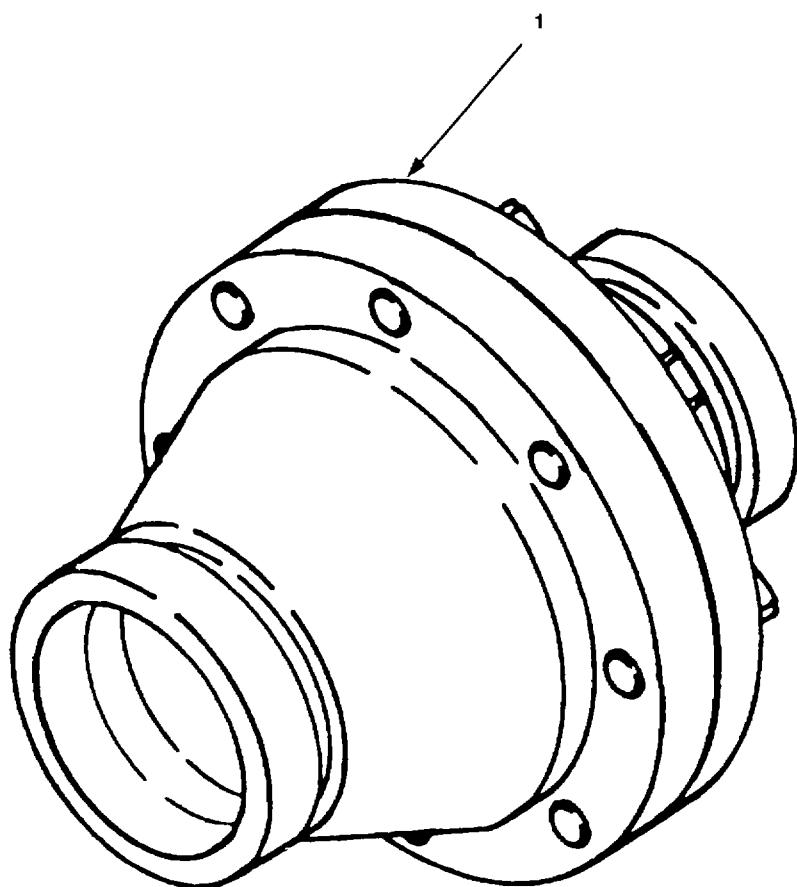


Figure 12. Check Valve

SECTION II TM10-4320-303-23P
(1) (2) (3) (4)
ITEM SMR PART
NO CODE CAGEC NUMBER

(5) (6)
DESCRIPTION AND USABLE ON CODES(UOC) QTY

GROUP 02 PUMPING STATION

FIG. 12 CHECK VALVE

1 PBOZO 79154 V-060-710-P-E3 .VALVE,CHECK 1
UOC: DTC,DTQ,DTR,EAM

END OF FIGURE

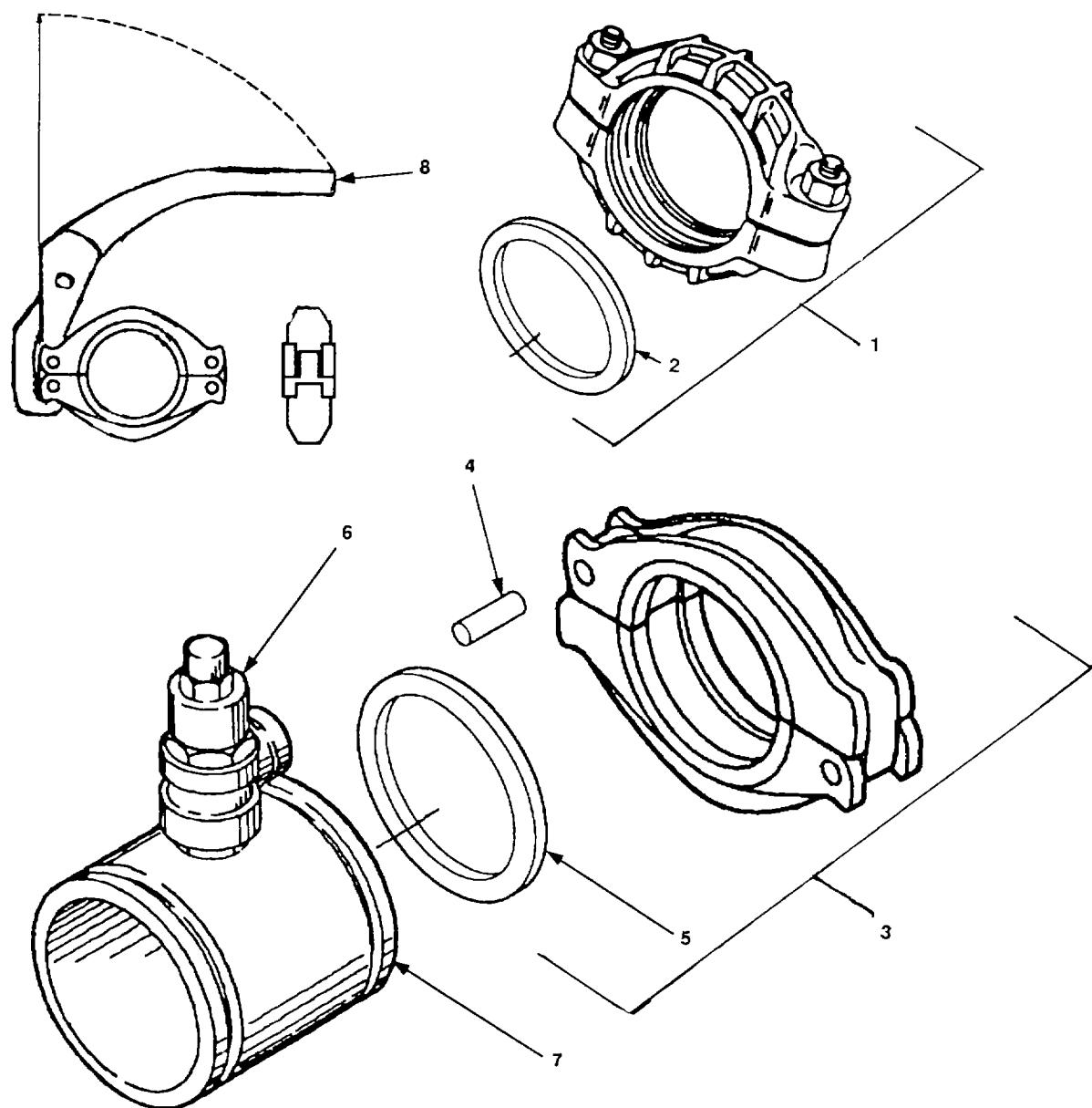


Figure 13. Valve assembly, Pressure Relief

SECTION ITEM NO	II SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)		
				DESCRIPTION AND USABLE ON CODES(UOC) QTY			
GROUP 02 PUMPING STATION							
FIG. 13 VALVE ASSEMBLY, PRESSURE RELIEF							
PBOOZ	97403	13225E9196		.VALVE ASSEMBLY,SAFE	1		
1 PAOZZ	81349	M10387-1-D-11		UOC:DTC,DTQ,DTR,EAM			
2 PCOZZ	79154	G-060-077-OEO		..COUPLING,CLAMP,PIPE.....	1		
3 PAOZZ	79154	C-060-791-AEB		UOC:DTC,DTQ,DTR,EAM			
4 PAOZZ	79154	P-P69-791-Z-OB		...GASKET.....	1		
5 PCOZZ	79154	G-060-077-OEO		UOC:DTC,DTQ,DTR,EAM			
6 PAOZZ	34494	20M-1-3/4-200PSI		...GASKET.....	1.		
7 XBOZZ	81349	M10388-A08AK4C6A		UOC:DTC,DTQ,DTR,EAM			
8 PBOZZ	98752	8524111-01		..VALVE,SAFETY RELIEF.....	1		
				UOC:DTC,DTQ,DTR,EAM			
				..COUPLING,PIPE.....	..1		
				UOC:DTC,DTQ,DTR,EAM			
				.WRENCH,SPANNER	1		
				UOC'DTC,DTQ,DTR,EAM			

END OF FIGURE

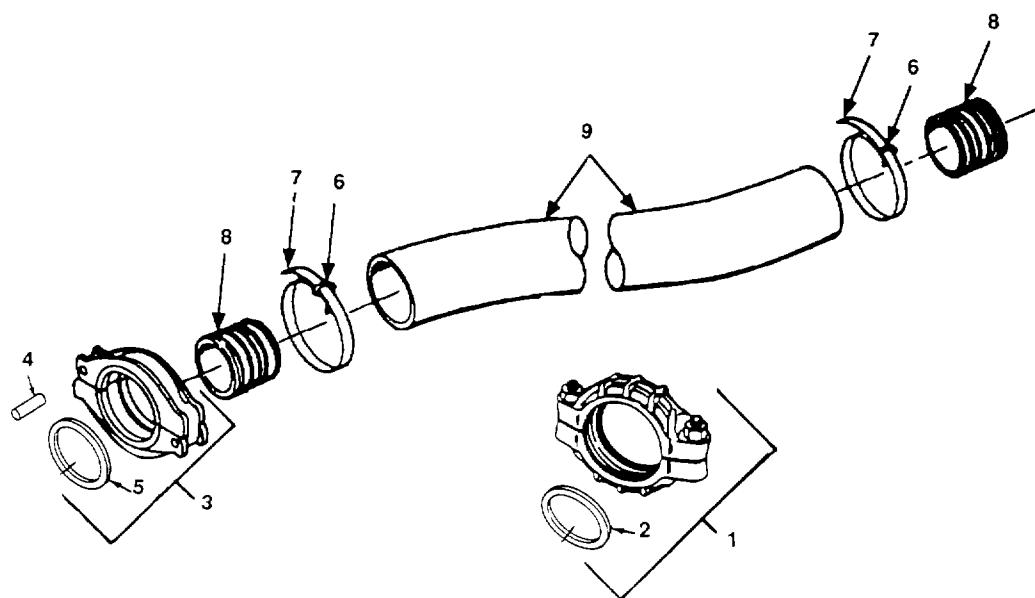


Figure 14. Hose Assembly, 500 ft.

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	

GROUP 03 10-MILE SEGMENT EQUIPMENT

FIG. 14 HOSE ASSEMBLY, 500 FT.

PAOOO	81349	M53027-5000	HOSE ASSEMBLY, NONME	128
1 PAOZZ	81349	M10387-1-D-11	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE 6.0 IN	1
2 PCOZZ	79154	G-060-077-OEO	UOC:DTC,DTQ,DTR,EAM .GASKET	1
3 PAOOO	79154	C-060-791-AEB	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE.....	1
4 PAOZZ	79154	P-P69-791-Z-OB	UOC,DTC,DTQ,DTR,EAM .PIN,LOCKING	1
5 PCOZZ	79154	G-060-077-OEO	UOC:DTC,DTQ,DTR,EAM .GASKET.....	1
6 PAOZZ	70847	L-290	UOC:DTC,DTQ,DTR,EAM .BUCKLE,BANDING 3/4 IN.....	2
7 MOOOZ	19099	MABZZ	UOC:DTC,DTQ,DTR,EAM .STRAPPING MAKE FROM BULK P/N C406	8
8 PAOZZ	79154	F-E98-040-A-OB	(70847) CUT TO LENGTH..... UOC:DTC,DTQ,DTR,EAM .ADAPTER,STRAIGHT,PI 56.0 IN., 48-6	2
9 XAOZZ	19099	100-07-001AR	UOC:DTC,DTQ,DTR,EAM .HOSE,RUBBER	1
			UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

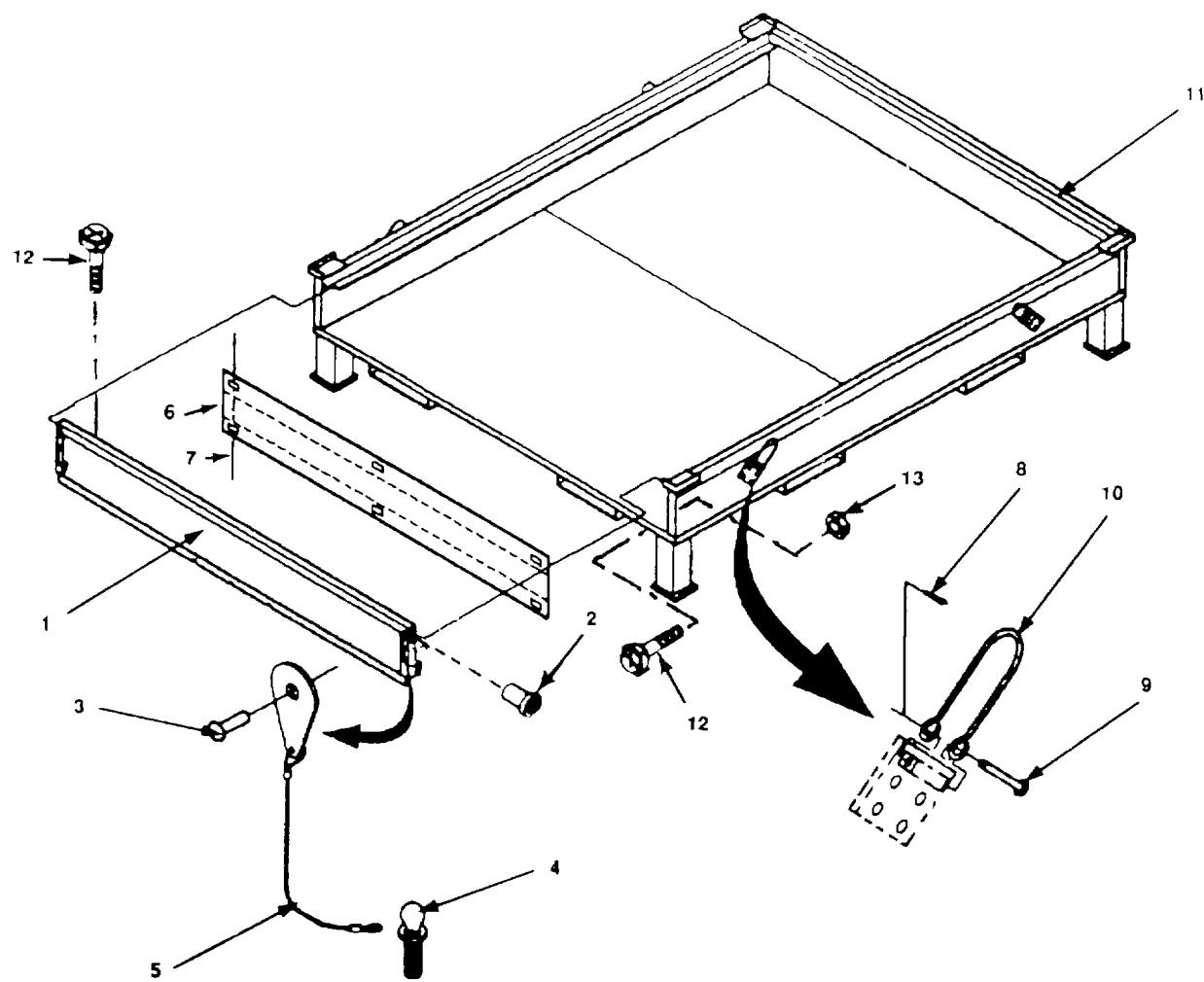


Figure 15. Flaking Box, 2-Way, Pick-up

SECTION ITEM NO	II SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
TM10-4320-303-23P					
DESCRIPTION AND USABLE ON CODES(UOC) QTY					
GROUP 03 10-MILE SEGMENT EQUIPMENT					
				FIG. 15 FLAKING BOX, 2-WAY, PICK-UP	
PBOFF	97403	13225E9182		BOX,FLAKING,2-WAY P PICK UP	1
1 XBOOO	97403	13225E9183		UOC:OTC,DTQ,DTR,EAM .TAILGATE	1
2 PAOZZ	96906	MS27130-S43K		UOC:DTC,DTQ,DTR,EAM ...NUT,PLAIN,BLIND RIV.....	2
3 PAOZZ	80064	9S4730PC2		UOC:DTC,DTQ,DTR,EAM ... RIVET,SOLID	2
4 PAOZZ	96906	MS21316-48		UOC:DTC,DTQ,DTR,EAM ...THUMBSCREW	2
5 PAOZZ	10001	2878356		UOC:DTC,DTQ,DTR,EAM ...WIRE,ROPE ASSY	2
6 PAOZZ	97403	13225E9152		UOC:DTC,DTQ,DTR,EAM ..BREAKAWAY.....	1
7 MOOZZ	97403	13227E9182-9		UOC:DTC,DTQ,DTR,EAM ..WIRE,NONELECTRICAL MAKE FROM	1
				BULK PN: ASTM A641, CUT TO 16.5 IN LG	
8 PAOZZ	96906	MS24665-353		UOC:DTC,DTQ,DTR,EAM ..PIN,COTTER.....	4
9 PAOZZ	97403	13200E5959		UOC:DTC,DTQ,DTR,EAM ..PIN,CLEVIS.....	4
10 PAOZZ	97403	13200E5958		UOC:DTC,DTQ,DTR,EAM ..CLEVIS AND U-BOLT	4
11 XBOFF	97403	13225E9184		UOC:DTC,DTQ,DTR,EAM ..FLAKING,BOX.....	1
12 XBOZZ	80205	NAS1298-3-4		UOC:DTC,DTQ,DTR,EAM ..SCREW,SHOULDER	6
13 XBOZZ	80205	NAS1291C3M		UOC:DTC,DTQ,DTR,EAM ..NUT,SELF-LOCKING,EX	4
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

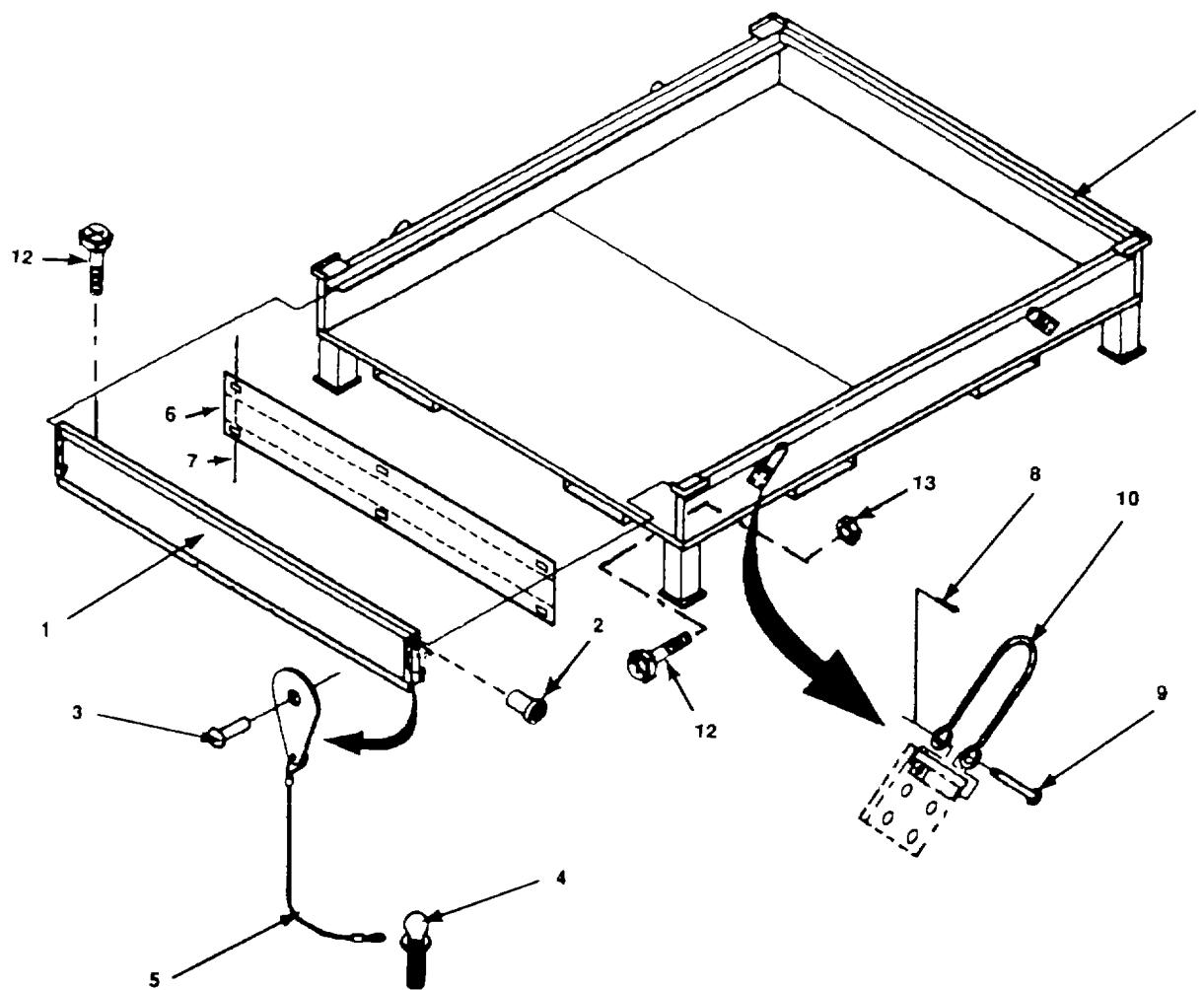


Figure 16. Flaking Box Assembly

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	

GROUP 03 10-MILE SEGMENT EQUIPMENT

FIG. 16 FLAKING BOX ASSEMBLY

PBOFF	97403	13227E9787	.FLAKING,BOX ASSY	1
1 XBOOO	97403	13228E3296	UOC:DTC,DTQ,DTR,EAM ..TAILGATE.....	
2 PAOZZ	96906	MS27130-S43K	UOC:DTC,DTQ,DTR,EAM ...NUT,PLAIN,BLIND RIV.....	2
3 PAOZZ	80064	9S4730PC2	UOC:DTC,DTQ,DTR,EAM ...RIVET,SOLID..	
4 PAOZZ	96906	MS21316-48	UOC:DTC,DTQ,DTR,EAM ...THUMBSCREW.....	
5 PBOZZ	10001	2878356	UOC:DTC,DTQ,DTR,EAM ...WIRE,ROPE ASSY	2
6 PAOZZ	97403	13225E9152	UOC:DTC,DTQ,DTR,EAM ..BREAKAWAY.....	
7 MOOZZ	97403	13200E5959	UOC:DTC,DTQ,DTR,EAM ..WIRE,NONELECTRICAL MAKE FROM	1
			BULK PN: ASTM A641, CUT TO 16.5 IN	
			LG.....	
8 PAOZZ	96906	MS24665-353	UOC:DTC,DTQ,DTR,EAM ..PIN,COTTER.....	4
9 PAOZZ	97403	13200E5959	UOC:DTC,DTQ,DTR,EAM ..PIN,CLEVIS	4
10 PAOZZ	97403	13200E5958	UOC:DTC,DTQ,DTR,EAM ..CLEVIS AND U-BOLT4
11 PBOFF	97403	13227E3297	UOC:DTC,DTQ,DTR,EAM ..FLAKING BOX.....	1
12 XBOZZ	80205	NAS1298-3-4	UOC:DTC,DTQ,DTR,EAM ..SCREW,SHOULDER....	
13 XBOZZ	80205	NAS1291C3M	UOC:DTC,DTQ,DTR,EAM ..NUT,SELF-LOCKING,EX6
			UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

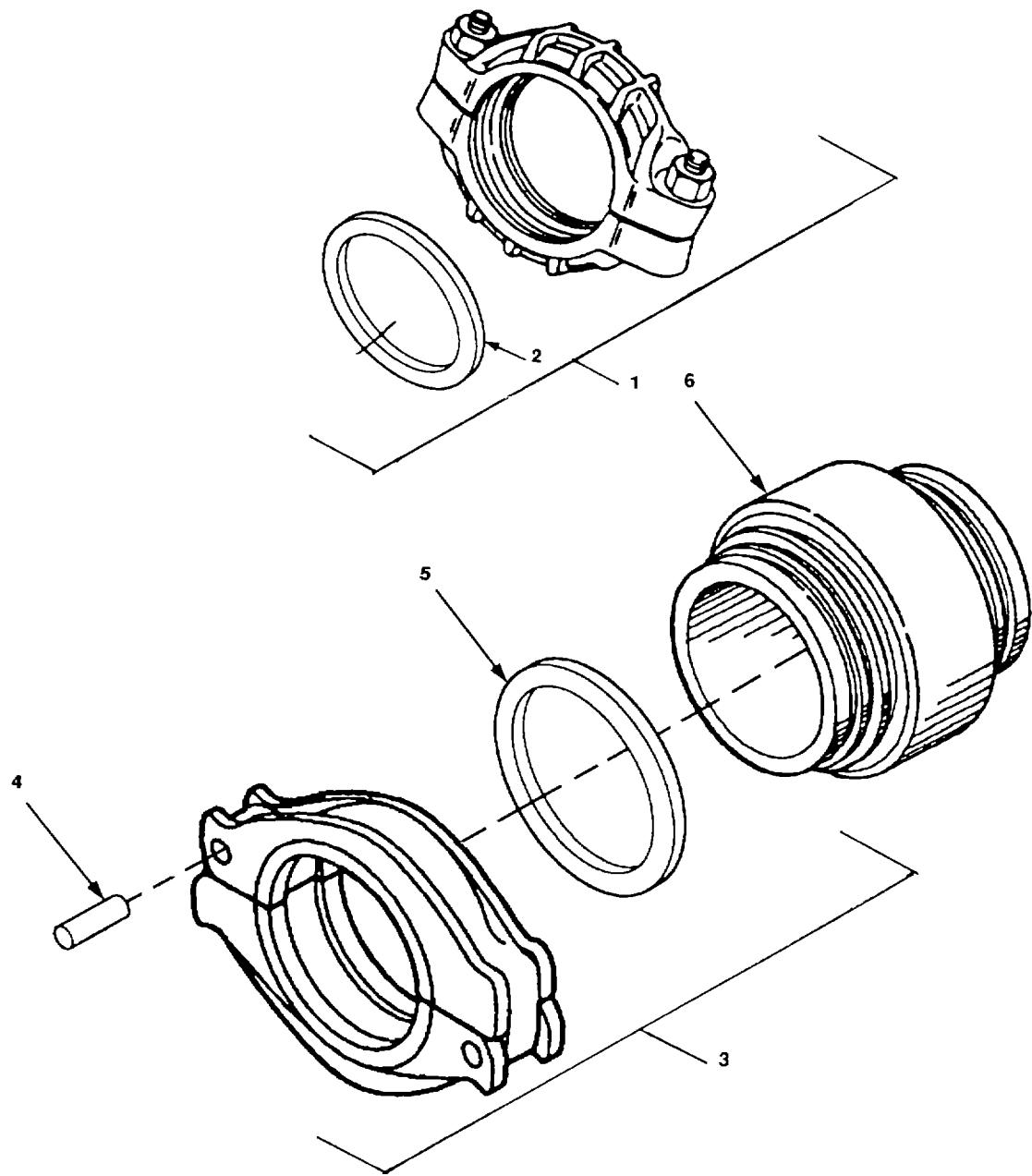


Figure 17. Swivel Joint and Grooved Coupling

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	

GROUP 03 100-MILE SEGMENT EQUIPMENT

FIG. 17 SWIVEL JOINT AND GROOVED COUPLING

XBOZZ	97403	13225E9195	SWIVEL JOINT ASSY	65
1 PAOZZ	81349	M10387-1-D-11	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE.....	1
2 PCOZZ	79154	G-060-077-OEO	UOC:DTC,DTQ,DTR,EAM .GASKET.....	1
3 PAOZZ	79154	C-060-791-AEB	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE6.0 IN.DIA....	1
4 PAOZZ	79154	P-P69-791-Z-OB	..PIN,LOCKING	1
5 PCOZZ	79154	G-060-077-OEO	UOC:DTC,DTQ,DTR,EAM .GASKET.....	1
6 PBOZZ	24869	15604	UOC:DTC,DTQ,DTR,EAM .SWVL,6-IN HOSE LINE.....	1
			UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

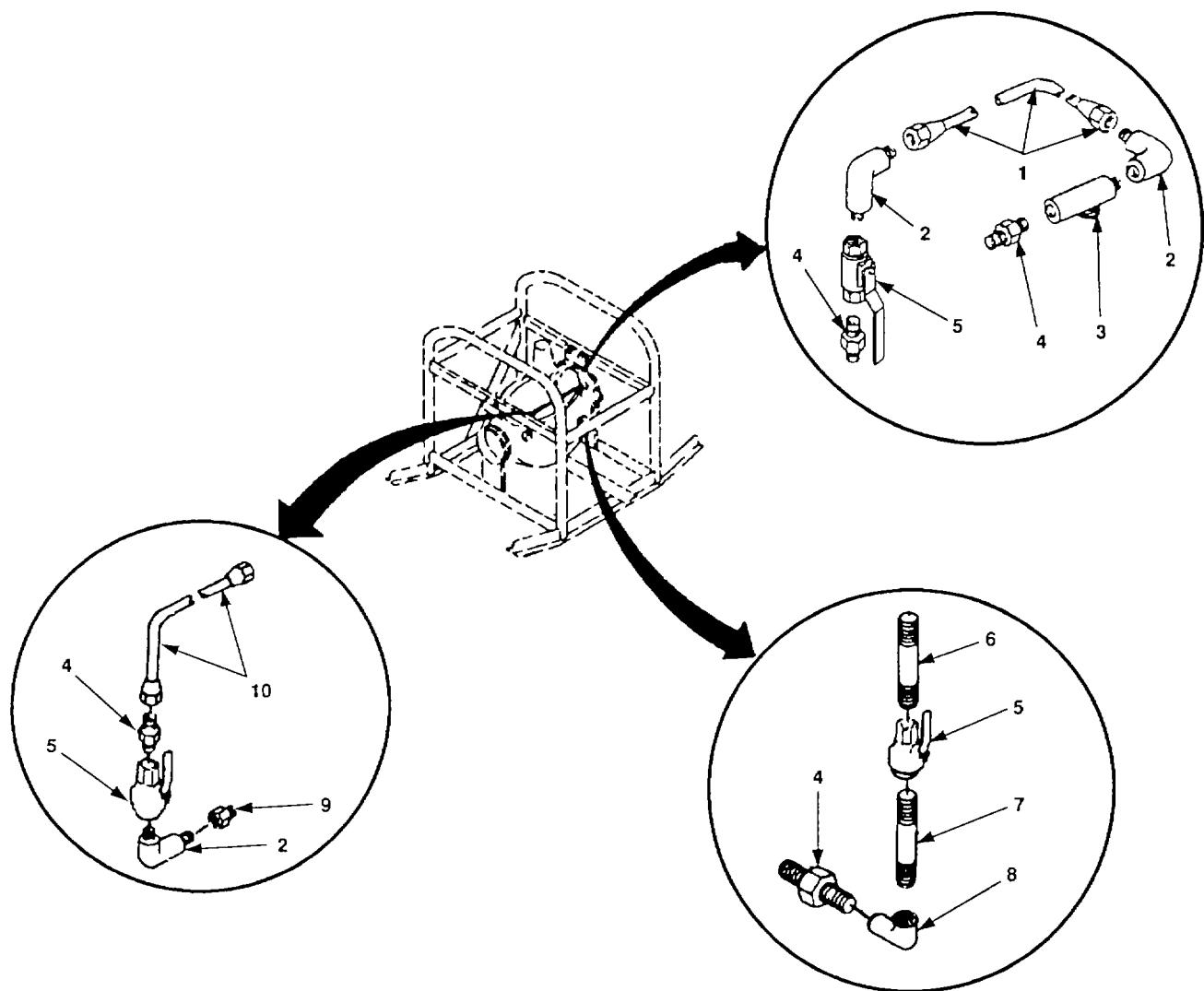


Figure 18. Valve Assembly, Pressure Reducing (Sheet 1 of 4)

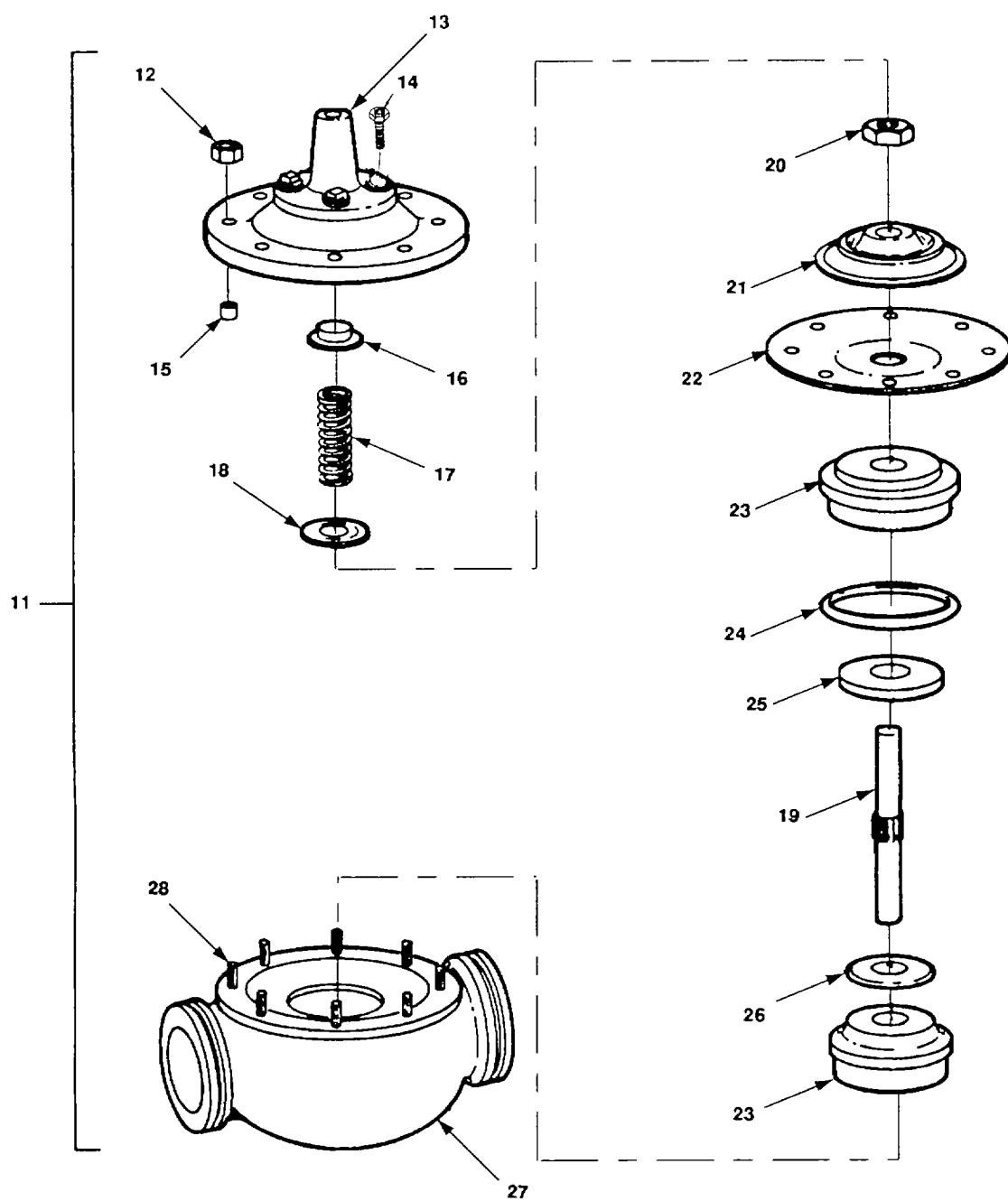


Figure 18. Valve Assembly, Pressure Reducing (Sheet 2 of 4)

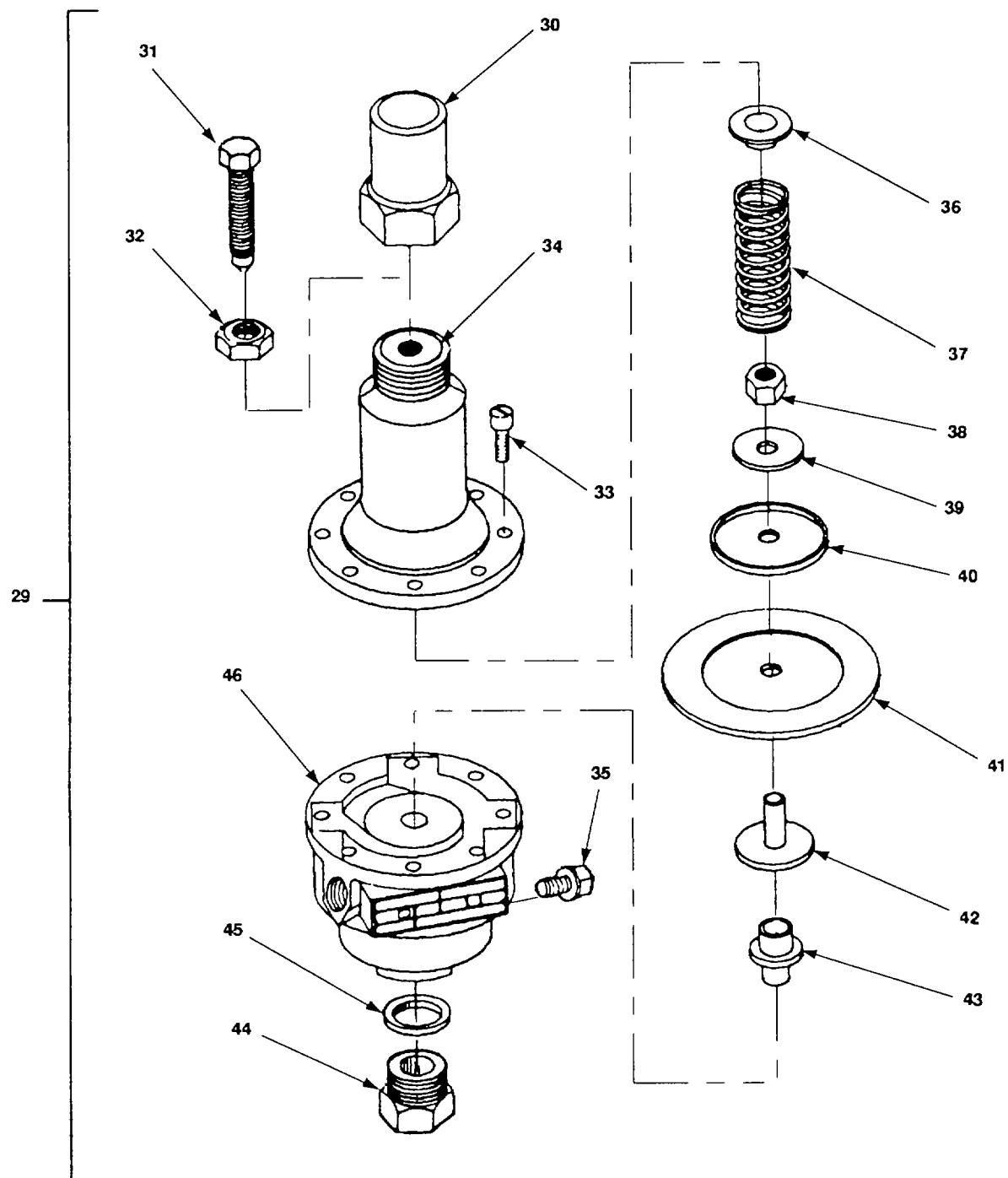


Figure 18. Valve Assembly, Pressure Reducing (Sheet 3 of 4)

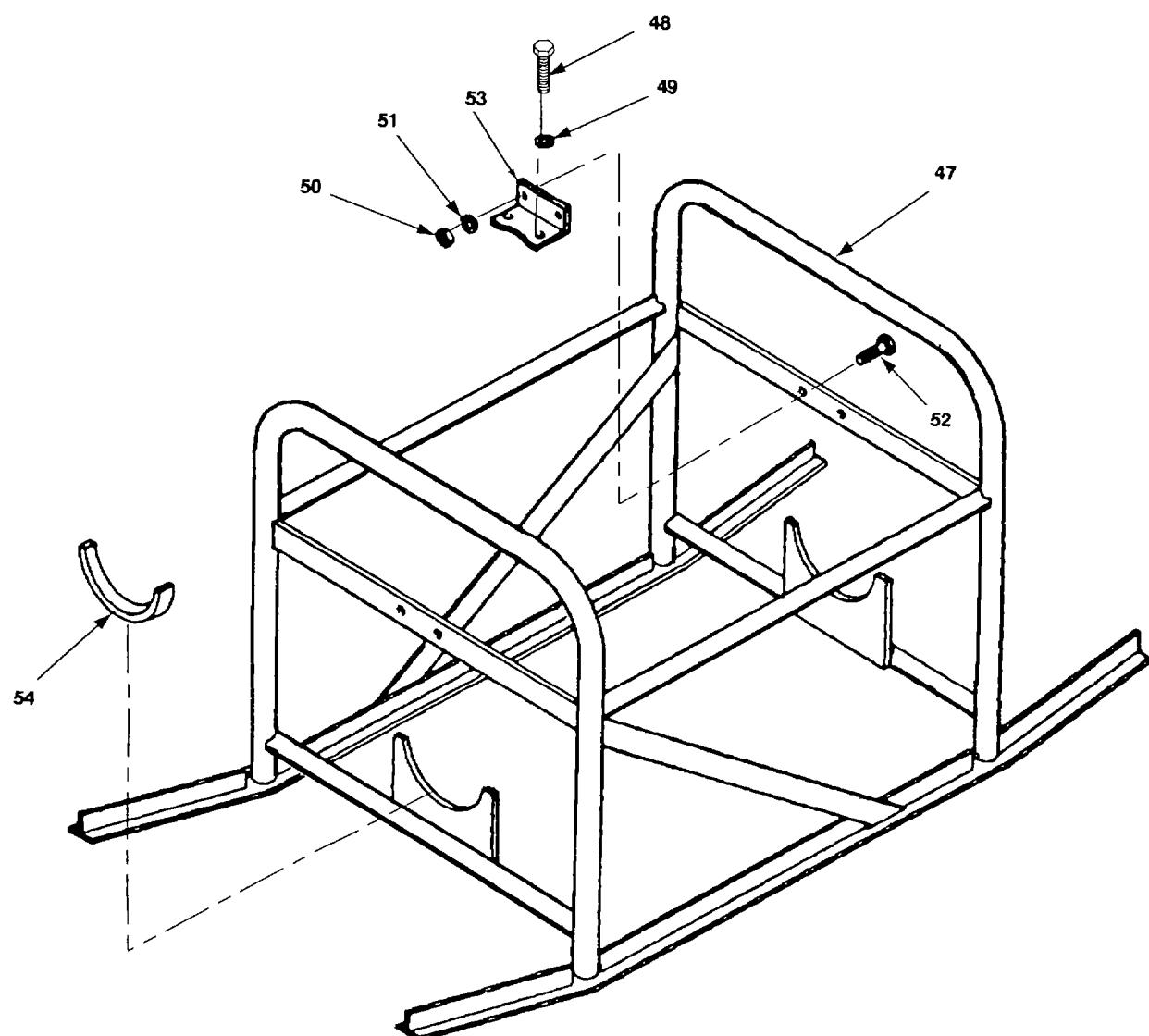


Figure 18. Valve Assembly, Pressure Reducing (Sheet 4 of 4)

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	

GROUP 03 10-MILE SEGMENT EQUIPMENT

FIG. 18 VALVE ASSEMBLY, PRESSURE REDUCING

PBOFO	97403	13225E9090-13	VALVE ASSEMBLY,PRES PRESSURE	1
1 XBOZZ	86184	8919017H	REGULATOR	
2 XBOZZ	86184	6786251G	UOC:DTC,DTQ,DTR,EAM .TUBE,METALLIC .035 X 10.00, 3/8	1
3 XBOZZ	86184	6786359H	IN	
4 XBOZZ	86184	6758787D	UOC:DTC,DTQ,DTR,EAM .ELBOW,PIPE 3/8 IN. MALE	2
5 XBOZZ	86184	6778327E	UOC:DTC,DTQ,DTR,EAM .TEE,PIPE 3/8 IN.....	1
6 XBOZZ	86146	6758788B	UOC:DTC,DTQ,DTR,EAM .NIPPLE,PIPE 1.00, 3/8 IN	4
7 XBOZZ	86184	758789K	UOC:DTC,DTQ,DTR,EAM .COCK,PLUG 3/8 INN	3
8 XBOZZ	86184	6730017J	UOC:DTC,DTQ,DTR,EAM .NIPPLE,PIPE 1.50, 3/8 IN	1
9 XBOZZ	86184	67644103D	UOC:DTC,DTQ,DTR,EAM .REDUCER,PIPE 3/4 IN. X 3/8 IN.....	1
10 XBOZZ	86184	8919026J	UOC:DTC,DTQ,DTR,EAM .TUBE,METALLIC .035 X 19.00, 3/8	2
11 XBOFO	86184	100-01-1498C	IN	
12 PAFZZ	96906	MS51967-23	UOC:DTC,DTQ,DTR,EAM .VALVE,REGULATING,SY	1
13 XBFZZ	86184	C7240K	UOC:DTC,DTQ,DTR,EAM .NUT,PLAIN,HEXAGON 3/4-10	12
14 PAFZZ	96906	MS20913-6K	UOC:DTC,DTQ,DTR,EAM .COVER	1
15 XBFZZ	86184	6799805E	UOC:DTC,DTQ,DTR,EAM .PLUG,PIPE	7
16 XBFZZ	86184	C0974A	UOC:DTC,DTQ,DTR,EAM .INSERT,SCREW THREAD 3/4 IN.-10...	12
17 XBFZZ	86184	C1534B	UOC:DTC,DTQ,DTR,EAM .BEARING,SLEEVE.....	1
18 XBFZZ	86184	V5138C	UOC:DTC,DTQ,DTR,EAM .SPRING,HELICAL,COMP	1
19 XBFZZ	86184	TV5519	UOC:DTC,DTQ,DTR,EAM .WASHER,FLAT	2
20 XBFZZ	86184	8937901A	UOC:DTC,DTQ,DTR,EAM .STEM,FLUID VALVE	2
21 XBFZZ	86184	C0973C	UOC:DTC,DTQ,DTR,EAM .NUT,PLAIN,HEXAGON	1
			UOC:DTC,DTQ,DTR,EAM .WASHER,FLAT	1

SECTION ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC) QTY	
22	PCFZZ	86184	87893E	UOC:DTC,DTQ,DTR,EAM ..DIAPHRAGM,VALVE,FLA	1
23	XBFZZ	86184	C0966G	UOC:DTC,DTQ,DTR,EAM ..RETAINER,DISK,VALVE	1
24	XBFZZ	86184	V1692C	UOC:DTC,DTQ,DTR,EAM ..DISK,VALVE	1
25	XBFZZ	86184	V6792F	UOC:DTC,DTQ,DTR,EAM ..GUIDE,VALVE STEM	1
26	XBFZZ	86184	C1029C	UOC:DTC,DTQ,DTR,EAM ..SEAT,VALVE	1
27	XAFZZ	86184	79911E	UOC:DTC,DTQ,DTR,EAM ..BODY,VALVE	1
28	XBFZZ	86184	V6901C	UOC: DTC,DTQ,DTR,EAM ..STUD,PLAIN 3/4-10	12
29	PBOFZ	86184	7621401E	.VALVE,REGULATING,FL	1
30	XBFZZ	86184	67628J	UOC:DTC,DTQ,DTR,EAM ..CAP,VALVE	1
31	XBFZZ	86184	7188201D	UOC:DTC,DTQ,DTR,EAM ..SETSCREW	1
32	XBFZZ	96906	MS51971-2	UOC:DTC,DTQ,DTR,EAM ..NUT,PLAIN,HEXAGON	1
33	XBFZZ	86184	6757821B	UOC DTC,DTQ,DTR,EAM ..SCREW,MACHINE 10-32 X 0.50 IN	8
			LG		
34	XAFZZ	86184	43394G	UOC:DTC,DTQ,DTR,EAM ..COVER,CRD	1
35	PAFZZ	96906	MS20913-3K	UOC:DTC,DTQ,DTR,EAM ..PLUG,PIPE 3/8 IN	1
36	XBFZZ	86184	71881	UOC:DTC,DTQ,DTR,EAM ..GUIDE,SPRING	1
37	XBFZZ	86184	71884B	UOC:DTC,DTQ,DTR,EAM ..SPRING,HELICAL,COMP	1
38	PAFZZ	96906	MS51971-3	UOC:DTC,DTQ,DTR,EAM ..NUT,PLAIN,HEXAGON 3/8 -16	1
39	XBFZZ	86184	7055007E	UOC:DTC,DTQ,DTR,EAM ..WASHER,CONVEX	1
40	XBFZZ	86184	71891G	UOC:DTC,DTQ,DTR,EAM ..WASHER,RECESSED	1
41	PCFZZ	86184	C6936D	UOC:DTC,DTQ,DTR,EAM ..DIAPHRAGM,VALVE,FLA	1
42	XBFZZ	86184	37137H	UOC:DTC,DTQ,DTR,EAM ..CAP,VALVE	1
43	XBFZZ	86184	37133G	UOC:DTC,DTQ,DTR,EAM ..RETAINER ASSEMBLY,D	1
44	XBFZZ	86184	37135B	UOC:DTC,DTQ,DTR,EAM ..CAP,VALVE	1
45	PBFZZ	86184	40174F	UOC:DTC,DTQ,DTR,EAM ..GASKET	1
46	XAFZO	86184	8339709B	UOC:DTC,DTQ,DTR,EAM ..BODY AND SEAT ASSEM	1

SECTION ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC) QTY	
47	XBOFF	87990	MCD5136-13	.SKID ASSEMBLY.....	1
48	PAOZZ	12603	MS90728-187	UOC:DTC,DTQ,DTR,EAM ..SCREW,CAP,HEXAGON,H 3/4-10 UNC X..... 2.0IN. LG.	4
49	PAOZZ	96906	MS27183-23	UOC:DTC,DTQ,DTR,EAM ..WASHER,FLAT 3/4 IN	4
50	PAOZZ	96906	MS51967-20	UOC:DTC,DTQ,DTR,EAM ..NUT,PLAIN,HEXAGON 5/8 IN.....	4
51	PAOZZ	96906	MS27183-19	UOC:DTC,DTQ,DTR,EAM ..WASHER,FLAT 5/8	4
52	PAOZZ	80204	B1821BH063C250N	UOC:DTC,DTQ,DTR,EAM ..SCREW,CAP,HEXAGON H 5/8-11 UNC X..... 2-1/2IN. LG.....	4
53	XBOZZ	86184	121730K	UOC:DTC,DTQ,DTR,EAM ..BRACKET	2
54	XBOZZ	86184	1223501G	UOC:DTC,DTQ,DTR,EAM ..BUMPER STRIP,RUBBER	2

END OF FIGURE

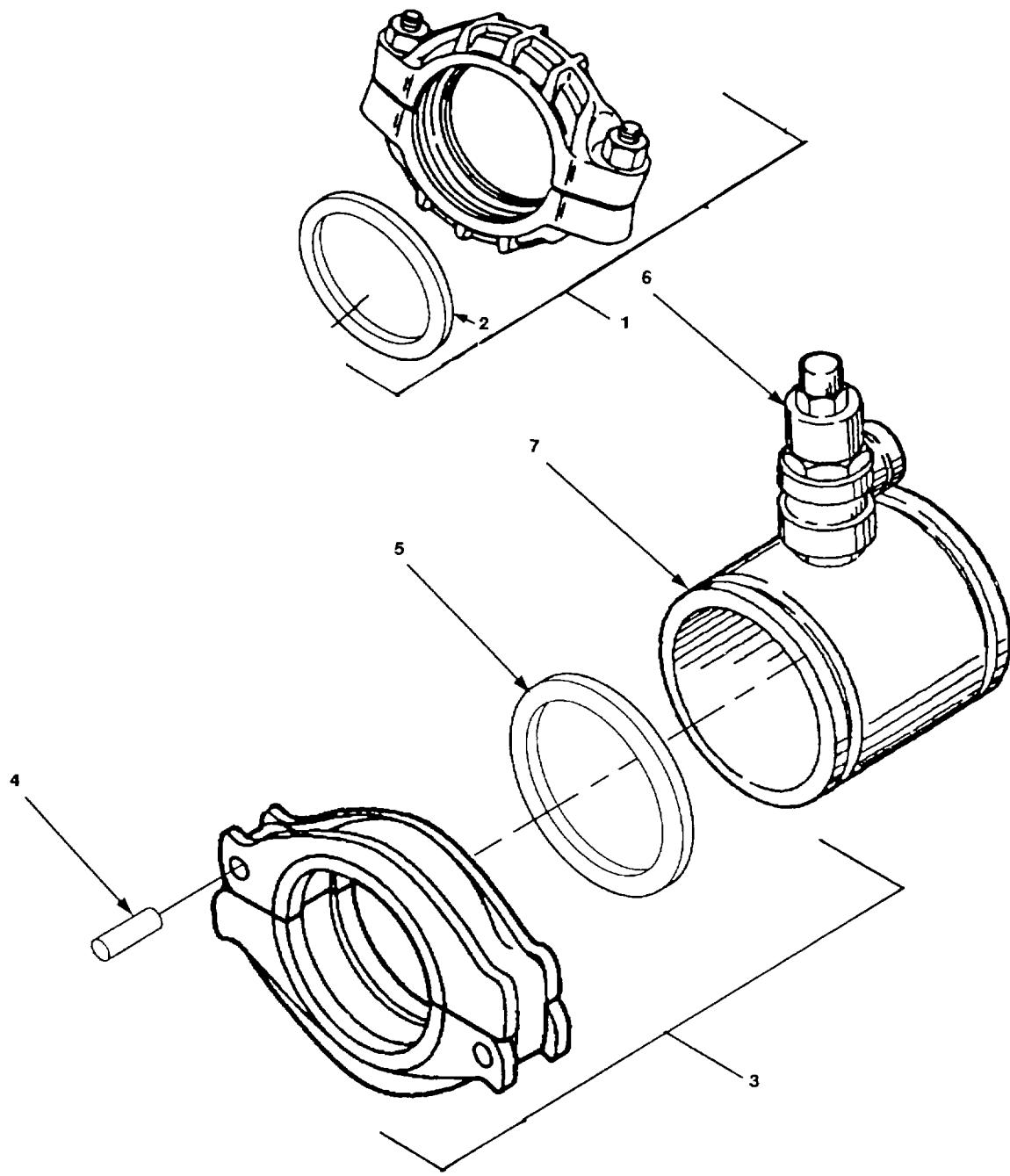


Figure 19. Valve Assembly, Pressure Relief

SECTION (1) ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC) QTY					
GROUP 03 10-MILE SEGMENT EQUIPMENT					
				FIG. 19 VALVE ASSEMBLY, PRESSURE RELIEF	
PBOOZ	97403	13225E9196		VALVE ASSEMBLY,SAFE.....	1
1 PAOZZ	81349	M10387-1-D-11		UOC:DTC,DTQ,DTR,EAM	
2 PCOZZ	79154	G-060-077-OEO		.COUPLING,CLAMP,PIPE.....	1
3 PAOZZ	79154	C-060-791-AEB		UOC:DTC,DTQ,DTR,EAM	
4 PAOZZ	79154	P-P69-791-Z-OB		.GASKET.....	1
5 PCOZZ	79154	G-060-077-OEO		UOC:DTC,DTQ,DTR,EAM	
6 PAOZZ	34494	20M-1-3/4-200PSI		.COUPLING,CLAMP,PIPE.....	.1
7 XBOZZ	81349	M10388-A08AK4C6A		UOC:DTC,DTQ,DTR,EAM	
				..PIN,LOCKING	1
				UOC:DTC,DTQ,DTR,EAM	
				.VALVE,SAFETY RELIEF.....	1
				UOC:DTC,DTQ,DTR,EAM	
				.COUPLING,PIPE.....	1
				UOC:DTC,DTQ,DTR,EAM	

END OF FIGURE

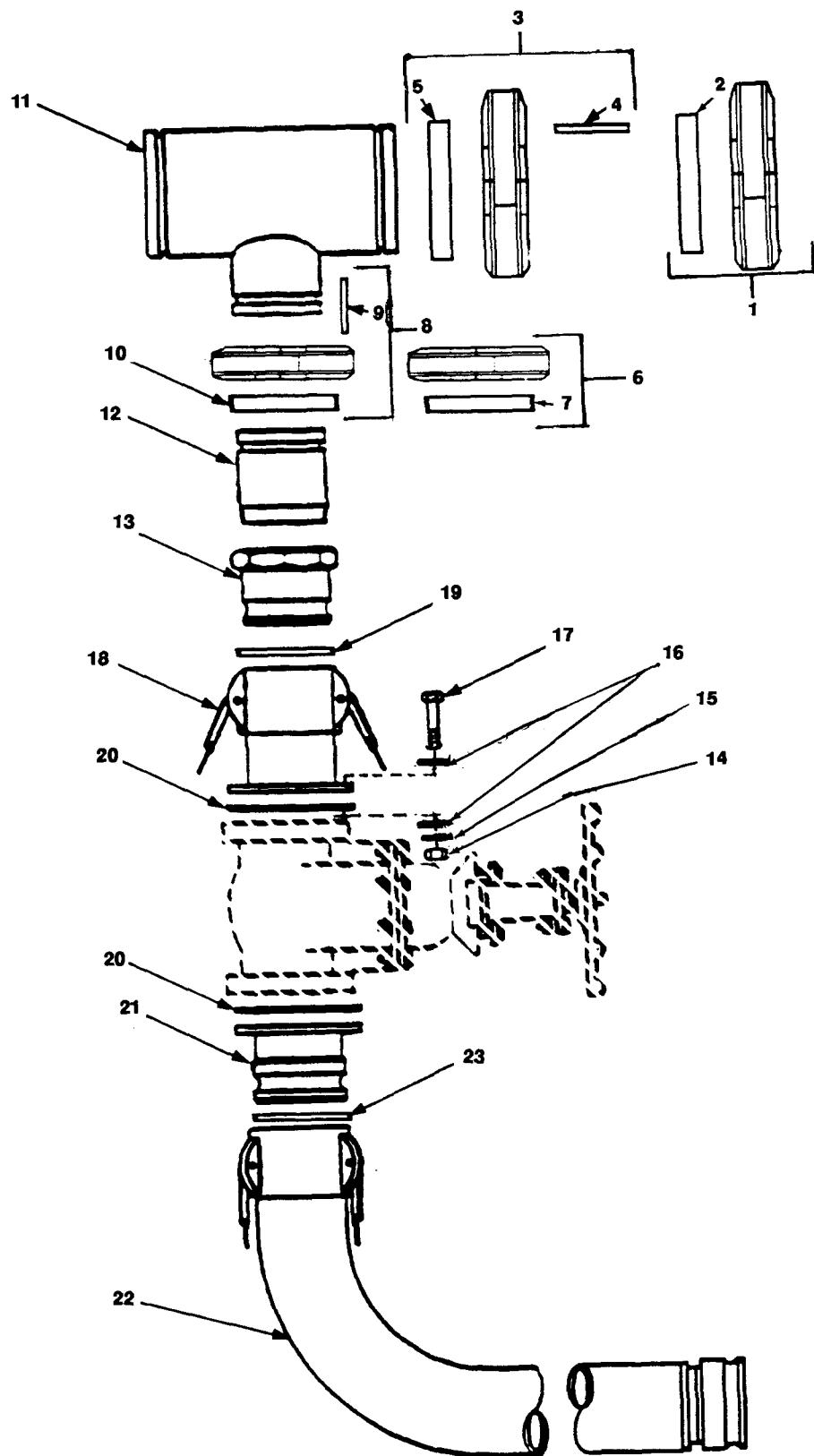


Figure 20. Component Parts, Storage Assembly

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	
					GROUP 04 STORAGE ASSEMBLY

FIG. 20 COMPONENT PARTS, STORAGE ASSEMBLY

PDOOD	97403	13225E9089	STORAGE ASSEMBLY.....	2
1 PAOZZ	81349	M10387-1-D-11	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE 6 INCH	1
2 PCOZZ	79154	G-060-077-OEO	UOC:DTC,DTQ,DTR,EAM .GASKET	1
3 PAOOO	79154	C-060-791-AEB	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE 6 INCH	1
4 PAOZZ	79154	P-P69-791-Z-OB	UOC:DTC DTQ,DTR,EAM .PIN,LOCKING	1
5 PCOZZ	79154	G-060-077-OEO	UOC:DTC,DTQ,DTR,EAM .GASKET	1
6 PAOZZ	81349	M10387-1D09	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE 4 INCH	1
7 PCOZZ	79154	G-040-075-0-E4	UOC:DTC,DTQ,DTR,EAM .GASKET	1
8 PBOZZ	79154	C-040-791-OA	UOC:DTC,DTQ,DTR,EAM .COUPLING,CLAMP,PIPE 4 INCH	1
9 PAOZZ	79154	P-L68-791-Z-OB	UOC:DTC,DTQ,DTR,EAM .PIN,LOCKING	1
10 PCOZZ	79154	G-040-075-0-E4	UOC:DTC,DTQ,DTR,EAM .GASKET	1
11 XBOZZ	81349	M10388-A30EBIA6C	UOC:DTC,DTQ,DTR,EAM .TEE PIPE 6.0 IN. X 6.0 IN. X 4.0	1
12 XBOZZ	81349	M10388-A07AI1A6A	IN..... UOC:DTC,DTQ,DTR,EAM .ADAPTER,STRAIGHT,FL.....	2
13 PAOZZ	96906	MS27020-17	UOC:DTC,DTQ,DTR,EAM .COUPLING HALF,QUICK.....	1
14 PAOZZ	96906	MS51967-20	UOC:DTC,DTQ,DTR,EAM .NUT,PLAIN,HEXAGON STEEL, CADIUM	16
15 PAOZZ	96906	MS35338-50	PLATED, 0.375 16 UNC-2B..... UOC:DTC,DTQ,DTR,EAM .WASHER,LOCK 0.375 ID, STL, CD PLD.....	16
16 PAOZZ	96906	MS27183-21	UOC:DTC,DTQ,DTR,EAM .WASHER,FLAT 0.406 ID, STL, CD PLD.....	32
17 PAOZZ	96906	MS90728-169	UOC:DTC,DTQ,DTR,EAM .SCREW,CAP,HEXAGON H 0.375-16 UNC	16
18 PAOZZ	96906	MS27027-17	2A X 3.25 LG, STL CD PLD..... UOC:DTC,DTQ,DTR,EAM .COUPLING HALF,QUICK.....	1
19 PCOZZ	96906	MS27030-9	UOC:DTC,DTQ,DTR,EAM .GASKET1
20 PCOZZ	97403	13220E1069-]	UOC:DTC,DTQ,DTR,EAM .GASKET	2
21 PAOZZ	96906	MS27023-17	UOC:DTC,DTQ,DTR,EAM .COUPLING HALF,QUICK.....	1

SECTION ITEM NO	II SMR CODE	TM10-4320-303-23P (3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
22	PAOZZ	97403	13225E9136-3	.HOSE ASSEMBLY, NONME 4.0 IN. DIA..... X 10 FT. LG..... UOC:DTC,DTQ,DTR,EAM ..GASKET.....	4
23	PCOZZ	96906	MS27030-9	UOC:DTC,DTQ,DTR,EAM	1

END OF FIGURE

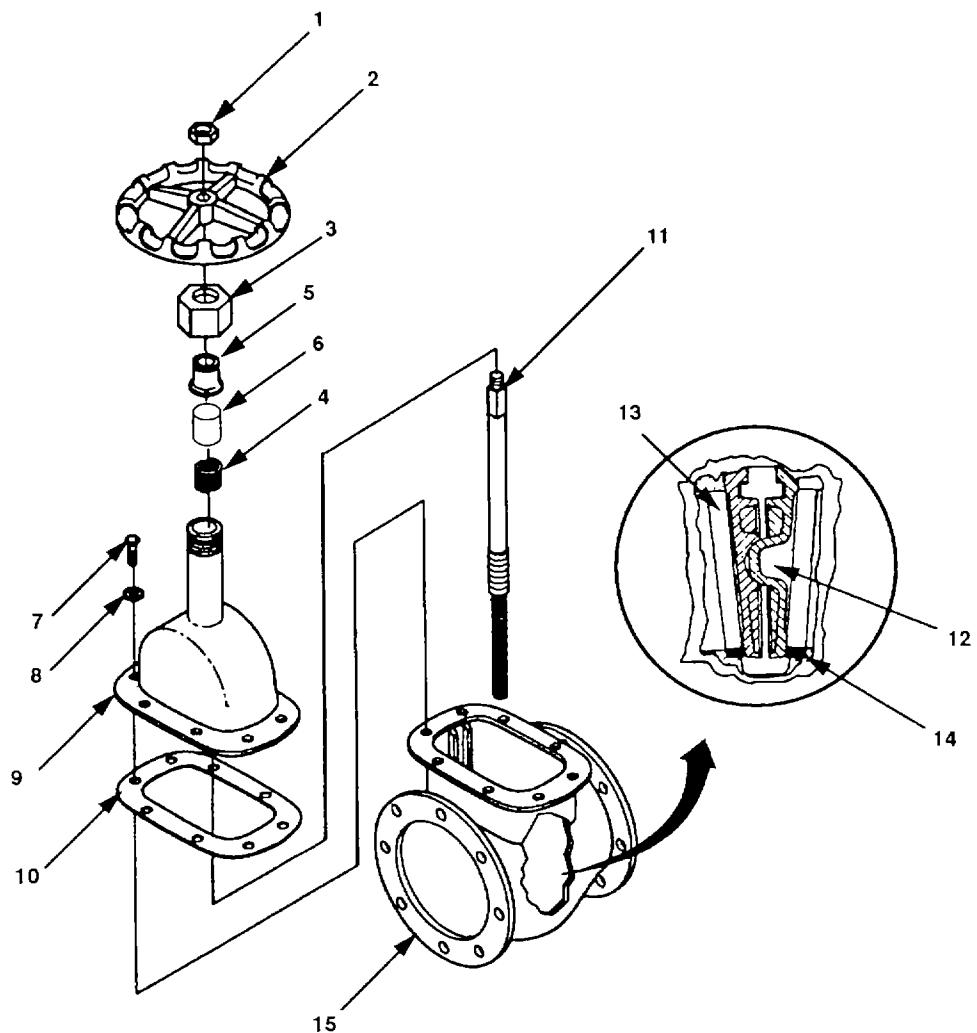


Figure 21. Gate Valve, 4 in.

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY	

GROUP 04 STORAGE ASSEMBLY

FIG. 21 GATE VALVE, 4 IN.

PAOOO	81718	OPW-676-FR4IN	.VALVE,GATE 4.0 IN.....	1
1 PAOZZ	21439	01857-007	UOC:DTC,DTQ,DTR,EAM ..NUT,PLAIN,HEXAGON STEEL	1
2 PAOZZ	81718	C-74-AG	UOC:DTC,DTQ,DTR,EAM ..HANDWHEEL	1
3 PAOZZ	81718	H-665-M	UOC:DTC,DTQ,DTR,EAM ..PACKING NUT	1
4 PAOZZ	81718	H669M	UOC:DTC,DTQ,DTR,EAM ..SPRING,HELICAL,COMP 4.0 IN	1
5 PAOZZ	81718	H-666-M	UOC:DTC,DTQ,DTR,EAM ..GLAND,PACKING 4.0 IN.....	1
6 PAOZZ	81718	H667M	UOC:DTC,DTQ,DTR,EAM ..PACKING,PREFORMED 4.0 IN	1
7 XBOZZ	81718	H-633-M	UOC:DTC,DTQ,DTR,EAM ..SCREW,CAP,HEXAGON	8
8 PAOZZ	96906	MS35338-61	UOC:DTC,DTQ,DTR,EAM ..WASHER,LOCK.....	8
9 XBOZZ	81718	D-17-AG	UOC:DTC,DTQ,DTR,EAM ..CAP,VALVE	1
10 PAOZZ	81718	C75M	UOC:DTC,DTQ,DTR,EAM ..GASKET.....	
11 XBOZZ	81718	C-73-8	UOC:DTC,DTQ,DTR,EAM ..STEM,DISC.....	1
12 PAOZZ	81718	D18M	UOC:DTC,DTQ,DTR,EAM AND D19M ..DISK,VALVE1
13 PAOZZ	81718	D18M	UOC:DTC,DTQ,DTR,EAM AND D19M ..DISK,VALVE	1
14 XAOZZ	81718	H-664-RB	UOC:DTC,DTQ,DTR,EAM ..SEAT,VALVE	2
15 XAOZZ	81718	E2AG	UOC:DTC,DTQ,DTR,EAM ..BODY VALVE	1

END OF FIGURE

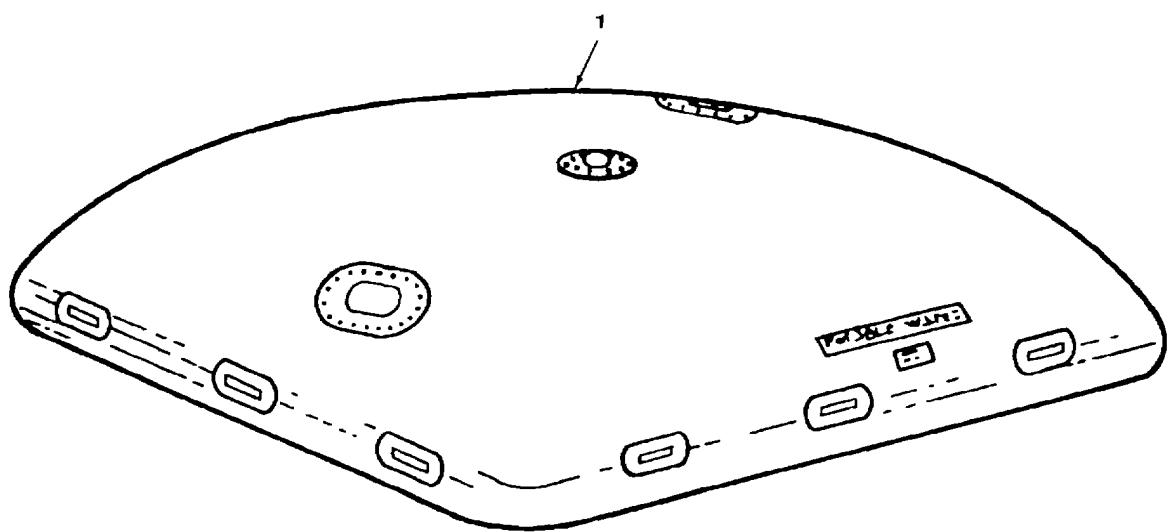


Figure 22. Tank Pillow, 20,000 Gallons

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY

TM10-4320-303-23P

DESCRIPTION AND USABLE ON CODES(UOC) QTY

GROUP 04 STORAGE ASSEMBLY

FIG. 22 TANK PILLOW, 20,000 GALLONS

1 PAOOO 81349 M53029-20 .TANK ASSEMBLY,FABRI 20,000 GAL..... 1
UOCIDTC,DTQ,DTR,EAM

END OF FIGURE

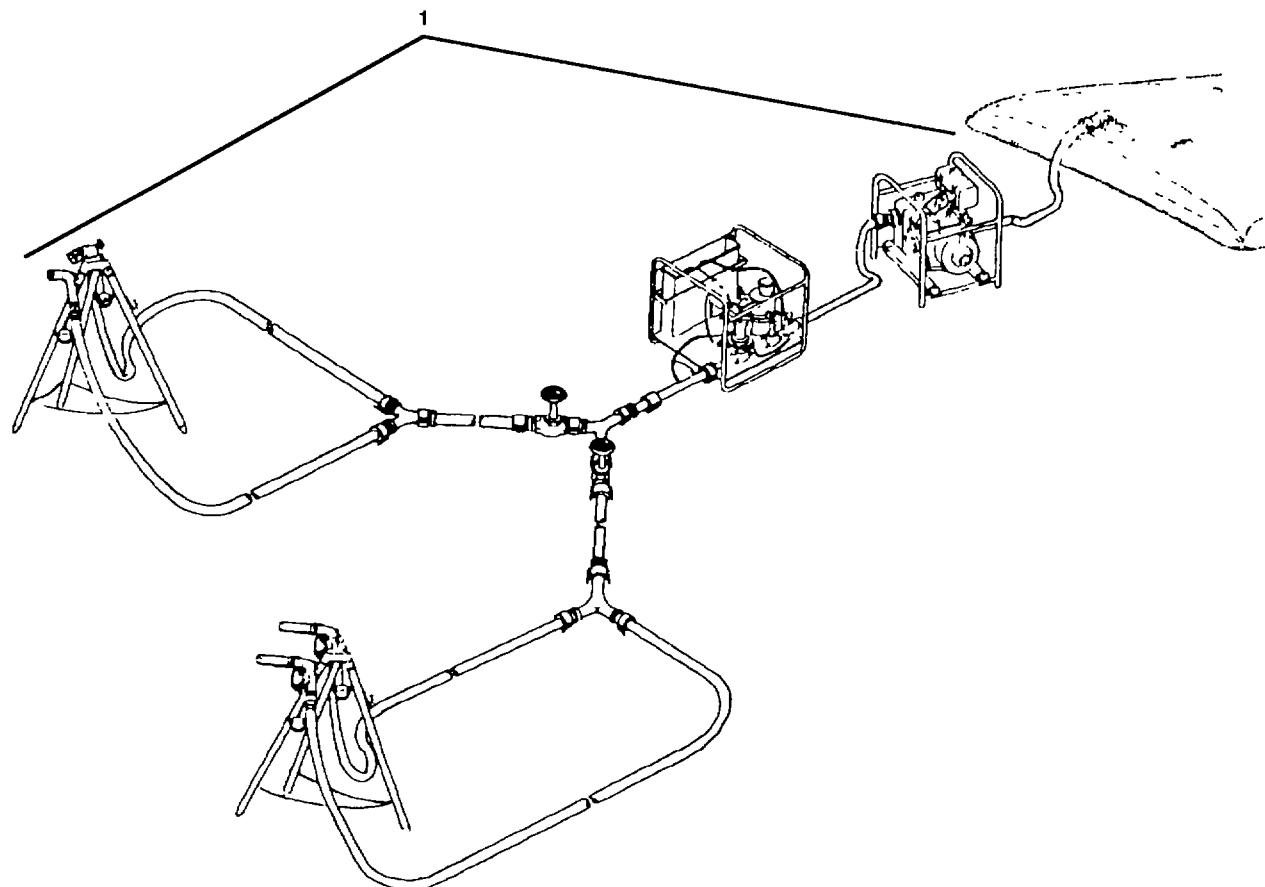


Figure 23. Distribution Point

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
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TM10-4320-303-23P

GROUP 05 DISTRIBUTION POINT

FIG. 23 DISTRIBUTION POINT

1 AOOHD	97403	13225E9091	DISTRIBUTION POINT	2
UOC: DTC, DTQ, DTR, EAM				

END OF FIGURE

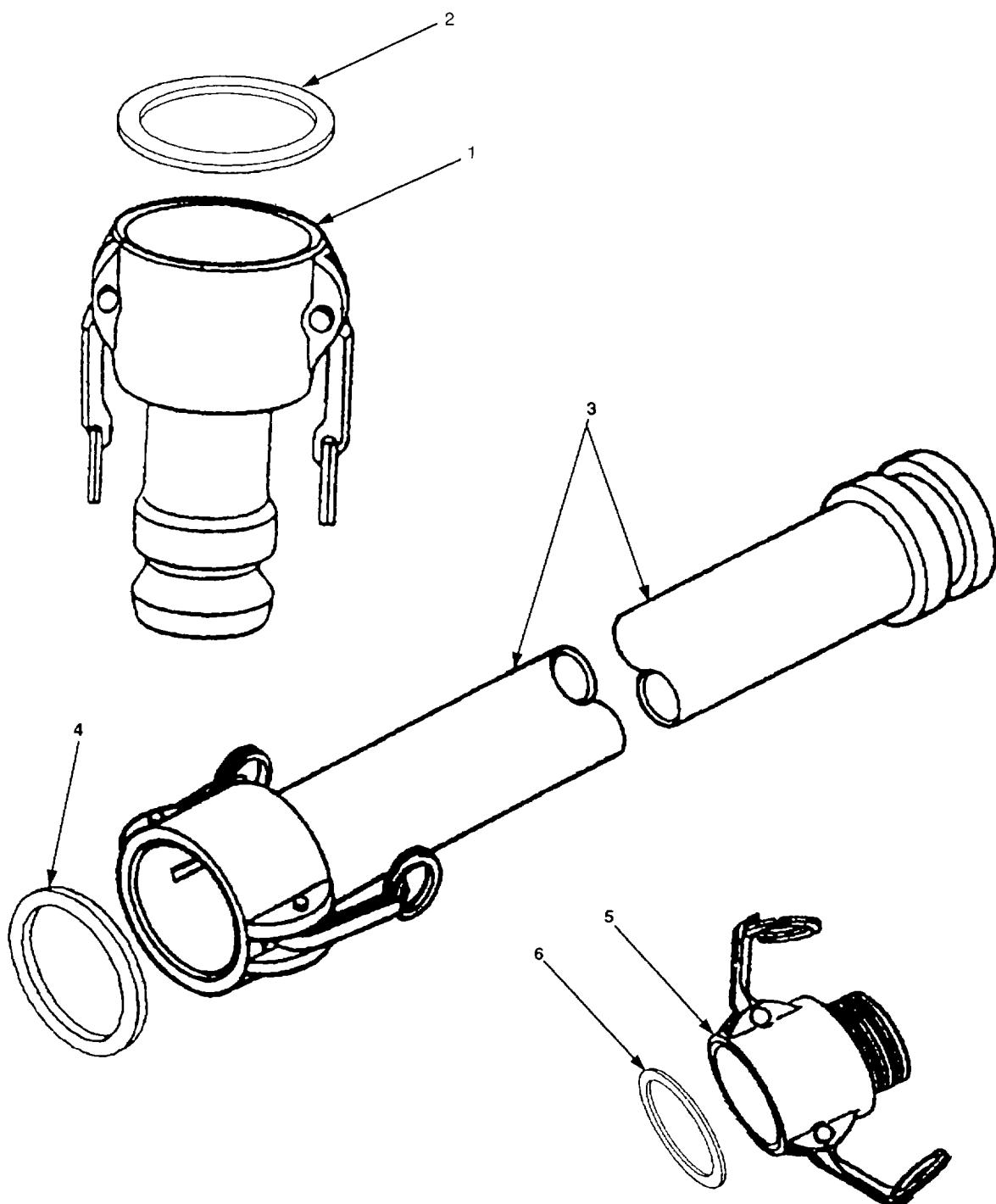


Figure 24. Quick Disconnect Reducer

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY

GROUP 05 DISTRIBUTION POINT

FIG. 24 QUICK DISCONNECT REDUCER

1	PAOOZ	96906	MS49000-17	REDUCER, QUICK DISCO 4 IN. X 2 IN	1
2	PCOZZ	96906	M527030-9	UOC: DTC, DTQ, DTR, EAM GASKET.....	1
3	PBOOZ	97403	13225E9135-2	UOC:DTC, DTQ, DTR, EAM HOSE ASSEMBLY, NONME 2 IN. X 20 FT.	1
4	PCOZZ	96906	MS27030-6	UOC:DTC, DTQ, DTR, EAM GASKET.....	1
5	PAOOZ	96906	MS27026-11	UOC:DTC, DTQ, DTR, EAM COUPLING HALF, QUICK.....	2
6	PAOZZ	96906	MS27030-6	UOC:DTC, DTQ, DTR, EAM GASKET.....	1

END OF FIGURE

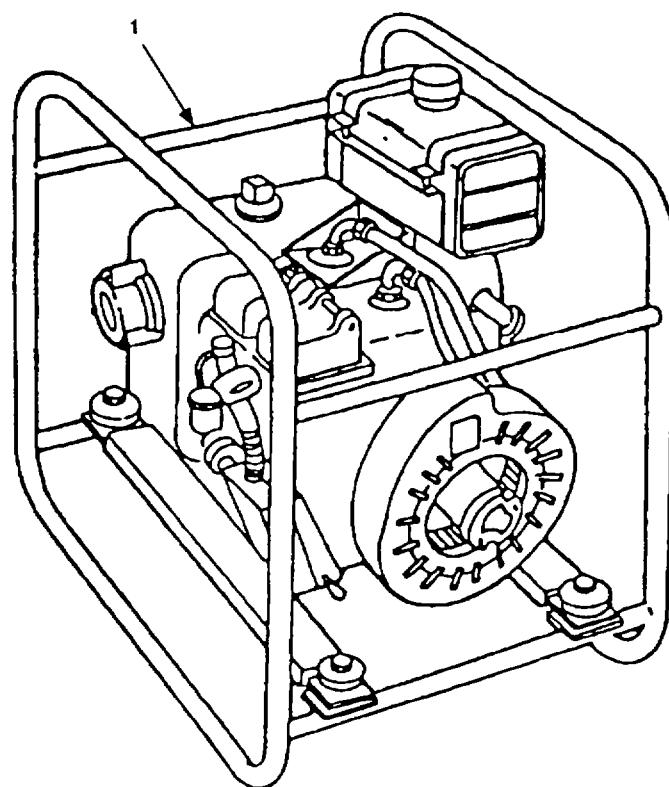


Figure 25. Pump Assembly, Centrifugal

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
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TM10-4320-303-23P

GROUP 05 DISTRIBUTION POINT

FIG. 25 PUMP ASSEMBLY, CENTRIFUGAL

1 PDOHH 97403 2-125-50-G PUMP UNIT, CENTRIFUG FOR PARTS 1
BREAKDOWN SEE TM5-4320-208-24P.....
UOC: DTC, DTQ, DTR, EAM

END OF FIGURE

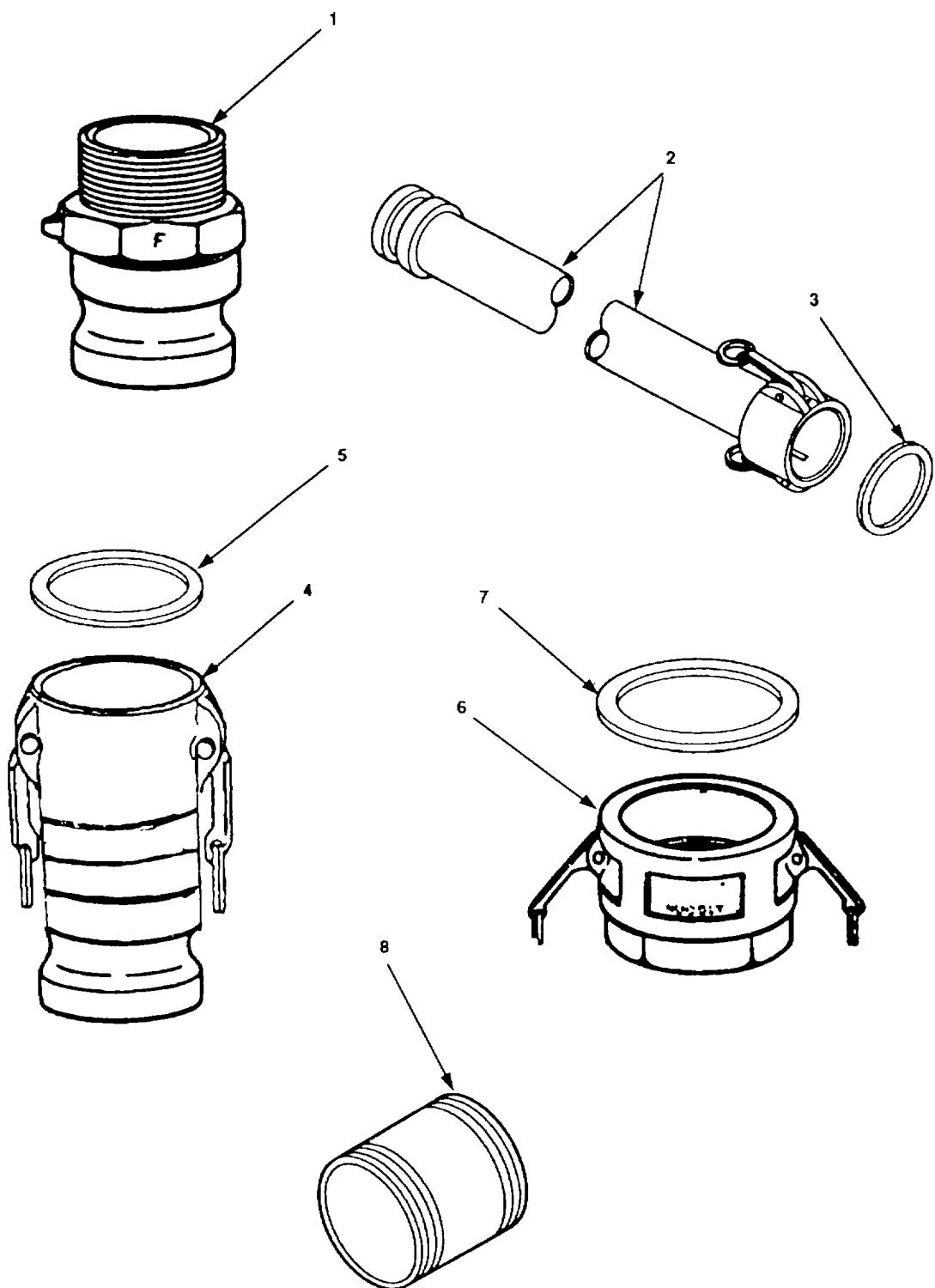


Figure 26. Coupling, Half Quick Disconnect

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 26 COUPLING, HALF QUICK DISCONNECT					
1	PAOZZ	96906	MS27022-11	COUPLING HALF, QUICK..... UOC: DTC, DTQ, DTR, EAM	2
2	PAOZZ	97403	13225E9136-1	HOSE ASSEMBLY, NONME 2 IN. X 10 FT	1
3	PCOZZ	96906	MS27030-6	UOC: DTC, DTQ, DTR, EAM	1
4	PAOOZ	96906	MS49000-19	GASKET..... REDUCER, QUICK DISCO 2 IN. FEMALE X 4 IN. MALE..... UOC: DTC, DTQ, DTR, EAM	1
5	PCOZZ	96906	MS27030-6	GASKET..... UOC: DTC, DTQ, DTR, EAM	1
6	PAOOZ	96906	MS27024-17	COUPLING HALF, QUICK..... UOC: DTC, DTQ, DTR, EAM	1
7	PCOZZ	96906	MS27030-9	GASKET..... UOC: DTC, DTQ, DTR, EAM	1
8	XBOZZ	81348	WW-N-351	BRASS NIPPLE TYII, 6IN. LG, 4 DIA, BRASS	1
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

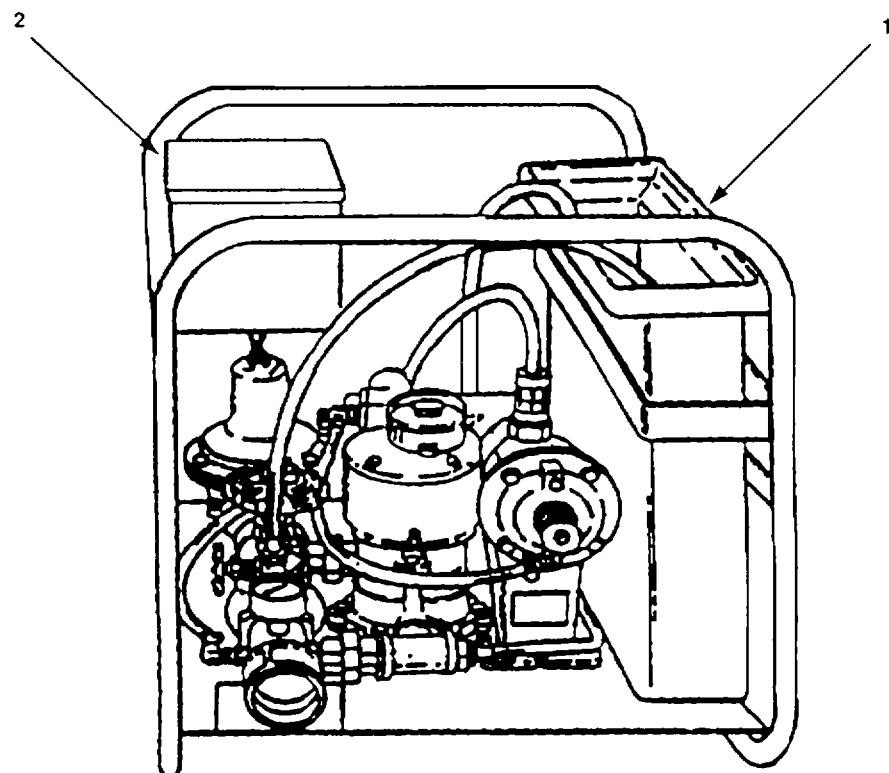


Figure 27. Hypochlorination Unit

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY

GROUP 05 DISTRIBUTION POINT

FIG. 27 HYPOCHLORINATION UNIT

	PDOFH	31922	1955-1	HYPOCHLORINATION UN.....	1
1	XBOZZ	09680	D-239388	UOC: DTC, DTR RESERVOIR, CHLORINE	1
2	XBOZZ	09680	A 813933	UOC: DTC, DTR TOOL BOX	1

END OF FIGURE

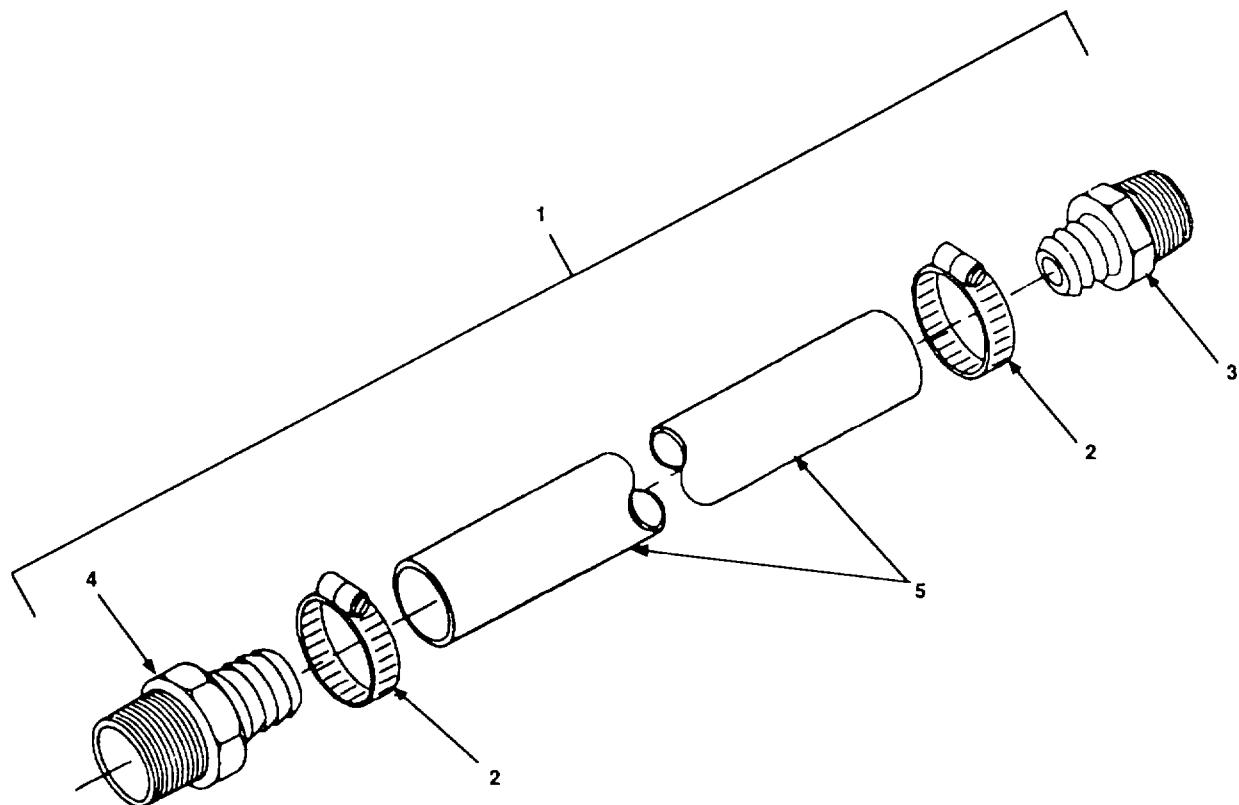


Figure 28. Hose Assembly, Outlet

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY

GROUP 05 DISTRIBUTION POINT

FIG. 28 HOSE ASSEMBLY, OUTLET

1	XBOOO	09680	D-239381	HOSE ASSEMBLY OUTLET	1
2	XBOZZ	31922	416-3391-001	UOC: DTC, DTR CLAMP, HOSE 3/8 IN.....	2
3	XBOZZ	09680	KFO6-04PS	UOC: DTC, DTR CONNECTOR, HOSE	1
4	XBOZZ	09680	KFO6-06PS	UOC: DTC, DTR CONNECTOR, HOSE	1
5	XBOZZ	09680	D-239386	UOC: DTC, DTR HOSE, DISCHARGE	1

END OF FIGURE

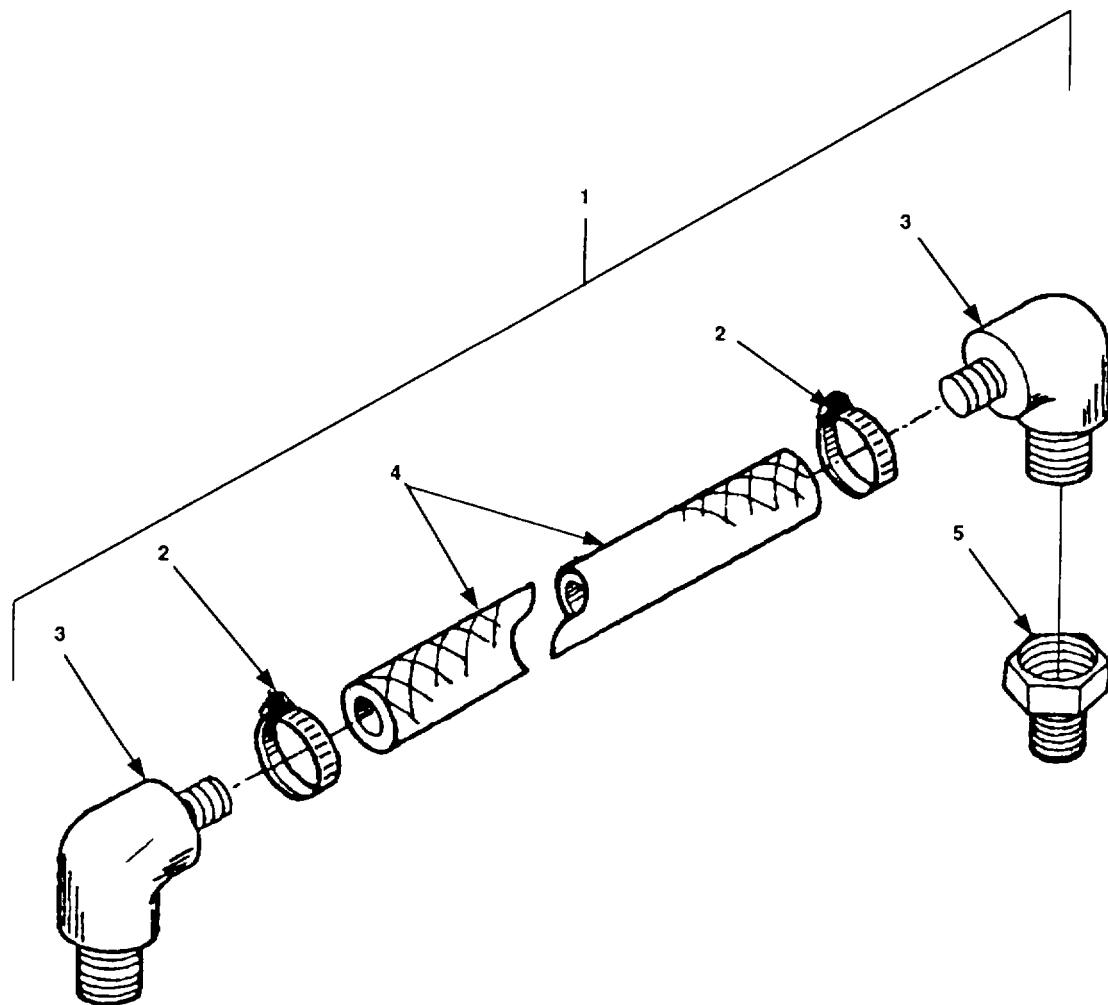


Figure 29. Pressure Regulating Hose

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY

GROUP 05 DISTRIBUTION POINT

FIG. 29 PRESSURE REGULATING HOSE

1	XBOOO	09680	D-239385	HOSE ASSEMBLY HYPOCHLORINATOR TO PILOT VALVE NIPPLE TO PRESSURE REGULATOR	1
2	XBOZZ	31922	416-3391-001	UOC: DTC, DTR CLAMP, HOSE 3/8 IN.....	2
3	XBOZZ	30327	KF06-04PS90	UOC: TDTC, DTR ELBOW, PIPE TO HOSE	2
4	XBOZZ	09680	D-239386	UOC: DTC, DTR HOSE, DISCHARGE	1
5	XBOZZ	81349	MS49000	UOC: DTC, DTR REDUCER.....	1

END OF FIGURE

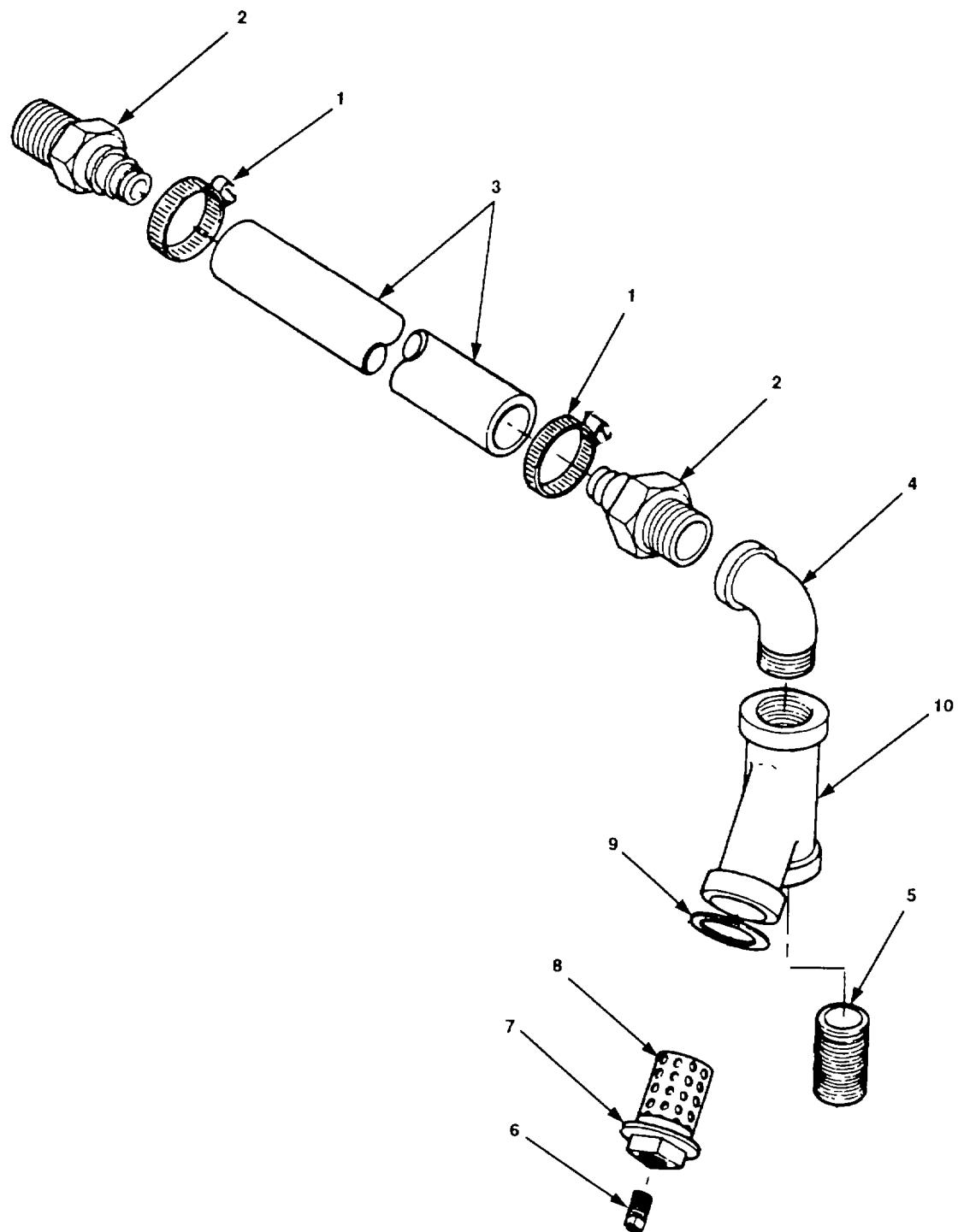


Figure 30. Hose Assembly, Inlet

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 30 HOSE ASSEMBLY, INLET					
	XBOOO	09680	D-239384	HOSE ASSEMBLY INLET	1
1	XBOZZ	31922	416-3391-001	UOC: DTC, DTR CLAMP, HOSE 3/8 IN.....	2
2	XBOZZ	09680	KF06-08PS	UOC: DTC, DTR CONNECTOR, HOSE 3/8 IN. X 1/2 IN. NPT	2
3	XBOZZ	09680	D-239386	UOC: DTC, DTR HOSE, DISCHARGE	1
4	XBOZZ	09680	D-814313	UOC: DTC, DTR ELBOW, STREET 1/2 IN.....	1
5	XBOZZ	09680	D-814314	UOC: DTC, DTR NIPPLE, CLOSE 1/2 IN. NPT	1
6	XBOZZ	09680	D-814323	UOC: DTC, DTR PLUG, PIPE 3/8 IN.....	1
7	XBOZZ	09680	S-3	UOC: DTC, DTR CAP, STRAINER 1/2 IN.....	1
8	XBOZZ	09680	S-5	UOC: DTC, DTR SCREEN, STRAINER.....	1
9	XBOZZ	09680	S-4	UOC: DTC, DTR GASKET.....	1
10	XBOZZ	09680	S-8	UOC: DTC, DTR BODY, STRAINER 1/2 IN	1

END OF FIGURE

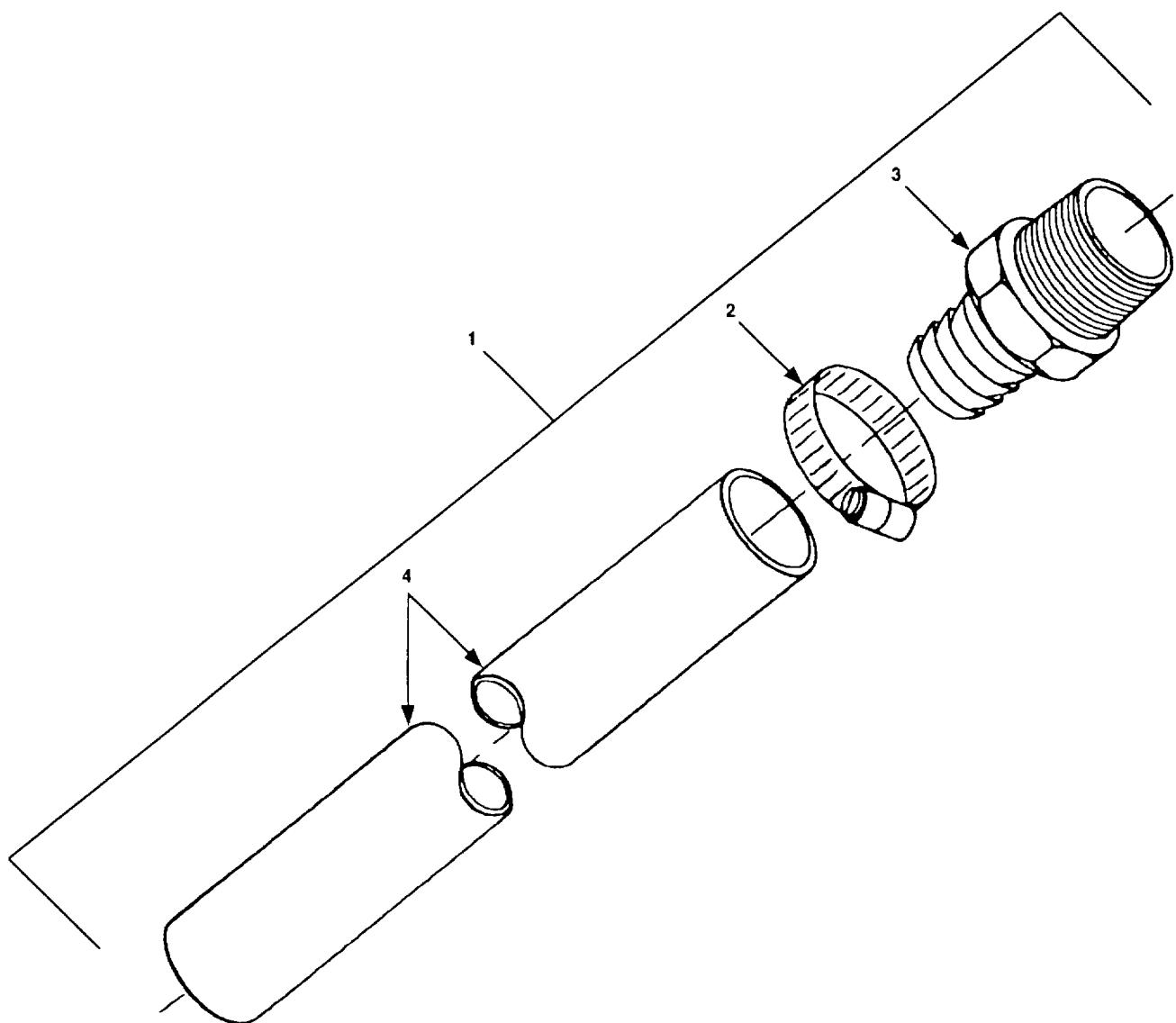


Figure 31. Hose Assembly, Drain

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 31 HOSE ASSEMBLY, DRAIN					
1	XBOOO	09680	D-239382	HOSE ASSEMBLY DRAIN	1
				UOC: DTC, DTR	
2	XBOZZ	96906	MS35842-10	CLAMP, HOSE 1/2 IN.....	1
				UOC: DTC, DTR	
3	XBOZZ	09680	KF12-08PS	CONNECTOR, HOSE 3/4 IN. X 1/2 IN. NPT	1
				UOC: DTC, DTR	
4	XBOZZ	09680	B-712	HOSE 3/4 IN.....	1
				UOC: DTC, DTR	

END OF FIGURE

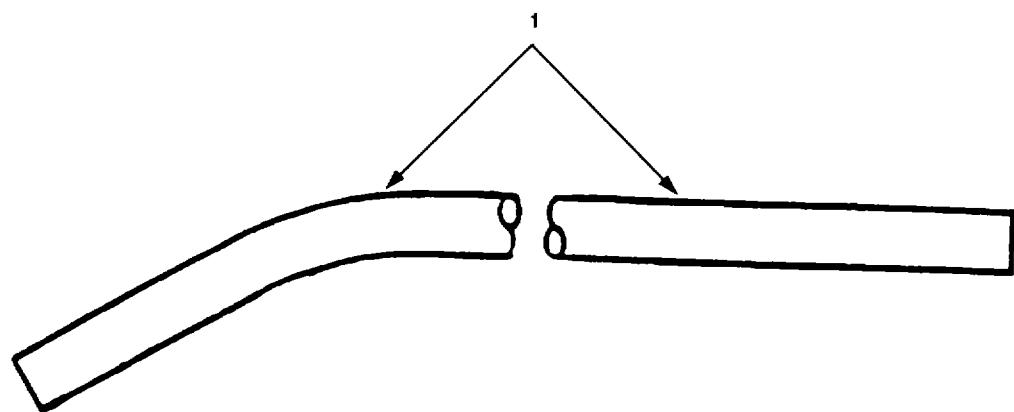


Figure 32. Fill Hose

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 32 FILL HOSE					
1	XBOZZ	09680	D-239386	HOSE, DISCHARGE	V
UOC: DTC, DTR					

END OF FIGURE

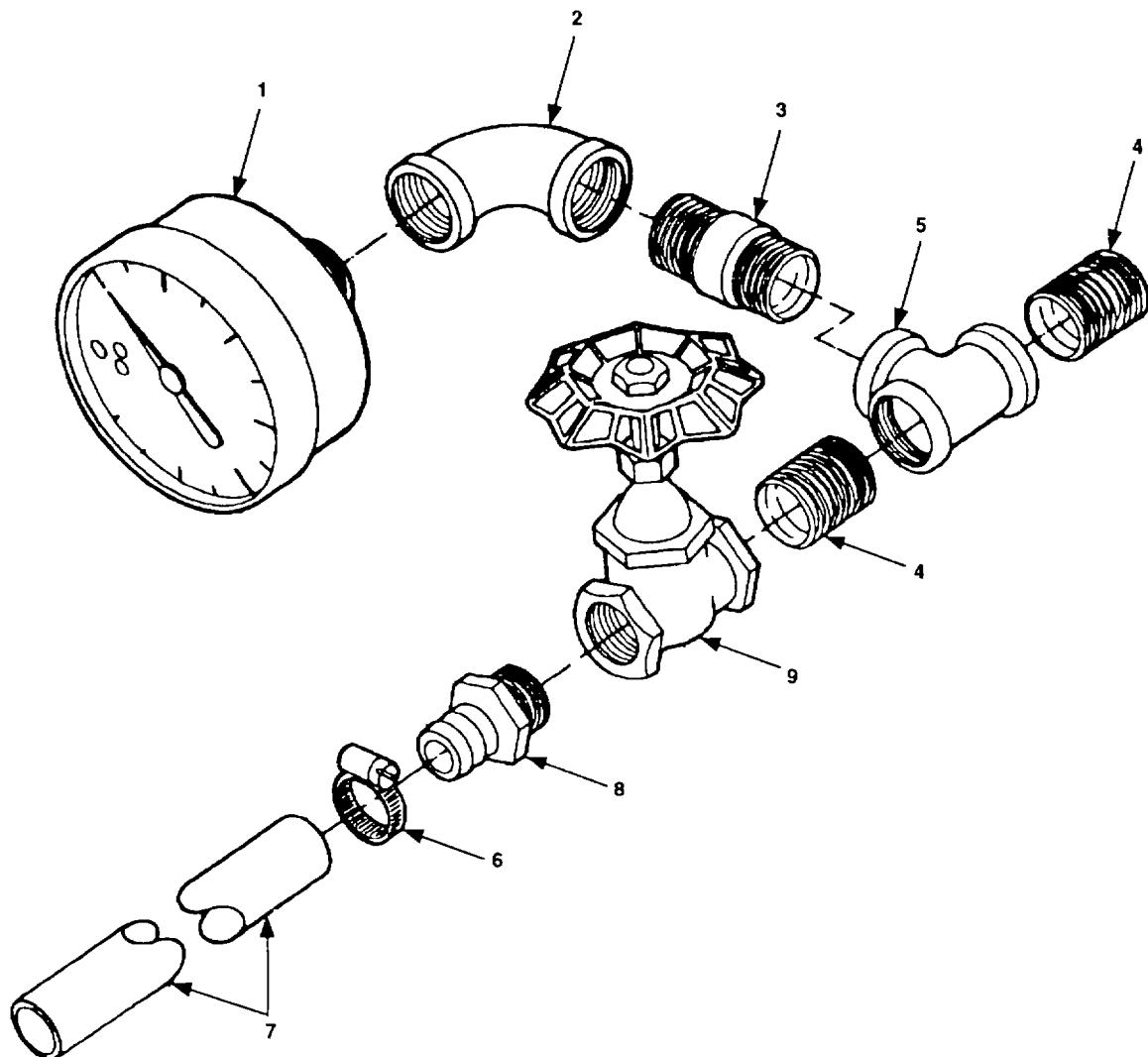


Figure 33. Pressure Gage and Fill Assembly

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
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GROUP 05 DISTRIBUTION POINT

FIG. 33 PRESSURE GAGE AND FILL
ASSEMBLY

	XBOOO	09680	D-239383	PRESSURE GAGE AND FILL ASSEMBLY	1
1	XBOZZ	31952	500S	UOC: DTC, DTR GAGE, PRESSURE, DIAL.....	1
2	XBOZZ	09680	D-814358	UOC: DTC, DTR ELBOW 1/4 IN. NPT.....	1
3	XBOZZ	09680	D-814328	UOC: DTC, DTR NIPPLE 1/4 IN. NPT.....	1
4	XBOZZ	09680	D-814327	UOC: DTC, DTR NIPPLE, CLOSE 1/4 IN.NPT	2
5	XBOZZ	09680	D-814309	UOC: DTC, DTR TEE 1/4 IN. NPT.....	1
6	XBOZZ	31922	416-3391-001	UOC: DTC, DTR CLAMP, HOSE 3/8 IN.....	1
7	XBOZZ	09680	D-239386-2	UOC: DTC, DTR TUBING.....	V
8	XBOZZ	09680	KFO6-04PS	UOC: DTC, DTR CONNECTOR, HOSE	1
9	XBOZZ	14448	1B415-114	UOC: DTC, DTR VALVE, GLOBE 1/4 IN	1

END OF FIGURE

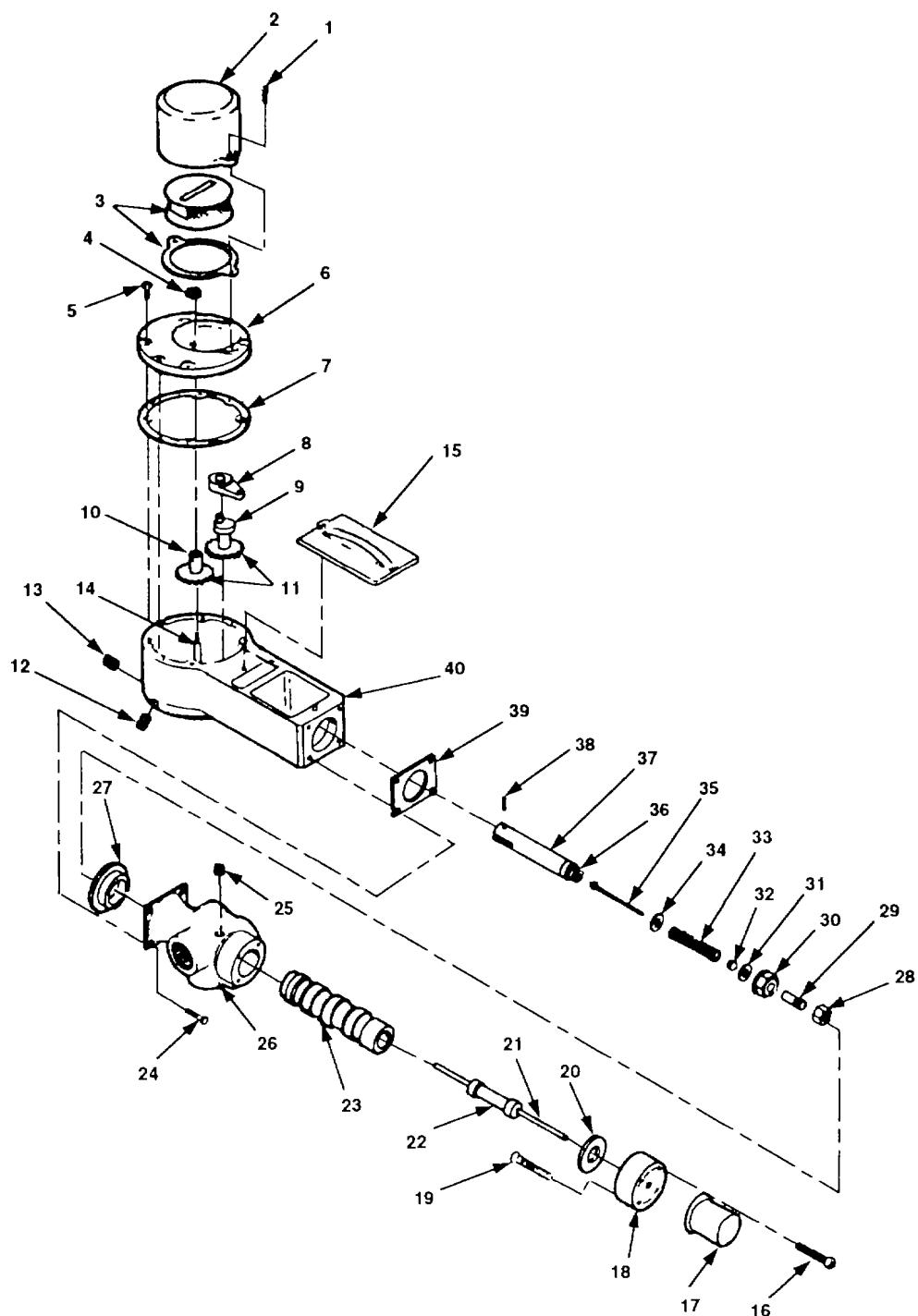


Figure 34. Pilot Valve and Gearbox

SECTION II

TM10-4320-303-23P

(5)

(6)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
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GROUP 05 DISTRIBUTION POINT

FIG. 34 PILOT VALVE AND GEARBOX

	XBFFF	09680	A-239321	PILOT VALVE	1
1	XBFZZ	09680	5	UOC: DTC, DTR SCREW, BONNET	2
2	XBFZZ	31922	VM8793	UOC: DTC, DTR CAP, VALVE	1
3	XBFZZ	09680	D-805711-1	UOC: DTC, DTR REGISTER, MECHANISM.....	1
4	XBFZZ	09680	V-8764-B	UOC: DTC, DTR GEAR, SPUR	1
5	XBFZZ	09680	D-814329	UOC: DTC, DTR SCREW, MACHINE NO. 10-32 UNC	4
6	XBFZZ	09680	AX-319	UOC: DTC, DTR COVER, GEAR BOX	1
7	XBFZZ	31922	A326	UOC: DTC, DTR GASKET.....	1
8	XBFZZ	09680	0AX-332	UOC: DTC, DTR ARM ASSEMBLY, CRANK	1
9	XBFZZ	09680	A-330-1	UOC: DTC, DTR CRANK.....	1
10	XBFZZ	31922	A-93	UOC: DTC, DTR BUSHING, SLEEVE	1
11	XBFZZ	09680	A-48	UOC: DTC, DTR GEARS, GEAR BOX	2
12	XBFZZ	09680	D-814336	UOC: DTC, DTR SCREW, SOCKET, HEAD NO. 10-32 UNC	1
13	XBFZZ	09680	D-814339	UOC: DTC, DTR PLUG, SOCKET, HEAD 1/4 IN	1
14	XBFZZ	09680	0A-347	UOC: DTC, DTR SHAFT, MAIN DRIVE	1
15	XBFZZ	09680	AX-327	UOC: DTC, DTR COVER, YOKE	1
16	XBFZZ	09680	D-814330	UOC: DTC, DTR SCREW, MACHINE NO. 8-32 UNC	4
17	XBFZZ	09680	D-213614	UOC: DTC, DTR CAP, END	1
18	XBFZZ	09680	C-289	UOC: DTC, DTR CAP, LOCK, SPRING	1
19	XBFZZ	09680	D-814331	UOC: DTC, DTR SCREW, MACHINE NO. 8-32 UNC	2
20	XBFZZ	09680	5133-18	UOC: DTC, DTR RING, RETAINER	1
21	XBFZZ	09680	C-290	UOC: DTC, DTR ROD, VALVE	1
22	XBFZZ	09680	C-273-P9	UOC: DTC, DTR VALVE, SLUG	1
23	XBFZZ	09680	C-228-P9T	UOC: DTC, DTR SLEEVE, VALVE	1

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
24	XBFZZ	09680	D-814334	SCREW, MACHINE NO. 8-32 UNC..... UOC: DTC, DTR	4
25	XBFZZ	09680	D-814323	PLUG, PIPE 3/8 IN..... UOC: DTC, DTR	1
26	XBFZZ	09680	CX-271-1	HOUSING, VALVE	1
27	XBFZZ	09680	C-287	UOC: DTC, DTR CAP, VALVE HOUSING	1
28	XBFZZ	09680	C-277	UOC: DTC, DTR NUT, LOCK, ROD	1
29	XBFZZ	09680	A-339	UOC: DTC, DTR COUPLING, LINK.....	1
30	XBFZZ	09680	A-335	UOC: DTC, DTR CAP, LINK SPRING.....	1
31	XBFZZ	09680	D-814335	WASHER, LOCK NO. 5..... UOC: DTC, DTR	1
32	XBFZZ	09680	A-338	UOC: DTC, DTR COLLAR, SPRING SCREW	1
33	XBFZZ	31922	DS46-37	SPRING, HELICAL, COMP	1
34	XBFZZ	09680	D-814332	UOC: DTC, DTR WASHER, FLAT NO. 10.....	3
35	XBFZZ	09680	A-337	UOC: DTC, DTR SCREW, SPRING	1
36	XBFZZ	09680	A-336	UOC: DTC, DTR NUT, LOCK SPRING LINK.....	1
37	XBFZZ	09680	A-334	UOC: DTC, DTR SLEEVE, SPRING LOCK	1
38	XBFZZ	09680	A-333	UOC: DTC, DTR PIN, CRANK ARM	1
39	XBFZZ	31922	C278	GASKET..... UOC: DTC, DTR	2
40	XBFZZ	09680	OAX-325	BOX, GEAR..... UOC: DTC, DTR	1

END OF FIGURE

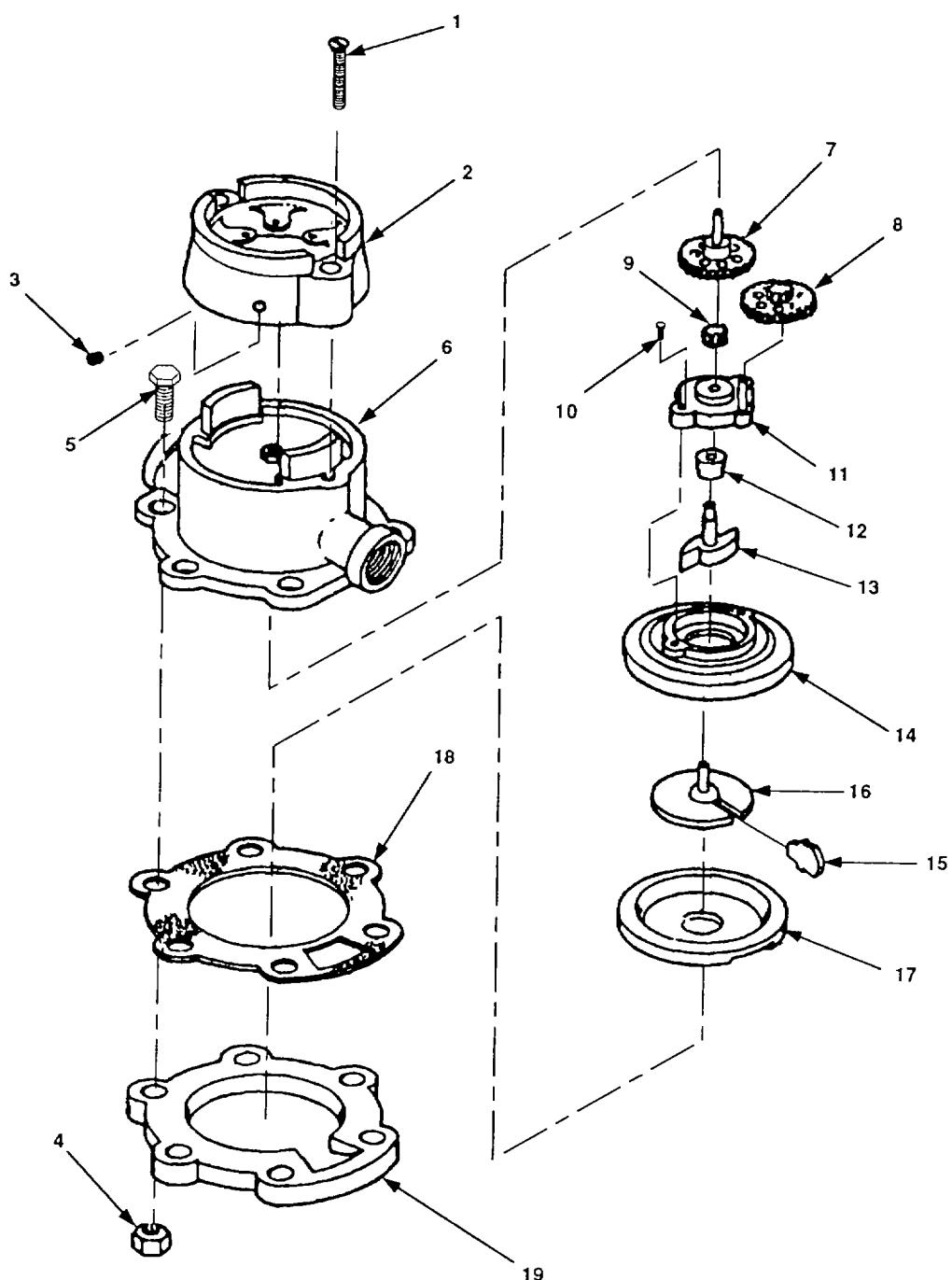


Figure 35. Water Meter, 1 in.

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 35 WATER METER, 1 IN.					
	XBFFF	09680	D-239389	METER, WATER 1.0 IN	1
1	XBFZZ	09680	417-0061-723	UOC: DTC, DTR SCREW, MOUNTING, CUP	2
2	XBFZZ	09680	AX-265-2	UOC: DTC, DTR MOUNTING, METER CUP	1
3	XBFZZ	09680	417-0057-094	UOC: DTC, DTR SCREW, SET, SOCKET	3
4	XBFZZ	09680	22032P042	UOC: DTC, DTR NUT, BOLT, CASING	6
5	XBFZZ	09680	15609P024	UOC: DTC, DTR BOLT, CASING	6
6	XBFZZ	09680	51031K017	TOP, BRONZE CASING.....	1
7	XBFZZ	09680	1025G031	UOC: DTC, DTR TOP, GEAR.....	1
8	XBFZZ	09680	51015G003	UOC: DTC, DTR GEAR, 1	1
9	XBFZZ	09680	51091P021	UOC: DTC, DTR PINION.....	1
10	XBFZZ	09680	10347P058	UOC: DTC, DTR SCREW, GEAR PLATE.....	2
11	XBFZZ	09680	51017G008	UOC: DTC, DTR PLATE, GEAR.....	1
12	XBFZZ	09680	51010P004	UOC: DTC, DTR ROLLER, RUBBER	1
13	XBFZZ	09680	51019G004	UOC: DTC, DTR SHAFT, DRIVE.....	1
14	XBFZZ	09680	51034P002	UOC: DTC, DTR TOP, DISC CHAMBER.....	1
15	XBFZZ	09680	51032P045	UOC: DTC, DTR DIAPHRAGM.....	1
16	XBFZZ	09680	51210G001	UOC: DTC, DTR DISC, HARD RUBBER	1
17	XBFZZ	09680	51033P002	UOC: DTC, DTR BOTTOM DISC CHAMBER	1
18	XBFZZ	09680	51068P102	UOC: DTC, DTR GASKET.....	1
19	XBFZZ	09680	51023P033	UOC: DTC, DTR BOTTOM, BRONZE	1

END OF FIGURE

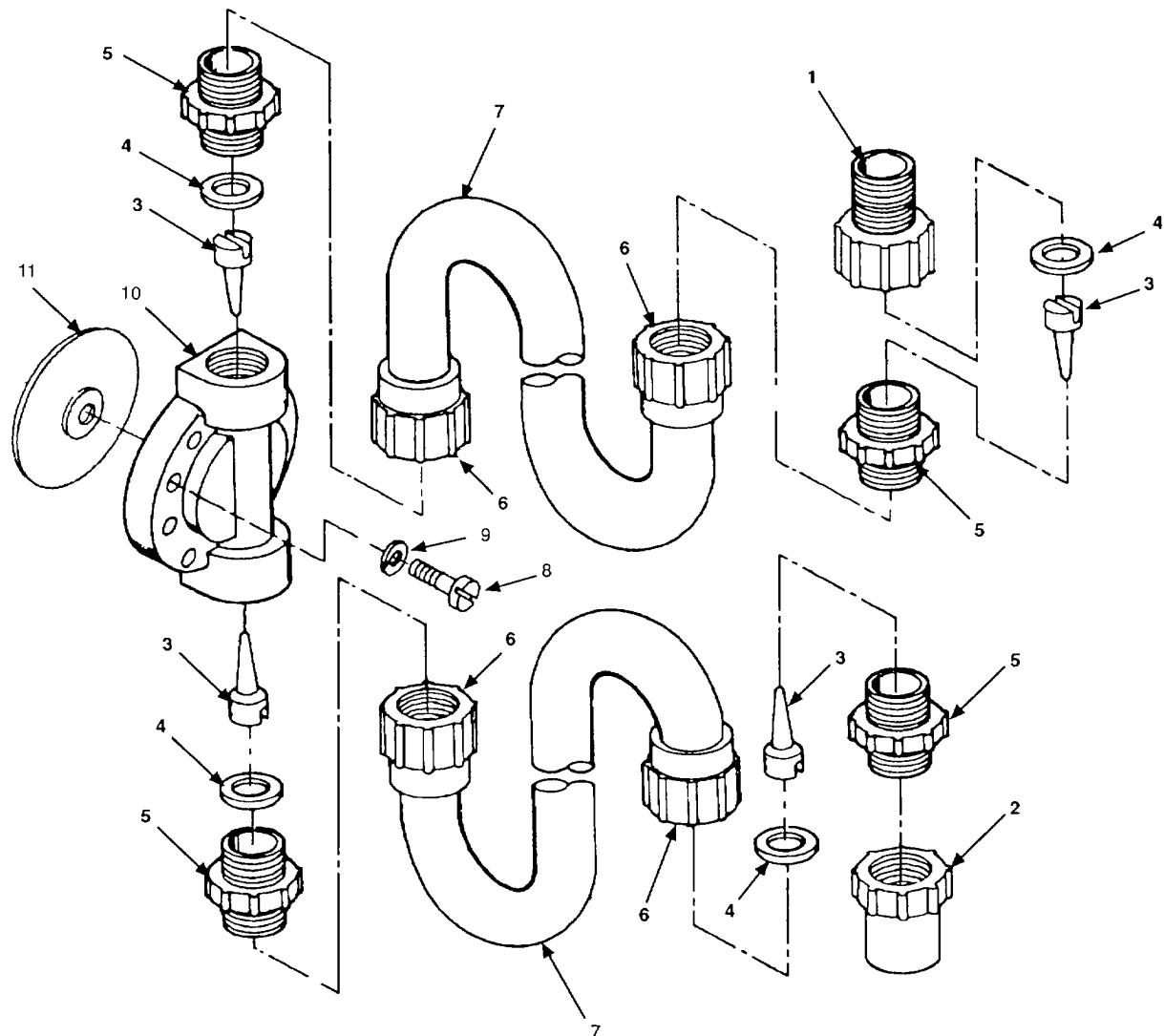


Figure 36. Head Assembly, Liquid (Sheet 1 of 2)

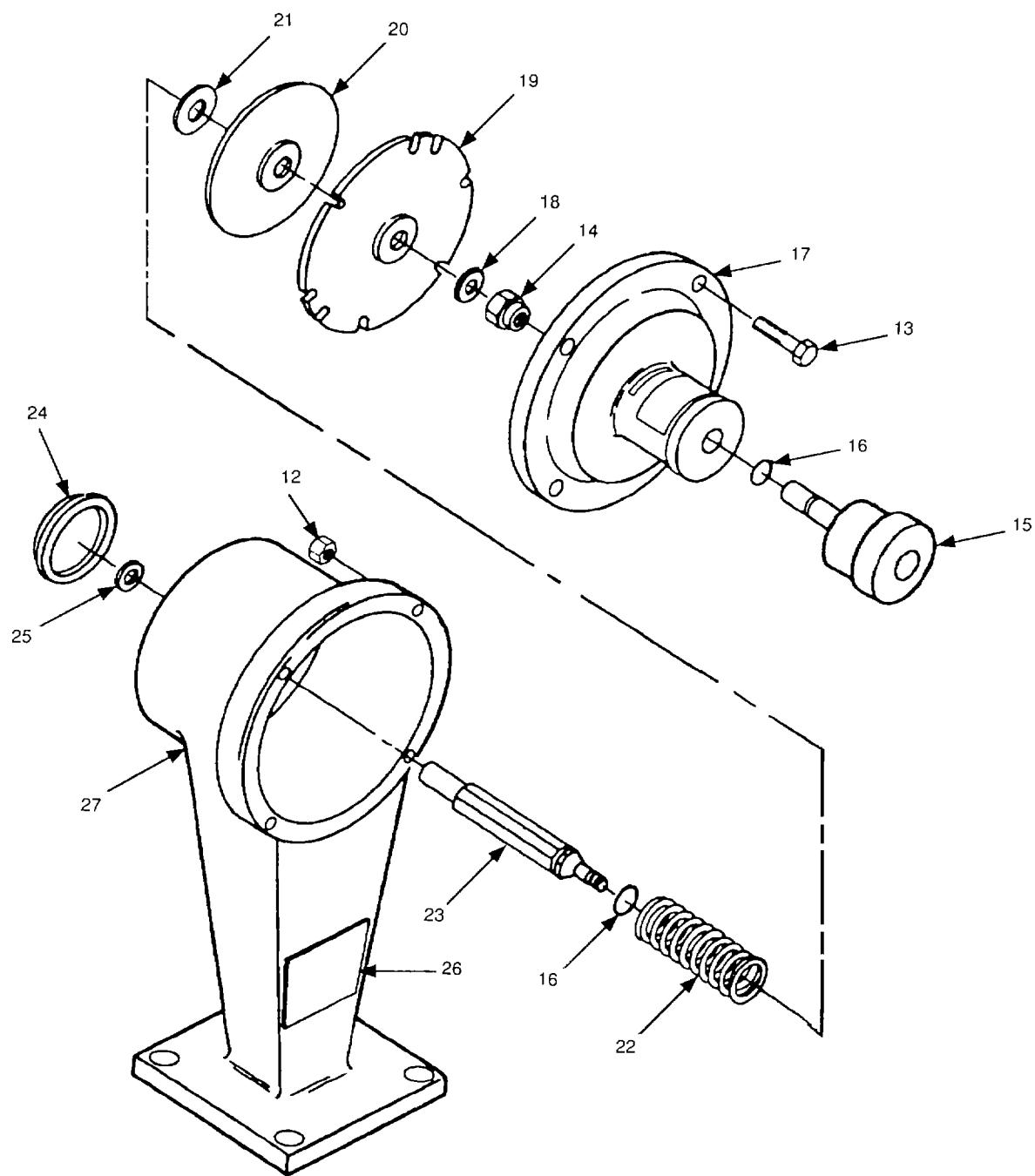


Figure 36. Head Assembly, Liquid (Sheet 2 of 2)

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 36 HEAD ASSEMBLY, LIQUID					
	XBOOO	31922	B-239387	HYPOCHLORINATOR.....	1
1	XBOZZ	31922	G856-6	UOC: DTC, DTR HEAD, INJECTION.....	
2	XBOZZ	31922	G855	UOC: DTC, DTR STRAINER CUP	1
3	XBOZZ	31922	D-806515-3	UOC: DTC, DTR VALVE, CHECK	4
4	XBOZZ	31922	D-812699-1	UOC: DTC, DTR PACKING, PREFORMED	4
5	XBOZZ	09680	G-1197-3	UOC: DTC, DTR BODY, CHECK VALVE.....	4
6	XBOOA	31922	F-921-1	NUT, TUBE	4
7	XBOZZ	09680	D-239386	UOC: DTC, DTR HOSE, DISCHARGE	2
8	XBOZZ	09680	D-814352	SCREW, MACHINE NO. 10-32 X 1.0 IN. LG.....	8
9	XBOZZ	31922	F-11	UOC: DTC, DTR WASHER, SPECIAL.....	8
10	XBOZZ	09680	B-805285-2	LIQUID, HEAD.....	1
11	XBOZZ	09680	OF-726-V	UOC: DTC, DTR DIAPHRAGM.....	1
12	XBOZZ	09680	D-814353	UOC: DTC, DTR NUT, SQUARE 1/4 IN.....	4
13	XBOZZ	09680	D-814397	UOC: DTC, DTR SCREW, HEXAGON HEAD 1/4 IN. 20 X 1-1/8 IN	4
14	XBOZZ	09680	D-814354	UOC: DTC, DTR NUT, FLEXLOCK 3/8 IN	1
15	XBOZZ	09680	D-813172	UOC: DTC, DTR KNOB.....	1
16	XBOZZ	31922	188672-42	UOC: DTC, DTR PACKING, PREFORMED 3/8 IN. ID. X 1/2 IN. OD	1
17	XBOZZ	09680	D-813205	UOC: DTC, DTR CAP AND SLEEVE.....	1
18	XBOZZ	09680	D-814316	UOC: DTC, DTR WASHER, FLAT 3/8 IN	1
19	XBOZZ	31922	H-18-1	UOC: DTC, DTR DIAPHRAGM, IMPULSE	1
20	XBOZZ	09680	D-813212	UOC: DTC, DTR WASHER, CLAMPING	1
21	XBOZZ	09680	D-813672	UOC: DTC, DTR SPACER, SPRING	1
22	XBOZZ	31922	DS46-134	UOC: DTC, DTR SPRING, HELICAL, COMP	1

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
23	XBOZZ	09680	D-813173	UOC: DTC, DTR ROD, PUSH	1
24	XBOZZ	31922	F721	UOC: DTC, DTR PLATE ASSY	1
25	XBOZZ	09680	D-814317	UOC: DTC, DTR WASHER, FLAT 5/16 IN.....	1
26	XBOZZ	09680	DN-275	UOC: DTC, DTR NAMEPLATE.....	1
27	XBOZZ	09680	A-813003	UOC: DTC, DTR FRAME.....	1
				UOC: DTC DTR	

END OF FIGURE

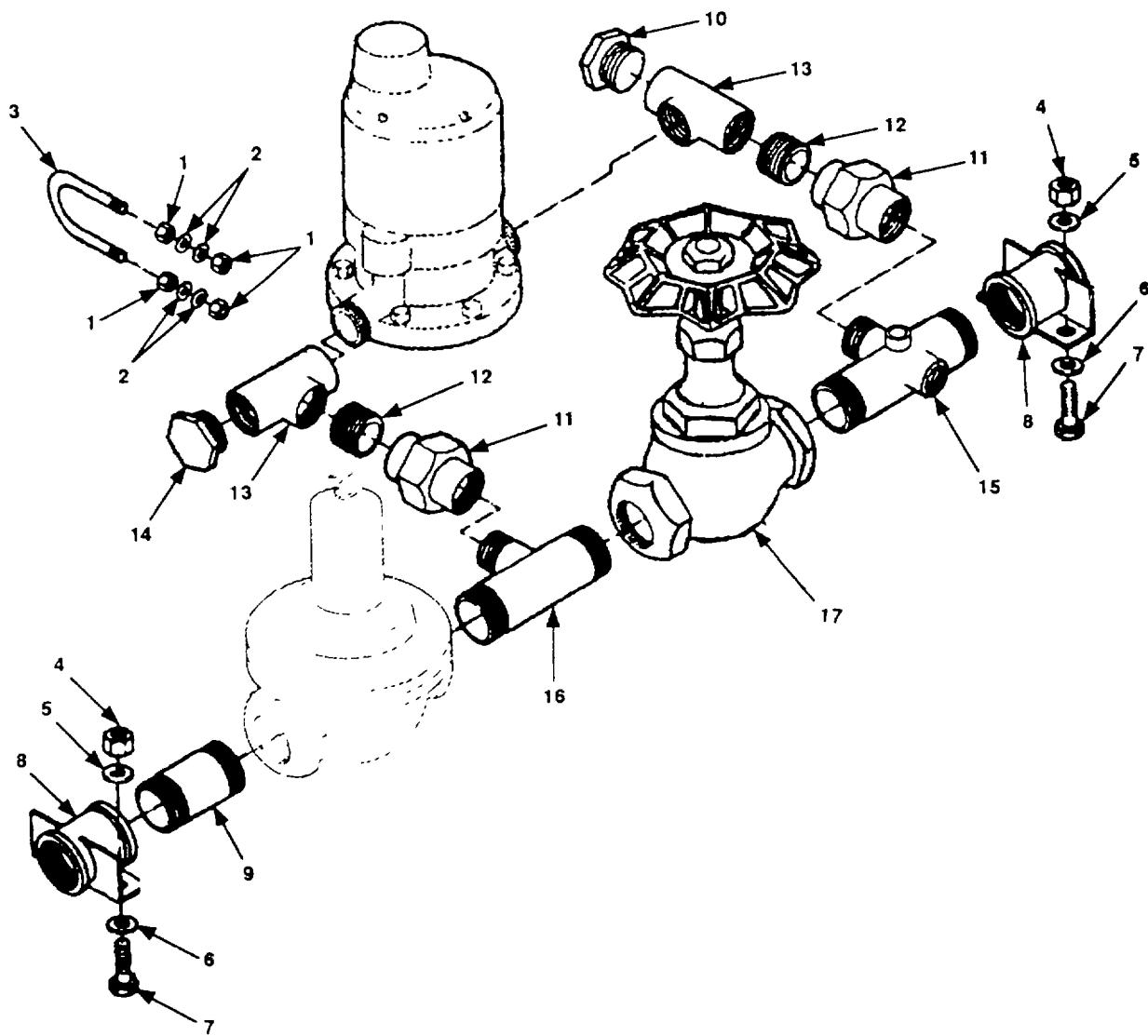


Figure 37. Plumbing, Manifold Assembly

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 37 PLUMBING, MANIFOLD ASSEMBLY					
	XBOFF	09680	A-239375	MANIFOLD ASSEMBLY	1
1	XBOZZ	09680	417-0022-046	UOC: DTC, DTR NUT, HEXAGON 3/8-16	8
2	XBOZZ	09680	417-0037-057	UOC: DTC, DTR WASHER, PLAIN 3/8 IN.....	8
3	XBOZZ	09680	A-239375-12	UOC: DTC, DTR U-BOLT 3/8 IN. X 1.0 IN	2
4	XBOZZ	09680	417-0022-026	UOC: DTC, DTR NUT, HEXAGON 3/8-16	8
5	XBOZZ	09680	417-0036-024	UOC: DTC, DTR WASHER, LOCK 5/16 IN.....	4
6	XBOZZ	09680	417-0037-056	UOC: DTC, DTR WASHER, PLAIN 5/16 IN.....	8
7	XBOZZ	09680	417-0052-127	UOC: DTC, DTR SCREW, CAP, HEXAGON 5/16-18 X 1-1/ 2 IN. LG	4
8	XBOZZ	09680	C-239372	UOC: DTC, DTR COUPLING, SUPPORT.....	2
9	XBOZZ	09680	416-3309-090	UOC DTC, DTR NIPPLE, PIPE 2.0 IN. X 4-1/2 IN LG	1
10	XBOZZ	09680	416-3301-010	UOC: DTC, DTR BUSHING, REDUCING 1.0 IN. X 3/4 IN	1
11	XBOZZ	09680	416-3312-006	UOC: DTC, DTR UNION, BRASS 1.0 IN	2
12	XBOZZ	09680	416-3300-055	UOC: DTC, DTR NIPPLE, CLOSE BRASS, 1.0 IN	2
13	XBOZZ	09680	416-3311-006	UOC: DTC, DTR TEE, PIPE BRASS, 1.0 IN.....	2
14	XBOZZ	09680	416-3301-011	UOC: DTC, DTR BUSHING, REDUCING BRASS, 1.0 IN. X 1/2 IN	1
15	XBOZZ	09680	C-239374	UOC: DTC, DTR NIPPLE, INLET 2.0 IN	1
16	XBOZZ	09680	C-239373	UOC: DTC, DTR NIPPLE, OUTLET 2.0 IN	1
17	XBOZZ	09680	045	UOC: DTC, DTR VALVE, ASSEMBLY 2.0 IN	1

END OF FIGURE

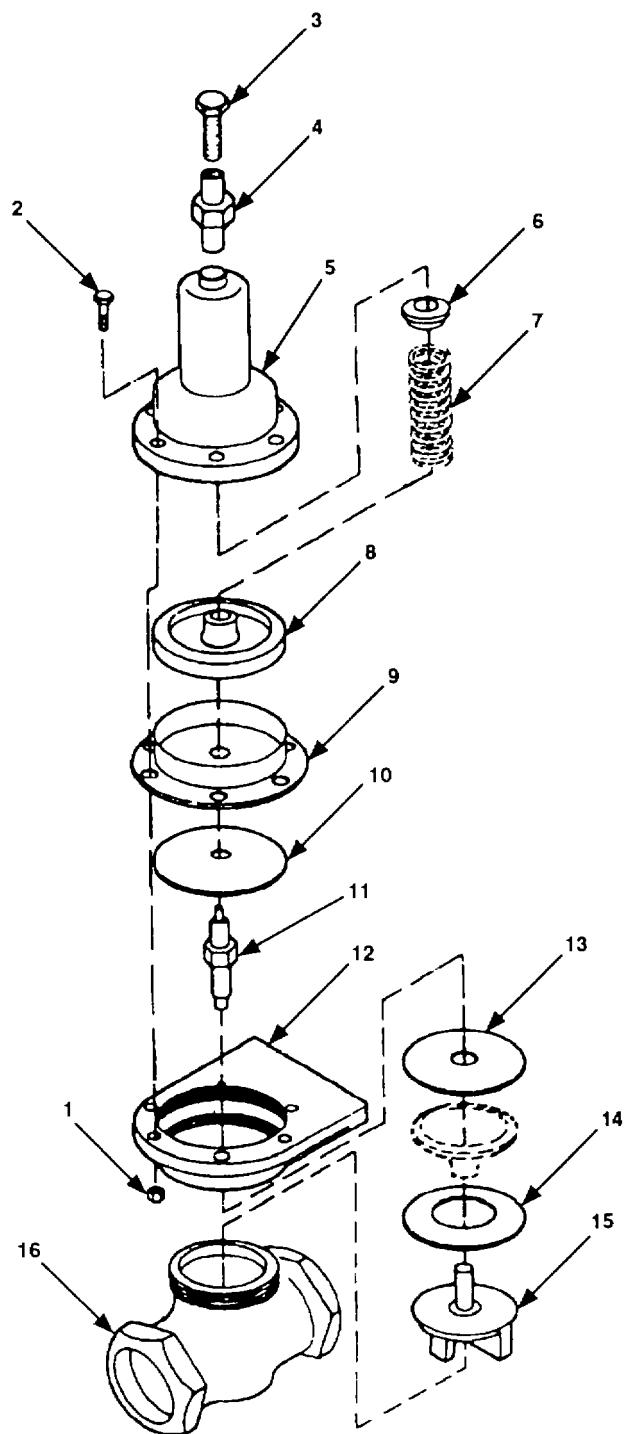


Figure 38. Valve Assembly, Pressure Regulating

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05 DISTRIBUTION POINT					
FIG. 38 VALVE ASSEMBLY, PRESSURE REGULATING					
	XBOFF	09680	B-239370	VALVE, PRESSURE	1
1	XBFZZ	96906	MS51967-8	UOC: DTC, DTR NUT, PLAIN, HEXAGON 3/8 IN-16 UNC	6
2	XBFZZ	80204	MS90728-62	SCREW, CAP, HEXAGON H 3/8 IN-16	6
				UNC X 1-1/4 IN. LG	
3	XBFZZ	96906	MS51955-74	SETSCREW 1/2 IN-13 UNC X 1-3/4 IN. LG	1
				UOC:DTC, DTR	
4	XBFZZ	96906	MS35691-33	NUT, PLAIN, HEXAGON 1/2 IN-13.....	1
5	XBFZZ	09680	D-813972	UOC: DTC, DTR CAP, PRESSURE VALVE	1
6	XBFZZ	31922	D-813968	SEAT, HELICAL COMPRE	1
7	XBFZZ	31922	DS-46-145	UOC: DTC, DTR SPRING, HELICAL, COMP	1
8	XBFZZ	31922	C-813971	UOC: DTC, DTR PISTON, VALVE.....	1
9	XBFZZ	31922	C-813969	DIAPHRAGM, VALVE, FLA	1
10	XBFZZ	31922	C-813970	UOC: DTC, DTR RETAINER, DISK, VALVE.....	1
11	XBFZZ	31922	D-813967	UOC: DTC, DTR CONNECTING LINK, RIG	1
12	XBFZZ	09680	B-813973	RETAINER, PRESSURE	1
13	XBFZZ	31922	D-814234	UOC: DTC, DTR WASHER, FLAT	1
14	XBFZZ	31922	D-239398	UOC: DTC, DTR GASKET.....	1
15	XBFZZ	31922	D-813988	DISK, VALVE	1
16	XBFZZ	09680	C-813966	UOC: DTC, DTR BODY	1

END OF FIGURE

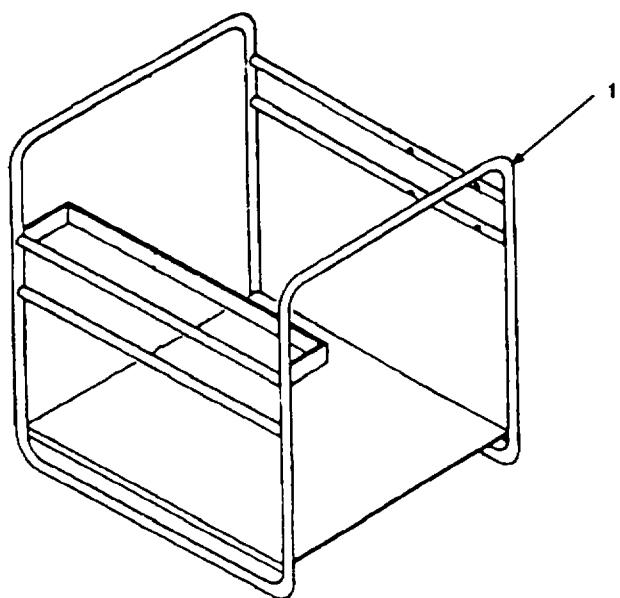


Figure 39. Frame

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
1	XBOFF	09680	A-239376	GROUP 05 ..FRAME..... UOC: DTC, DTR	1

END OF FIGURE

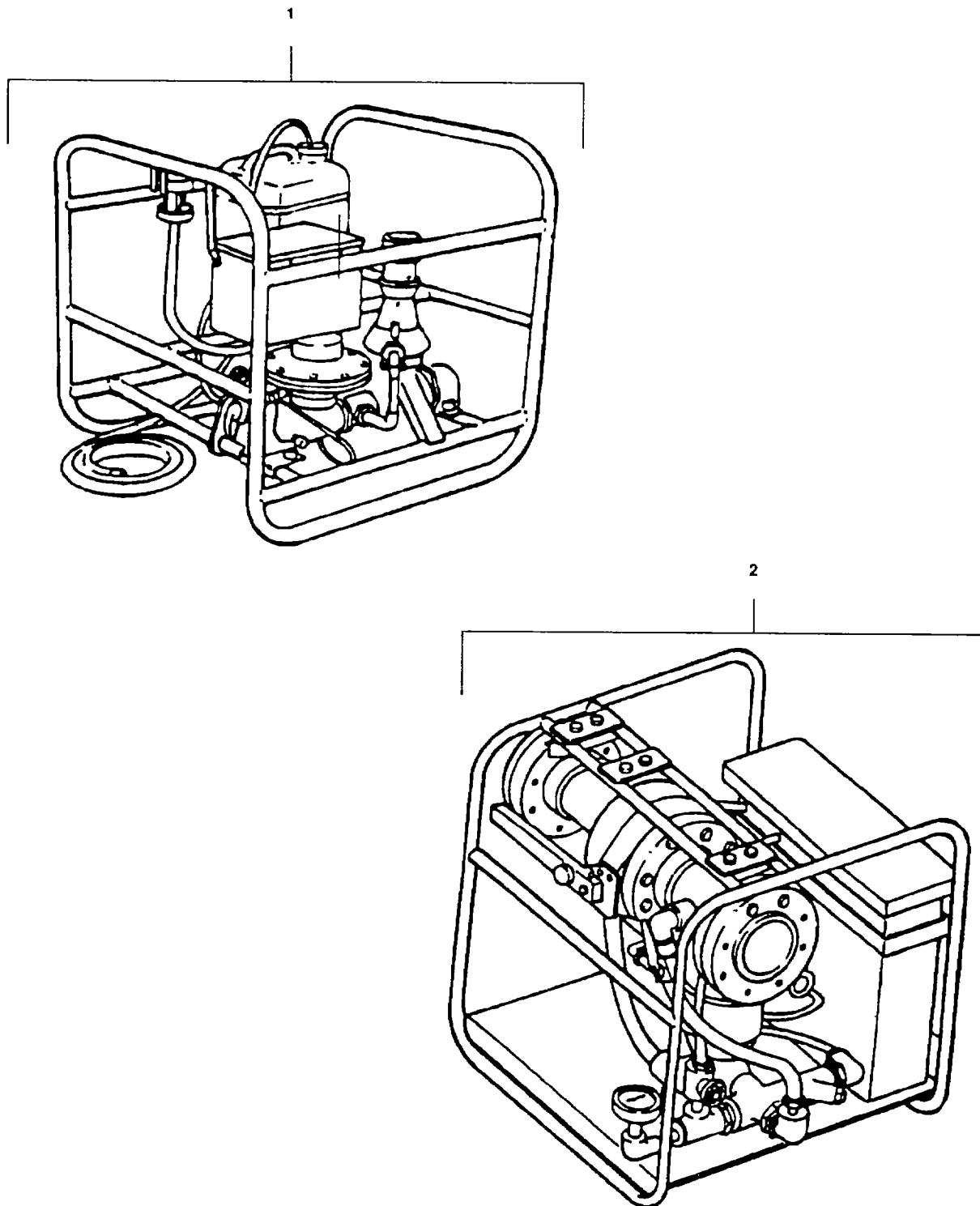


Figure 40. Hypochlorination Unit

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 05 DISTRIBUTION POINT	
				FIG. 40 HYPOCHLORINATION UNIT	
1	PDOFF	79172	A-506131	.HYPOCHLORINATION UN FOR PARTS BREAKDOWN SEE TM5-4320-208-24P UOC: DTQ	1
2	PDOFF	31922	1955-3	.HYPOCHLORINATION UN FOR PARTS BREAKDOWN SEE TM5-4320-208-24P UOC: EAM	1

END OF FIGURE

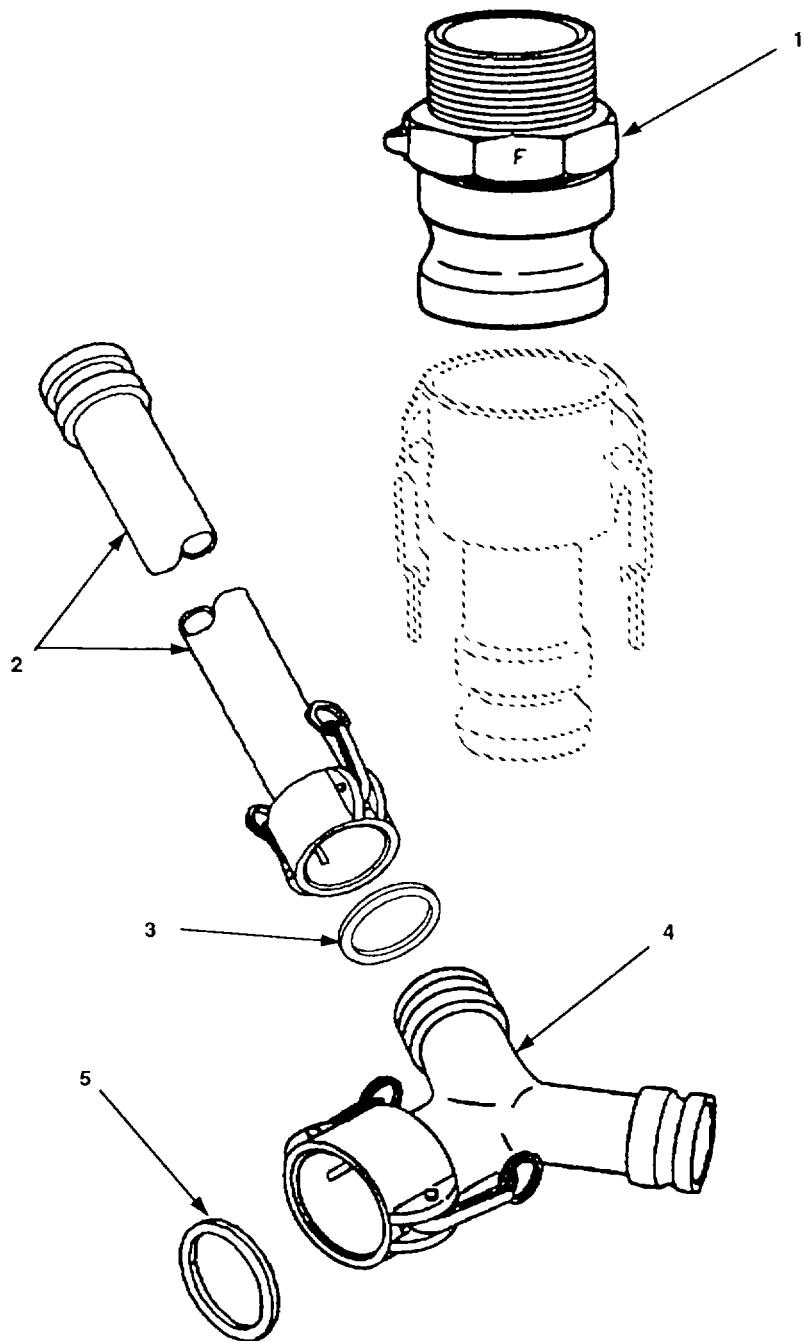


Figure 41. Coupling Half and Y-Connection, 2 in

SECTION II		TM10-4320-303-23P		(5)	(6)
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 05					DISTRIBUTION POINT
FIG. 41					COUPLING HALF AND Y-CONNECTION, 2 IN
1	PBOZZ	96906	MS27022-17	.COUPLING HALF, QUICK..... UOC: DTC, DTQ, DTR, EAM	2
2	PAOOZ	97403	13225E9136-2	.HOSE ASSEMBLY, NONME 20 IN DIA..... X 200 FT LG UOC: DTC, DTQ, DTR, EAM	7
3	PCOZZ	96906	MS27030-6	..GASKET..... UOC: DTC, DTQ, DTR, EAM	1
4	PAOOO	81718	319-K-2IN	..WYE, QUICK DISCONNEC 20 IN	3
5	PCOZZ	96906	MS27030-6	UOC: DTC, DTR ..GASKET..... UOC: DTC, DTQ, DTR, EAM	1

END OF FIGURE

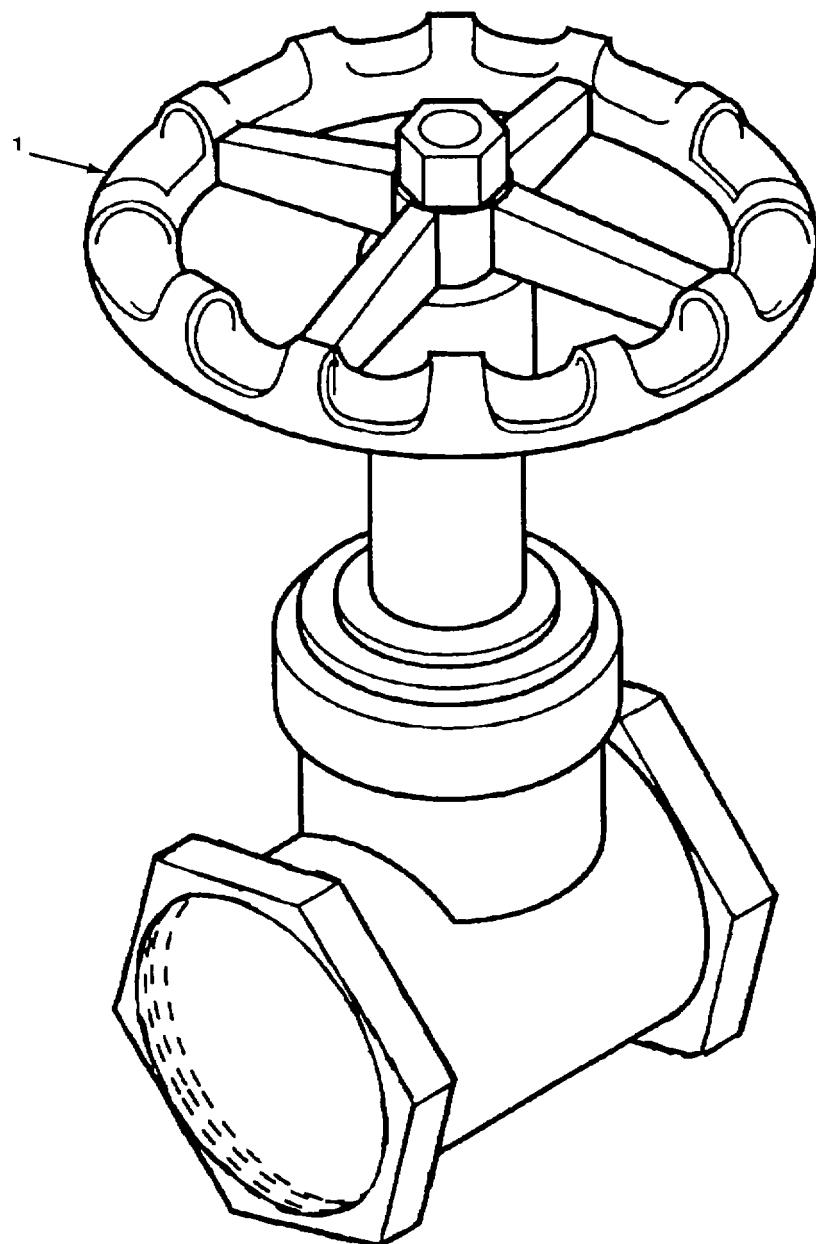


Figure 42. Gate Valve, 2 in.

SECTION II				TM10-4320-303-23P		
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER		(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)		QTY
1	PAOZZ	82666	B120-2IN	GROUP 05	DISTRIBUTION POINT	
				FIG. 42	GATE VALVE, 2 IN	
				.VALVE, GATE 20 IN.....		2
				UOC: DTC, DTQ, DTR, EAM		

END OF FIGURE

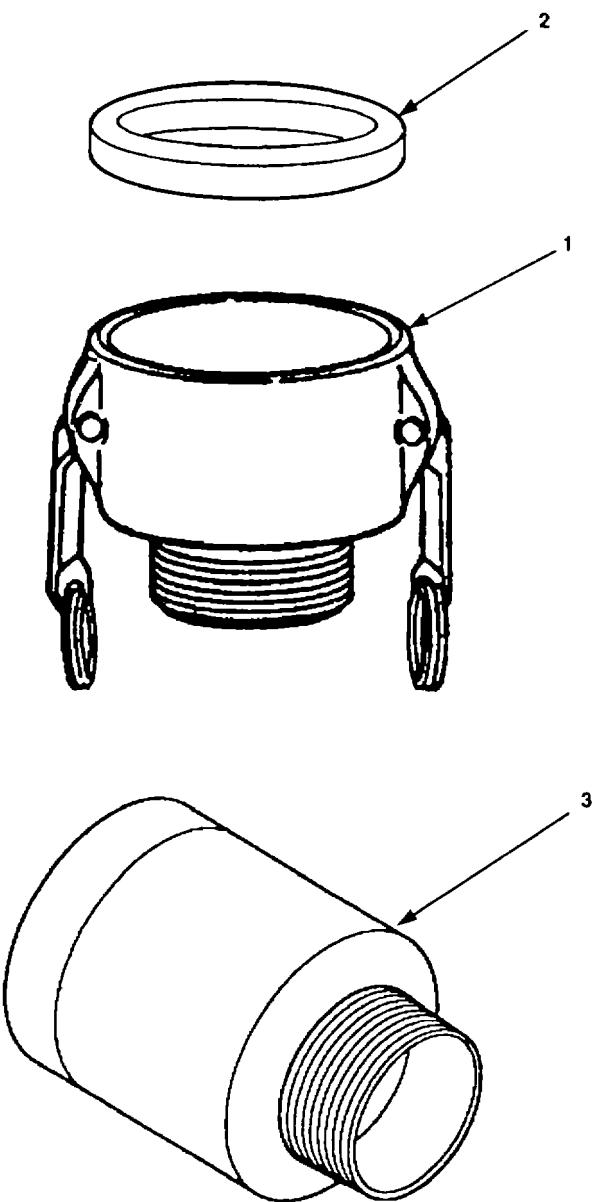


Figure 43. Coupling, Half Quick

SECTION II				TM10-4320-303-23P		
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)	
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY	
				GROUP 05	DISTRIBUTION POINT	
				FIG. 43	COUPLING, HALF QUICK	
1	PBOOZ	96906	MS49002-9	.COUPLING HALF, QUICK..... UOC: DTC, DTQ, DTR, EAM	2	
2	PCOZZ	96906	MS27030-6	..GASKET..... UOC: DTC, DTQ, DTR, EAM	1	
3	PAOZZ	81718	25-W	.SWING JOINT PIPE .. UOC: DTC, DTQ, DTR, EAM	1	

END OF FIGURE

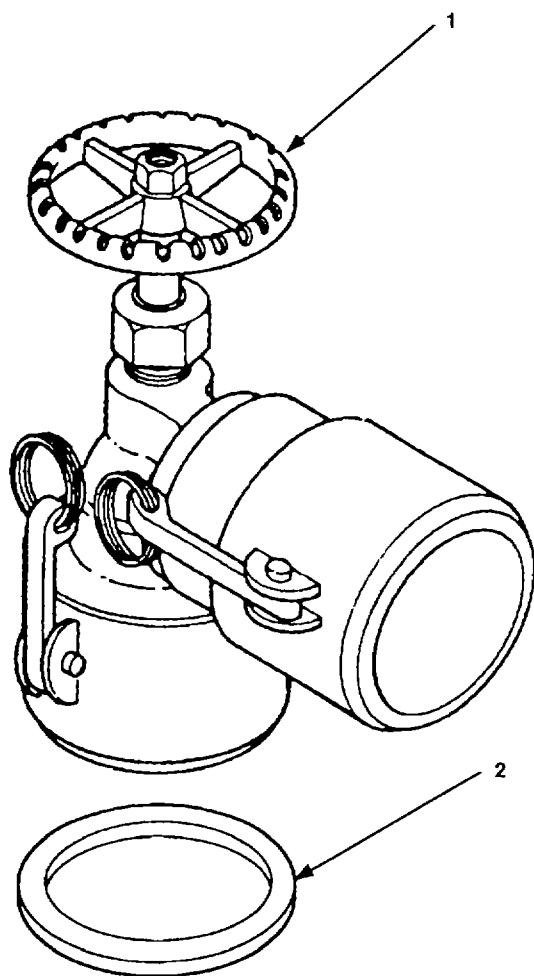


Figure 44. Valve, Elbow, Coupler

SECTION II				TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)		
DESCRIPTION AND USABLE ON CODES(UOC)						QTY	
GROUP 05						DISTRIBUTION POINT	
FIG. 44						VALVE, ELBOW, COUPLER	
1	PAOOO	81718	13219E0491	.VALVE, ELBOW, COUPLER.....			2
2	PCOZZ	96906	MS27030-6	UOC: DTC, DTQ, DTR, EAM ..GASKET.....			2
UOC: DTC, DTQ, DTR, EAM							

END OF FIGURE

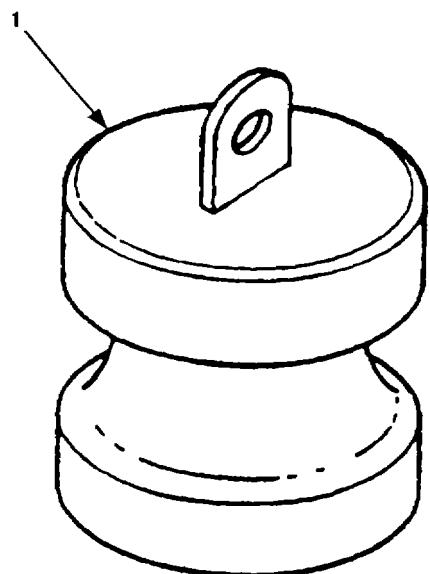


Figure 45. Dust Plug

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
1	PAOZZ	96906	MS27029-11	GROUP 05 FIG. 45 .PLUG, QUICK DISCONNE..... UOC: DTC, DTQ, DTR, EAM	2

END OF FIGURE

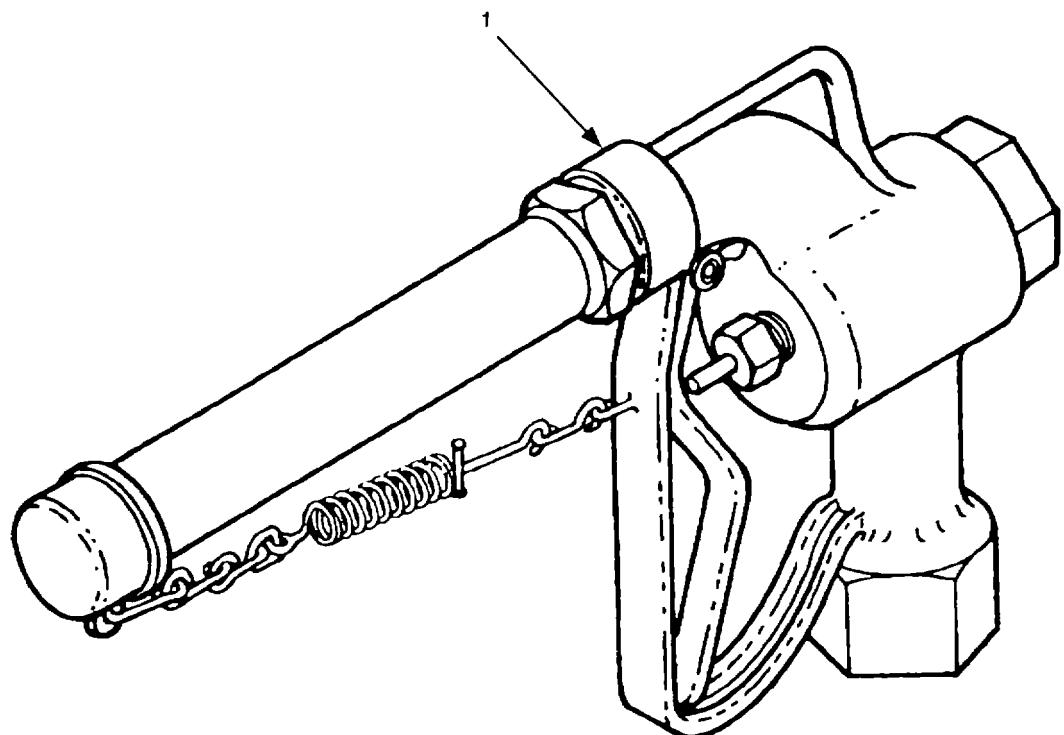


Figure 46. Nozzle Distribution

SECTION II

TM10-4320-303-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
1	PAOZZ	81718	190-GW	GROUP 05 FIG. 46 .NOZZLE, WATER DISTRI..... UOC: DTC, DTQ, DTR, EAM	2

END OF FIGURE

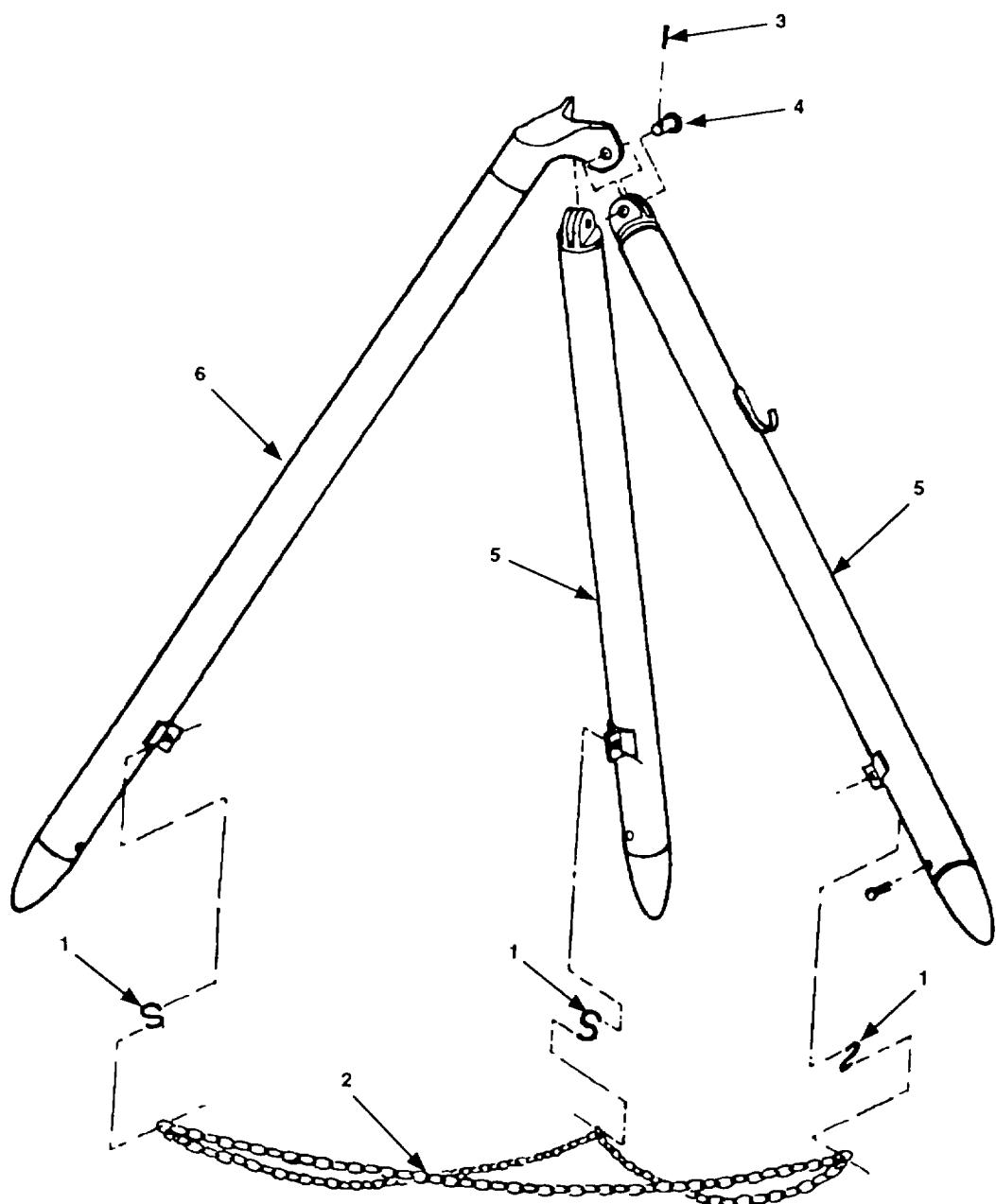


Figure 47. Stand Assembly

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 05				DISTRIBUTION POINT	
FIG. 47				STAND ASSEMBLY	
	PAOOF	97404	13225E9140	.STAND ASSEMBLY	2
1	PAOZZ	96906	MS870006-33	UOC: DTC, DTQ, DTR, EAM ..HOOK, CHAIN, S 0120 IN X 1-7/16..... IN, UOC: DTC, DTQ, DTR, EAM ..CHAIN, WELDLESS MAKE FROM BULK P/	3
2	MOOZZ	19099	RR-C-271-A	N RR-C-271 (81348) CUT TO LENGTH UOC: DTC, DTQ, DTR, EAM	3
3	PAOZZ	96906	MS24665-134	..PIN, COTTER..... UOC: DTC, DTQ, DTR, EAM	2
4	PAOZZ	96906	MS20392-3C35	..PIN, STRAIGHT, HEADED..... UOC: DTC, DTQ, DTR, EAM	2
5	XBOZZ	97403	13225E9146	..LEG, CLEVIS	2
6	XBOZZ	97403	13225E9145	UOC: DTC, DTQ, DTR, EAM ..LEG, PIVOT	1
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

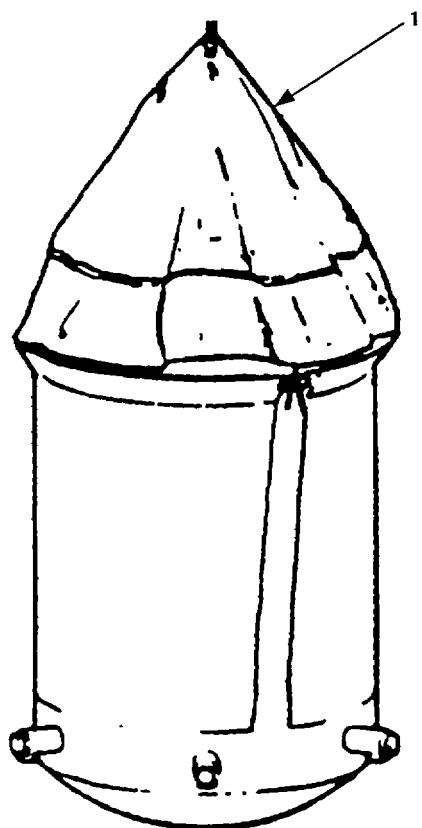


Figure 48. Water Bag, Canvas

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
1	PAOZZ	81349	MIL-B-273	GROUP 05 FIG. 48 .BAG, WATER STERILIZI UOC: DTC, DTQ, DTR, EAM	2

END OF FIGURE

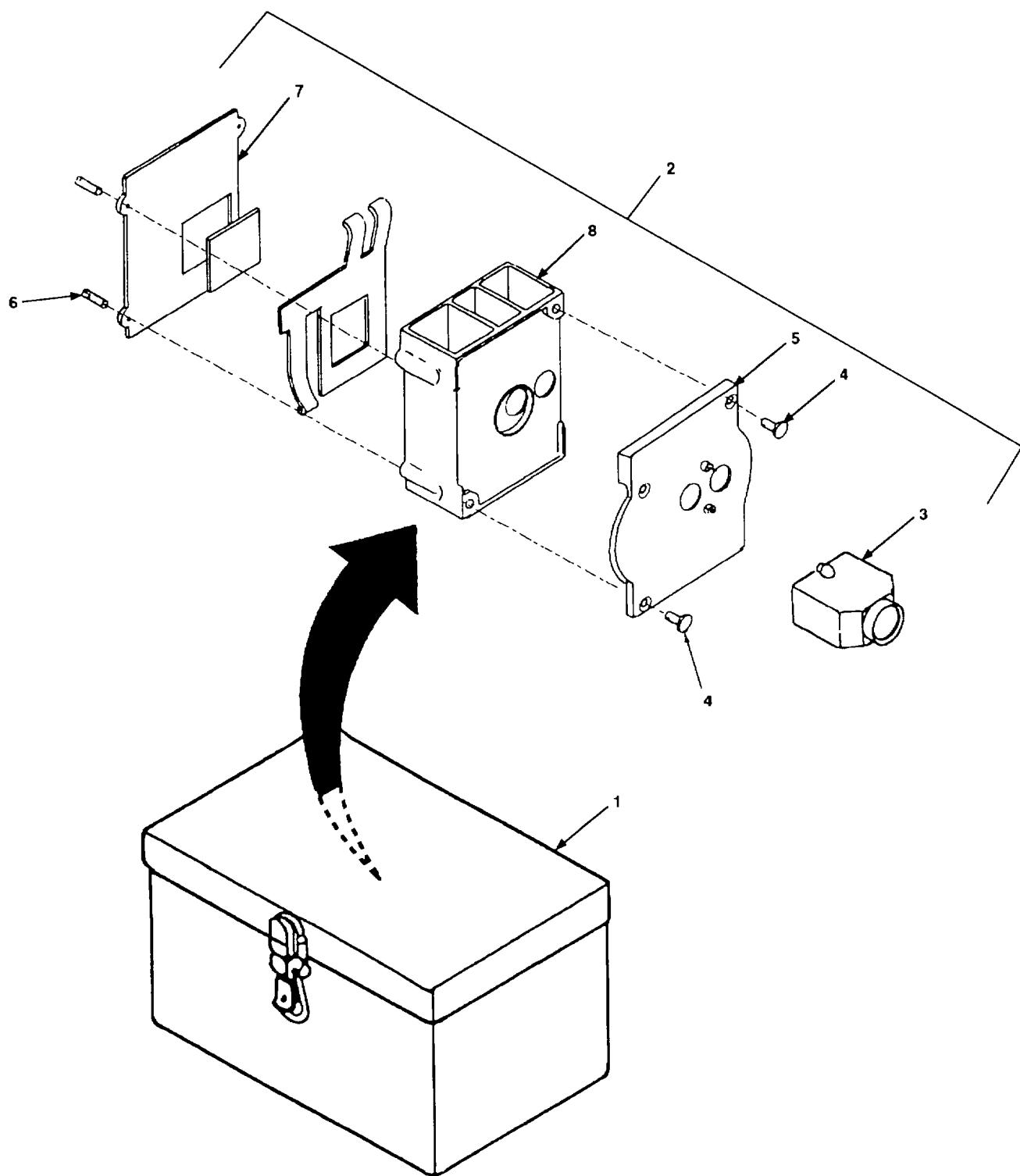


Figure 49. Color Comparator and Case

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
DESCRIPTION AND USABLE ON CODES(UOC) QTY					
GROUP 05					DISTRIBUTION POINT
FIG. 49					COLOR COMPARATOR AND CASE
1	XBOZZ	97403	13216E9016	.CASE, COLOR COMPARAT	1
				UOC: DTC, DTQ, DTR, EAM	
2	PBOOF	97403	13200E7400	.COMPARATOR, COLOR	1
				UOC: DTC, DTQ, DTR, EAM	
3	XBOZZ	97403	13200E7402	..EYEPIECE, COMPARATOR	1
				UOC: DTC, DTQ, DTR, EAM	
4	XBOZZ	97403	13200E7417	..THUMBSCREW	2
				UOC: DTC, DTQ, DTR, EAM	
5	XBOZZ	97403	13200E7416	..COVER, COLOR COMPARA	1
				UOC: DTC, DTQ, DTR, EAM	
6	XBOZZ	81348	FF-S-92	..SCREW, MACHINE	4
				UOC: DTC, DTQ, DTR, EAM	
7	XBOZZ	97403	13200E7401	..COVER, COLOR COMPARA	1
				UOC: DTC, DTQ, DTR, EAM	
8	XBOZZ	97403	13200E7415	..HOUSING, LIGHT	1
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

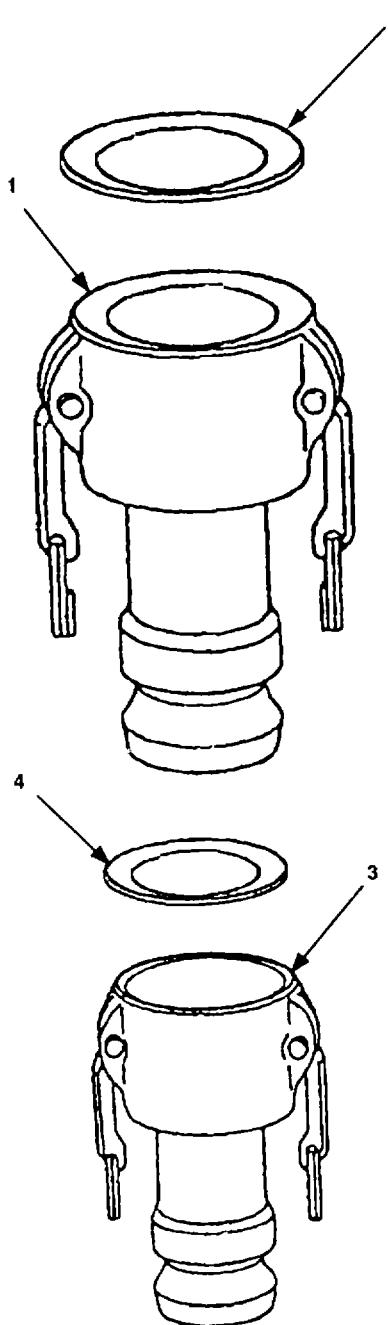


Figure 50. Reducers, Quick Disconnect

SECTION II			TM10-4320-303-23P		
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
			GROUP 05 DISTRIBUTION POINT		
			FIG. 50 REDUCERS, QUICK DISCONNECT		
1	PAOOO	96906	MS49000-11	.REDUCER, QUICK DISCO 2 IN FEMALE	1
				X 3 IN MALE	
				UOC: DTC, DTQ, DTR, EAM	
2	PCOZZ	96906	MS27030-6	..GASKET.....	1
				UOC: DTC, DTQ, DTR, EAM	
3	PAOOO	96906	MS49000-5	.REDUCER, QUICK DISCO 2 IN FEMALE	2
				X 1-1/2 IN MALE	
				UOC: DTC, DTQ, DTR, EAM	
4	PCOZZ	96906	MS27030-6	..GASKET.....	1
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

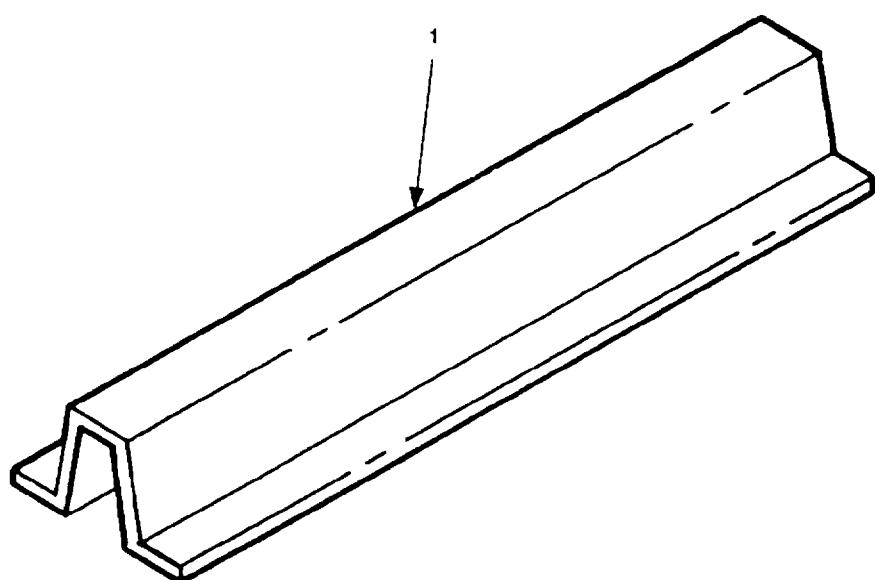


Figure 51. Crossing Guard, Roadway

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 05 DISTRIBUTION POINT	
				FIG. 51 CROSSING GUARD, ROADWAY	
1	PBOZZ	97403	13226E1576	GUARD, ROADWAY CROSS 50 FT	2
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

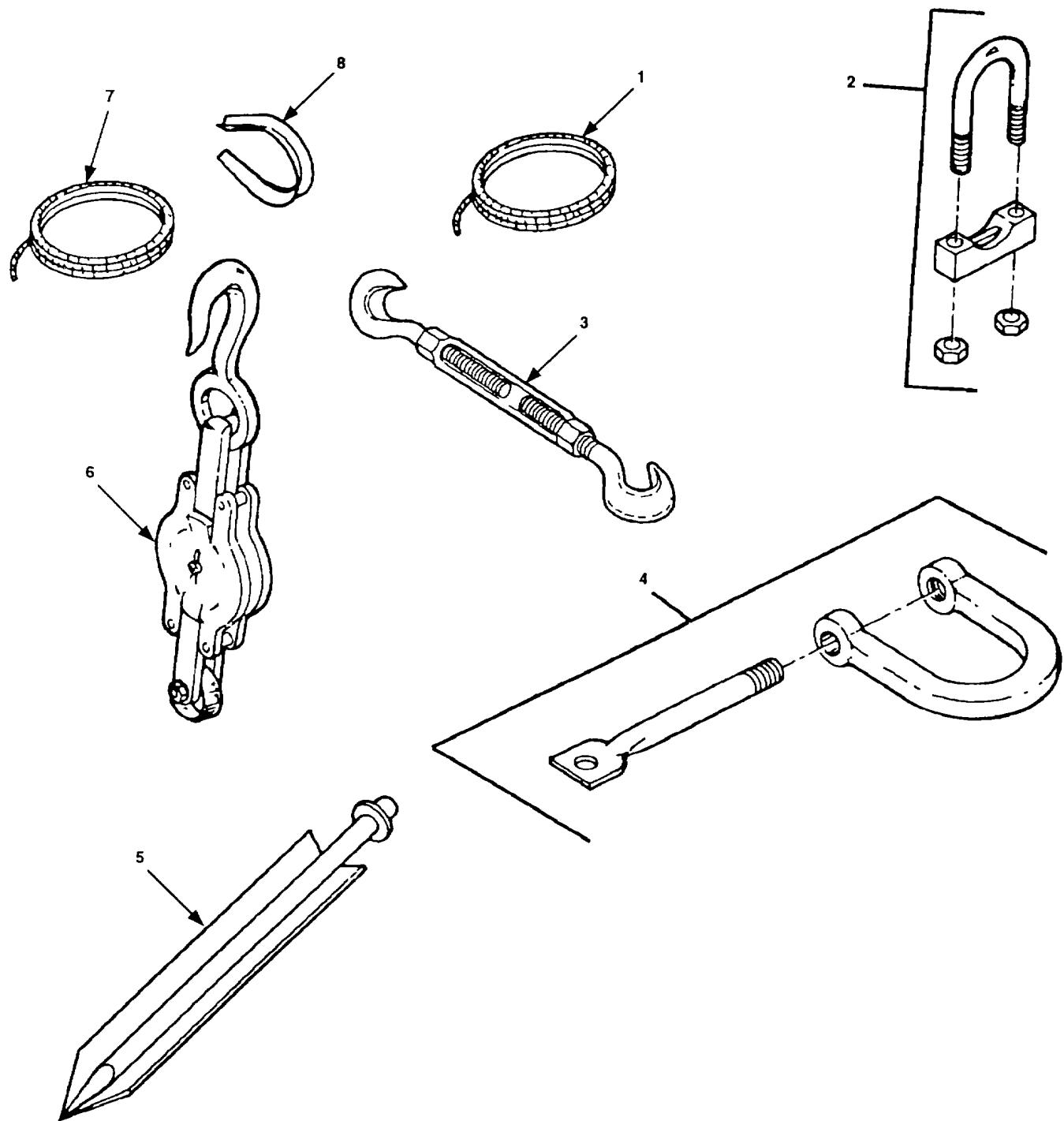


Figure 52. Suspension Kit (Sheet 1 of 2)

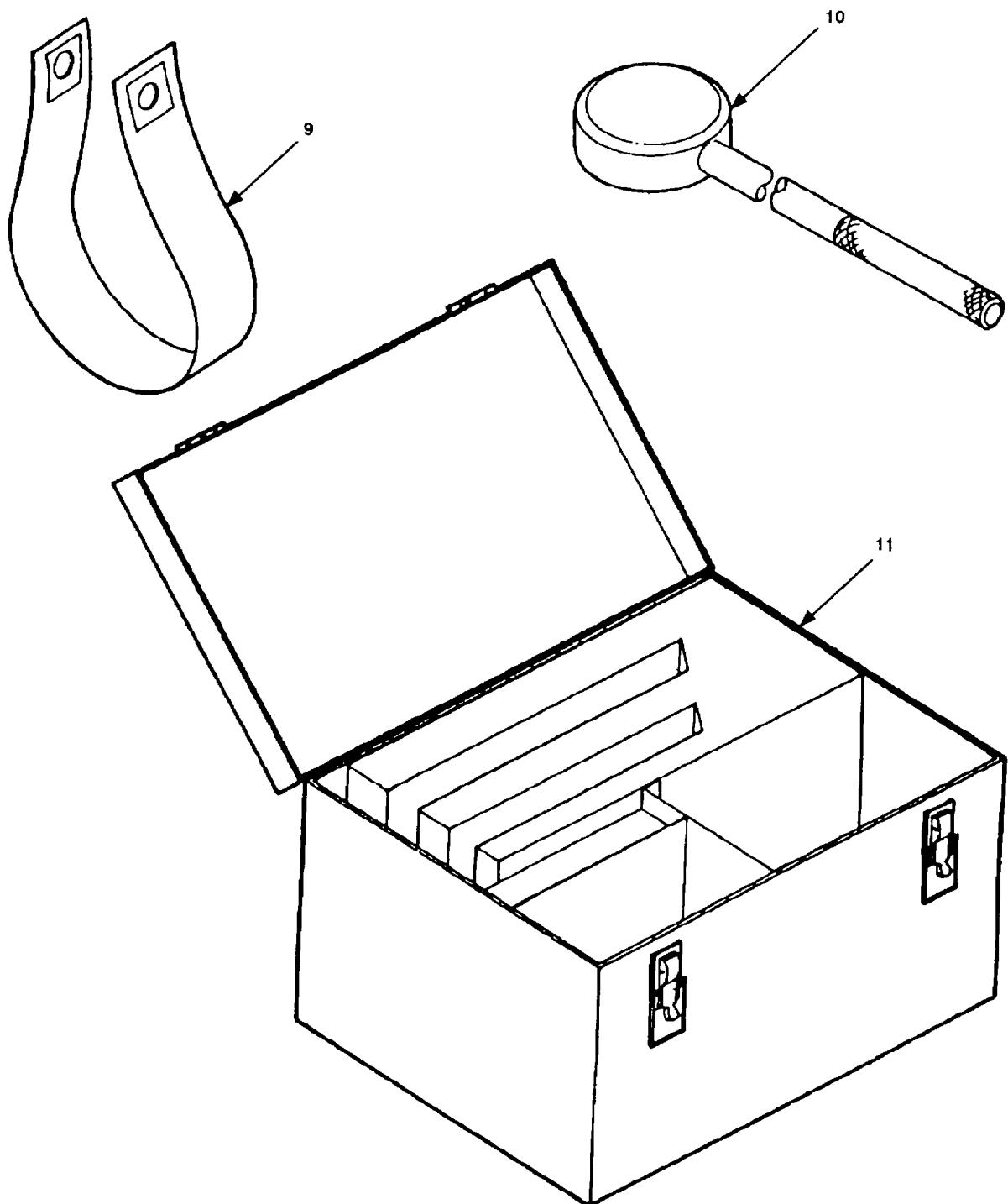


Figure 52. Suspension Kit (Sheet 2 of 2)

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 06 SUSPENSION KIT	
				FIG. 52 SUSPENSION KIT	
	PDOOO	81349	MIL-S-53012	SUSPENSION KIT, HOSE 60 IN	5
1	PAOZZ	39428	3825T33	UOC: DTC, DTQ, DTR, EAM .MANILA ROPE 1/2 IN X 300.0 FT	1
2	PAOZZ	80535	699-0834	LG UOC: DTC, DTQ, DTR, EAM .CLAMP, WIRE ROPE 1/2 IN	25
3	PAOZZ	75535	S223-1-2X12	UOC: DTC, DTQ, DTR, EAM .TURNBUCKLE 1/2 IN X 120 IN	4
4	PAOZZ	80535	543-0835	UOC: DTC, DTQ, DTR, EAM .SHACKLE 4-1/2 IN.....	60
5	PAOZZ	97403	13225E9188	UOC: DTC, DTQ, DTR, EAM .STAKE, GUY.....	14
6	PAOZZ	39428	3197T12	UOC: DTC, DTQ, DTR, EAM .SNATCH BLOCK.....	4
7	PAOZZ	39428	3440T213	UOC: DTC, DTQ, DTR, EAM .WIRE ROPE 1/2 IN X 3500 FT LG	1
8	PAOZZ	80535	626-0107	UOC: DTC, DTQ, DTR, EAM .THIMBLES, WIRE ROPE 1/2 IN	4
9	PAOZZ	97403	13226E1570	UOC: DTC, DTQ, DTR, EAM .SADDLE, HOSE	6
10	PBOZZ	97403	13225E9189	UOC: DTC, DTQ, DTR, EAM .DRIVE HEAD, STAKE	1
11	XBOFF	81348	PPP-B-636	UOC: DTC, DTQ, DTR, EAM .CHEST KIT, METAL.....	1

END OF FIGURE

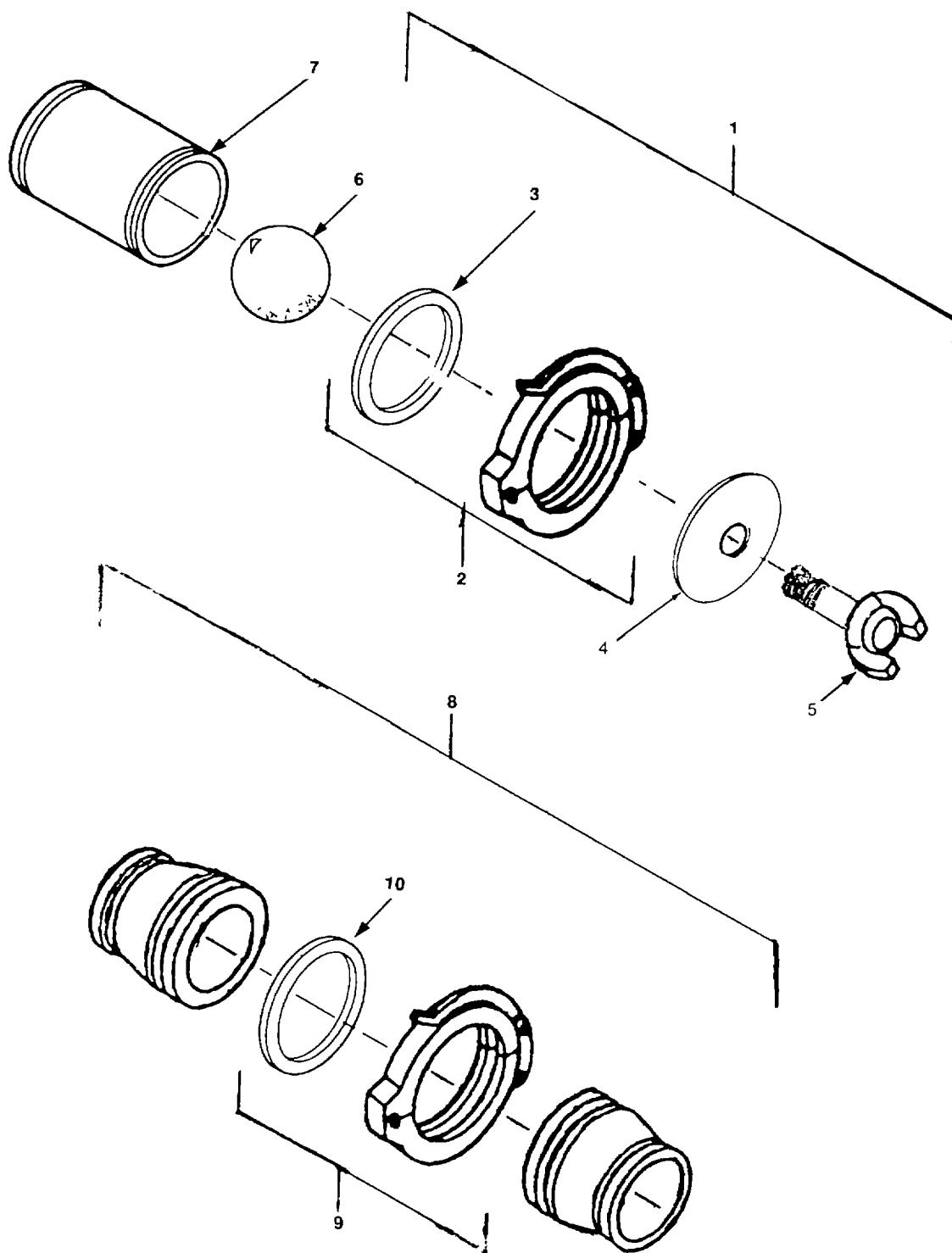


Figure 53. Displacement and Evacuation Kit (Sheet 1 of 3)

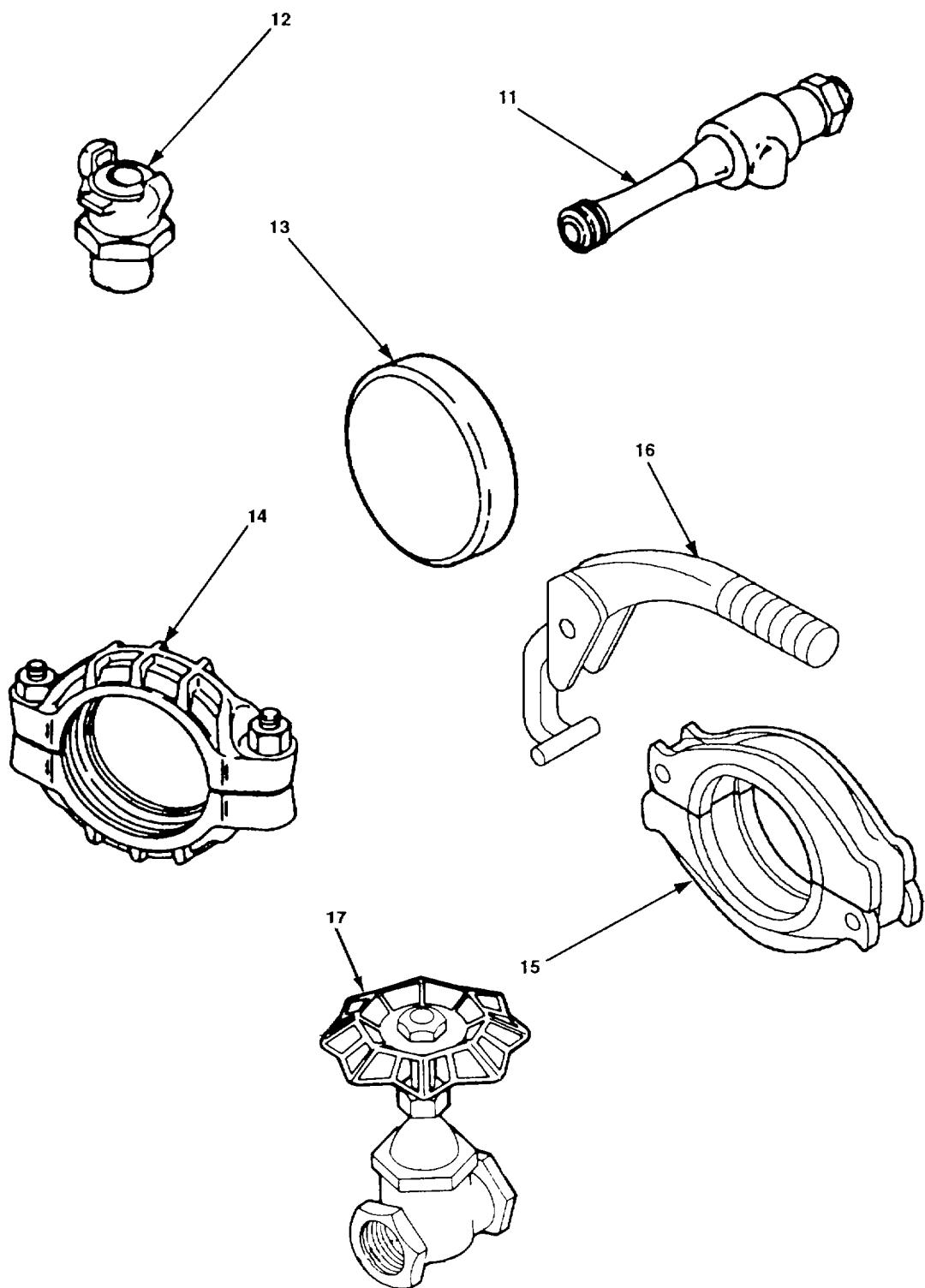


Figure 53. Displacement and Evacuation Kit (Sheet 2 of 3)

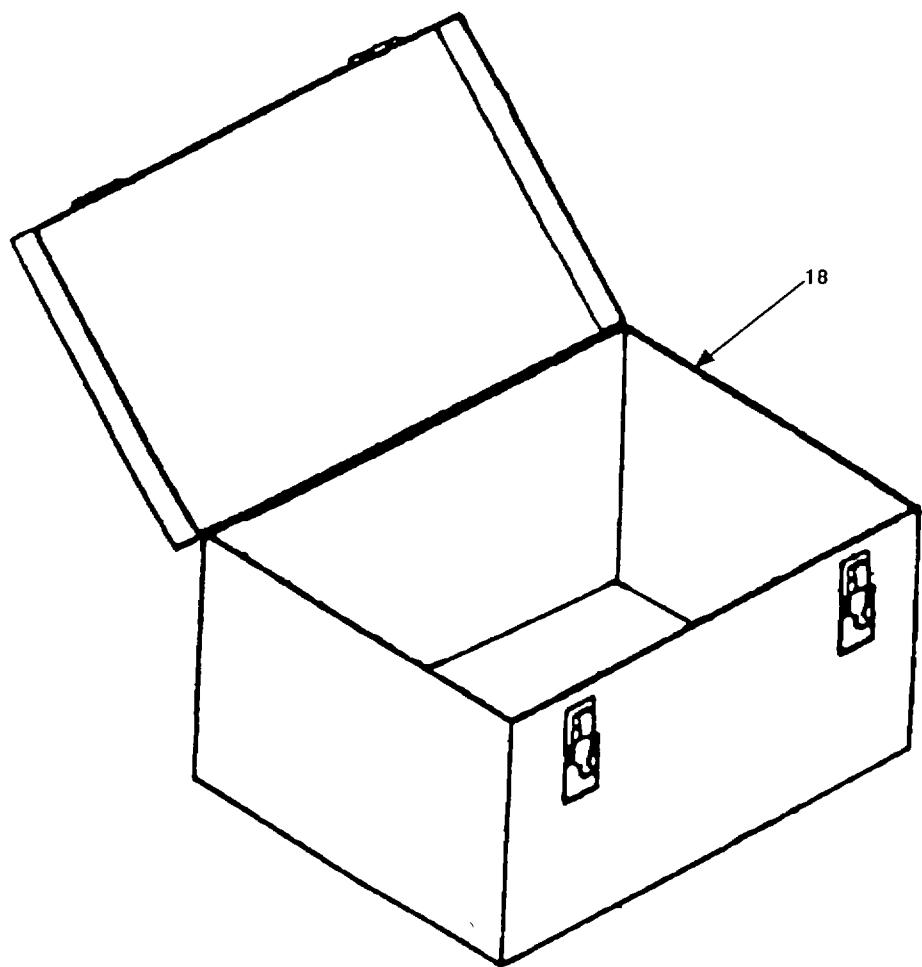


Figure 53. Displacement and Evacuation Kit (Sheet 3 of 3)

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5)	(6)
				DESCRIPTION AND USABLE ON CODES(UOC)	QTY
				GROUP 07 DISPLACEMENT AND EVACUATION KIT	
				FIG. 53 DISPLACEMENT AND EVACUATION KIT	
	PDOOO 97403	13226E1577		DISPLACEMENT AND EV.....	2
1	XBOZZ 97403	13225E9198		UOC: DTC, DTQ, DTR, EAM .BALL ASSEMBLY, INLET.....	1
2	PAOZZ 79154	C-060-078-PES		UOC: DTC, DTQ, DTR, EAM .COUPLING, CLAMP, PIPE GROOVED,..... SNAP-JOINT, 60 INCH	1
3	PAOZZ 79154	G-060-077-OEO		UOC: DTC, DTR .GASKET.....	1
4	XBOZZ 97403	13226E1580		UOC: DTC, DTQ, DTR, EAM .CAP, PIPE 60 IN, 60A, DRILLED..... AND TAPPED, 10 IN NPT	1
5	XBOZZ 81348	WW-C-633-13-B		UOC: DTC, DTQ, DTR, EAM .COUPLING, HALF QUICK.....	1
6	PAOZZ 97403	13228E9872-18		UOC: DTC, DTQ, DTR, EAM .BALL, DISPLACEMENT	1
7	XBOZZ 81349	M10388-A08AD1C6A		UOC: DTC, DTQ, DTR, EAM .COUPLING, PIPE 60 IN X 60 IN.....	1
8	PAOOO 97403	13226E1579		UOC: DTC, DTQ, DTR, EAM .RECEIVER ASSEMBLY, B	1
9	XBOZZ 79154	C-080-078-PES		UOC: DTC, DTQ, DTR, EAM .COUPLING, CLAMP PIPE GROOVED, 8..... IN, SNAP-JOINT	1
10	PCOZZ 79154	G-080-077-OEO		UOC: DTC, DTQ, DTR, EAM .GASKET ALSO FITS 8 IN BOLT ON..... COUPLING CLAMPS	1
11	XBOZZ 89117	GL-1		UOC: DTC, DTQ, DTR, EAM .EJECTOR, JET	1
12	XBOZZ 81348	WW-C-633-10-B		UOC: DTC, DTQ, DTR, EAM .COUPLING, HALF QUICK FEMALE, 1 IN	2
13	PAOZZ 81349	M10388-A05AK1C		UOC: DTC, DTQ, DTR, EAM .CAP, PIPE 1460 IN.....	24
14	PAOOZ 81349	M10387-1-D-11		UOC: DTC, DTQ, DTR, EAM .COUPLING, CLAMP, PIPE.....	8
15	PBOZZ 79154	C-060-791-AEB		UOC: DTC, DTQ, DTR, EAM .COUPLING, CLAMP, PIPE.....	8
16	PBOZZ 98752	8524111-01		UOC: DTC, DTQ, DTR, EAM .WRENCH, SPANNER	1
17	PAOZZ 81348	WW-V-35		UOC: DTC, DTQ, DTR, EAM .VALVE, BALL 1 IN NPT, TYPE II,..... STYLE 3, CLASS 250, THREADED, BRONZE	1
18	XDOFF 63317	100-04-011		UOC: DTC, DTQ, DTR, EAM .CHEST	1

END OF FIGURE

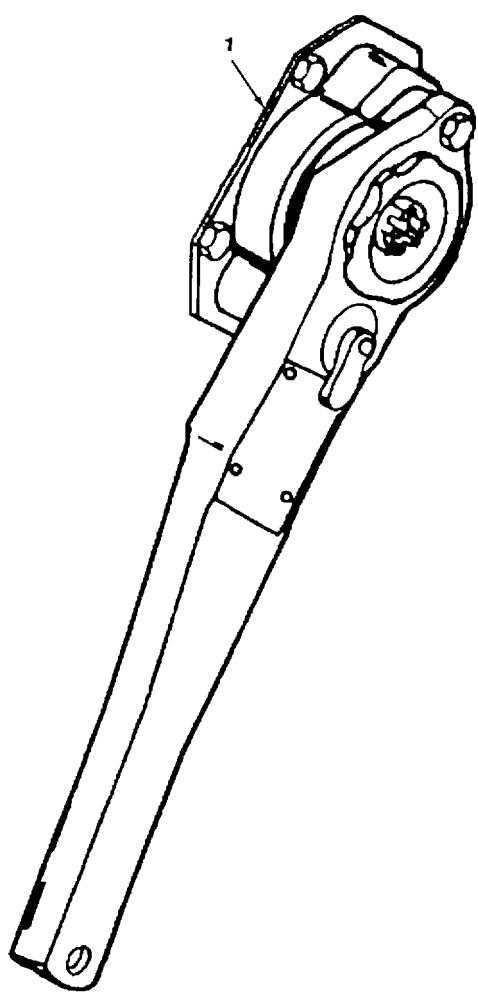


Figure 54. Hoist

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 07 DISPLACEMENT AND EVACUATION KIT	
				FIG. 54 HOIST	
1	PBOZZ	06550	LH300A	.HOIST UOC: DTC, DTQ, DTR, EAM	1

END OF FIGURE

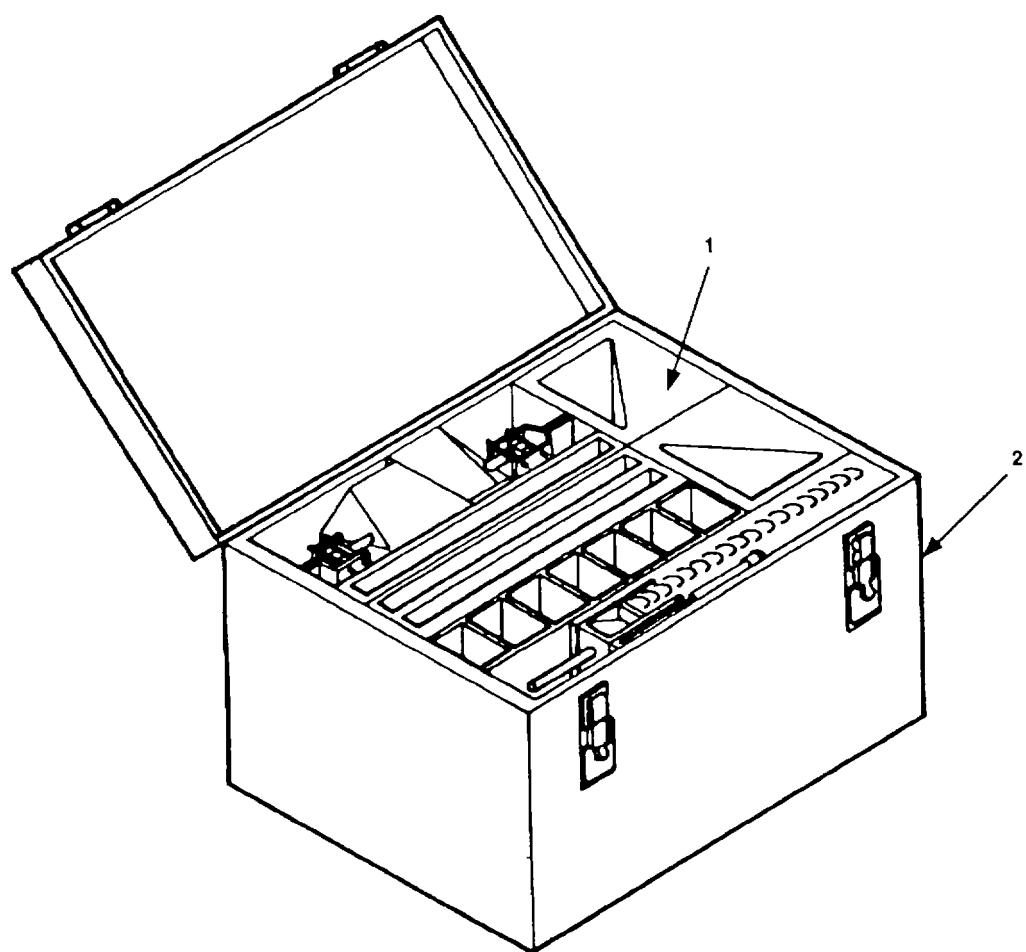


Figure 55. Packing Kit, Hoseline

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 08 PACKING KIT					
FIG. 55 PACKING KIT, HOSELINE					
1 PDOOO	97403	13226E1571		PACKING KIT, HOSELIN	1
				UOC: DTC, DTQ, DTR, EAM	
2 XBOFF	63317	100-04-011		CHEST.....	1
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

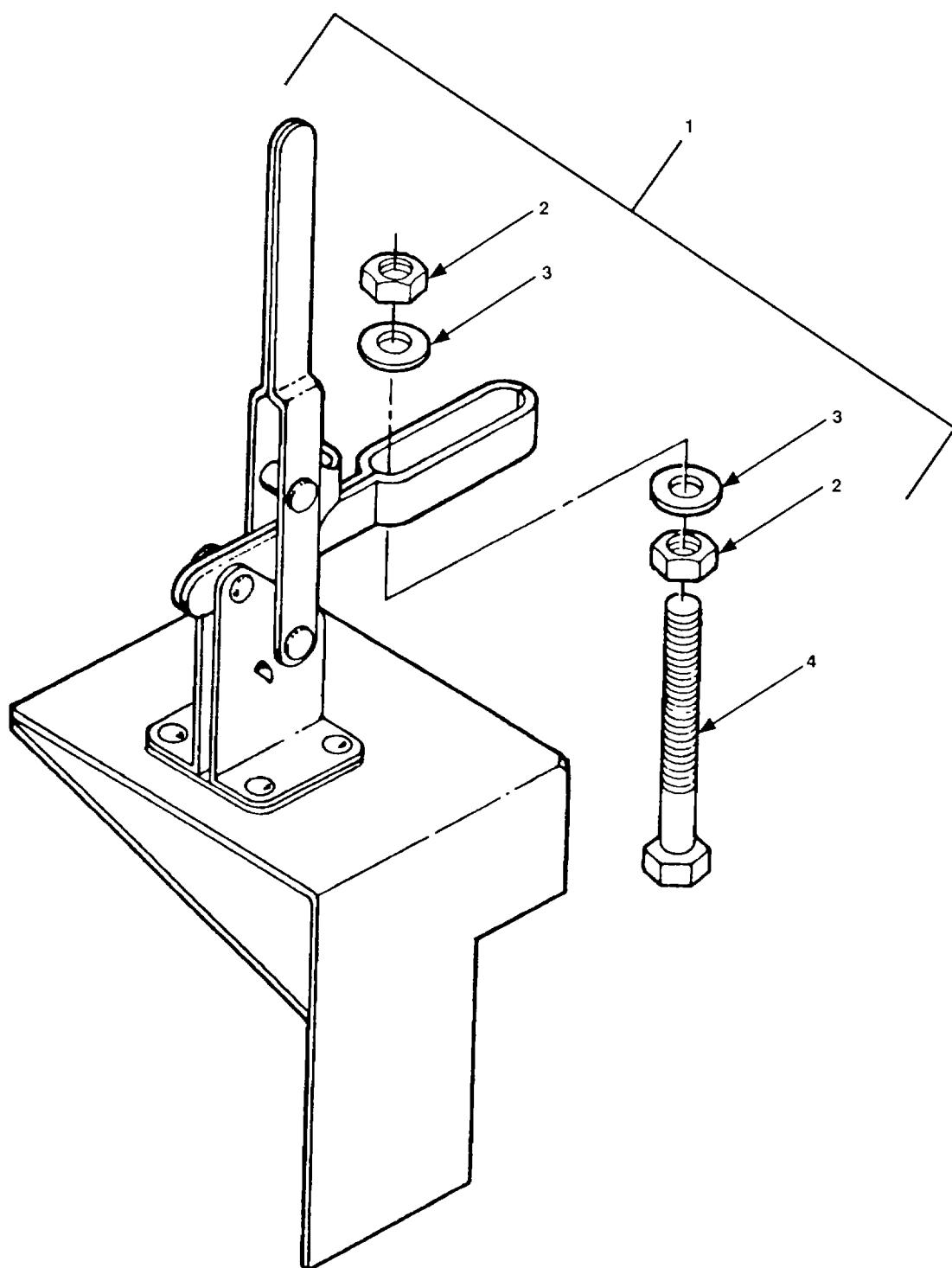


Figure 56. Bracket Assembly, Hose Retaining, LH

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 08 PACKING KIT					
FIG. 56 BRACKET ASSEMBLY, HOSE RETAINING, LH					
1 PAOFF	97403	13225E9186		BRACKET, HOSE	2
				UOC: DTC, DTQ, DTR, EAM	
2 PAOZZ	21439	01857-007		NUT, PLAIN, HEXAGON	2
				UOC: DTC, DTQ, DTR, EAM	
3 PAOZZ	96906	MS27183-17		WASHER, FLAT.....	2
				UOC: DTC, DTQ, DTR, EAM	
4 PAOZZ	80204	B1821BH050C400N		SCREW, CAP, HEXAGON H.....	1
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

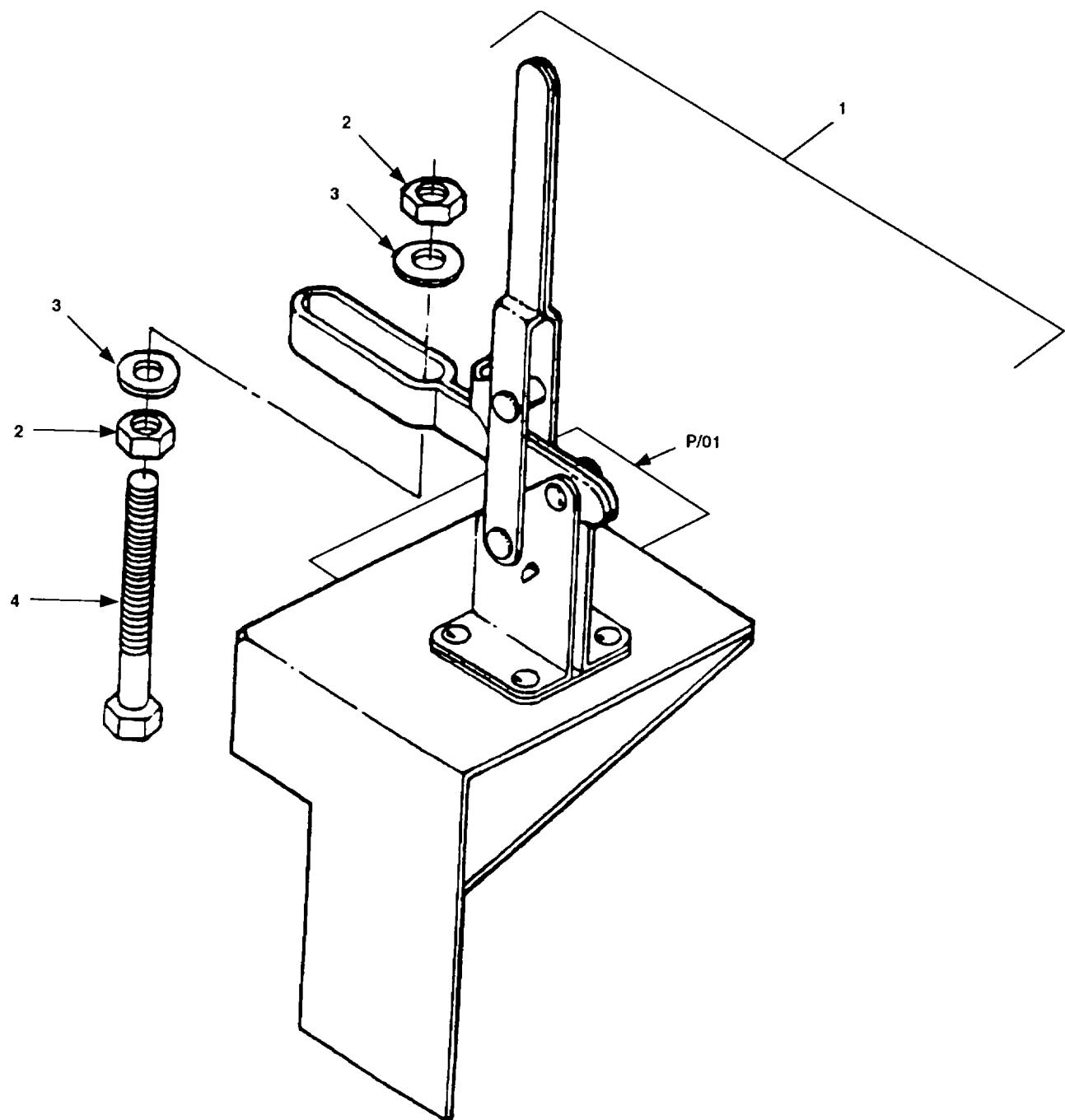


Figure 57. Bracket Assembly, Hose Retaining, RH

SECTION II			TM10-4320-303-23P	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY

GROUP 08 PACKING KIT

FIG. 57 BRACKET ASSEMBLY, HOSE
RETAINING, RH

1	PAOFZ	97403	13225E9187
2	PBOZZ	21439	01857-007
3	PAOZZ	96906	MS27183-17
4	PAOZZ	80204	B1821BH050C400N

BRACKET ASSEMBLY, HO	2
UOC: DTC, DTQ, DTR, EAM	
NUT, PLAIN, HEXAGON	2
UOC: DTC, DTQ, DTR, EAM	
WASHER, FLAT.....	2
UOC: DTC, DTQ, DTR, EAM	
SCREW, CAP, HEXAGON H	1
UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

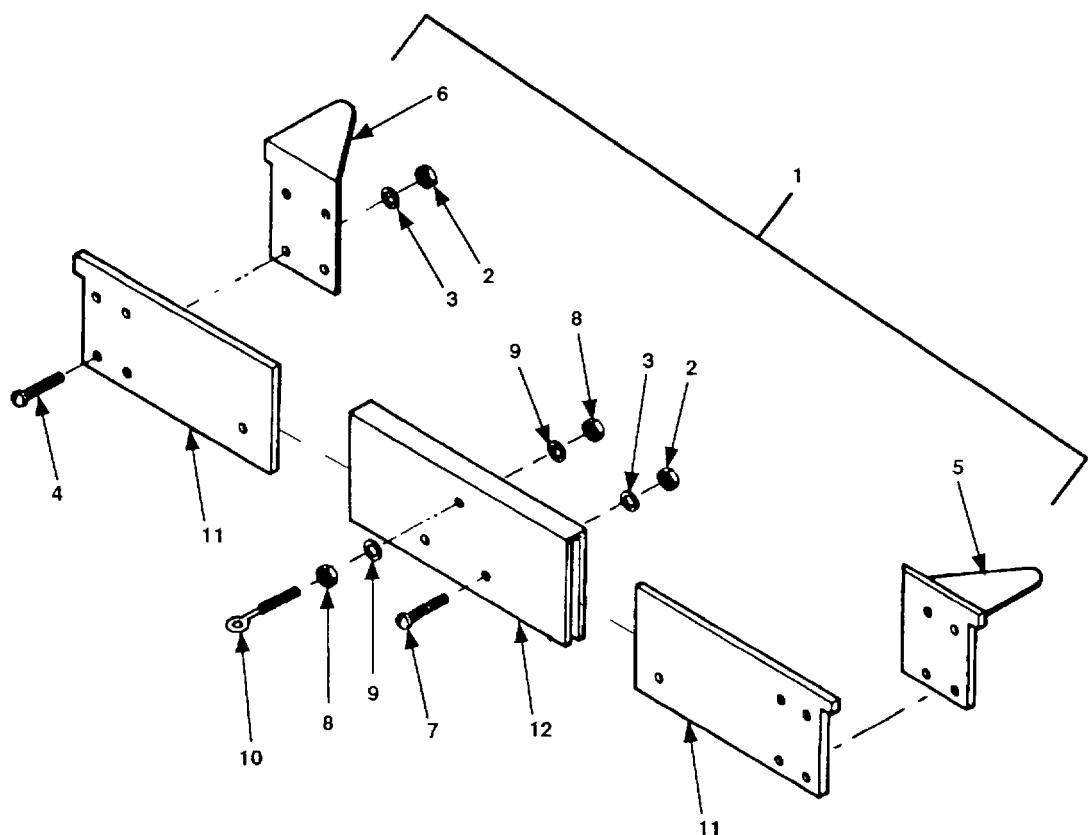


Figure 58. Pullboard Assembly

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
				GROUP 08 PACKING KIT	
				FIG. 58 PULLBOARD ASSEMBLY	
1 PAOOO	97403	13226E1572		PULLBOARD ASSEMBLY.....	1
2 PAOZZ	96906	MS51922-1		UOC: DTC, DTQ, DTR, EAM NUT, SELF-LOCKING, HE	14
3 PAOZZ	96906	MS27183-10		UOC: DTC, DTQ, DTR, EAM WASHER, FLAT	14
4 PAOZZ	96906	MS35751-21		UOC: DTC, DTQ, DTR, EAM BOLT, SQUARE NECK	10
5 XBOZZ	97403	13226E1583		UOC DTC, DTQ, DTR, EAM FLANGE, PULLBOARD RH	1
6 XBOZZ	97403	13226E1584		UOC: DTC, DTQ, DTR, EAM FLANGE, PULLBOARD, LH	1
7 PAOZZ	80204	B1821BH025C25CON		UOC: DTC, DTQ, DTR, EAM SCREW, CAP, HEXAGON H	6
8 PAOZZ	21439	01857-007		UOC: DTC, DTQ, DTR, EAM NUT, PLAIN, HEXAGON	2
9 PAOZZ	96906	MS27183-18		UOC: DTC, DTQ, DTR, EAM WASHER, FLAT	2
10 PAOZZ	96906	MS27950-8		UOC: DTC, DTQ, DTR, EAM BOLT, EYE	1
11 XBOZZ	97403	13226E1574		UOC: DTC, DTQ, DTR, EAM PULLBOARD	2
12 XBOZZ	97403	13226E1573		UOC: DTC, DTQ, DTR, EAM SLEEVE, COUPLING	1

END OF FIGURE

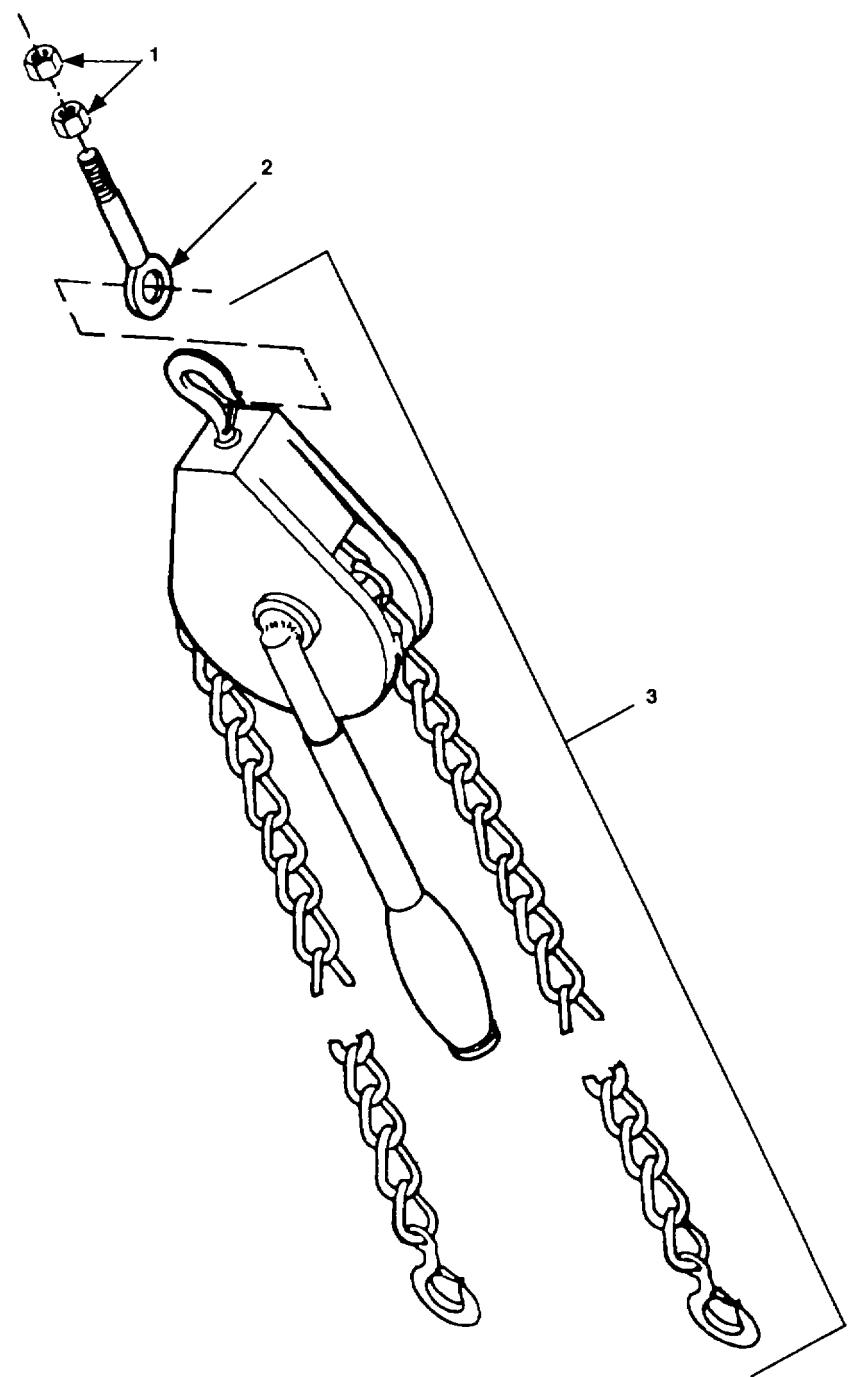


Figure 59. Chain Hoist and Eyebolt

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 08 PACKING KIT					
FIG. 59 CHAIN HOIST AND EYEBOLT					
1 PBOZZ	21439	01857-007	NUT, PLAIN, HEXAGON	2	
2 PAOZZ	96906	MS27950-8	UOC: DTC, DTQ, DTR, EAM BOLT, EYE.....		1
3 XDOFF	81349	MIL-H-904	UOC: DTC, DTQ, DTR, EAM CHAIN HOIST STY 2, TY H, $\frac{3}{4}$ TON,	1	
			FIXED CAP, LIFT CL2.....		
			UOC: DTC, DTQ, DTR, EAM		

END OF FIGURE

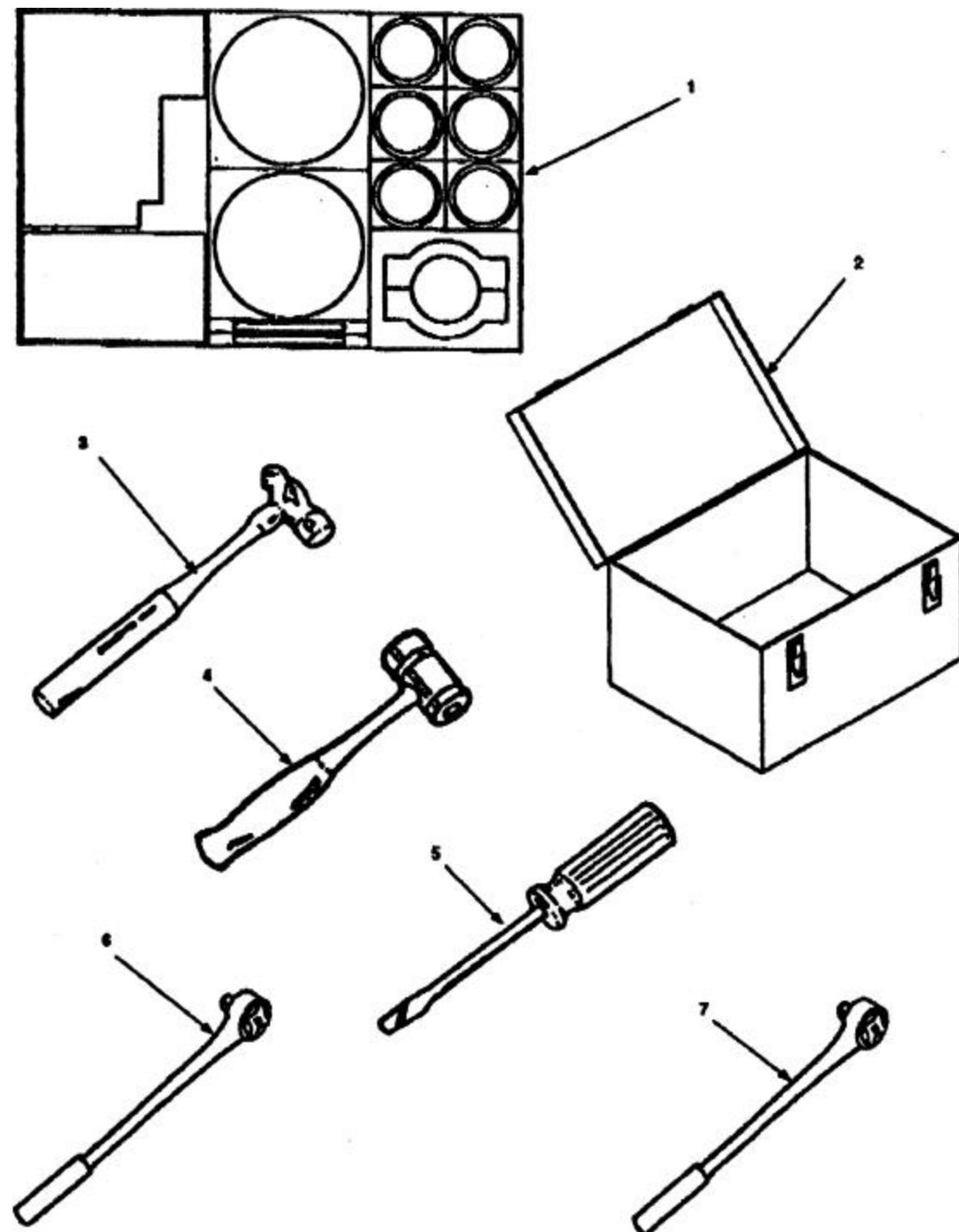


Figure 60. Repair Kit, Hoseline (Sheet 1 of 4)

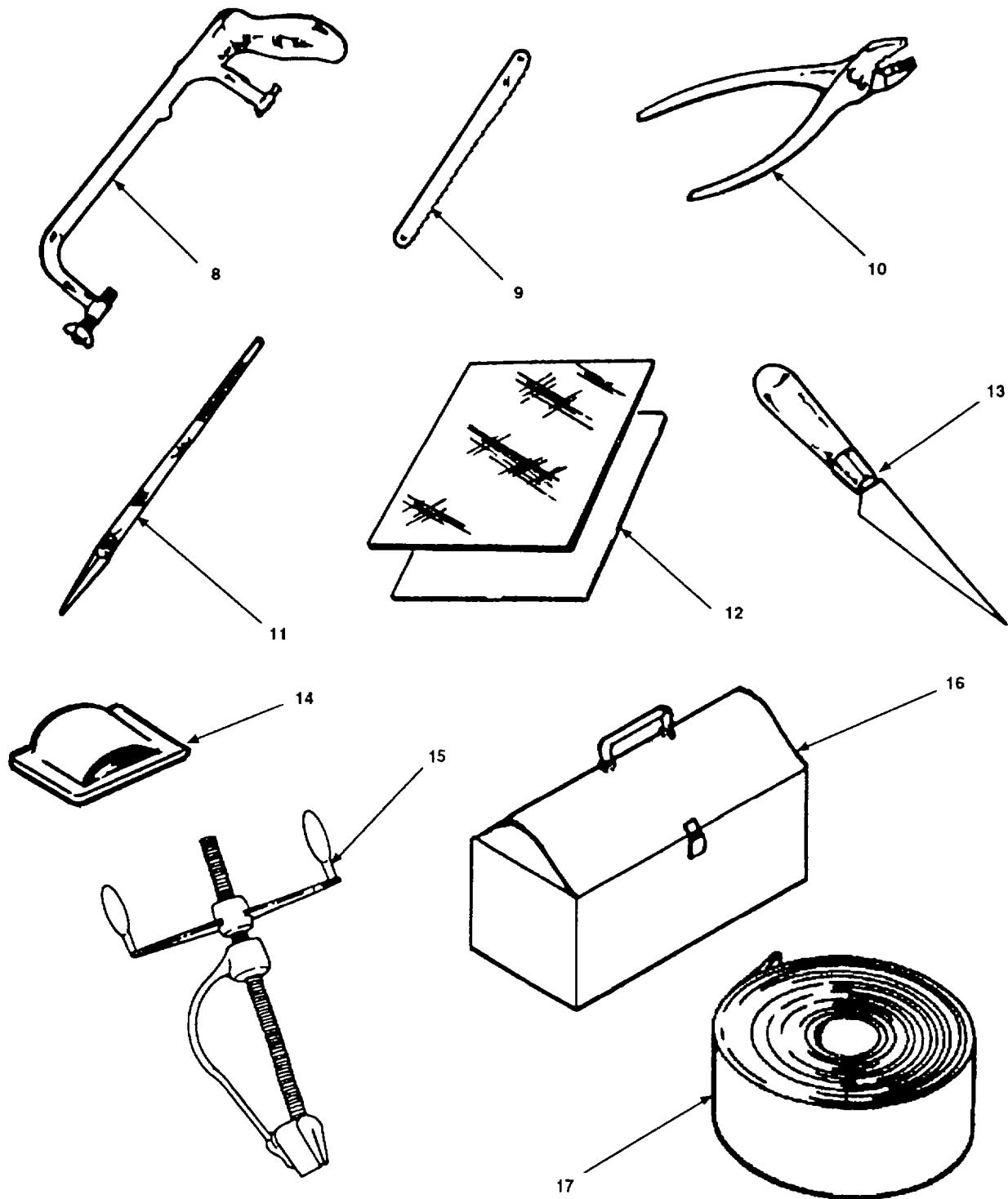


Figure 60. Repair Kit, Hoseline (Sheet 2 of 4)

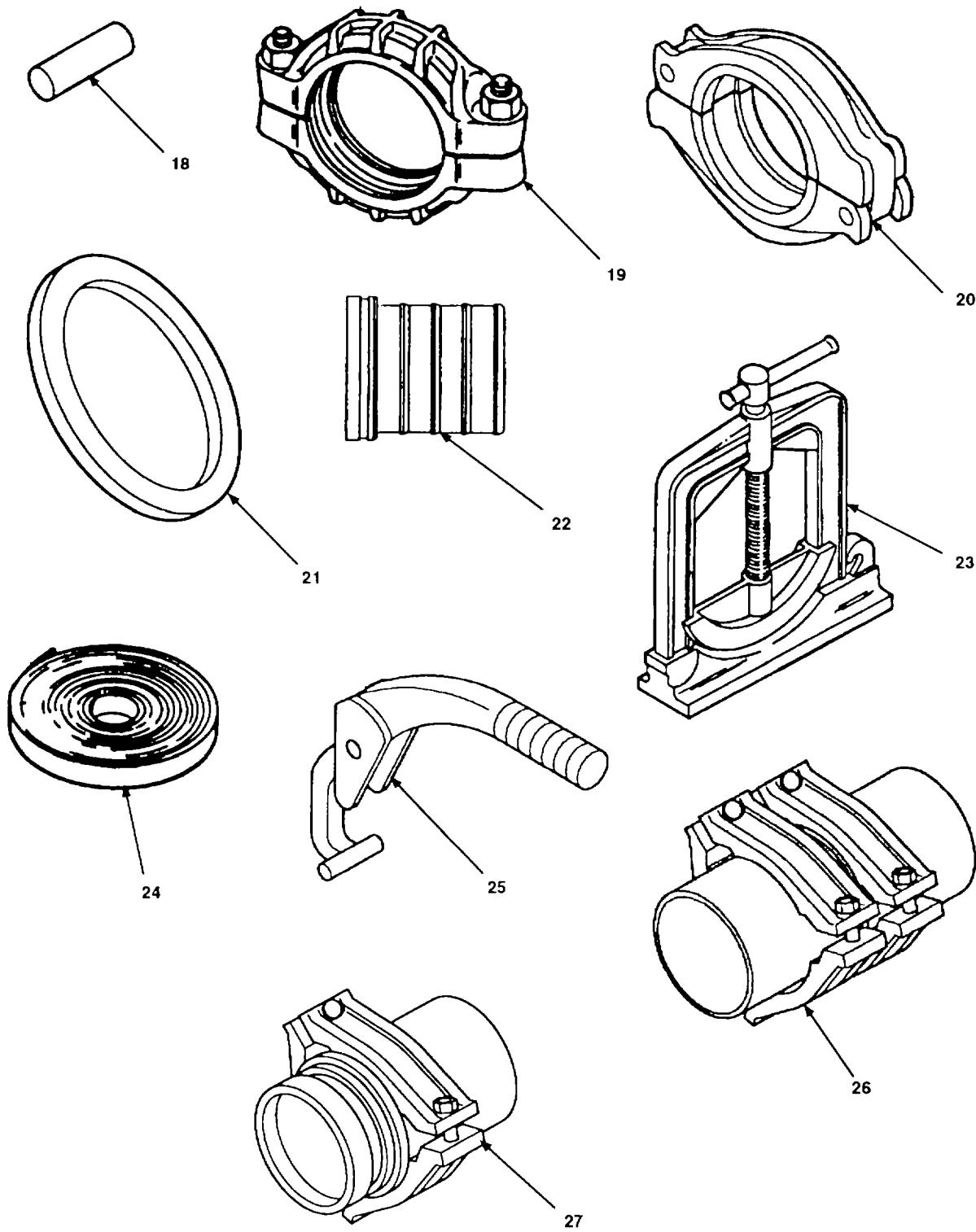


Figure 60. Repair Kit, Hosesline (Sheet 3 of 4)

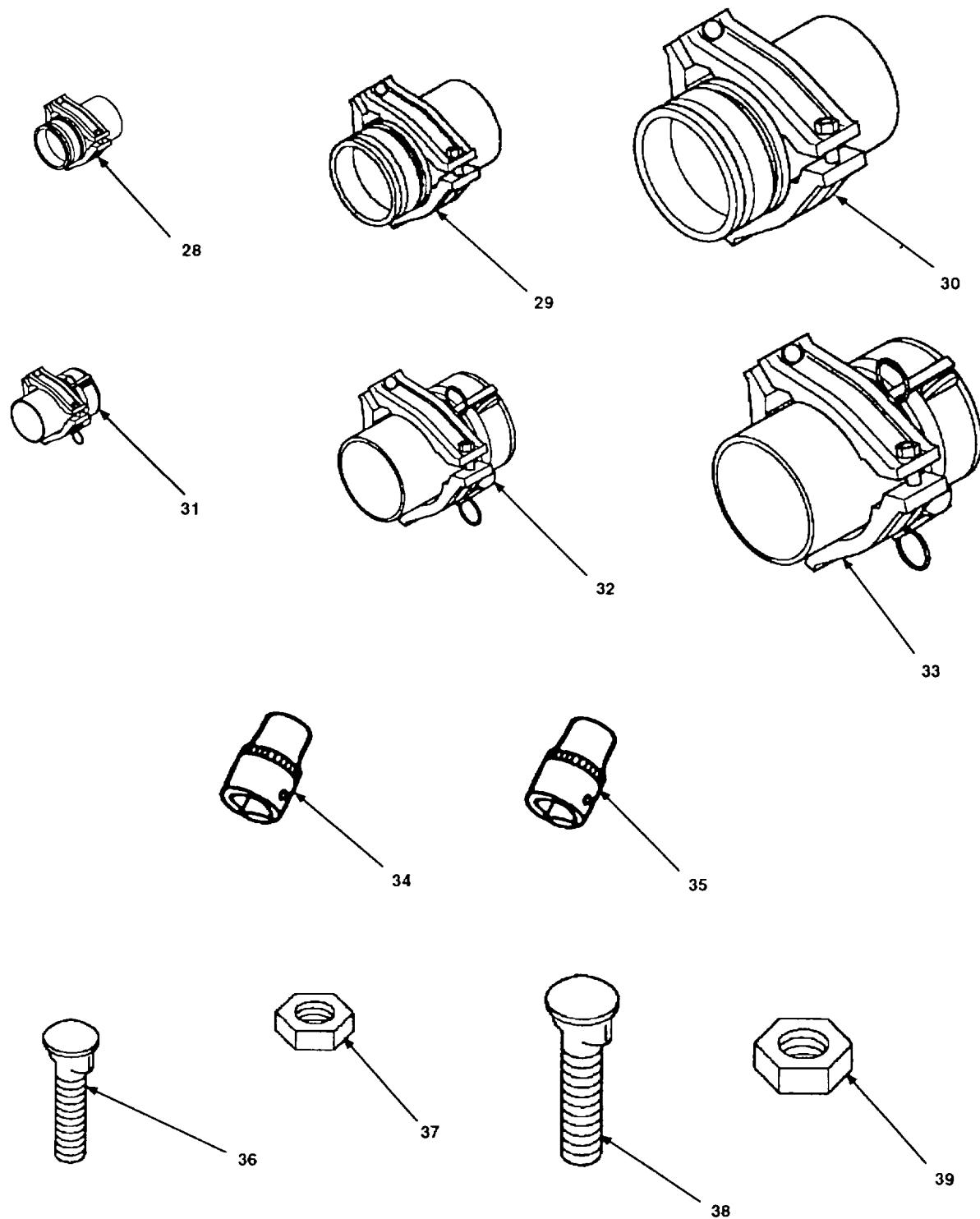


Figure 60. Repair Kit, Hosesline (Sheet 4 of 4)

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 09 REPAIR KIT					
FIG. 60 REPAIR KIT, HOSELINE					
1 PDOOO	97403	13226E1581		REPAIR KIT, HOSE 16 IN	1
2 XDOFF	63317	100-04-011		UOC: DTC, DTQ, DTR, EAM CHEST	1
3 PAOZZ	90617	016BP		UOC: DTC, DTQ, DTR, EAM HAMMER, HAND 16 OZ, TYPE II, CLASS	1
I, STYLE A				I, STYLE A	
4 PAOZZ	03914	69-490		UOC: DTC, DTQ, DTR, EAM MALLET, RUBBER 32 OZ	1
5 PAOZZ	80063	SCC539502-2		UOC: DTC, DTQ, DTR, EAM SCREWDRIVER 6-1/2 IN. LG	1
(OVERALL) TYPE I, CLASS 5, DESIGN A.					
6 PAOZZ	81348	GGG-W-641		UOC: DTC, DTQ, DTR, EAM WRENCH, SOCKET 1-1/4 IN DEEP WELL,.....	1
TYPE II, CLASS 2, STYLE A, 3/4 IN DR					
7 PAOZZ	81348	GGG-W-641		UOC: DTC, DTQ, DTR, EAM WRENCH, SOCKET REVERSIBLE RACHET,	1
TYPE III, STYLE A, CLASS 2.....					
8 PAOZZ	03914	70-865		UOC: DTC, DTQ, DTR, EAM FRAME, HACKSAW 8 IN. TO 12 IN	1
9 PAOZZ	78735	00-106		UOC: DTC, DTQ, DTR, EAM BLADE, HACKSAW 10 IN X 18 TEETH/IN,	10
HIGH SPEED					
10 PAOZZ	81348	GGG-P-471		UOC: DTC, DTQ, DTR, EAM PLIERS, LINESMANS SIDE-CUTTING,	1
TYPE IX					
11 PAOZZ	43786	00136		UOC: DTC, DTQ, DTR, EAM FILE, HALF ROUND 8 IN. L, AL ALY.....	1
12 PAOZZ	81348	P-C-1673		UOC: DTC, DTQ, DTR, EAM CLOTH, ABRASIVE 9 IN. X 11 IN.	3
SHEET, EMERY					
13 PAOZZ	29891	60870		UOC: DTC, DTQ, DTR, EAM KNIFE 8 IN BY 1 IN	1
14 PAOZZ	70847	L-290		UOC: DTC, DTQ, DTR, EAM BUCKLE, BANDING	100
15 PAOZZ	70847	COO1		UOC: DTC, DTQ, DTR, EAM SEALER, STEEL STRAPP	1
16 XBOZO	75206	K-20/20		UOC: DTC, DTQ, DTR, EAM TOOL BOX, PORTABLE 20.12 X 8.62 X	1
9.75					
17 MOOZZ	19099	53027-15AR		UOC: DTC, DTQ, DTR, EAM HOSE ASSEMBLY 6 IN. X 15 FT	2
SEGMENTS (QTY 2) MAKE FROM BULK P/N					
MIL-H-53027 (81349).....					
18 PAOZZ	79154	P-P69-791-Z-OB		UOC: DTC, DTQ, DTR, EAM PIN, LOCKING	2
19 PAOZZ	81349	M10387-1-D-11		UOC: DTC, DTQ, DTR, EAM COUPLING, CLAMP, PIPE ITEM	3
IDENTIFIED FOR REPLACEMENT ONLY					

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
20	PAOZZ	79154	C-060-791-AEB	UOC: DTC, DTQ, DTR, EAM COUPLING, CLAMP, PIPE	3
21	PAOZZ	79154	G-060-077-OEO	UOC: DTC, DTQ, DTR, EAM GASKET	1
22	PAOZZ	81349	M10387AD11	UOC: DTC, DTQ, DTR, EAM ADAPTER, GROOVED 6 IN. GROOVED ENDS	30
23	PAOZZ	97403	13226E1581-15	UOC: DTC, DTQ, DTR, EAM CLAMP, HOSE	2
24	MOOZZ	19099	MABZZ	UOC: DTC, DTQ, DTR, EAM STRAPPING MAKE FROM BULK P/N C406	2
				(70847) CUT TO LENGTH.....	
25	PBOZZ	98752	8524111-01	UOC: DTC, DTQ, DTR, EAM WRENCH, SPANNER	1
26	PAOZZ	79154	STYLE 482	UOC: DTC, DTQ, DTR, EAM HOSE MENDER ASSY	6
27	PAOZZ	79154	STYLE 480	UOC: DTC, DTQ, DTR, EAM ADAPTER ASSY, HOSE	30
28	PAOZZ	79154	STYLE 483	UOC: DTC, DTQ, DTR, EAM ADAPTER ASSY, MALE H 2 IN	2
29	PAOZZ	79154	STYLE 483	UOC: DTC, DTQ, DTR, EAM ADAPTER ASSY, MALE H 4 IN	2
30	PAOZZ	79154	STYLE 483	UOC: DTC, DTQ, DTR, EAM ADAPTER ASSY, MALE H 6 IN	2
31	PAOZZ	79154	STYLE 484	UOC: DTC, DTQ, DTR, EAM ADAPTER, ASSY, FEMALE 2 IN	2
32	PAOZZ	79154	STYLE 484	UOC: DTC, DTQ, DTR, EAM ADAPTER, ASSY, FEMALE 4 IN	2
33	PAOZZ	79154	STYLE 484	UOC: DTC, DTQ, DTR, EAM ADAPTER, ASSY, FEMALE 6 IN	2
34	PAOZZ	81348	GGG-W-641	UOC: DTC, DTQ, DTR, EAM WRENCH, SOCKET, 11/16 12 POINT, ¾	5
				DRIVE, TYPE II, CLASS 2, STY A	
35	PAOZZ	81348	GGG-W-641	UOC: DTC, DTQ, DTR, EAM WRENCH, SOCKET, 11/16 12 POINT, ¾	5
				DRIVE, TYPE II, CLASS 2, STY A.....	
36	PAOZZ	81346	ASTM A-449 9/16B	UOC: DTC, DTQ, DTR, EAM BOLT, TRACK HD	6
37	PAOZZ	81346	ASTM A-44911/168	UOC: DTC, DTQ, DTR, EAM BOLT, TRACK HD	20
38	PAOZZ	81346	ASTM A-449 9/16N	UOC: DTC, DTQ, DTR, EAM NUT, HEXAGON..	6
39	PAOZZ	81346	ASTM A-44911/16N	UOC: DTC, DTQ, DTR, EAM NUT, HEXAGON..	20
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

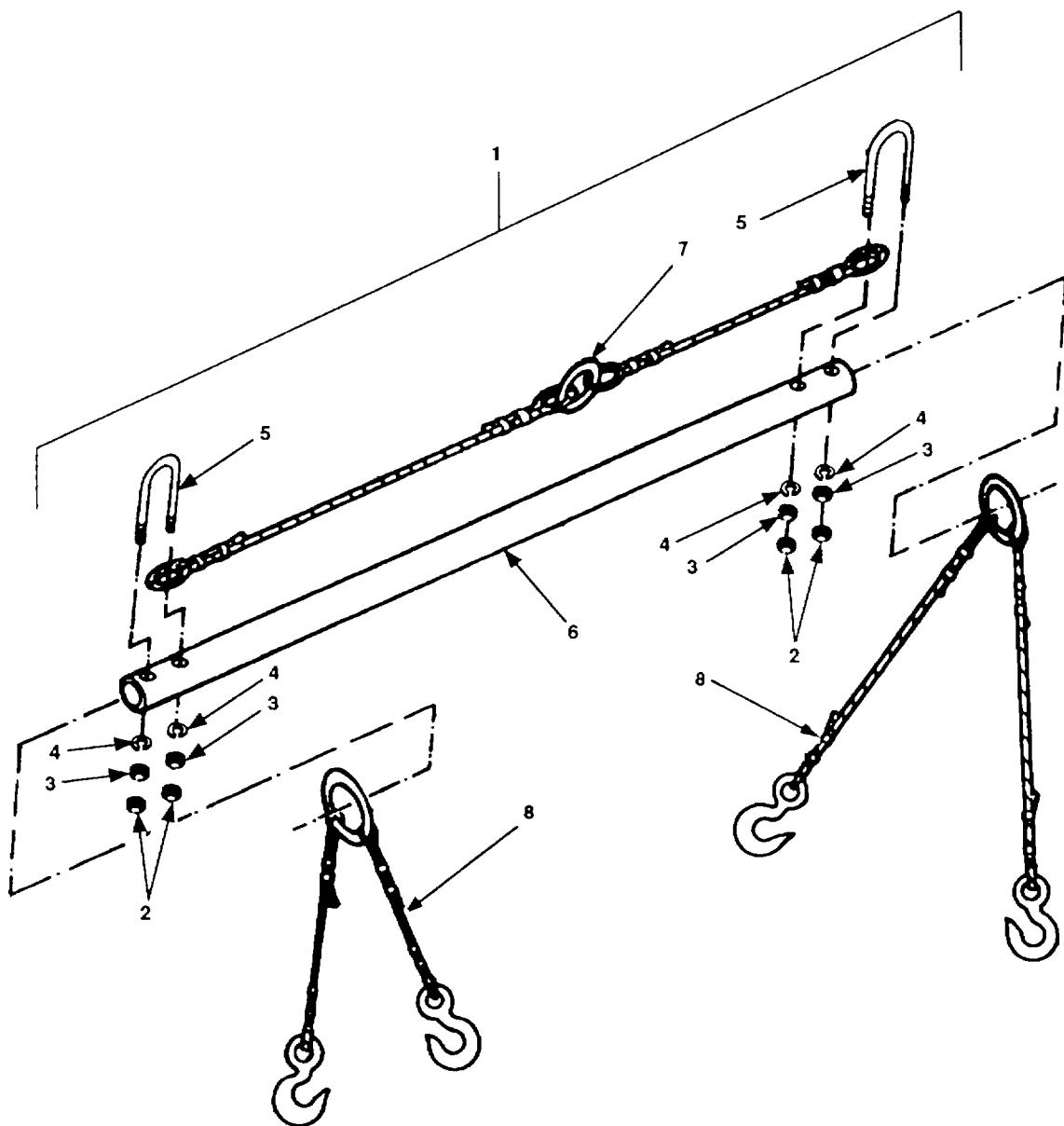


Figure 61. Sling Assembly, Four Leg

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 10 SLING ASSEMBLY					
FIG. 61 SLING ASSEMBLY, FOUR LEG					
1 PDOOO	97403	13226E1582		SLING, MULTIPLE LEG 72 INCHES WIDE, USE WITH FLAKING BOX PN: 13225E9182	1
2 PAOZZ	96906	MS35691-57		NUT, PLAIN, HEXAGON	4
3 PAOZZ	96906	MS51967-23		NUT, PLAIN, HEXAGON	4
4 PAOZZ	96906	MS27183-23		UOC: DTC, DTQ, DTR, EAM WASHER, FLAT	4
5 XBOZZ	97403	13212E7103		BOLT, U	2
6 XDOZZ	97403	13212E7104		UOC: DTC, DTQ, DTR, EAM SPREADER, BAR	1
7 XBOZZ	90598	25031-101		UOC: DTC, DTQ, DTR, EAM SLING ASSEMBLY, 3/4 INCH WIRE ROPE	1
8 XBOZZ	90598	25031-100		UOC: DTC, DTQ, DTR, EAM SLING ASSEMBLY, 1/2 INCH WIRE ROPE	2
UOC: DTC, DTQ, DTR, EAM					

END OF FIGURE

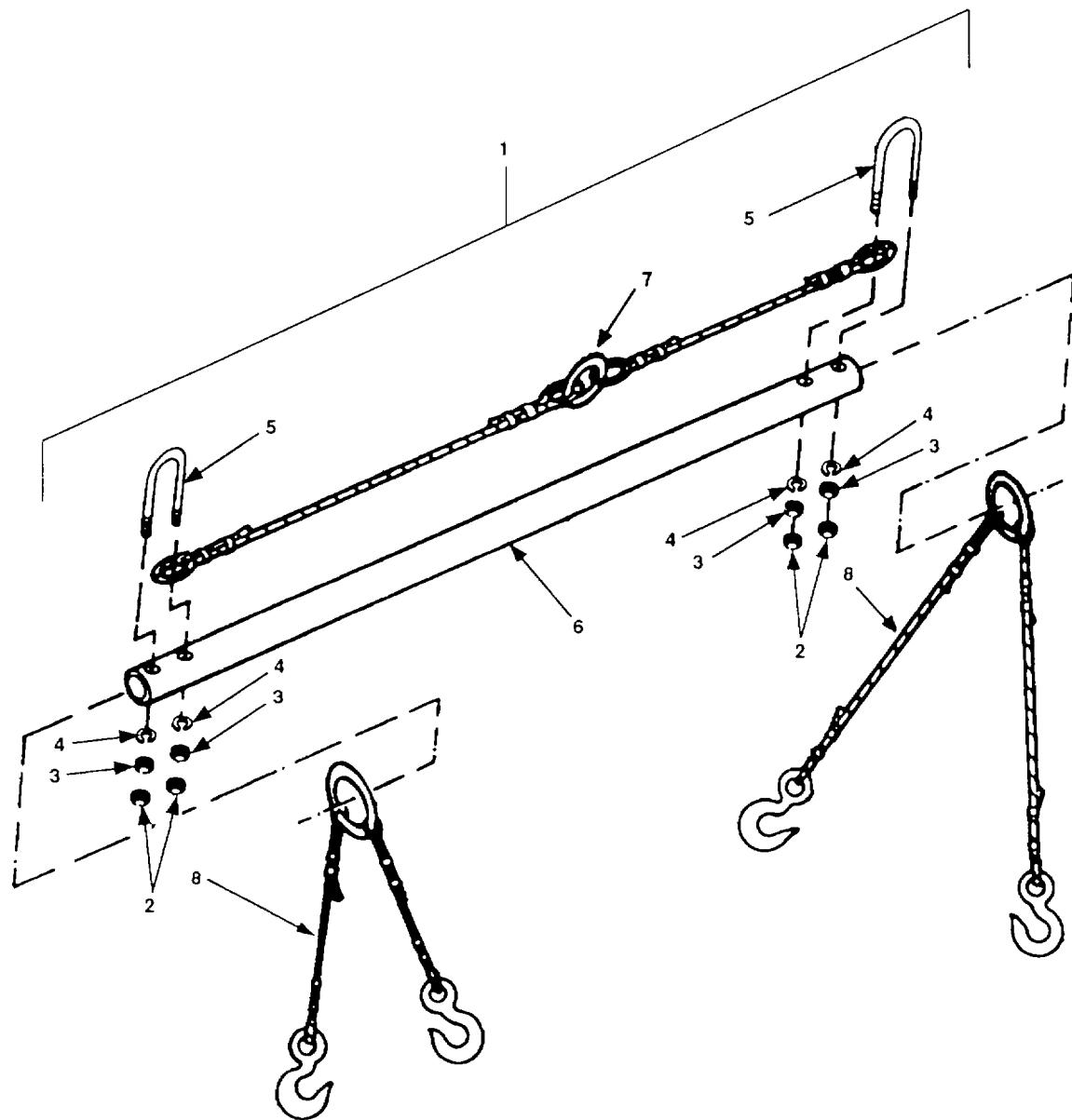


Figure 62. Sling Assembly, Four Leg

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
		GROUP 10 SLING ASSEMBLY			
		FIG. 62 SLING ASSEMBLY, FOUR LEG			
1	PDOOF	90598	13226E1582-20	SLING, MULTIPLE LEG 80 INCHES WIDE, USE WITH FLAKING BOX PN: 13227E9787.	1
2	PAOZZ	96906	MS35691-57	NUT, PLAIN, HEXAGON	4
3	PAOZZ	96906	MS51967-23	UOC: DTC, DTQ, DTR, EAM NUT, PLAIN, HEXAGON	4
4	PAOZZ	96906	MQ27183-23	UOC: DTC, DTQ, DTR, EAM WASHER, FLAT	4
5	XBOZZ	97403	13212E7103	BOLT, U	2
6	XDOZZ	90598	13212E7104-20	UOC: DTC, DTQ, DTR, EAM SPREADER, BAR	1
7	XBOZZ	90598	25031-102	UOC: DTC, DTQ, DTR, EAM SLING ASSEMBLY, ' 3/4 INCH WIRE ROPE	1
8	XBOZZ	90598	25031-100	UOC: DTC, DTQ, DTR, EAM SLING ASSEMBLY, 1/2 INCH WIRE ROPE	2
				UOC: DTC, DTQ, DTR, EAM	

END OF FIGURE

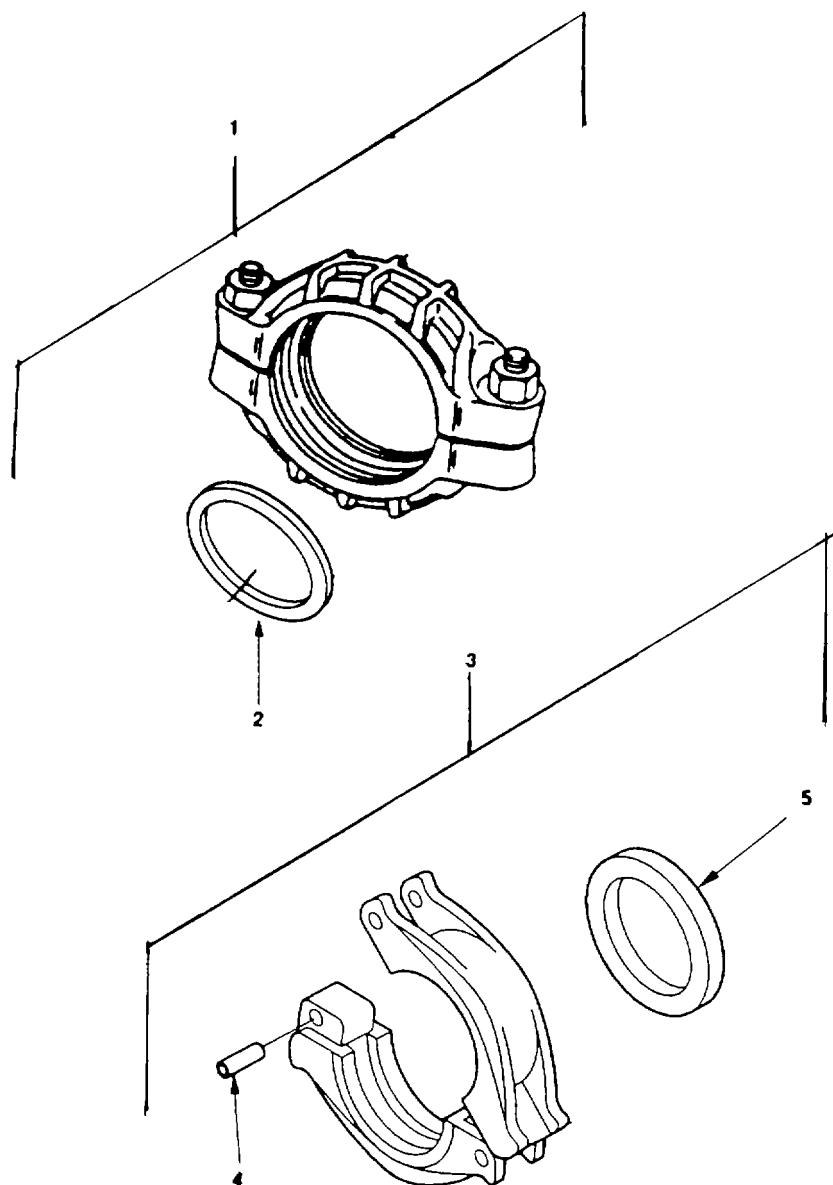


Figure 63. Coupling Grooved, Quick Disconnect, 6 in.

SECTION II		TM10-4320-303-23P		(5)	(6)
ITEM NO	SMR CODE	(3) CAGEC	(4) PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY
GROUP 10 SLING ASSEMBLY					
FIG. 63 COUPLING GROOVED, QUICK DISCONNECT, 6 IN.					
1 PAOZZ	81349	M10387-1-D-11	COUPLING, CLAMP, PIPE	15	
2 PCOZZ	79154	A-060-077-OEO	UOC: DTC, DTQ, DTR, EAM GASKET	1	
3 PAOZZ	79154	C-060-791-AEB	UOC: DTC, DTQ, DTR, EAM COUPLING, CLAMP, PIPE	15	
4 PAOZZ	79154	P-P69-791-Z-OB	UOC: DTC, DTQ, DTR, EAM PIN, LOCKING	1	
5 PAOZZ	79154	G-060-077-OEO	UOC: DTC, DTQ, DTR, EAM GASKET	1	
UOC DTC, DTQ, DTR, EAM					

END OF FIGURE

SECTION II		TM10-4320-303-23P			
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
GROUP 11 BULK MATERIAL LIST					
FIG. BULK					
1 PAOZZ	81348	RRC271	CHAIN, WELDLESS TYII, CL3, SASH BRONZE TRADE NO. 35	V	
2 PAOZZ	81349	MIL-H-53027	HOSE ASSEMBLY, NONME	V	
3 PAOZZ	70847	C406	UOC: DTC, DTQ, DTR, EAM STRAPPING	V	
4 PAOZZ	81346	ASTM A641	UOC: DTC, DTQ, DTR, EAM WIRE, NONELECTRICAL 0.120 IN DIA	1	
			SOFT TEMPER, 1010 COMP, FIN 5, CLASS 2.....		
			UOC DTC, DTQ, DTR, EAM		

END OF FIGURE

BULK-1

CROSS-REFERENCE INDEXES

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5306-00-057-2507	58	4	5310-00-809-8533	18	49
5305-00-071-2079	56	4		61	4
	57	4	4820-00-810-4250	42	1
5305-00-071-2513	58	7	5315-00-812-1236	47	4
5310-00-088-1251	58	2	5310-00-820-6653	20	15
4730-00-088-9285	24	5	5310-00-823-8803	20	16
4730-00-088-9286	1	9	5310-00-838-1702	61	2
	26	6		62	2
5306-00-141-7179	58	10	5315-00-839-5820	47	3
	59	2	5315-00-839-5822	15	8
5120-00-222-8852	60	5		16	8
4010-00-228-9933	BULK	1	4730-00-840-0796	20	13
5310-00-274-8707	21	8	4730-00-840-0797	41	1
5330-00-412-9780	2	2	4730-00-840-5347	20	21
	3	2	4730-00-840-5348	20	18
5310-00-432-3627	15	2	5330-00-899-4509	1	10
	16	2		20	19
3540-00-445-3325	60	15			20
	23				
4320-00-542-3347	25	1		24	2
5350-00-584-4654	60	12		26	7
5330-00-612-2414	24	4	5310-00-913-8881	18	38
	24	6	4730-00-915-5127	45	1
	26	3	4610-00-937-6862	27	
	26	5	4730-00-938-7997	26	1
	41	3	4730-00-951-3295	50	3
	41	5	4730-00-951-3297	50	1
	43	2	5340-00-986-1981	21	2
	44	2	5360-00-986-1987	21	4
	50	2	4730-00-992-7269	18	14
	50	4	4730-00-992-7272	18	35
5330-00-649-9131	18	45	4730-01-064-0560	24	1
5305-00-724-7224	18	52	5340-01-066-3966	52	3
5305-00-724-7236	20	17	4730-01-068-5070	41	4
5310-00-763-8920	18	50	5430-01-106-9678	22	1
	20	14	4820-01-110-1352	18	41
5310-00-763-8921	18	12	5120-01-114-5499	60	3
	61	3	4610-01-117-8271	48	1
	62	3	4320-01-128-4244	5	
5310-00-768-0318	21	1	4320-01-128-4245	20	
	56	2	4720-01-138-8986	41	2
	57	2	5330-01-141-1864	20	20
	58	8	4820-01-159-0439	21	
	59	1	4720-01-163-4682	20	22
5330-00-779-2357	21	6	4720-01-163-4684	24	3
5330-00-785-0693	21	10	4720-01-163-4686	2	1
5310-00-809-3079	18	51	4720-01-163-5088	26	2
5310-00-809-4058	58	3	4730-01-176-5772	1	1
5310-00-809-5997	56	3		5	1
	57	3		8	1
5310-00-809-5998	58	9		9	1

CROSS-REFERENCE INDEXES

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4730-01-176-5772	10	1	4820-01-288-0882	21	12
	13	1		21	13
	14	1	4010-01-295-3091	52	7
	17	1	4730-01-333-1899	52	9
	19	1	6630-01-336-9215	49	2
	20	1	4720-01-346-7216	14	
	53	14	4610-01-355-8567	58	1
	60	19	3820-01-359-0869	52	10
	63	1	5340-01-359-5640	57	1
4730-01-177-5166	20	6	4730-01-359-7166	60	23
4730-01-178-0297	1	7	3835-01-361-5682	53	8
	4	1	4720-01-365-9098	9	
4730-01-178-0317	53	13			
4730-01-182-3449	6	1			
4320-01-184-7494	11	1			
4820-01-186-0738	12	1			
4820-01-186-0744	7				
4730-01-186-0815	1	6			
4730-01-186-0817	3	1			
4730-01-186-0821	26	4			
3835-01-187-1556	51	1			
2910-01-188-8198	46	1			
4730-01-192-1624	43	1			
3835-01-195-1901	52				
5330-01-197-4042	20	7			
	20	10			
3940-01-199-4010	61	1			
3835-01-199-4014	53				
3835-01-199-4015	55	1			
4730-01-199-4016	60	1			
4320-01-201-6937	11	2			
4820-01-201-7138	13				
	19				
4820-01-201-7298	13	6			
	19	6			
4730-01-203-1026	14	8			
4030-01-206-5035	52	5			
5315-01-212-5559	15	9			
	16	9			
5340-01-212-5656	15	10			
	16	10			
5330-01-214-0131	21	5			
5340-01-249-6794	BULK	3			
4610-01-250-3724	40	2			
4320-01-261-6470	11	3			
4820-01-264-6203	18				
4820-01-267-5968	18	29			
4820-01-267-5976	18	22			
4720-01-276-5952	10				
4730-01-279-7771	21	3			

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
09680	A 813933		27	2
79154	A-060-077-0E0		63	2
09680	A-239321		34	
09680	A-239375		37	
09680	A-239375-12		37	3
09680	A-239376		39	1
09680	A-330-1		34	9
09680	A-333		34	38
09680	A-334		34	37
09680	A-335		34	30
09680	A-336		34	36
09680	A-337		34	35
09680	A-338		34	32
09680	A-339		34	29
09680	A-48		34	11
79172	A-506131		40	1
09680	A-813003		36	27
31922	A-93		34	10
81346	ASTM A-449 9/16B		60	36
81346	ASTM A-449 9/16N		60	38
81346	ASTM A-44911/16B		60	37
81346	ASTM A-44911/16N		60	39
81346	ASTM A641		BULK	4
09680	AX-265-2		35	2
09680	AX-319		34	6
09680	AX-327		34	15
31922	A326		34	7
09680	B-239370		38	
31922	B-239387		36	
09680	B-712		31	4
09680	B-805285-2		36	10
09680	B-813973		38	12
79154	BFVR-700-13		7	6
79154	BFVR-700-17/18		7	2
79154	BFVR-700-2		7	7
79154	BFVR-700-6		7	5
82666	B120-2IN	4820-00-810-4250	42	1
80204	B1821BH025C25CON	5305-00-071-2513	58	7
80204	B1821BH050C400N	5305-00-071-2079	56	4
			57	4
80204	B1821BH063C250N	5305-00-724-7224	18	52
79154	C-040-791-OA		20	8
79154	C-060-078-PES		53	2
79154	C-060-791-AEB		1	3
			5	3
			8	3
			9	3
			10	3
			13	3
			14	3
			17	3

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
79154	C-060-791-AEB		19	3
			20	3
			53	15
			60	20
			63	3
79154	C-080-078-PES		53	9
09680	C-228-P9T		34	23
09680	C-239372		37	8
09680	C-239373		37	16
09680	C-239374		37	15
09680	C-273-P9		34	22
09680	C-277		34	28
09680	C-287		34	27
09680	C-289		34	18
09680	C-290		34	21
81718	C-73-8		21	11
81718	C-74-AG	5340-00-986-1981	21	2
09680	C-813966		38	16
31922	C-813969		38	9
31922	C-813970		38	10
31922	C-813971		38	8
09680	CX-271-1		34	26
70847	COO1	3540-00-445-3325	60	15
86184	C0966G		18	23
86184	C0973C		18	21
86184	C0974A		18	16
86184	C1029C		18	26
86184	C1534B		18	17
31922	C278		34	39
70847	C406	5340-01-249-6794	BULK	3
86184	C6936D	4820-01-110-1352	18	41
86184	C7240K		18	13
81718	C75M	5330-00-785-0693	21	10
81718	D-17-AG		21	9
09680	0-213614		34	17
09680	D-239381		28	1
09680	D-239382		31	1
09680	D-239383		33	
09680	D-239384		30	
09680	D-239385		29	1
09680	D-239386		28	5
			29	4
			30	3
			32	1
			36	7
09680	D-239386-2		33	7
09680	D-239388		27	1
09680	D-239389		35	
31922	D-239398		38	14
09680	D-805711-1		34	3
31922	D-806515-3		36	3

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
31922	D-812699-1		36	4
09680	D-813172		36	15
09680	D-813173		36	23
09680	D-813205		36	17
09680	D-813212		36	20
09680	D-813672		36	21
31922	D-813967		38	11
31922	D-813968		38	6
09680	D-813972		38	5
31922	D-813988		38	15
31922	D-814234		38	13
09680	D-814309		33	5
09680	D-814313		30	4
09680	D-814314		30	5
09680	D-814316		36	18
09680	D-814317		36	25
09680	D-814323		30	6
			34	25
09680	D-814327		33	4
09680	D-814328		33	3
09680	D-814329		34	5
09680	D-814330		34	16
09680	D-814331		34	19
09680	D-814332		34	34
09680	D-814334		34	24
09680	D-814335		34	31
09680	D-814336		34	12
09680	D-814339		34	13
09680	D-814352		36	8
09680	D-814353		36	12
09680	D-814354		36	14
09680	D-814358		33	2
09680	D-814397		36	13
09680	DN-275		36	26
31922	DS-46-145		38	7
31922	DS46-134		36	22
31922	DS46-37		34	33
81718	D18M AND D19M	4820-01-288-0882	21	12
			21	13
81718	E2AG		21	15
79154	F-E98-040-A-OB	4730-01-203-1026	14	8
31922	F-11		36	9
31922	F-921-1		36	6
81348	FF-S-92		49	6
31922	F721		36	24
79154	G-040-075-0-E4	5330-01-197-4042	20	7
			20	10
79154	G-060-077-OE0		1	2
			1	5
			5	2
			5	5

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
79154	G-060-077-OEO	8 8 9 9 10 10 13 13 14 14 17 17 17 19 19 20 20 53 60 63	8 8 9 9 10 10 13 13 14 14 17 17 17 19 19 20 20 53 60 63	2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 3 21 5
79154	G-080-077-OEO	53	53	10
09680	G-1197-3	36	36	5
81348	GGG-P-471	60	60	10
81348	GGG-W-641	60 60 60	60 60 60	6 7 34 35
89117	GL-1	53	53	11
31922	G855	36	36	2
31922	G856-6	36	36	1
31922	H-18-1	36	36	19
81718	H-633-M	21	21	7
81718	H-664-RB	21	21	14
81718	H-665-M	4730-01-279-7771	21	3
81718	H-666-M	5330-01-214-0131	21	5
81718	H667M	5330-00-779-2357	21	6
81718	H669M	5360-00-986-1987	21	4
75206	K-20/20	60	60	16
09680	KFO6-04PS	28 33	28 33	3 8
30327	KFO6-04PS90	29	29	3
09680	KFO6-06PS	28	28	4
09680	KFO6-08PS	30	30	2
09680	KF12-08PS	31	31	3
70847	L-290	8 9 10 14 60	8 9 10 14 60	6 6 6 6 14
06550	LH300A	54	54	1
19099	MABZZ	8 9	8 9	7 7

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
19099	MABZZ		10	7
			14	7
			60	24
87990	MCD5136-13		18	47
81349	MIL-B-273	4610-01-117-8271	48	1
81349	MIL-H-53027		BULK	2
81349	MIL-H-904		59	3
81349	MIL-S-53012	3835-01-195-1901	52	
96906	MQ27183-23		62	4
96906	MS20392-3C35	5315-00-812-1236	47	4
96906	MS20913-3K	4730-00-992-7272	18	35
96906	MS20913-6K	4730-00-992-7269	18	14
96906	MS21316-48		15	4
			16	4
96906	MS24665-134	5315-00-839-5820	47	3
96906	MS24665-353	5315-00-839-5822	15	8
			16	8
96906	MS27020-17	4730-00-840-0796	20	13
96906	MS27020-19	4730-01-186-0815	1	6
96906	MS27022-11	4730-00-938-7997	26	1
96906	MS27022-17	4730-00-840-0797	41	1
96906	MS27023-17	4730-00-840-5347	20	21
96906	MS27024-17	4730-00-088-9286	1	9
			26	6
96906	MS27024-19	4730-01-186-0817	3	1
96906	MS27026-11	4730-00-088-9285	24	5
96906	MS27027-17	4730-00-840-5348	20	18
96906	MS27029-11	4730-00-915-5127	45	1
96906	MS27030-10	5330-00-412-9780	2	2
			3	2
96906	MS27030-6	5330-00-612-2414	24	4
			24	6
			26	3
			26	5
			41	3
			41	5
			43	2
			44	2
			50	2
			50	4
96906	MS27030-9	5330-00-899-4509	1	10
			20	19
			20	23
			24	2
			26	7
96906	MS27130-S43K	5310-00-432-3627	15	2
			16	2
96906	MS27183-10	5310-00-809-4058	58	3
96906	MS27183-17	5310-00-809-5997	56	3
			57	3
96906	MS27183-18	5310-00-809-5998	58	9

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
96906	MS27183-19	5310-00-809-3079	18	51
96906	MS27183-21	5310-00-823-8803	20	16
96906	MS27183-23	5310-00-809-8533	18	49
			61	4
96906	MS27950-8	5306-00-141-7179	58	10
			59	2
96906	MS35338-50	5310-00-820-6653	20	15
96906	MS35338-61	5310-00-274-8707	21	8
96906	MS35691-33		38	4
96906	MS35691-57	5310-00-838-1702	61	2
			62	2
96906	MS35751-21	5306-00-057-2507	58	4
96906	MS35842-10		31	2
81349	MS49000		29	5
96906	MS49000-11	4730-00-951-3297	50	1
96906	MS49000-17	4730-01-064-0560	24	1
96906	MS49000-19	4730-01-186-0821	26	4
96906	MS49000-5	4730-00-951-3295	50	3
96906	MS49002-9	4730-01-192-1624	43	1
96906	MS51922-1	5310-00-088-1251	58	2
96906	MS51955-74		38	3
96906	MS51967-20	5310-00-763-8920	18	50
			20	14
96906	MS51967-23	5310-00-763-8921	18	12
			61	3
			62	3
96906	MS51967-8		38	1
96906	MS51971-2		18	32
96906	MS51971-3	5310-00-913-8881	18	38
96906	MS870006-33		47	1
96906	MS90728-169	5305-00-724-7236	20	17
12603	MS90728-187		18	48
80204	MS90728-62		38	2
81349	M10387-1-D-11	4730-01-176-5772	1	1
			5	1
			8	1
			9	1
			10	1
			13	1
			14	1
			17	1
			19	1
			20	1
			53	14
			60	19
			63	1
81349	M10387-1D09	4730-01-177-5166	20	6
81349	M10387AD11		60	22
81349	M10388-A-07-AK-1	4730-01-178-0297	1	7
	-C-6A		4	1

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
81349	M10388-A05AKIC	4730-01-178-0317	53	13
81349	M10388-A07AI1A6A		20	12
81349	M10388-A08ADIC6A		53	7
81349	M10388-A08AKIC6A		8	8
			9	8
			10	8
81349	M10388-A08AK4C6A		13	7
			19	7
81349	M10388-A18AKIC	4730-01-182-3449	6	1
81349	M10388-A28BT1C4A		1	11
81349	M10388-A30EBIA6C		20	11
81349	M53027-0100		8	
81349	M53027-5000	4720-01-346-7216	14	
81349	M53029-20	5430-01-106-9678	22	1
80205	NAS1291C3M		15	13
			16	13
80205	NAS1298-3-4		15	12
			16	12
09680	OAX-332		34	8
09680	OF-726-V		36	11
81718	OPW-676-FR4IN	4820-01-159-0439	21	
81348	P-C-1673	5350-00-584-4654	60	12
79154	P-L68-791-Z-OB		20	9
79154	P-P69-791-Z-OB		5	4
			8	4
			9	4
			10	4
			13	4
			14	4
			17	4
			19	4
			20	4
			60	18
			63	4
79154	P-P69-791-Z-OB		1	4
81348	PPP-B-636		52	11
19099	RR-C-271-A		47	2
81348	RRC271	4010-00-228-9933	BULK	1
09680	S-3		30	7
09680	S-4		30	9
09680	S-5		30	8
09680	S-8		30	10
80063	SCC539502-2	5120-00-222-8852	60	5
79154	STYLE 480		60	27
79154	STYLE 482		60	26
79154	STYLE 483		60	31
			60	32
			60	33
79154	STYLE 484		60	28
			60	29
			60	30

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
75535	S223-1-2X12	5340-01-066-3966	52	3
86184	TV5519	18	19	
96046	US636HCCD-1	4320-01-201-6937	11	2
79154	V-060-710-P-E3	4820-01-186-0738	12	1
09680	V-8764-B		34	4
31922	VM8793		34	2
86184	V1692C		18	24
86184	V5138C		18	18
86184	V6792F		18	25
86184	V6901C		18	28
81348	WW-C-633-10-B		53	12
81348	WW-C-633-13-B		53	5
81348	WW-N-351		26	8
81348	WW-V-35		53	17
09680	DA-347		34	14
09680	OAX-325		34	40
78735	00-106		60	9
43786	00136		60	11
90617	016BP	5120-01-114-5499	60	3
21439	01857-007	5310-00-768-0318	21	1
			56	2
			57	2
			58	8
			59	1
09680	045		37	17
14448	18B415-114		33	9
86184	100-01-1498C		18	11
63317	100-04-011		53	18
			55	2
			60	2
19099	100-07-001AR		14	9
19099	100-15-001AR		9	9
19099	100-55-001AR		10	9
19099	100-56-001AR		8	9
09680	1025G031		35	7
09680	10347P058		35	10
86184	121730K		18	53
86184	1223501G		18	54
97403	13200E5958	5340-01-212-5656	15	10
			16	10
97403	13200E5959	5315-01-212-5559	15	9
			16	7
			16	9
97403	13200E7400	6630-01-336-9215	49	2
97403	13200E7401		49	7
97403	13200E7402		49	3
97403	13200E7415		49	8
97403	13200E7416		49	5
97403	13200E7417		49	4
97403	13212E7103		61	5
			62	5

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
97403	13212E7104		61	6
90598	13212E7104-20		62	6
97403	13216E9016		49	1
81718	13219E0491		44	1
97403	13220E1069-1	5330-01-141-1864	20	20
97403	13225E9088	4320-01-128-4244	5	
97403	13225E9088-5	4720-01-365-9098	9	
97403	13225E9088-6	4720-01-276-5952	10	
97403	13225E9089	4320-01-128-4245	20	
97403	13225E9090-13	4820-01-264-6203	18	
97403	13225E9091		23	1
97403	13225E9135-2	4720-01-163-4684	24	3
97403	13225E9135-6	4720-01-163-4686	2	1
97403	13225E9136-1	4720-01-163-5088	26	2
97403	13225E9136-2	4720-01-138-8986	41	2
97403	13225E9136-3	4720-01-163-4682	20	22
97404	13225E9140		47	
97403	13225E9145		47	6
97403	13225E9146		47	5
97403	13225E9152		15	6
			16	6
97403	13225E9182		15	
97403	13225E9183		15	1
97403	13225E9184		15	11
97403	13225E9186		56	1
97403	13225E9187	5340-01-359-5640	57	1
97403	13225E9188	4030-01-206-5035	52	5
97403	13225E9189	3820-01-359-0869	52	10
97403	13225E9190		1	
97403	13225E9191-10		1	8
97403	13225E9195		17	
97403	13225E9196	4820-01-201-7138	13	
			19	
97403	13225E9198		53	1
97403	13226E1570	4730-01-333-1899	52	9
97403	13226E1571	3835-01-199-4015	55	1
97403	13226E1572	4610-01-355-8567	58	1
97403	13226E1573		58	12
97403	13226E1574		58	11
97403	13226E1576	3835-01-187-1556	51	1
97403	13226E1577	3835-01-199-4014	53	
97403	13226E1579	3835-01-361-5682	53	8
97403	13226E1580		53	4
97403	13226E1581	4730-01-199-4016	60	1
97403	13226E1581-15	4730-01-359-7166	60	23
97403	13226E1582	3940-01-199-4010	61	1
90598	13226E1582-20		62	1
97403	13226E1583		58	5
97403	13226E1584		58	6
97403	13227E3297		16	11
97403	13227E9182-9		15	7

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
97403	13227E9787		16	
97403	13228E3296		16	1
97403	13228E9872-18		53	6
24869	15604		17	6
09680	15609P024		35	5
31922	188672-42		36	16
81718	190-GW	2910-01-188-8198	46	1
31922	1955-1	4610-00-937-6862	27	
31922	1955-3	4610-01-250-3724	40	2
97403	2-125-50-G	4320-00-542-3347	25	1
34494	20M-1-3/4-200PSI	4820-01-201-7298	13	6
			19	6
09680	22032P042		35	4
81718	25-W		43	3
90598	25031-100		61	8
			62	8
90598	25031-101		61	7
90598	25031-102		62	7
10001	2878356		15	5
			16	5
81718	319-K-2IN	4730-01-068-5070	41	4
39428	3197T12		52	6
39428	3440T213	4010-01-295-3091	52	7
86184	37133G		18	43
86184	37135B		18	44
86184	37137H		18	42
39428	3825T33		52	1
86184	40174F	5330-00-649-9131	18	45
09680	416-3301-010		37	10
09680	416-3301-011		37	14
09680	416-3309-055		37	12
09680	416-3309-090		37	9
09680	416-3311-006		37	13
09680	416-3312-006		37	11
31922	416-3391-001		28	2
			29	2
			30	1
			33	6
09680	417-0022-026		37	4
09680	417-0022-046		37	1
09680	417-0036-024		37	5
09680	417-0037-056		37	6
09680	417-0037-057		37	2
09680	417-0052-127		37	7
09680	417-0057-094		35	3
09680	417-0061-723		35	1
86184	43394G		18	34
09680	5		34	1
31952	500S		33	1
09680	51010P004		35	12
09680	51015G003		35	8

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
09680	51017G008		35	11
09680	51019G004		35	13
09680	51023P033		35	19
09680	51031K017		35	6
09680	51032P045		35	15
09680	51033P002		35	17
09680	51034P002		35	14
09680	51068P102		35	18
09680	51091P021		35	9
09680	51210G001		35	16
09680	5133-18		34	20
19099	53027-15AR		60	17
80535	543-0835		52	4
29891	60870		60	13
25567	609-A	4320-01-184-7494	11	1
25567	609-C	4320-01-261-6470	11	3
80535	626-0107		52	8
86184	6730017J		18	8
86184	6757821B		18	33
86184	6758787D		15	4
86146	6758788B		18	6
86184	67628J		18	30
86184	67644103D		18	9
86184	6778327E		18	5
86184	6786251G		18	2
86184	6786359H		18	3
86184	6799805E		18	15
03914	69-490		60	4
80535	699-0834		52	2
03914	70-865		60	8
79154	700E6IN	4820-01-186-0744	7	
79154	700E6IN-1		7	3
79154	700E6IN-3		7	4
79154	700E6IN-5		7	9
79154	700E6IN-7		7	8
79154	700E6IN-8		7	1
86184	7055007E		18	39
86184	71881		18	36
86184	7188201D		18	31
86184	71884B		18	37
86184	71891G		18	40
86184	758789K		18	7
86184	7621401E	4820-01-267-5968	18	29
86184	79911E		18	27
86184	8339709B		18	46
98752	8524111-01		13	8
			53	16
			60	25
86184	87893E	4820-01-267-5976	18	22
86184	8919017H		18	1
86184	8919026J		18	10

SECTION IV

TM10-4320-303-23P

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX	FIG.	ITEM
		STOCK NUMBER		
86184	8937901A		18	20
80064	9S4730PC2		15	3
			16	3

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
BULK	1	4010-00-228-9933	81348	PRC271
BULK	2		81349	MIL-H-53027
BULK	3	5340-01-249-6794	70847	C406
BULK	4		81346	ASTM A641
1			97403	13225E9190
1	1	4730-01-176-5772	81349	M10387-1-D-11
1	2		79154	G-060-077-OEO
1	3		79154	C-060-791-AEB
1	4		79154	P-P69-791-Z-OB
1	5		79154	G-060-077-OEO
1	6	4730-01-186-0815	96906	MS27020-19
1	7	4730-01-178-0297	81349	M10388-A-07-AK-1 -C-6A
1	8		97403	13225E9191-10
1	9	4730-00-088-9286	96906	MS27024-17
1	10	5330-00-899-4509	96906	MS27030-9
1	11		81349	M10388-A28BT1C4A
2	1	4720-01-163-4686	97403	13225E9135-6
2	2	5330-00-412-9780	96906	MS27030-10
3	1	4730-01-186-0817	96906	MS27024-19
3	2	5330-00-412-9780	96906	MS27030-10
4	1	4730-01-178-0297	81349	M10388-A-07-AK-1 -C-6A
5		4320-01-128-4244	97403	13225E9U88
5	1	4730-01-176-5772	81349	M10387-1-D-11
5	2		79154	G-060-077-OEO
5	3		79154	C-060-791-AEB
5	4		79154	P-P69-791-Z-OB
5	5		79154	G-060-077-OEO
6	1	4730-01-182-3449	81349	M10388-A18AK1C
7		4820-01-186-0744	79154	700E6IN
7	1		79154	700E6IN-8
7	2		79154	BFVR-700-17/18
7	3		79154	700E6IN-1
7	4		79154	700E6IN-3
7	5		79154	BFVR-700-6
7	6		79154	BFVR-700-13
7	7		79154	BFVR-700-2
7	8		79154	700E6IN-7
7	9		79154	700E6IN-5
8			81349	M53027-0100
8	1	4730-01-176-5772	81349	M10387-1-D-11
8	2		79154	G-060-077-OEO
8	3		79154	C-060-791-AEB
8	4		79154	P-P69-791-Z-OB
8	5		79154	G-060-077-OEO
8	6		70847	L-290
8	7		19099	MABZZ
8	8		81349	M10388-A08AK1C6A
8	9		19099	100-56-001AR
9		4720-01-365-9098	97403	13225E9088-5

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
9	1	4730-01-176-5772	81349	M10387-1-D-11
9	2		79154	G-060-077-OEO
9	3		79154	C-060-791-AEB
9	4		79154	P-P69-791-Z-OB
9	5		79154	G-060-077-OEO
9	6		70867	L-290
9	7		19099	MABZZ
9	8		81349	M10388-A08AK1C6A
9	9		19099	100-15-001AR
10		4720-01-276-5952	97403	13225E9088-6
10	1	4730-01-176-5772	81349	M10387-1-D-11
10	2		79154	G-060-077-OEO
10	3		79154	C-060-791-AEB
10	4		79154	P-069-791-Z-OB
10	5		79154	G-060-077-OEO
10	6		70847	L-290
10	7		19099	MABZZ
10	8		81349	M10388-A08AK1C6A
10	9		19099	100-55-001AR
11	1	4320-01-184-7494	25567	609-A
11	2	4320-01-201-6937	96046	US636HCCD-1
11	3	4320-01-261-6470	25567	609-C
12	1	4820-01-186-0738	79154	V-060-710-P-E3
13		4820-01-201-7138	97403	13225E9196
13	1	4730-01-176-5772	81349	M10387-1-D-11
13	2		79154	G-060-077-OEO
13	3		79154	C-060-791-AEB
13	4		79154	P-069-791-Z-OB
13	5		79154	G-060-077-OEO
13	6	4820-01-201-7298	34494	20M-1-3/4-200PSI
13	7		81349	M10388-A08AK4C6A
13	8		98752	8524111-01
14		4720-01-346-7216		81349 M53027-5000
14	1	4730-01-176-5772	81349	M10387-1-D-11
14	2		79154	G-060-077-OEO
14	3		79154	C-060-791-AEB
14	4		79154	P-P69-791-Z-OB
14	5		79154	G-060-077-OEO
14	6		70847	L-290
14	7		19099	MABZZ
14	8	4730-01-203-1026	79154	F-E98-040-A-OB
14	9		19099	100-07-001AR
15			97403	13225E9182
15	1		97403	13225E9183
15	2	5310-00-432-3627	96906	MS27130-S43K
15	3		80064	9S4730PC2
15	4		96906	MS21316-48
15	5		10001	2878356
15	6		97403	13225E9152
15	7		97403	13227E9182-9
15	8	5315-00-839-5822	96906	MS24665-353

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		
		STOCK NUMBER	CAGEC	PART NUMBER
15	9		5315-01-212-5559	97403 13200E5959
15	10		5340-01-212-5656	97403 13200E5958
15	11			97403 13225E9184
15	12			80205 NAS1298-3-4
15	13			80205 NAS1291C3M
16				97403 13227E9787
16	1			97403 13228E3296
16	2	5310-00-432-3627		96906 MS27130-S43K
16	3			80064 9S4730PC2
16	4			96906 MS21316-48
16	5			10001 2878356
16	6			97403 13225E9152
16	7			97403 13200E5959
16	8	5315-00-839-5822		96906 MS24665-353
16	9	5315-01-212-5559		97403 13200E5959
16	10	5340-01-212-5656		974C3 13200E5958
16	11			97403 13227E3297
16	12			80205 NAS1298-3-4
16	13			80205 NAS1291C3M
17				97403 13225E9195
17	1	4730-01-176-5772		81349 M10387-1-D-11
17	2			79154 G-060-077-OEO
17	3			79154 C-060-791-AEB
17	4			79154P-P69-791-Z-OB
17	5			79154G-06C-077-OEO
17	6			24869 15604
18		4820-01-264-6203		97403 13225E9090-13
18	1			86184 8919017H
18	2			86184 6786251G
18	3			86184 6786359H
18	4			86184 6758787D
18	5			86184 6778327E
18	6			86146 6758788B
18	7			86184 758789K
18	8			86184 6730017J
18	9			86184 67644103D
18	10			86184 8919026J
18	11			86184 100-01-1498C
18	12	5310-00-763-8921		96906 MS51967-23
18	13			86184 C7240K
18	14	4730-00-992-7269		96906 MS20913-6K
18	15			86184 6799805E
18	16			86184 C0974A
18	17			86184 C1534B
18	18			86184 V5138C
18	19			86184 TV5519
18	20			86184 8937901A
18	21			86184 C0973C
18	22	4820-01-267-5976		86184 87893E
18	23			86184 C0966G
18	24			86184 V1692C

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
18	25		86184	V6792F
18	26		86184	C1029C
18	27		86184	79911E
18	28		86184	V6901C
18	29	4820-01-267-5968	86184	7621401E
]8	30		86184	67628J
18	31		86184	7188201D
18	32		96906	MS51971-2
18	33		86184	6757821B
18	34		86184	43394G
18	35	4730-00-992-7272	96906	MS20913-3K
18	36		86184	71881
18	37		86184	71884B
18	38	5310-00-913-8881	96906	MS51971-3
18	39		86184	7055007E
18	40		86184	71891G
18	41	4820-01-110-1352	86184	C6936D
18	42		86184	37137H
18	43		86184	37133G
18	44		86184	37135B
18	45	5330-00-649-9131	86184	40174F
18	46		86184	8339709B
18	47		87990	MCD5136-13
18	48		12603	MS90728-187
18	49	5310-00-809-8533	96906	MS27183-23
18	50	5310-00-763-8920	96906	MS51967-20
18	51	5310-00-809-3079	96906	MS27183-19
18	52	5305-00-724-7224	80204	B1821BH063C250N
18	53		86184	121730K
18	54		86184	1223501G
19		4820-01-201-7138	97403	13225E9196
19	1	4730-01-176-5772	81349	M10387-1-D-11
19	2		79154	G-060-077-OEO
19	3		79154	C-U60-791-AEB
19	4		79154	P-P69-791-Z-OB
19	5		79154	G-060-077-OEO
19	6	4820-01-201-7298	34494	20M-1-3/4-200PSI
19	7		81349	M10388-AO8AK4C6A
20		4320-01-128-4245	97403	13225E9089
20	1	4730-01-176-5772	81349	M10387-1-D-11
20	2		79154	G-060-077-OEO
20	3		79154	C-060-791-AEB
20	4		79154	P-P69-791-Z-OB
20	5		79154	G-060-077-OEO
20	6	4730-01-177-5166	81349	M10387-1D09
20	7	5330-01-197-4042	79154	G-040-075-0-E4
20	8		79154	C-040-791-OA
20	9		79154	P-L68-791-Z-OB
20	10	5330-01-197-4042	79154	G-040-075-0-E4
20	11		81349	M10388-A30EB1A6C
20	12		81349	M10388-AO7AI1A6A

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
20	13	4730-00-840-0796	96906	MS27020-17
20	14	5310-00-763-8920	96906	MS51967-20
20	15	5310-00-820-6653	96906	MS35338-50
20	16	5310-00-823-8803	96906	MS27183-21
20	17	5305-00-724-7236	96906	MS90728-169
20	18	4730-00-840-5348	96906	MS27027-17
20	19	5330-00-899-4509	96906	MS27030-9
20	20	5330-01-141-1864	97403	13220E1069-1
20	21	4730-00-840-5347	96906	MS27023-17
20	22	4720-01-163-4682	97403	13225E9136-3
20	23	5330-00-899-4509	96906	MS27030-9
21		4820-01-159-0439	81718	OPW-676-FR4IN
21	1	5310-00-768-0318	21439	01857-007
21	2	5340-00-986-1981	81718	C-74-AG
21	3	4730-01-279-7771	81718	H-665-M
21	4	5360-00-986-1987	81718	H669M
21	5	5330-01-214-0131	81718	H-666-M
21	6	5330-00-779-2357	81718	H667M
21	7		81718	H-633-M
21	8	5310-00-274-8707	96906	MS35338-61
21	9		81718	D-17-AG
21	10	5330-00-785-0693	81718	C75M
21	11		81718	C-73-8
21	12	4820-01-288-0882	81718	D18M AND D19M
21	13	4820-01-288-0882	81718	D18M AND D19M
21	14		81718	H-664-RB
21	15		81718	E2AG
22	1	5430-01-106-9678	81349	M53029-20
23	1		97403	13225E9091
24	1	4730-01-064-0560	96906	MS49000-17
24	2	5330-00-899-4509	96906	MS27030-9
24	3	4720-01-163-4684	97403	13225E9135-2
24	4	5330-00-612-2414	96906	MS27030-6
24	5	4730-00-088-9285	96906	MS27026-11
24	6	5330-00-612-2414	96906	MS27030-6
25	1	4320-00-542-3347	97403	2-125-50-G
26	1	4730-00-938-7997	96906	MS27022-11
26	2	4720-01-163-5088	97403	13225E9136-1
26	3	5330-00-612-2414	96906	MS27030-6
26	4	4730-01-186-0821	96906	MS549000-19
26	5	5330-00-612-2414	96906	MS27030-6
26	6	4730-00-088-9286	96906	MS27024-17
26	7	5330-00-899-4509	96906	MS27030-9
26	8		81348	WW-N-351
27		4610-00-937-6862	31922	1955-1
27	1		09680	D-239388
27	2		09680	A 813933
28	1		09680	D-239381
28	2		31922	416-3391-001
28	3		09680	KF06-04PS
28	4		09680	KF06-06PS

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
28	5	09680		D-239386
29	1	09680		D-239385
29	2	31922		416-3391-001
29	3	30327		KF06-04PS90
29	4	09680		D-239386
29	5	81349		MS49000
30		09680		D-239384
30	1	31922		416-3391-001
30	2	09680		KF06-08PS
30	3	09680		D-239386
30	4	09680		D-814313
30	5	09680		D-814314
30	6	09680		D-814323
30	7	09680		S-3
30	8	09680		S-5
30	9	09680		S-4
30	10	09680		S-8
31	1	09680		D-239382
31	2	96906		MS35842-10
31	3	09680		KF12-08PS
31	4	09680		B-712
32	1	09680		D-239386
33		09680		D-239383
33	1	31952		500S
33	2	09680		D-814358
33	3	09680		D-814328
33	4	09680		D-814327
33	5	09680		D-814309
33	6	31922		416-3391-001
33	7	09680		D-239386-2
33	8	09680		KF06-04PS
33	9	14448		1B415-114
34		09680		A-239321
34	1	09680		5
34	2	31922		VM8793
34	3	09680		D-805711-1
34	4	09680		V-8764-B
34	5	09680		D-814329
34	6	09680		AX-319
34	7	31922		A326
34	8	09680		OAX-332
34	9	09680		A-330-1
34	10	31922		A-93
34	11	09680		A-48
34	12	09680		D-314336
34	13	09680		D-814339
34	14	09680		OA-347
34	15	09680		AX-327
34	16	09680		D-814330
34	17	09680		D-213614
34	18	09680		C-289

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
34	19	09680		D-814331
34	20	09680		5133-18
34	21	09680		C-290
34	22	09680		C-273-P9
34	23	09680		C-228-P9T
34	24	09680		D-814334
34	25	09680		D-814326
34	26	09680		CX-271-1
34	27	09680		C-287
34	28	09680		C-277
34	29	09680		A-339
34	30	09680		A-335
34	31	09680		D-814335
34	32	09680		A-338
34	33	31922		DS46-37
34	34	09680		D-814332
34	35	09680		A-337
34	36	09680		A-336
34	37	09680		A-334
34	38	09680		A-333
34	39	31922		C278
34	40	09680		OAX-325
35		09680		D-239389
35	1	09680		417-0061-723
35	2	09680		AX-265-2
35	3	09680		417-0057-094
35	4	09680		22032P042
35	5	09680		15609P024
35	6	09680		51031K017
35	7	09680		1025G6031
35	8	09680		51015G6003
35	9	09680		51091P021
35	10	09680		10347P058
35	11	09680		51017G008
35	12	09680		51010P004
35	13	09680		51019G6004
35	14	09680		51034P002
35	15	09680		51032P045
35	16	09680		51210G001
35	17	09680		51033P002
35	18	09680		51068P102
35	19	09680		51023P033
36		31922		B-239387
36	1	31922		G856-6
36	2	31922		G855
36	3	31922		D-806515-3
36	4	31922		D-812699-1
36	5	09680		G-1197-3
36	6	31922		F-921-1
36	7	09680		D-239386
36	8	09680		D-814352

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
36	9		31922	F-11
36	10		09680	B-805285-2
36	11		09680	OF-726-V
36	12		09680	D-814353
36	13		09680	D-814397
36	14		09680	D-814354
36	15		09680	D-813172
36	16		31922	188672-42
36	17		09680	D-813205
36	18		09680	D-814316
36	19		31922	H-18-1
36	20		09680	D-813212
36	21		09680	D-813672
36	22		31922	DS46-134
36	23		09680	D-813173
36	24		31922	F721
36	25		09680	D-814317
36	26		09680	DN-275
36	27		09680	A-813003
37			09680	A-239375
37	1		09680	417-0022-046
37	2		09680	417-0037-057
37	3		09680	A-239375-12
37	4		09680	417-0022-026
37	5		09680	417-0036-024
37	6		09680	417-0037-056
37	7		09680	417-0052-127
37	8		09680	C-239372
37	9		09680	416-3309-090
37	10		09680	416-3301-010
37	11		09680	416-3312-006
37	12		09680	416-3309-055
37	13		09680	416-3311-006
37	14		09680	416-3301-011
37	15		09680	C-239374
37	16		09680	C-239373
37	17		09680	045
38			09680	B-239370
38	1		96906	MS51967-8
38	2		80204	MS90728-62
38	3		96906	MS51955-74
38	4		96906	MS35691-33
38	5		09680	D-813972
38	6		31922	D-813968
38	7		31922	DS-46-145
38	8		31922	C-813971
38	9		31922	C-813969
38	10		31922	C-813970
38	11		31922	D-813967
38	12		09680	B-813973
38	13		31922	D-814234

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
38	14		31922	D-239398
38	15		31922	D-813988
38	16		09680	C-813966
39	1		09680	A-239376
40	1		79172	A-506131
40	2	4610-01-250-3724	31922	1955-3
41	1	4730-00-840-0797	96906	MS27022-17
41	2	4720-01-138-8986	97403	13225E9136-2
41	3	5330-00-612-2414	96906	MS27030-6
41	4	4730-01-068-5070	81718	319-K-2IN
41	5	5330-00-612-2414	96906	MS27030-6
42	1	4820-00-810-4250	82666	B120-2IN
43	1	4730-01-192-1624	96906	MS49002-9
43	2	5330-00-612-2414	96906	MS27030-6
43	3		81718	25-W
44	1		81718	13219E0491
44	2	5330-00-612-2414	96906	MS27030-6
45	1	4730-00-915-5127	96906	MS27029-11
46	1	2910-01-188-8198	81718	190-GW
47			97404	13225E9140
47	1		96906	MS870006-33
47	2		19099	RR-C-271-A
47	3	5315-00-839-5820	96906	MS24665-134
47	4	5315-00-812-1236	96906	MS20392-3C35
47	5		97403	13225E9146
47	6		97403	13225E9145
48	1	4610-01-117-8271	81349	MIL-B-273
49	1		97403	13216E9016
49	2	6630-01-336-9215	97403	13200E7400
49	3		97403	13200E7402
49	4		97403	13200E7417
49	5		97403	13200E7416
49	6		81348	FF-S-92
49	7		97403	13200E7401
49	8		97403	13200E7415
50	1	4730-00-951-3297	96906	MS49000-11
50	2	5330-00-612-2414	96906	MS27030-6
50	3	4730-00-951-3295	96906	MS49000-5
50	4	5330-00-612-2414	96906	MS27030-6
51	1	3835-01-187-1556	97403	13226E1576
52		3835-01-195-1901	81349	MIL-S-53012
52	1		39428	3825T33
52	2		80535	699-0834
52	3	5340-01-066-3966	75535	S223-1-2X12
52	4		80535	543-0835
52	5	4030-01-206-5035	97403	13225E9188
52	6		39428	3197T12
52	7	4010-01-295-3091	39428	3440T213
52	8		80535	626-0107
52	9	4730-01-333-1899	97403	13226E1570
52	10	3820-01-359-0869	97403	13225E9189

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
52	11		81348	PPP-B-636
53		3835-01-199-4014	97403	13226E1577
53	1		97403	13225E9198
53	2		79154	C-060-078-PES
53	3		79154	G-060-077-OEO
53	4		97403	13226E1580
53	5		81348	WW-C-633-13-B
53	6		97403	13228E9872-18
53	7		81349	M10388-A08AD1C6A
53	8	3835-01-361-5682	97403	13226E1579
53	9		79154	C-080-078-PES
53	10		79154	G-080-077-OEO
53	11		89117	GL-1
53	12		81348	WW-C-633-10-B
53	13	4730-01-178-0317	81349	M10388-A05AK1C
53	14	4730-01-176-5772	81349	M10387-1-D-11
53	15		79154	C-060-791-AEB
53	16		98752	8524111-01
53	17		81348	WW-V-35
53	i8		63317	100-04-011
54	1		06550	LH300A
55	1	3835-01-199-4015	97403	13226E1571
55	2		63317	100-04-011
56	1		97403	13225E9186
56	2	5310-00-768-0318	21439	01857-007
56	3	5310-00-809-5997	96906	MS27183-17
56	4	5305-00-071-2079	80204	B1821BH050C400N
57	1	5340-01-359-5640	97403	13225E9187
57	2	5310-00-768-0318	21439	01857-007
57	3	5310-00-809-5997	96906	MS27183-17
57	4	5305-00-071-2079	80204	B1821BH050C400N
58	1	4610-01-355-8567	97403	13226E1572
58	2	5310-00-088-1251	96906	MS51922-1
58	3	5310-00-809-4058	96906	MS27183-10
58	4	5306-00-057-2507	96906	MS35751-21
58	5		97403	13226E1583
58	6		97403	13226E1584
58	7	5305-00-071-2513	80204	B1821BHO25C25CON
58	8	5310-00-768-0318	21439	01857-007
58	9	5310-00-809-5998	96906	MS27183-18
58	10	5306-00-141-7179	96906	MS27950-8
58	11		97403	13226E1574
58	12		97403	13226E1573
59	1	5310-00-768-0318	21439	01857-007
59	2	5306-00-141-7179	96906	MS27950-8
59	3		81349	MIL-H-904
60	1	4730-01-199-4016	97403	13226E1581
60	2		63317	100-04-011
60	3	5120-01-114-5499	90617	016BP
60	4		03914	69-490
60	5	5120-00-222-8852	80063	SCC539502-2

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	CAGEC	
60	6		81348	GGG-W-641
60	7		81348	GGG-W-641
60	8		03914	70-865
60	9		78735	00-106
60	10		81348	GGG-P-471
60	11		43786	00136
60	12	5350-00-584-4654	81348	P-C-1673
60	13		29891	60870
60	14		70847	L-290
60	15	3540-00-445-3325	70847	COO1
60	16		75206	K-20/20
60	17		19099	53027-15AR
60	18		79154	P-P69-791-Z-OB
60	19	4730-01-176-5772	81349	M10387-1-D-11
60	20		79154	C-060-791-AEB
60	21		79154	G-060-077-OEO
60	22		81349	M10387AD11
60	23	4730-01-359-7166	97403	13226E1581-15
60	24		19099	MABZZ
60	25		98752	8524111-01
60	26		79154	STYLE 482
60	27		79154	STYLE 480
60	28		79154	STYLE 484
60	29		79154	STYLE 484
60	30		79154	STYLE 484
60	31		79154	STYLE 483
60	32		79154	STYLE 483
60	33		79154	STYLE 483
60	34		81348	GGG-W-641
60	35		81348	GGG-W-641
60	36		81346	ASTM A-449 9/16B
60	37		81346	ASTM A-44911/16B
60	38		81346	ASTM A-449 9/16N
60	39		81346	ASTM A-44911/16N
61	1	3940-01-199-4010	97403	13226E1582
61	2	5310-00-838-1702	96906	MS35691-57
61	3	5310-00-763-8921	96906	MS51967-23
61	4	5310-00-809-8533	96906	MS27183-23
61	5		97403	13212E7103
61	6		97403	13212E7104
61	7		90598	25031-101
61	8		90598	25031-100
62	1		90598	13226E1582-20
62	2	5310-00-838-1702	96906	MS35691-57
62	3	5310-00-763-8921	96906	MS51967-23
62	4		96906	MQ27183-23
62	5		97403	13212E7103
62	6		90598	13212E7104-20
62	7		90598	25031-102
62	8		90598	25031-100
63	1	4730-01-176-5772	81349	M10387-1-D-11

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		
		STOCK NUMBER	CAGEC	PART NUMBER
63	2		79154	A-060-077-OEO
63	3		79154	C-060-791-AEB
63	4		79154	P-P69-791-Z-OB
63	5		79154	G-060-077-OEO

By Order of the Secretary of the Army

Official

GORDON R SULLIVAN
General, United States Army
Chief of Staff

MILTON H HAMILTON
Administrative Assistant to the
Secretary of the Army

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25-E, block no. 6157, requirements for TM 10-4320-303-23P.

The Metric System and Equivalents

Linear Measure

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

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigram = .035 ounce
 1 decagram = 10 grams = .35 ounce
 1 hectogram = 10 decagrams = 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	kilometers	yards	1.094
square inches	square centimeters	6.451	square centimeters	miles	.621
square feet	square meters	.093	square meters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square kilometers	square yards	1.196
acres	square hectometers	.405	square hectometers	square miles	.386
cubic feet	cubic meters	.028	cubic meters	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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