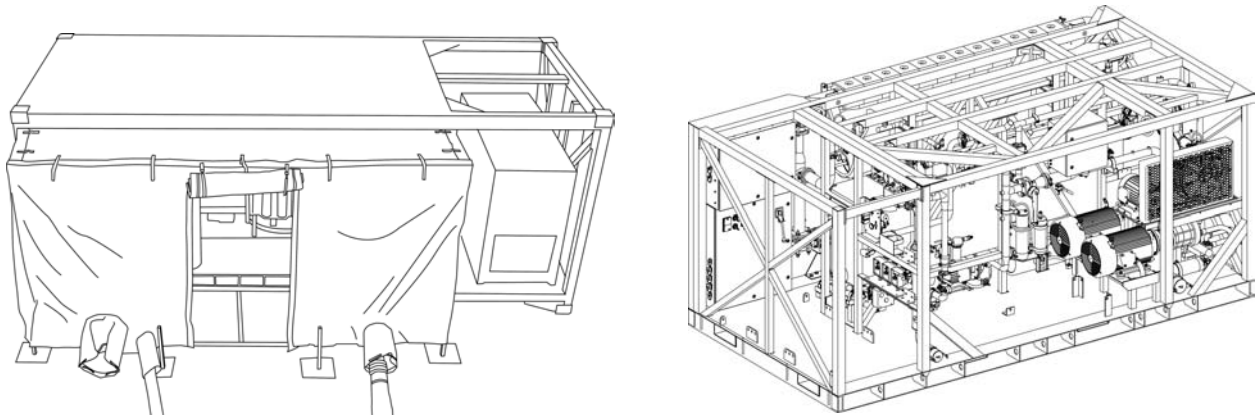


ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2

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## TECHNICAL MANUAL

# UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR TACTICAL WATER PURIFICATION SYSTEM ARMY NSN 4610-01-488-9656 MARINE CORPS NSN 4610-01-488-6961



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MAY 2005

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Date of issue for the original manual is:

Original . . . 0 . . . 1 May 2005

**TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 8 AND TOTAL NUMBER OF  
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HEADQUARTERS,  
DEPARTMENT OF THE ARMY  
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WASHINGTON, DC  
1 MAY 2005

## TECHNICAL MANUAL

**UNIT, DIRECT AND GENERAL SUPPORT  
MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
FOR  
TACTICAL WATER PURIFICATION SYSTEM  
ARMY NSN 4610-01-488-9656  
MARINE CORPS NSN 4610-01-488-6961**

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**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
INTRODUCTION**

---

**0001 00**

**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 Operator/Crew, Unit, and Direct Support maintenance of the Tactical Water Purification System (TWPS). It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

**GENERAL**

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. Repair Parts List Work Packages. Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include 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. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair parts kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.

2. Special Tools List Work Packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.

3. Cross-Reference Indexes Work Packages. There are two cross-reference indexes work packages in this RPSTL: The National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number.

**EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST  
WORK PACKAGES**

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

**SMR CODE** (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
INTRODUCTION**

**0001 00**

**Source Code**

XX

1<sup>st</sup> two positions: How to get an item.

**Maintenance Code**

XX

3<sup>rd</sup> position: Who can install, replace, or use the item.

**Recoverability Code**

X

5<sup>th</sup> position: Who determines disposition action on unserviceable items.

4<sup>th</sup> position: Who can do complete repair\* on the item.

\*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.

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

**Source Code**

**Application/Explanation**

PA  
PB  
PC  
PD  
PE  
PF  
PG

Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level 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 level 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/AVIM level  
MH-Made at GS level  
ML-Made at SRA  
MD-Made at depot

Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the 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 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 level  
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 of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
INTRODUCTION**

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**0001 00**

<u>Source Code</u>	<u>Application/Explanation</u>
XA	Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
XB	If an item is not available from salvage, order it using the CAGEC and P/N.
XC	Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.
XD	Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and P/N 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 items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.**

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:

Third Position. 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:

<u>Maintenance Code</u>	<u>Application/Explanation</u>
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.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).



**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
INTRODUCTION**

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**0001 00**

**NOTE**

**Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.**

<b><u>Maintenance Code</u></b>	<b><u>Application/Explanation</u></b>
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 (SRA) is the lowest level that can do complete repair of the item.
D	Depot is the lowest level that can do complete repair of the item.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

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

<b><u>Recoverability Code</u></b>	<b><u>Application/Explanation</u></b>
Z	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
O	Reparable item. When uneconomically repairable, condemn and dispose of the item at the unit level.
F	Reparable item. When uneconomically repairable, condemn and dispose of the item at the direct support 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 are 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 (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
INTRODUCTION**

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**0001 00**

NSN (Column (3)). The NSN for the item is listed in this column.

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

PART NUMBER (Column (5)). 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 P/N from the number listed.**

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required, a minimum description to identify the item.
2. P/Ns of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.
4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). 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 quantity may change from application to application.

**EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS**

1. National Stock Number (NSN) Index Work Package.

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. NSN When using this column to locate an (e.g., 5385-01-574-1476) item, ignore the first four digits of NIIN the NSN. However, the complete NSN should be used when ordering items by stock number.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

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.

2. Part Number (P/N) Index Work Package. P/Ns in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations 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).

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
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**0001 00**

PART NUMBER Column. Indicates the P/N assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.”

**SPECIAL INFORMATION**

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC: ..." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of the UOCs used in the RPSTL are:

<u>Code</u>	<u>Used On</u>
TWA	Model A-TWPS
TWM	Model MC-TWPS

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk material are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in: Not Applicable.

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 NSN / P/N index work packages and the bulk material list in the repair parts list work package.

Associated Publications. The publication(s) listed below pertains to the A-TWPS and MC-TWPS:

<u>Publication</u>	<u>Short Title</u>
TM 10-4610-309-14	Operator, Unit, and Direct Support Operation and Maintenance Manual for Tactical Water Purification System
TM 10-4610-309-24P	Repair Parts and Special Tools List for Tactical Water Purification System
TM 9-6115-645-10	Operator Manual for Generator Set, Skid Mounted, Tactical Quiet, 60kW, 50/60 Hz
TM 9-6115-645-24	Unit, Direct Support, and General Support Maintenance Manual for Generator Set, Skid Mounted, Tactical Quiet, 60kW, 50/60 Hz
TM 9-6115-645-24P	Unit, Direct Support, and General Support Maintenance Repair Parts and Special Tools List for Generator Set, Skid Mounted, Tactical Quiet, 60kW, 50/60 Hz
TM 10-6630-222-12&P	Operator and Unit Maintenance Manual (Including Repair Parts and Special Tools List) for Water Quality Analysis Set: Purification (WQAS-P)
TM 10-5430-237-12&P	Operator and Unit Maintenance Manual (Including Repair Parts and Special Tools List) for Tank, Fabric, Collapsible, Water Storage, 3000 Gallons

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
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0001 00

Illustrations List. The illustrations in this RPSTL contain unit and direct support authorized items. The tabular list in the repair parts list work package contains only those parts coded "O" and "F" in the third position of the SMR code, therefore, there may be a break in the item number sequence.

**HOW TO LOCATE REPAIR PARTS**

1. When NSNs or P/Ns Are Not Known.

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

Second. Find the figure covering the functional group or the subfunctional group to which the item belongs.

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

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When P/N Is Known.

First. If you have the P/N and not the NSN, look in the PART NUMBER column of the P/N index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

**END OF WORK PACKAGE**

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
RAW WATER SYSTEM

0002 00

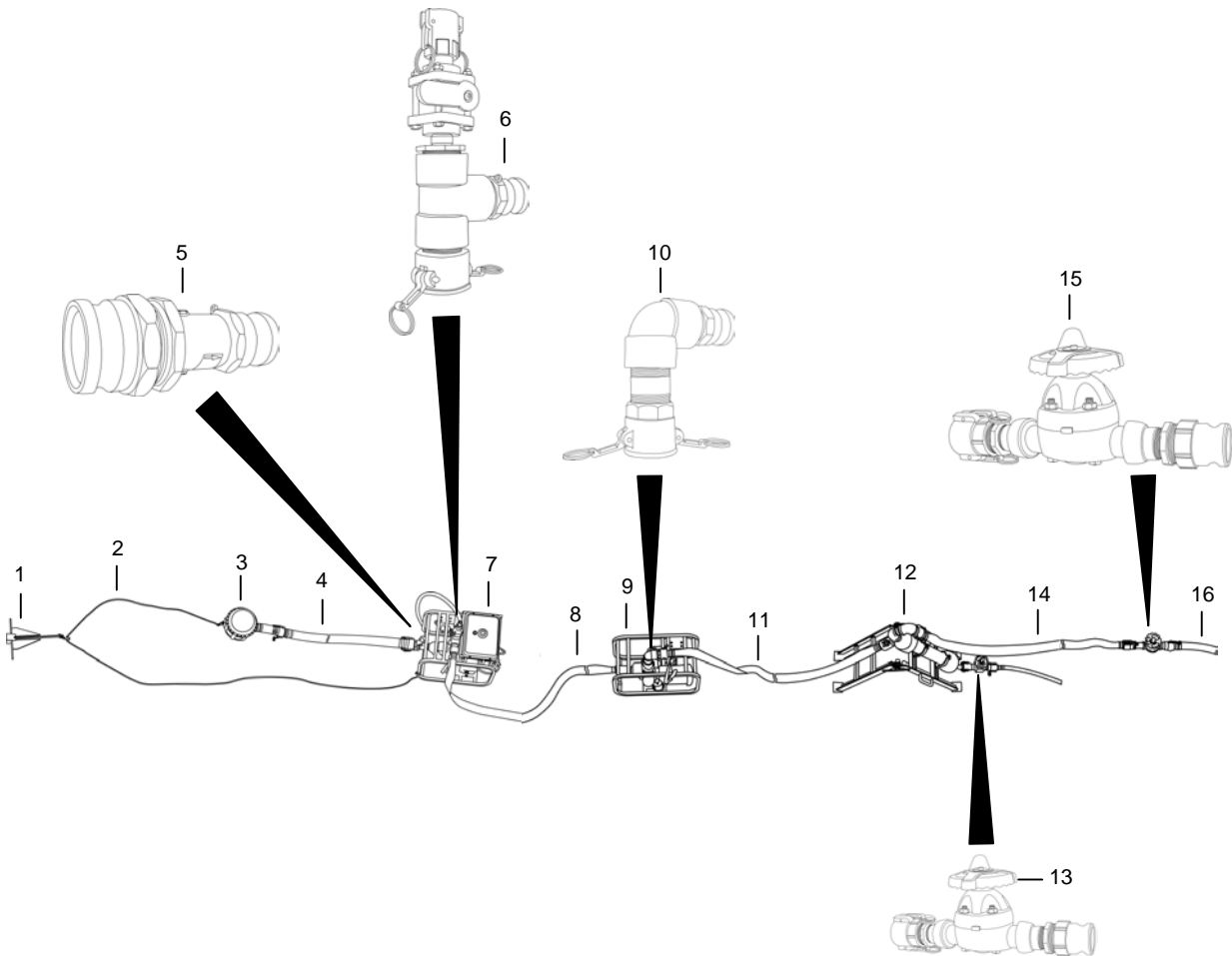


Figure 1. Raw Water System.

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MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
RAW WATER SYSTEM  
REPAIR PARTS LIST**

**0002 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 1 RAW WATER SYSTEM						
1	XBOZZ		1B1X2	110091	ANCHOR, MARINE, FLUKE .....	1
2	PBOOO	4020-01-526-0755	0U5N7	33901146	ASSY, ANCHOR ROPE.....	1
3	XBOOO		0U5N7	33901160	STRAINER, FLOATING INLET .....	1
4	PBOOO	4720-01-526-0756	0U5N7	33901096-1	ASSY, HOSE F01 .....	13
5	PBOZZ	4730-01-526-0681	0U5N7	33901085	ASSY, ADAPTOR A01 .....	1
6	PBOOO	4820-01-526-5911	0U5N7	33901086	ASSY, ADAPTOR A02 .....	1
7	XBOFF		0U5N7	33901104	ASSY, PUMP P-1 .....	1
8	PBOOO	4720-01-526-0800	0U5N7	33901096-4	ASSY, HOSE F03 .....	4
9	XBOFF		0U5N7	33901106	ASSY, PUMP P-2 .....	1
10	PBOOO	4730-01-526-0829	0U5N7	33901087	ASSY, ADAPTOR A04 .....	1
11	PBOOO	4720-01-526-2865	0U5N7	33901096-2	ASSY, HOSE F02 .....	1
12	XBOOO		0U5N7	33901084	SEPARATOR, CYCLONE (CS-1) .....	1
13	PBOOO	4820-01-526-0795	0U5N7	33901089	ASSY, ADAPTOR A03 .....	1
14	PBOOO	4720-01-526-1036	0U5N7	33901096-3	ASSY, HOSE F04 .....	1
15	PBOOO	4820-01-526-1034	0U5N7	33901088	ASSY, ADAPTOR A05 .....	1
16	PBOZZ	4720-01-526-1040	0U5N7	33901090-1	ASSY, HOSE F06 .....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
RAW WATER SYSTEM

0002 00

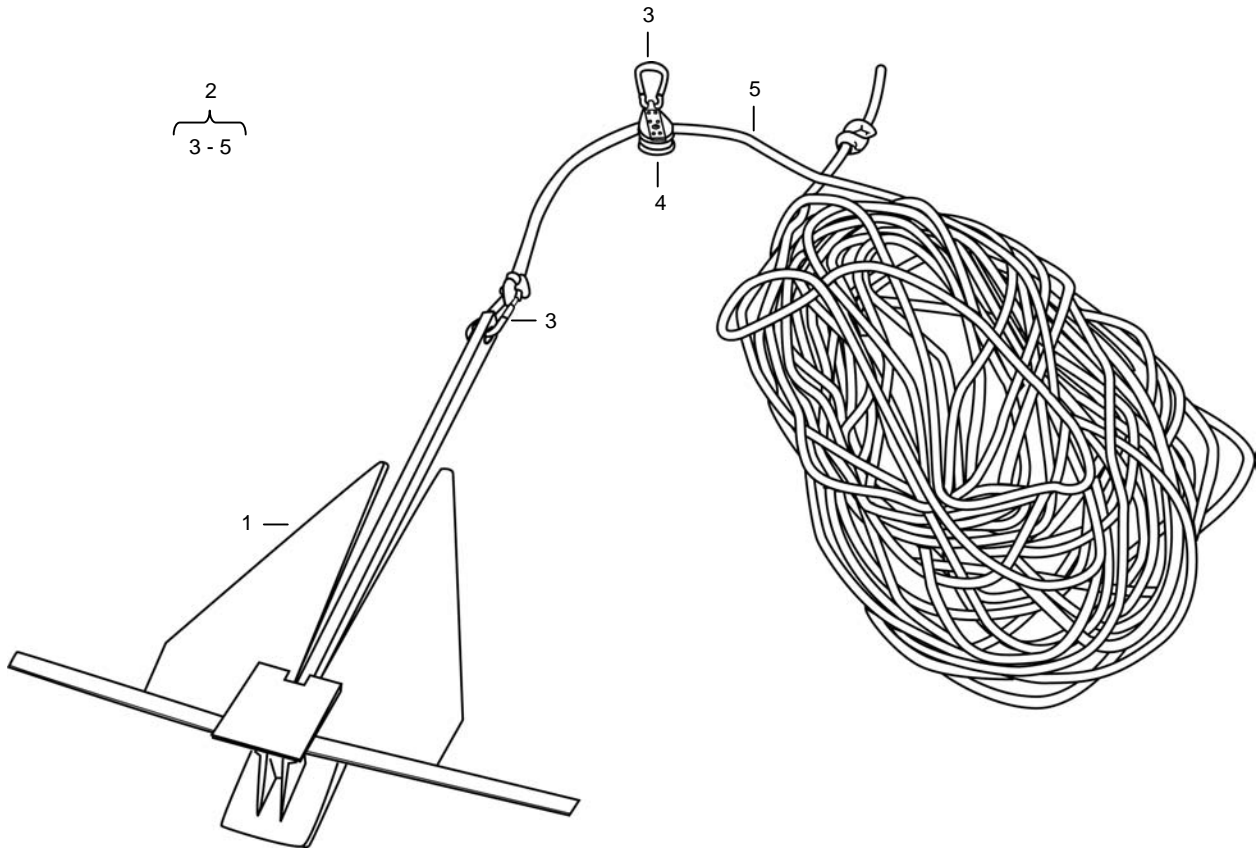


Figure 2. Anchor Rope Assembly.



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**GROUP 01 RAW WATER SYSTEM  
RAW WATER SYSTEM  
REPAIR PARTS LIST**

**0002 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 2 ANCHOR ROPE ASSEMBLY						
1	XBOZZ		1B1X2	110091	ANCHOR, MARINE, FLUKE .....	1
2	PBOOO	4020-01-526-0755	0U5N7	33901146	ASSY, ANCHOR ROPE .....	1
3	PAOZZ	4010-01-449-1951	39428	3712T33	. LINK, CHAIN, DETACHABLE .....	2
4	PAOZZ	4030-01-526-4137	1B1X2	196295	. BLOCK, SINGLE .....	1
5	MOOZZ		9L134	415-120-68	. ROPE, NYLON, BRAIDED .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
RAW WATER SYSTEM

0002 00

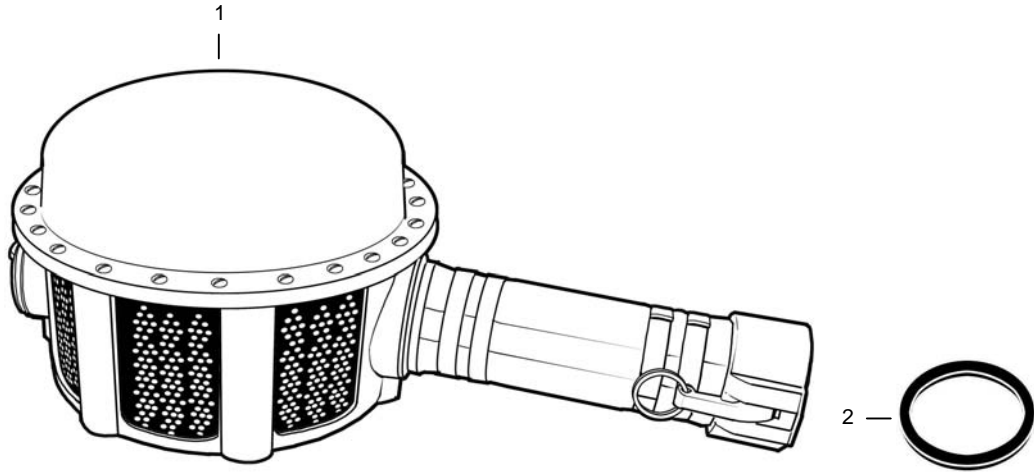


Figure 3. Suction Strainer.

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**GROUP 01 RAW WATER SYSTEM  
RAW WATER SYSTEM  
REPAIR PARTS LIST**

**0002 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 RAW WATER SYSTEM FIGURE 3 SUCTION STRAINER	
1	XBOOO		0U5N7	33901160	STRAINER, SUCTION .....	1
2	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS

0003 00

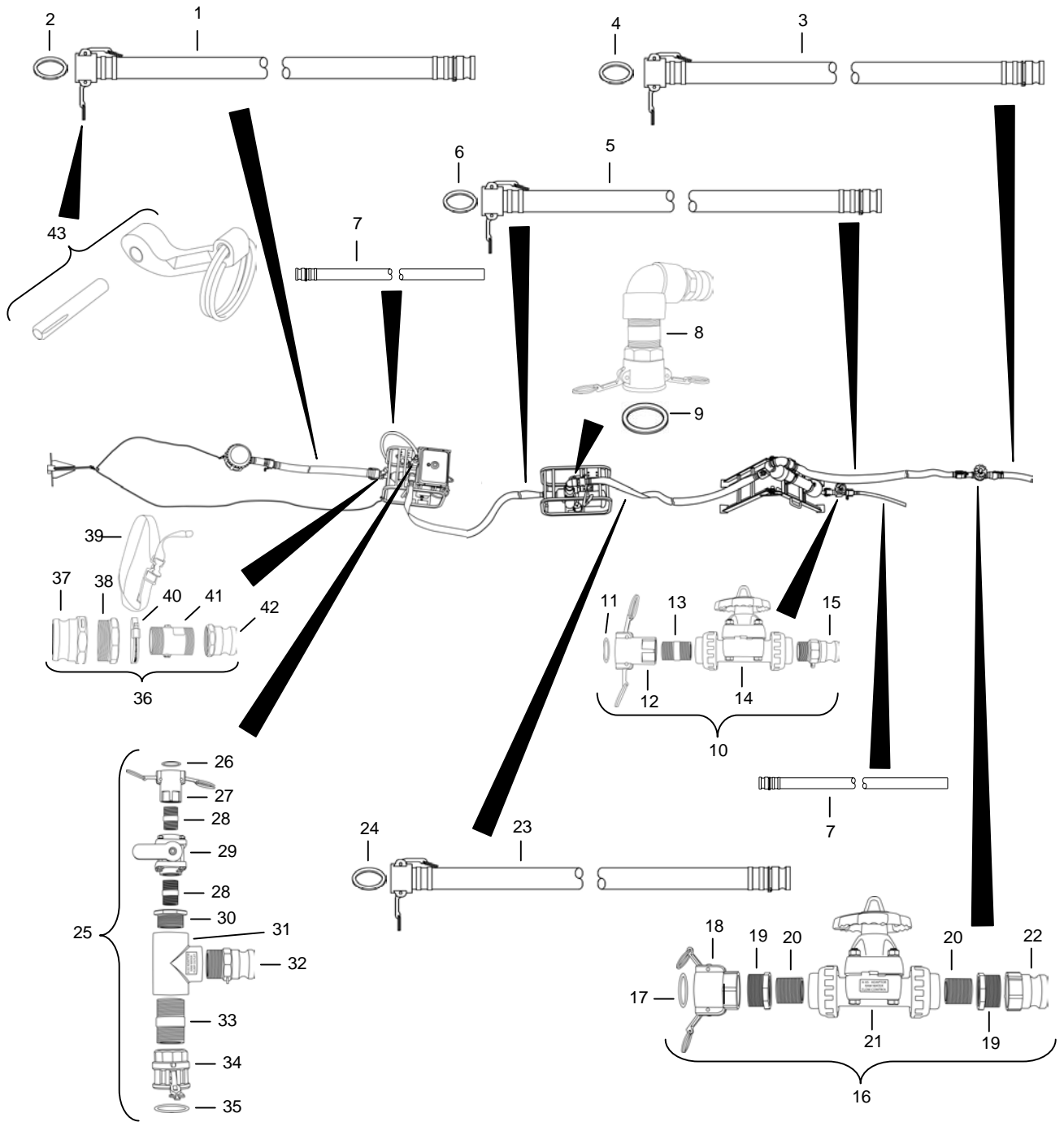


Figure 4. Hose Assemblies and Adaptors.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS  
REPAIR PARTS LIST**

**0003 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 4 HOSE ASSEMBLIES AND ADAPTORS						
1	PBOOO	4720-01-526-0756	0U5N7	33901096-1	ASSY, HOSE F01 .....	13
2	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET .....	1
3	PBOOO	4720-01-526-1036	0U5N7	33901096-3	ASSY, HOSE F04 .....	1
4	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
5	PBOOO	4720-01-526-0800	0U5N7	33901096-4	ASSY, HOSE F03 .....	4
6	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
7	PBOZZ	4720-01-526-1040	0U5N7	33901090-1	ASSY, HOSE F06 .....	2
8	PBOOO	4730-01-526-0829	0U5N7	33901087	ASSY, ADAPTOR A04 .....	1
9	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
10	PBOOO	4820-01-526-0795	0U5N7	33901089	ASSY, ADAPTOR A03 .....	1
11	PAOZZ	5330-01-526-5279	33813	NW2	. GASKET .....	1
12	PAOOO	4730-01-526-5252	33813	10D-FDAPOLY	. COUPLER .....	1
13	PAOZZ	4730-01-526-5276	1PHN1	884C-020	. NIPPLE, PIPE .....	1
14	PBOZZ	4820-01-526-9778	1PHN1	1545010	. VALVE .....	1
15	PAOZZ	4820-01-526-5261	33813	10F-SS	. ADAPTER .....	1
16	PBOOO	4820-01-526-1034	0U5N7	33901088	ASSY, ADAPTOR A05 .....	1
17	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
18	PAOOO	4730-01-526-5253	33813	20D-FDAPOLY	. COUPLER .....	1
19	PAOZZ	4730-01-357-9121	39428	4589K81	. BUSHING, REDUCER .....	2
20	PAOZZ	4730-01-526-4641	1PHN1	886C-005	. NIPPLE, PIPE .....	2
21	PBOZZ	4820-01-526-4630	1PHN1	1545015	. VALVE .....	1
22	PAOZZ	4730-01-526-4644	33813	20A-FDAPOLY	. ADAPTER .....	1
23	PBOOO	4720-01-526-2865	0U5N7	33901096-2	ASSY, HOSE F02 .....	1
24	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
25	PBOOO	4820-01-526-5911	0U5N7	33901086	ASSY, ADAPTOR A02 .....	1
26	PAOZZ	5330-01-349-8921	33813	NW2	. GASKET .....	1
27	PAOOO	4730-01-526-5252	33813	10D-FDAPOLY	. COUPLER .....	1
28	PAOZZ	4730-01-526-5275	1PHN1	884C-020	. NIPPLE, PIPE .....	2
29	PBOZZ	4820-01-526-5916	1PHN1	V100	. VALVE .....	1
30	PAOZZ	4730-01-526-5917	1PHN1	839-249C	. BUSHING, REDUCER .....	1
31	PAOZZ	4730-01-526-5267	1PHN1	805C-020	. TEE .....	1
32	PAOZZ	4730-01-526-5258	33813	20F-SS	. ADAPTER .....	1
33	PAOZZ	4730-01-526-5276	39428	46825K71	. NIPPLE, PIPE .....	1
34	PAOOO	4730-01-526-5248	33813	20DSL-SS	. COUPLER .....	1
35	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
36	PBOOO	4730-01-526-0681	0U5N7	33901085	ASSY, ADAPTOR A01 .....	1
37	PAOZZ	4730-01-526-4146	33813	30A-SS	. ADAPTER .....	1
38	PAOZZ	4730-01-526-4149	39428	4443K739	. BUSHING, REDUCER .....	1
39	PAOZZ	4210-01-526-4166	77570	P57026	. STRAP/BUCKLE ASSEMBLY .....	1
40	PAOZZ	4730-01-526-4183	39428	45945K17	. CLAMP, HOSE .....	1
41	PBOZZ	4820-01-526-4151	66234	2-5000-PVDF	. VALVE, CHECK .....	1
42	PAOZZ	4730-01-494-9730	33813	20A-SS	. ADAPTER .....	1
43	PAOZZ	5340-01-526-0676	33813	HBS30/40/50	CAM ASSEMBLY .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

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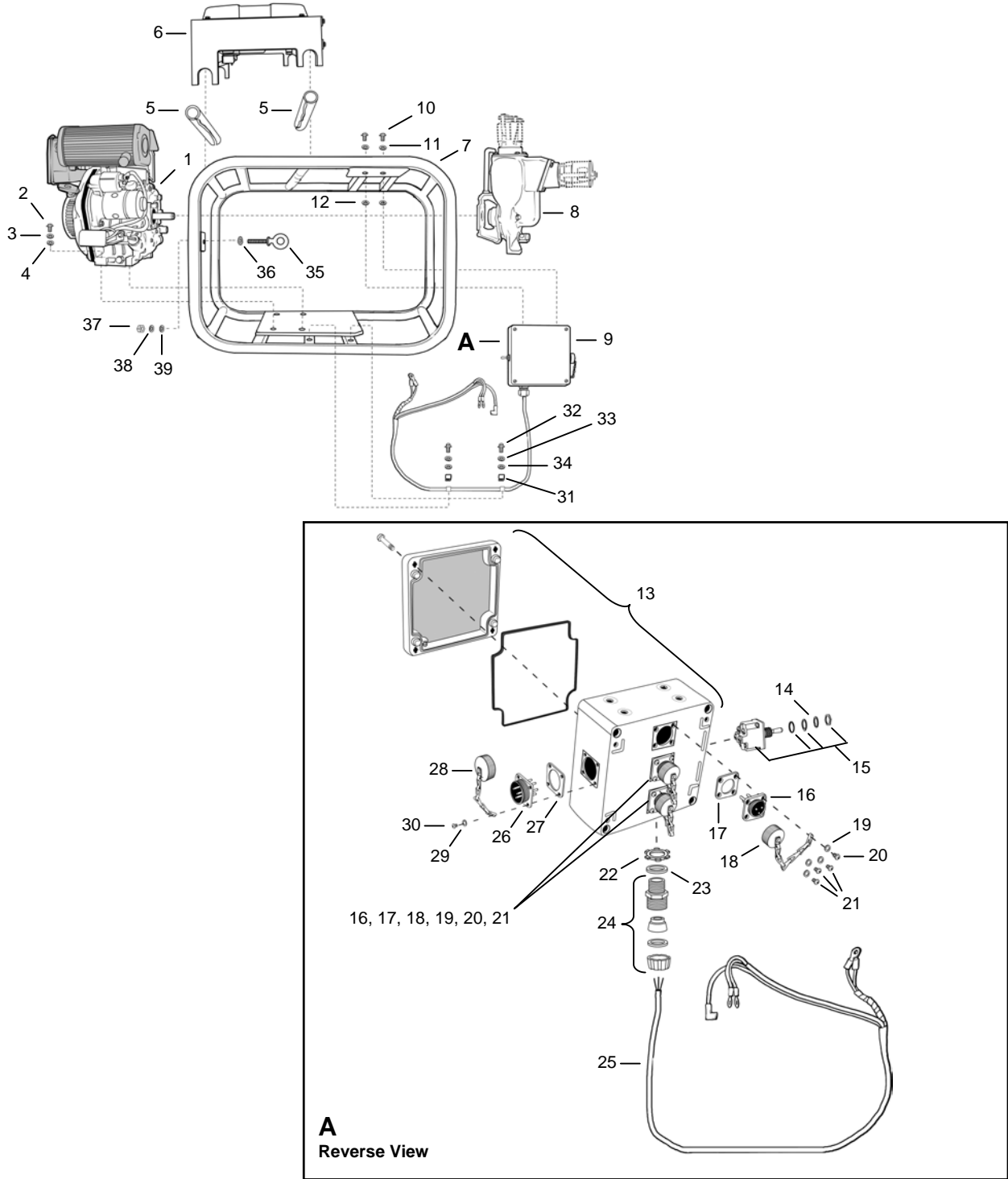


Figure 5. Diesel Engine Pump Assembly P-1.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 5 DIESEL ENGINE PUMP ASSEMBLY P-1						
1	PBOFF	2815-01-526-5038	0AK42	L48EE-DE-SFA	ENGINE, DIESEL .....	1
2	PAOZZ	5305-01-526-0747	39428	93190A628	. SCREW, CAP, HEX .....	4
3	PAOZZ	5310-00-984-7042	03670	14929	. WASHER, LOCK .....	4
4	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	4
5	MOOZZ	4720-01-166-3356	24161	28413	HOSE, NON-METALLIC .....	2
(MAKE FROM BULK MATERIAL. CUT TO LENGTH 18 IN.)						
6	XBOOO		0U5N7	33901122	FUEL TANK ASSEMBLY .....	1
7	XBOFF		0U5N7	33901017	FRAME .....	1
8	PBOOO	4320-01-526-4622	76122	33595	PUMP, CENTRIFUGAL .....	1
9	PBOOO	5975-01-526-0757	0U5N7	33901105	ASSY, JUNCTION BOX .....	1
10	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	4
11	PAOZZ	5310-01-486-6770	39428	93783A029	. WASHER, SEAL .....	4
12	PAOZZ	5331-01-420-2606	39428	90130A029	. O-RING .....	4
13	XBOZZ		0U5N7	33902314	. ENCLOSURE, ELECTRICAL .....	1
14	PAOZZ	5975-01-206-1521	91929	15PA87	. BOOT, DUST AND MOISTURE .....	1
15	PAOZZ	5930-00-660-3947	96906	MS24524-27	. SWITCH, TOGGLE .....	1
16	PAOZZ	5935-00-636-5041	96906	MS3102E14S-7S	. CONNECTOR, RECEPTACLE .....	3
17	PAOZZ	5330-00-795-0441	77820	10-40450-14	.. GASKET .....	1
18	PAOZZ	5935-01-181-6651	96906	MS25043-14DA	.. COVER, RECEPTACLE .....	1
19	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
20	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	1
21	PAOZZ	5305-00-054-5649	96906	MS51957-15	.. SCREW, MACHINE .....	3
22	PAOZZ	5975-00-152-1075	56501	141	. LOCKNUT, ELECTRICAL .....	1
23	PAOZZ	5331-00-588-0892	56501	5262	. O-RING .....	1
24	PAOZZ	5975-00-296-1669	56501	2521	. BOX CONNECTOR, ELECTRICAL .....	1
25	PBOZZ	6150-01-526-4621	0U5N7	33903051	. CABLE ASSEMBLY, POWER .....	1
26	PAOZZ	5935-00-636-5918	96906	MS3102E16S-5P	. CONNECTOR, RECEPTACLE .....	1
27	PAOZZ	5330-00-946-8344	77820	10-40450-16	.. GASKET .....	1
28	PAOZZ	5935-01-184-7188	96906	MS25043-16DA	.. COVER, RECEPTACLE .....	1
29	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
30	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	4
31	PAOZZ		B1697	N6NY-006C-0-M	CLAMP, LOOP .....	2
32	PAOZZ	5305-00-054-6670	56161	10512677	. SCREW, MACHINE .....	2
33	PAOZZ	5310-00-535-2739	19565	100354-6	. WASHER, LOCK .....	2
34	PAOZZ	5310-00-880-5978	80205	MS15795-807	. WASHER, FLAT .....	2
35	PAOZZ	5330-01-526-4619	39428	30295T14	BOLT, EYE .....	1
36	PAOZZ	5310-00-209-0790	96906	MS35335-63	. WASHER, LOCK .....	1
37	PAOZZ	5310-00-913-8881	97403	13218E0320-293	. NUT, PLAIN, HEX .....	1
38	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	1
39	PAOZZ	5310-00-984-7042	03670	14929	. WASHER, LOCK .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

0004 00

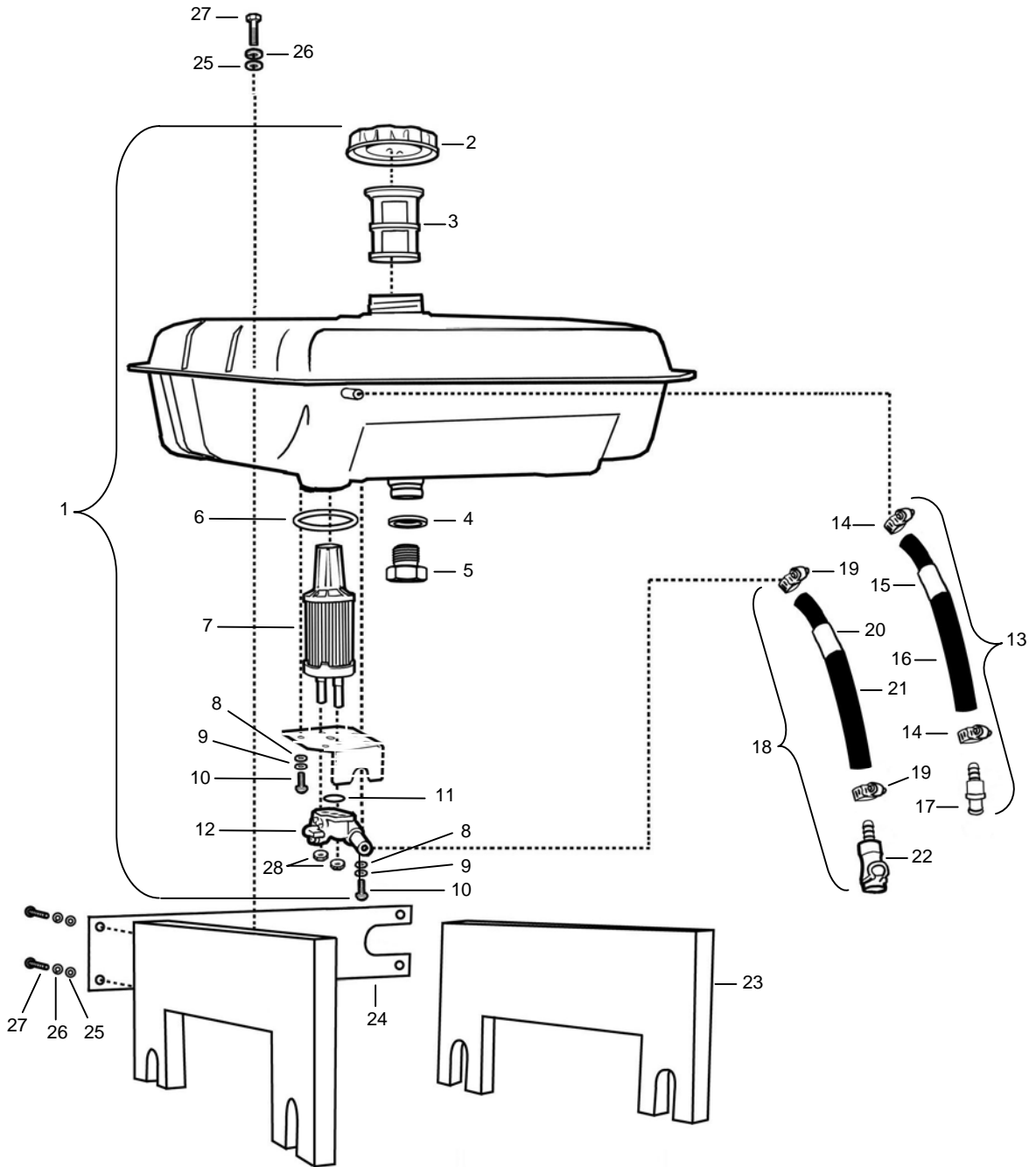


Figure 6. Fuel Tank Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 6 FUEL TANK ASSEMBLY						
1	XBOOO		0U5N7	33902453	TANK, FUEL, ENGINE .....	1
2	PBOZZ	2910-01-416-1681	0AK42	160710-55061	. CAP, FILLER OPENING .....	1
3	PAOZZ	4240-01-328-4878	0AK42	114250-55100	. FILTER, GAS .....	1
4	PAOZZ	5331-01-330-9612	0AK42	23414-120000	. GASKET .....	1
5	PAOZZ	5340-01-323-7785	0AK42	23887-120002	. PLUG, DRAIN .....	1
6	PAOZZ	5331-01-317-6284	0AK42	24311-000400	. O-RING .....	1
7	PAOZZ	2910-01-310-6566	0AK42	114250-55121	. FILTER ELEMENT .....	1
8	PAOZZ	5310-00-763-3413	80205	MS15795-847	. WASHER, FLAT .....	3
9	PAOZZ	5310-01-526-0787	39428	98449A530	. WASHER, LOCK .....	3
10	PAOZZ	5305-01-526-0785	39428	92000A318	. SCREW, MACHINE .....	3
11	PAOZZ	5331-01-325-5810	0AK42	24341-000150	. O-RING .....	1
12	PAOZZ	4820-01-323-5034	0AK42	114250-55301	. COCK, SHUTOFF .....	1
13	PBOOO	4720-01-526-0769	0U5N7	33901174-2	HOSE ASSY, RETURN .....	1
14	PAOZZ	4730-00-871-6729	19207	12273192	. CLAMP, HOSE .....	2
15	MOOZZ		39428	7856K19-YEL	. TUBING, HEAT SHRINK .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 0.1 FT.)	
16	MOOZZ	4720-00-283-6413	24161	27002	. HOSE, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 3 IN.)	
17	PAOZZ	4730-01-526-0780	62661	PLCD22004V	. COUPLING HALF, MALE .....	1
18	PBOOO	4720-01-526-0777	0U5N7	33901173-1	HOSE ASSY, SUPPLY .....	1
19	PAOZZ	4730-00-871-6729	19207	12273192	. CLAMP, HOSE .....	2
20	MOOZZ		39428	7856K19-RED	. TUBING, HEAT SHRINK .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 0.1 FT.)	
21	MOOZZ	4720-00-408-7893	24161	27004	. HOSE, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 5.3 IN.)	
22	PAOZZ	4730-01-526-5157	62661	PLCD17006V	. COUPLING HALF, FEMALE .....	1
23	XBOZZ		0U5N7	33902553	FRAME, TANK, END .....	2
24	XBOZZ		0U5N7	33902403	FRAME, TANK, BACK .....	1
25	PAOZZ	5310-00-880-5977	80205	MS15795-811	WASHER, FLAT .....	8
26	PAOZZ	5310-00-543-2740	80205	MS35333-74	WASHER, LOCK .....	8
27	PAOZZ	5305-00-719-3997	96906	MS35307-303	SCREW, CAP, HEX .....	8
28	PAOZZ	5310-01-388-8826	0AK42	26366-060002	NUT, PLAIN, HEX.....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

0004 00

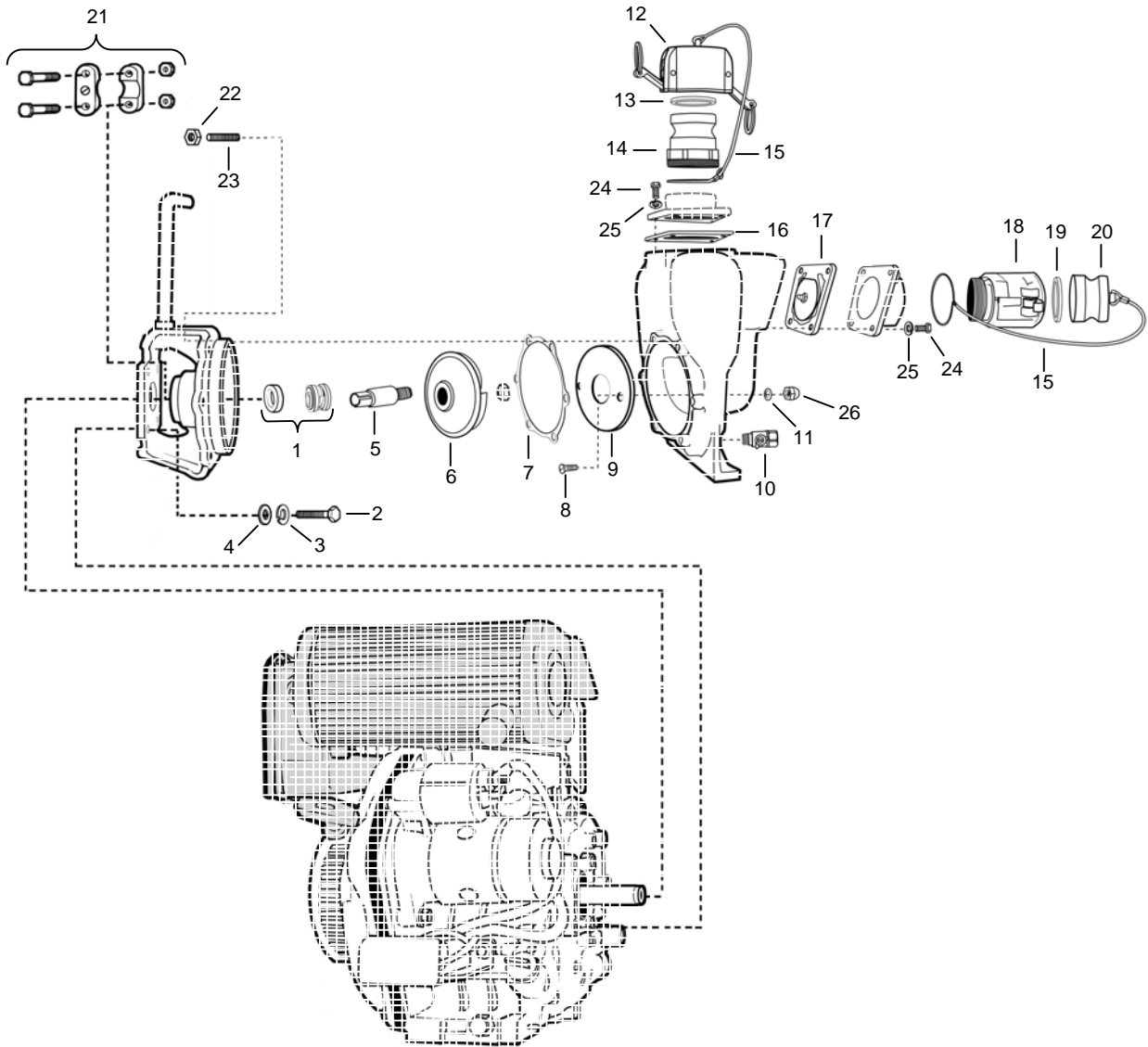


Figure 7. P-1 Centrifugal Pump.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 7 P-1 CENTRIFUGAL PUMP						
1	KFOZZ	4320-01-526-9100	76122	C31796	SEAL ASSEMBLY, PUMP ..... (PART OF KITS P/Ns 33635 AND 33636)	1
2	PAOZZ	5305-01-526-0694	39428	93635A322	SCREW, CAP, HEX .....	4
3	PAOZZ	5310-01-526-0698	39428	92153A429	WASHER, LOCK .....	4
4	PAOZZ	5310-01-526-0692	39428	90965A190	WASHER, FLAT .....	4
5	KFOZZ	3040-01-526-9102	76122	C33592	SLEEVE, DRIVE ..... (PART OF KITS P/Ns 33635 and 33636)	1
6	KFOZZ	4320-01-526-9106	76122	C22294	IMPELLER, PUMP (PART OF KIT P/N 33636) ...	1
7	KFOZZ	5330-01-132-5564	76122	22255	GASKET ..... (PART OF KITS P/Ns 33635 AND 33636)	1
8	KFOZZ	5305-01-526-9251	76122	C21249	SCREW, MACHINE (PART OF KIT P/N 33636) .	2
9	KFOZZ	4320-01-526-9224	76122	C27978	PLATE, WEAR, PUMP ..... (PART OF KIT P/N 33636)	1
10	PAOZZ	4820-01-526-0721	0U5N7	755MFZ1	VALVE, DRAIN .....	1
11	KFOZZ	5330-00-232-8436	76122	21248	GASKET (PART OF KIT P/N 33636) .....	2
12	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	CAP, PROTECTIVE .....	1
13	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
14	XBOZZ		33813	20F-SS	ADAPTER .....	1
15	PAOZZ	4010-01-526-4626	33813	C51	CHAIN, SECURITY .....	2
16	PAOZZ	5330-00-301-6486	76122	22256	GASKET .....	1
17	PAOZZ	4320-00-005-7560	76122	23022	VALVE FLAPPER, PUMP .....	1
18	PBOZZ	4730-01-526-4625	33813	20BSL-SS	COUPLER .....	1
19	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
20	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	PLUG, PROTECTIVE .....	1
21	PBOZZ	5340-01-526-0709	76122	34254	COUPLING CLAMP ASSEMBLY .....	1
22	PAOZZ	5310-01-175-6702	76122	21284	NUT, PLAIN, HEX .....	6
23	PAOZZ	5307-01-526-0735	76122	28059	STUD, PLAIN .....	6
24	PAOZZ	5305-01-526-0733	76122	21242	SCREW, CAP, HEX .....	8
25	PAOZZ	5310-01-238-0650	76122	21238	WASHER, LOCK .....	8
26	KFOZZ	5301-01-526-9245	76122	21237	NUT, SELF-LOCKING, CAP ..... (PART OF KIT P/N 33636)	2
	PBOZZ	5330-01-526-9098	76122	33635	KIT, SEAL REPAIR ..... .....GASKET (1) - 7 ..... SEAL ASSEMBLY, PUMP (1) - 1 ..... SLEEVE, DRIVE (1) - 5	1
	PBOZZ	4320-01-526-9104	76122	33636	KIT, PUMP OVERHAUL ..... .....GASKET (1) - 7 .....GASKET (2) - 11 ..... IMPELLER, PUMP (1) - 6 .....NUT, SELF-LOCKING, CAP (2) - 26 .....PLATE, WEAR, PUMP (1) - 9 ..... SCREW, MACHINE (2) - 8 ..... SEAL ASSEMBLY, PUMP (1) - 1 ..... SLEEVE, DRIVE (1) - 5	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

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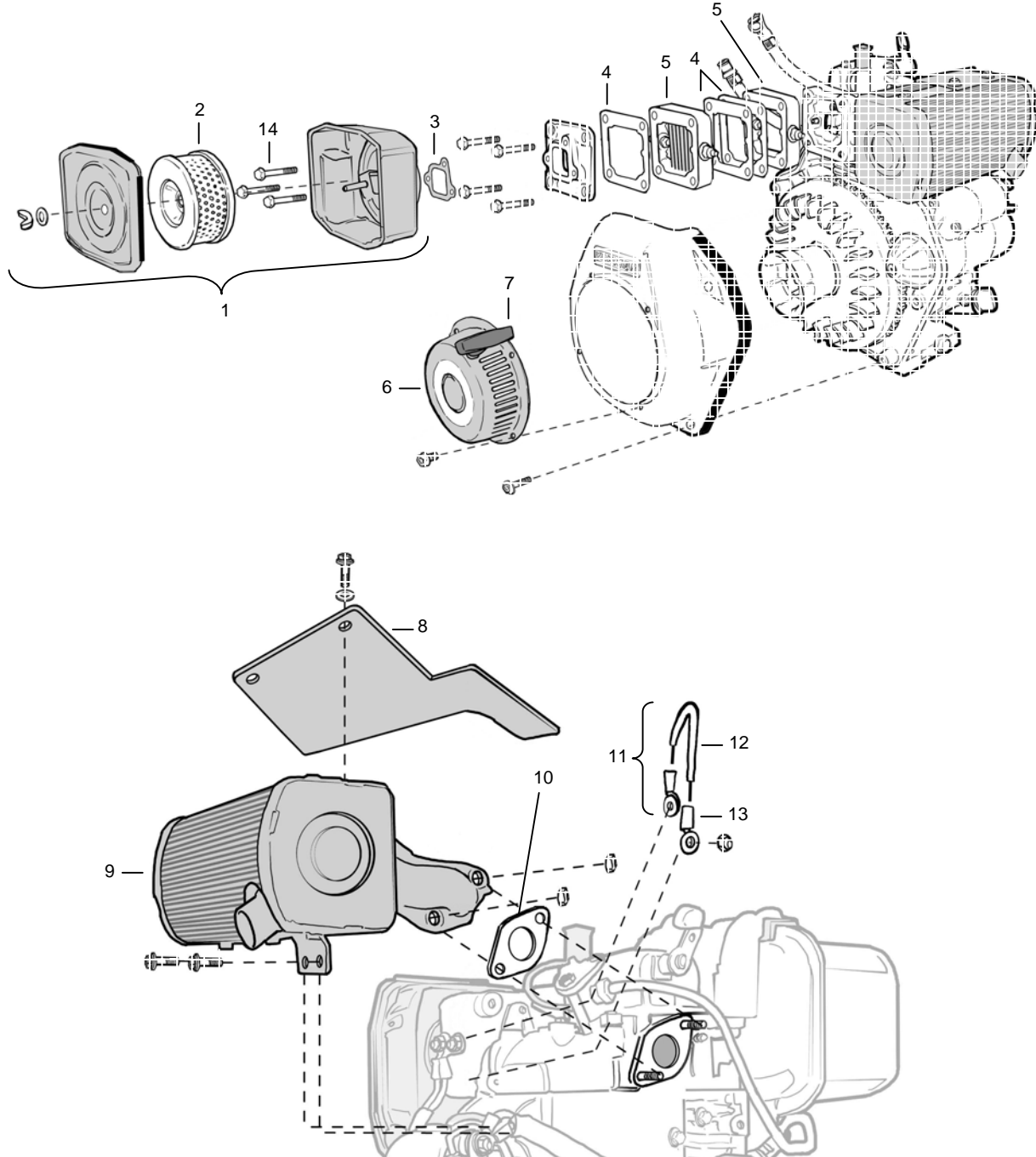


Figure 8. Air Cleaner, Hand Starter, and Muffler.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 RAW WATER SYSTEM FIGURE 8 AIR CLEANER, HAND STARTER, AND MUFFLER	
1	PAOOO	2940-01-323-3289	0AK42	714250-12560	AIR CLEANER, INTAKE .....	1
2	PAOZZ	2944-01-310-4495	0AK42	114250-12581	. FILTER ELEMENT .....	1
3	PAOZZ	5330-01-526-5104	0AK42	114250-12211	GASKET .....	1
4	PAOZZ	5330-01-477-4043	0AK42	129100-77510	GASKET .....	3
5	PAOZZ	4520-01-424-6353	S4163	129400-77501	HEATING ELEMENT .....	2
6	PBOOO	2990-01-526-5116	0AK42	114260-76250	STARTER, ENGINE, HAND .....	1
7	PAOZZ	2990-01-323-1322	0AK42	160260-76620	HANDLE, STARTER .....	1
8	XBOZZ		0U5N7	33902278	SHIELD, EXHAUST .....	1
9	PAOZZ	4330-01-323-3288	0AK42	114250-13521	PNEUMATIC MUFFLER .....	1
10	PAOZZ	5330-01-526-5105	0AK42	114250-13201	GASKET .....	1
11	XBOZZ		0U5N7	33903012-2	JUMPER, ELECTRICAL .....	1
12	MOOZZ		03005	MTW-10-GRN	. WIRE, ELECTRICAL (MAKE FROM BULK .... MATERIAL. CUT TO LENGTH 8 IN.)	1
13	PAOZZ	5940-00-143-4777	06383	PN10-14R	. TERMINAL LUG .....	2
14	PAOZZ	5305-01-526-9251	0AK42	26106-080652	BOLT, MACHINE .....	3
					END OF FIGURE	

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

0004 00

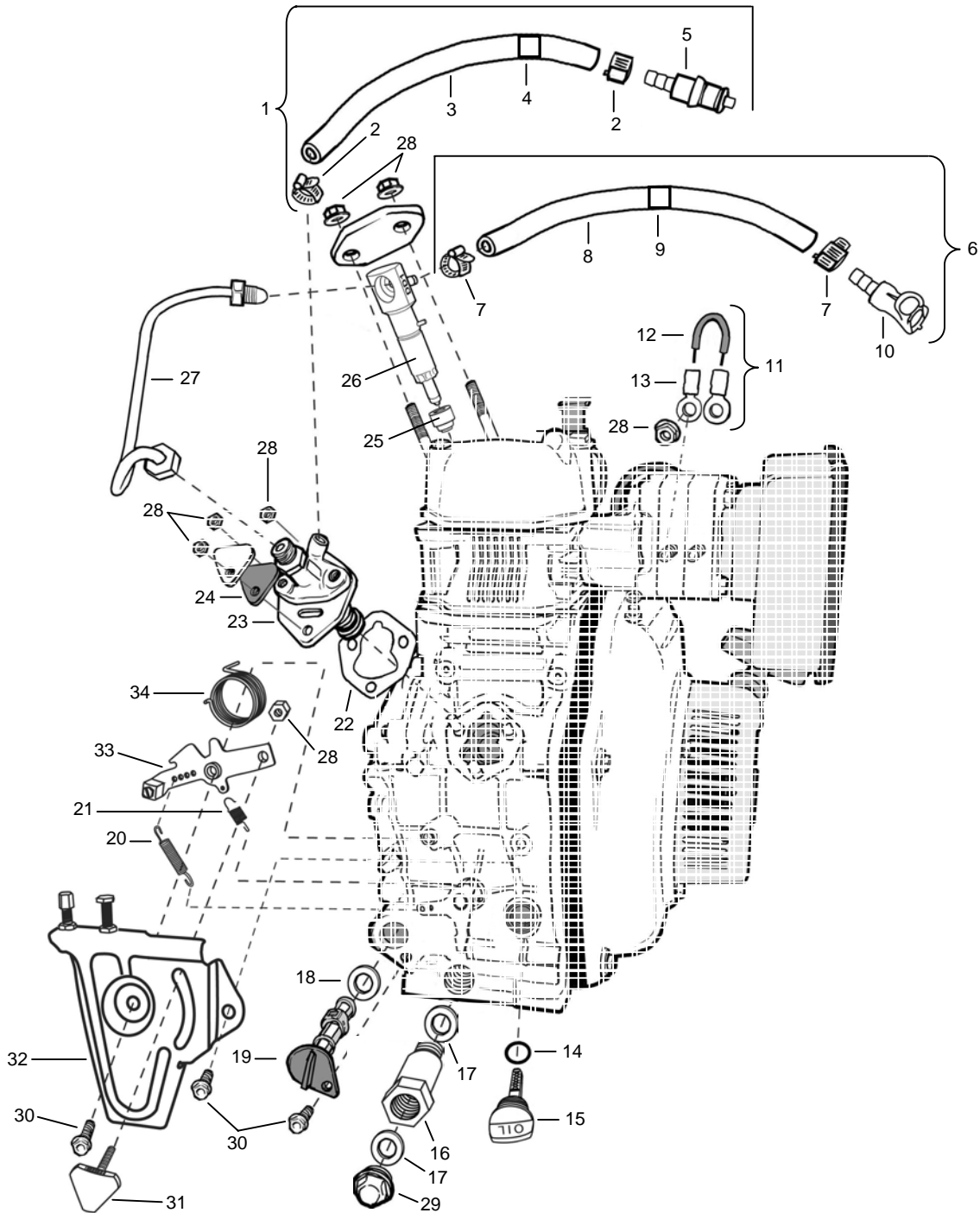


Figure 9. Fuel Injection and Oil Systems.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 9 FUEL INJECTION AND OIL SYSTEMS						
1	PBOOO	4720-01-526-0764	0U5N7	33901174-1	HOSE ASSY, SUPPLY .....	1
2	PAOZZ	4730-00-871-6729	19207	12273192	. CLAMP, HOSE .....	2
3	MOOZZ	4720-00-283-6413	24161	27002	. HOSE, NONMETALLIC .....	1
(MAKE FROM BULK. CUT TO 14 IN.)						
4	MOOZZ		39428	7856K19-RED	. TUBING, HEAT SHRINK .....	1
(MAKE FROM BULK. CUT TO 0.1 FT.)						
5	PAOZZ	4730-01-526-5044	62661	PLCD22004V	. COUPLING HALF, MALE .....	1
6	PBOZZ	4720-01-526-9242	0U5N7	33901173-2	HOSE ASSY, RETURN .....	1
7	PAOZZ	4730-00-871-6729	19207	12273192	. CLAMP, HOSE .....	2
8	MOOZZ	4720-00-408-7893	24161	27004	. HOSE, NONMETALLIC .....	1
(MAKE FROM BULK. CUT TO 16 IN.)						
9	MOOZZ		39428	7856K19-YEL	. TUBING, HEAT SHRINK .....	1
(MAKE FROM BULK. CUT TO 3 IN.)						
10	PAOZZ	4730-01-526-5041	62661	PLCD17006V	. COUPLING HALF, FEMALE .....	1
11	XBOOO		0U5N7	33903012-1	JUMPER, ELECTRICAL .....	1
12	MOOZZ		03005	MTW-10-YEL	. WIRE, ELECTRICAL .....	1
(MAKE FROM BULK. CUT TO 3 IN.)						
13	PAOZZ	5940-00-143-4777	06383	PN10-14R	. TERMINAL LUG .....	2
14	PAOZZ	5331-01-323-2728	0AK42	24311-000180	O-RING .....	1
15	PAOZZ	6680-01-526-5244	0AK42	114299-01760	CAP / DIPSTICK .....	1
16	PAOZZ	4730-01-416-9698	0AK42	18327-908350	NIPPLE, PIPE .....	1
17	PAOZZ	5330-01-326-2669	0AK42	22190-160002	GASKET .....	2
18	PAOZZ	5330-01-526-5339	0AK42	114771-11310	GASKET .....	1
19	PAOZZ	2815-01-353-7523	0AK42	114250-35110	STRAINER, OIL PUMP .....	1
20	PBOZZ	5360-01-419-5483	0AK42	114770-66010	SPRING, HELICAL (REGULATOR) .....	1
21	PBOZZ	5360-01-322-8631	0AK42	114250-66200	SPRING, HELICAL (THROTTLE RETURN) .....	1
22	PAOZZ	5330-01-486-4449	0AK42	114771-11461	GASKET .....	1
23	PBOZZ	2910-01-526-5117	0AK42	714350-51200	PUMP, FUEL, METERING .....	1
24	PAOZZ	5330-01-328-4171	0AK42	114250--1841	. GASKET .....	1
25	PAOZZ	5365-01-486-3251	0AK42	114771-11470	SPACER, SLEEVE .....	1
26	PBOZZ	2910-01-526-5119	0AK42	714771-53100	INJECTOR ASSY, FUEL .....	1
27	PBOZZ	4710-01-526-5885	0AK42	114771-59801	PIPE, FUEL INJECTION.....	1
28	PAOZZ	5310-01-388-8826	0AK42	26366-060002	NUT, PLAIN, HEX.....	8
29	PAOZZ	4730-01-322-4956	0AK42	105425-01690	PLUG, PIPE (OIL DRAIN).....	2
30	PAOZZ	5305-01-388-6229	0AK42	26106-060162	SCREW, CAP, HEX.....	3
31	PAOZZ	5340-01-433-5456	0AK42	160725-78350	KNOB, MANUAL CONTROL .....	1
32	XBOZZ		0AK42	114299-66100	STAY, HANDLE .....	1
33	PAOZZ	5340-01-430-4761	S4163	114250-66050	HANDLE, MANUAL CONTROL.....	1
34	PAOZZ	5360-01-418-7397	0GUY0	104200-66820	SPRING, HELICAL, COMPRESSION .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

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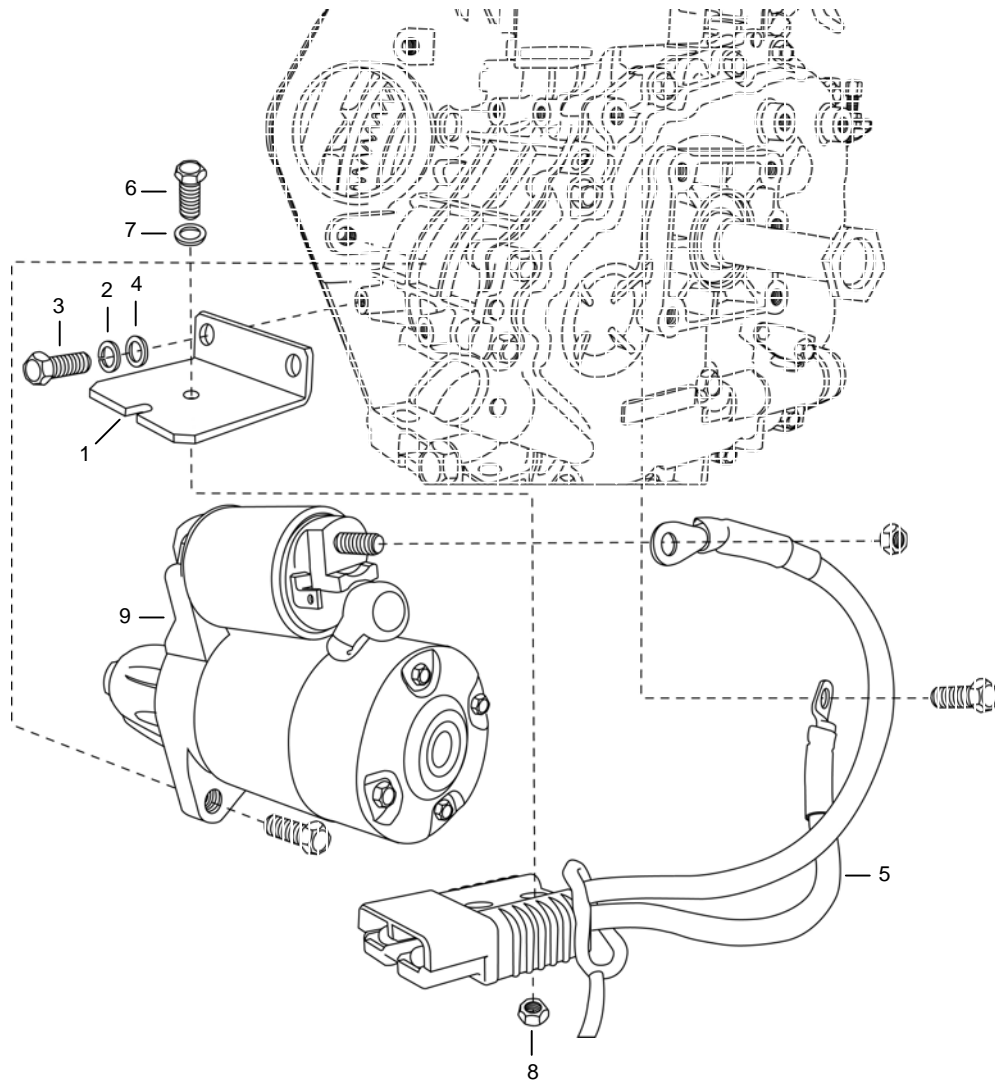


Figure 10. Electric Starter System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 RAW WATER SYSTEM	
					FIGURE 10 ELECTRIC STARTER SYSTEM	
1	XBOZZ		0U5N7	33902276	BRACKET .....	1
2	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	2
3	PAOZZ	5305-01-365-4863	39428	91287A136	. SCREW, CAP, HEX .....	2
4	PAOZZ	5310-00-933-8121	80205	MS35338-139	. WASHER, LOCK .....	2
5	PAOZZ	6150-01-526-0761	0U5N7	33903011	CABLE ASSY, POWER .....	1
6	PAOZZ	5305-00-207-2297	80205	MS35307-312	. SCREW, CAP, HEX .....	1
7	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	1
8	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF-LOCKING .....	2
9	PBOZZ	2920-21-910-1201	S4163	114362-77011	STARTER, ENGINE, ELECTRIC .....	1
					END OF FIGURE	

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

0004 00

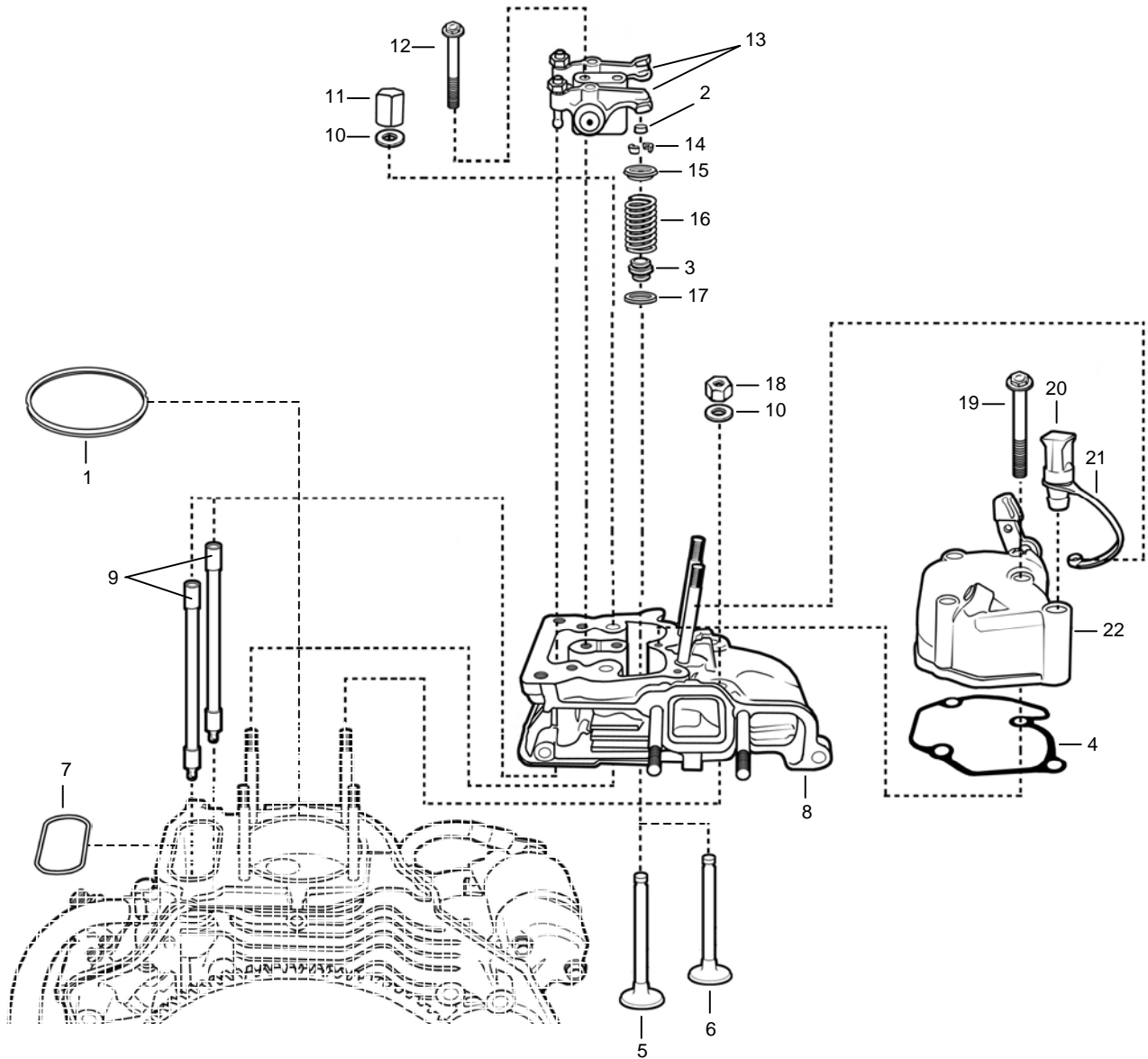


Figure 11. Cylinder Head Valves and Gaskets.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 RAW WATER SYSTEM FIGURE 11 CYLINDER HEAD VALVES AND GASKETS	
1	PAOZZ	5330-01-526-5151	0AK42	114771-01330	GASKET, CYLINDER HEAD .....	1
2	PAOZZ	2815-01-393-9880	0AK42	119260-11370	CAP, VALVE .....	2
3	PAOZZ	5331-01-324-8831	0AK42	114250-11340	SEAL, PLAIN .....	2
4	PAOZZ	5330-01-526-5339	0AK42	114771-11310	GASKET .....	1
5	XBFZZ		0AK42	114771-11100	VALVE, POPPET, ENGINE .....	1
6	XBFZZ		0AK42	114771-11110	VALVE, POPPET, ENGINE .....	1
7	PAOZZ	5331-01-328-4148	0GUY0	114250-01380	O-RING .....	1
8	PAOZZ	2815-01-526-5120	0AK42	114771-11020	CYLINDER HEAD .....	1
9	PAOZZ	2815-01-389-9590	0AK42	114250-14451	PUSH ROD, ENGINE .....	2
10	PAOZZ	5310-01-458-9991	0AK42	124950-01250	WASHER, FLAT .....	2
11	PAOZZ	5310-01-526-5909	0AK42	114250-01251	NUT, CAP .....	1
12	PAOZZ	5305-14-469-8502	S4163	26106-060452	SCREW.....	2
13	PAOZZ	2815-01-526-5197	0AK42	114771-11250	ROCKER ARM ASSEMBLY .....	1
14	PAOZZ	2815-01-323-1352	0AK42	714250-11570	LOCK, VALVE SPRING RETAINER.....	2
15	PAOZZ	5340-01-324-8850	0AK42	114250-11180	SEAT, SPRING.....	2
16	PAOZZ	5360-01-324-3995	0AK42	114250-11120	SPRING, HELICAL .....	2
17	PAOZZ	5310-01-431-4064	0AK42	114250-11600	WASHER, FLAT .....	2
18	PAOZZ	5310-01-431-4068	0AK42	114250-01221	NUT, PLAIN, HEX.....	1
19	PAOZZ	5306-01-323-5440	0AK42	26106-060552	BOLT, MACHINE .....	3
20	PAOZZ	5340-01-449-3915	0AK42	114250-76610	HOLDER, PLUNGER.....	1
21	PAOZZ	5340-01-433-5460	0AK42	114250-76600	PLUNGER, DETENT .....	1
22	PAOZZ	4810-01-526-5186	0AK42	114771-11950	VALVE COVER ASSEMBLY .....	1
					END OF FIGURE	

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1

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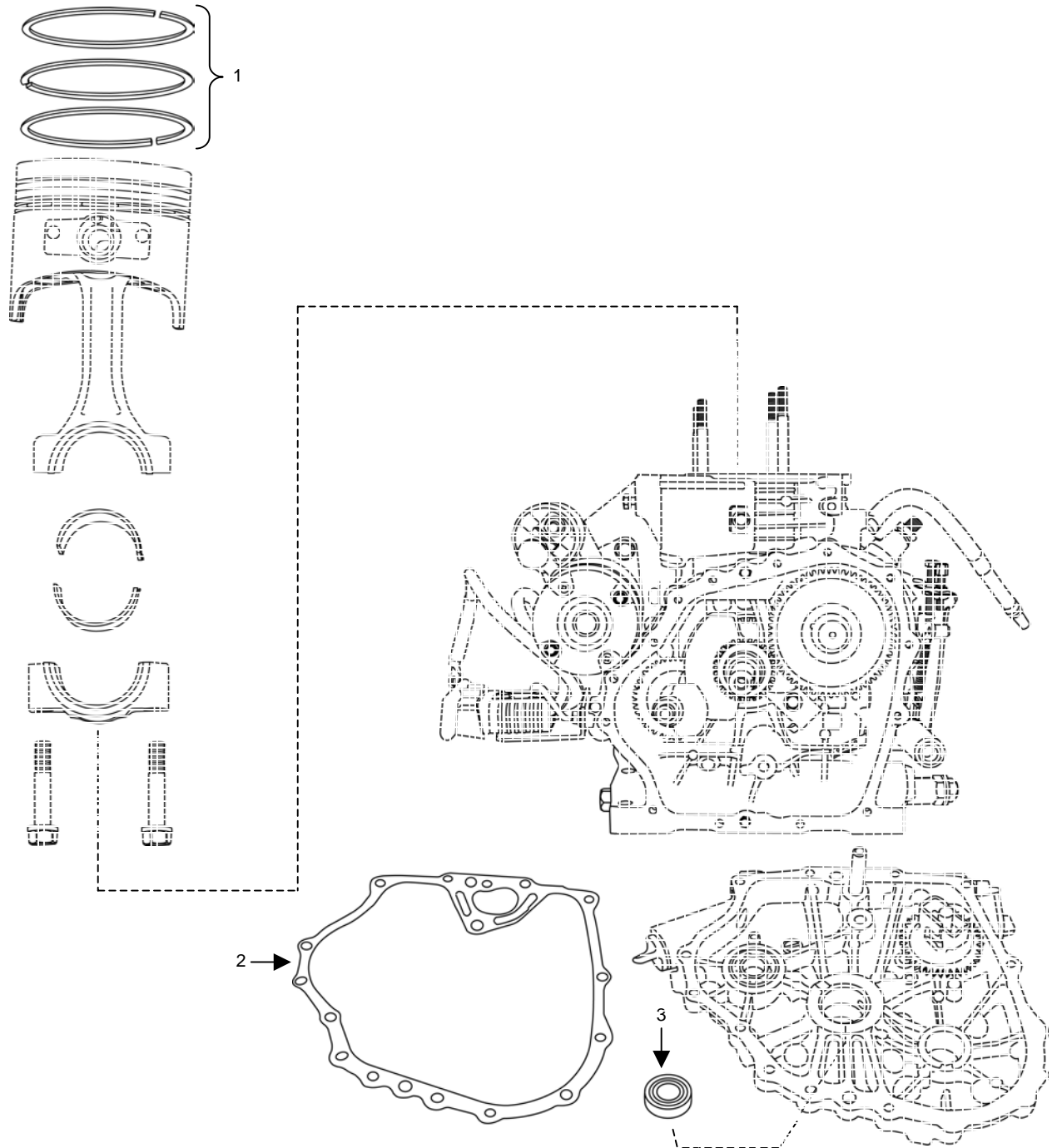


Figure 12. Crankcase Gasket and Piston Rings.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-1  
REPAIR PARTS LIST**

**0004 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 RAW WATER SYSTEM FIGURE 12 CRANKCASE GASKET AND PISTON RINGS	
1	PAOZZ	2815-01-526-5182	0AK42	714770-22500	RING SET, PISTON .....	1
2	PAOZZ	5330-01-353-6007	0GUY0	114250-01412	GASKET, CRANKCASE .....	1
3	PAOZZ	5330-01-324-8253	0AK42	160210-02220	SEAL, PLAIN ENCASED .....	1
					END OF FIGURE	

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-2

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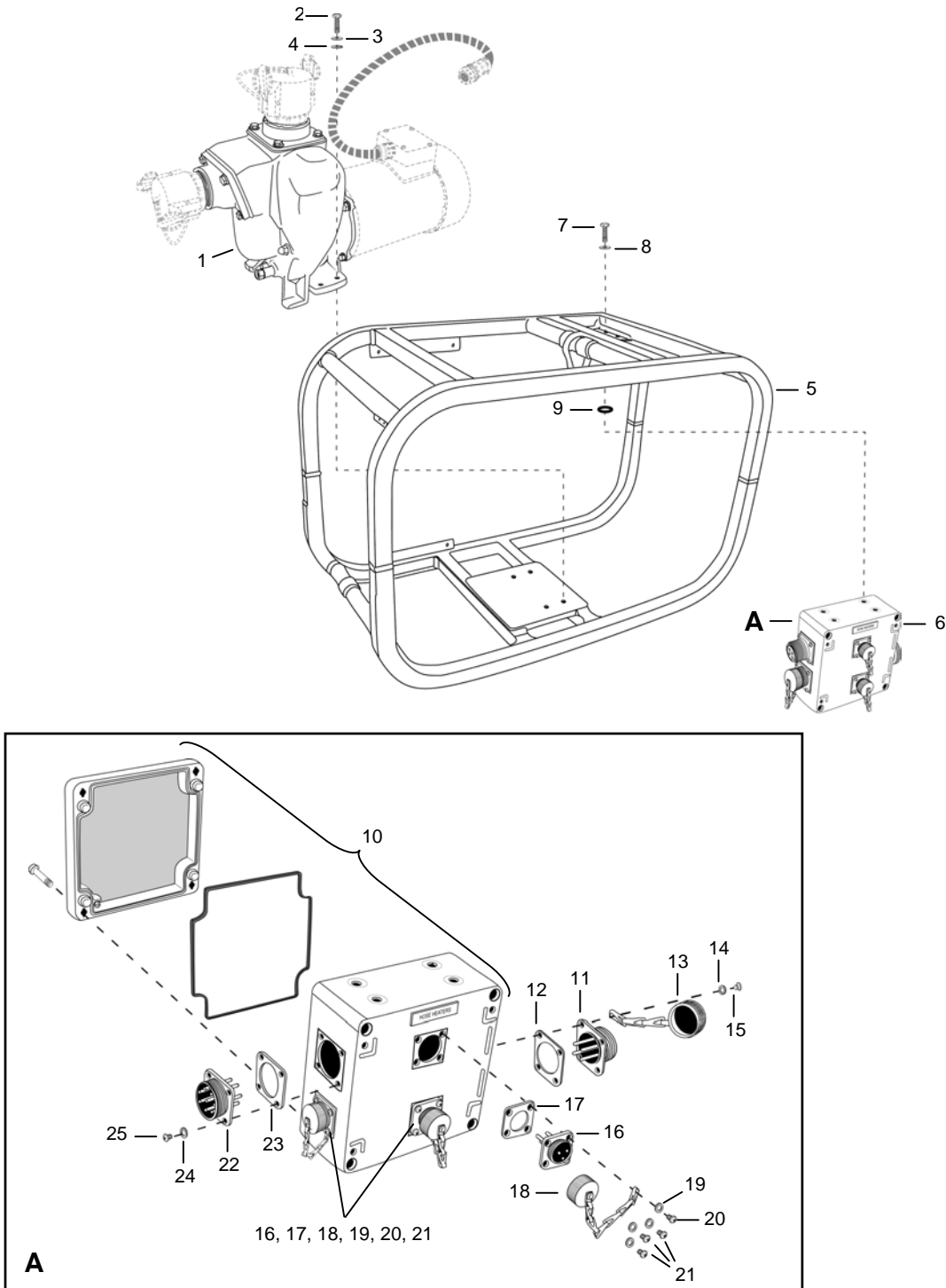


Figure 13. Electric Motor Driven Pump Assembly P-2.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-2  
REPAIR PARTS LIST**

**0005 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 13 ELECTRIC PUMP ASSY P-2						
1	XBOOO		76122	33593	PUMP, CENTRIFUGAL .....	1
2	PAOZZ	5306-00-543-4405	96906	MS35307-334	. BOLT, MACHINE .....	4
3	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	4
4	PAOZZ	5310-00-974-6623	96906	MS35338-140	. WASHER, LOCK .....	4
5	XBOFF		0U5N7	33901015	FRAME .....	1
6	PBOOO	5975-01-526-0813	0U5N7	33901107	ASSY, JUNCTION BOX .....	1
7	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	4
8	PAOZZ	5310-01-486-6770	39428	93783A029	. WASHER, SEAL .....	4
9	PAOZZ	5331-01-420-2606	39428	90130A029	. O-RING .....	4
10	XBOZZ		0U5N7	33902365	. ENCLOSURE, ELECTRICAL .....	1
11	PAOZZ	5935-00-836-5853	77820	GP3102E20-15P	. CONNECTOR, RECEPTACLE .....	1
12	PAOZZ	5330-00-641-8032	77820	10-40450-20	.. GASKET .....	1
13	PAOZZ	5935-00-221-8620	96906	MS25043-20DA	.. COVER, RECEPTACLE .....	1
14	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
15	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	4
16	PAOZZ	5935-00-636-5041	96906	MS3102E14S-7S	. CONNECTOR, RECEPTACLE .....	3
17	PAOZZ	5330-00-795-0441	77820	10-40450-14	.. GASKET .....	1
18	PAOZZ	5935-01-181-6651	96906	MS25043-14DA	.. COVER, RECEPTACLE .....	1
19	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
20	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	1
21	PAOZZ	5305-00-054-5649	96906	MS51957-15	.. SCREW, MACHINE .....	3
22	PAOZZ	5935-00-683-7824	96906	MS3102E18-10S	. CONNECTOR, RECEPTACLE .....	1
23	PAOZZ	5330-00-290-9891	77820	10-40450-18	.. GASKET .....	1
24	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
25	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	4
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-2

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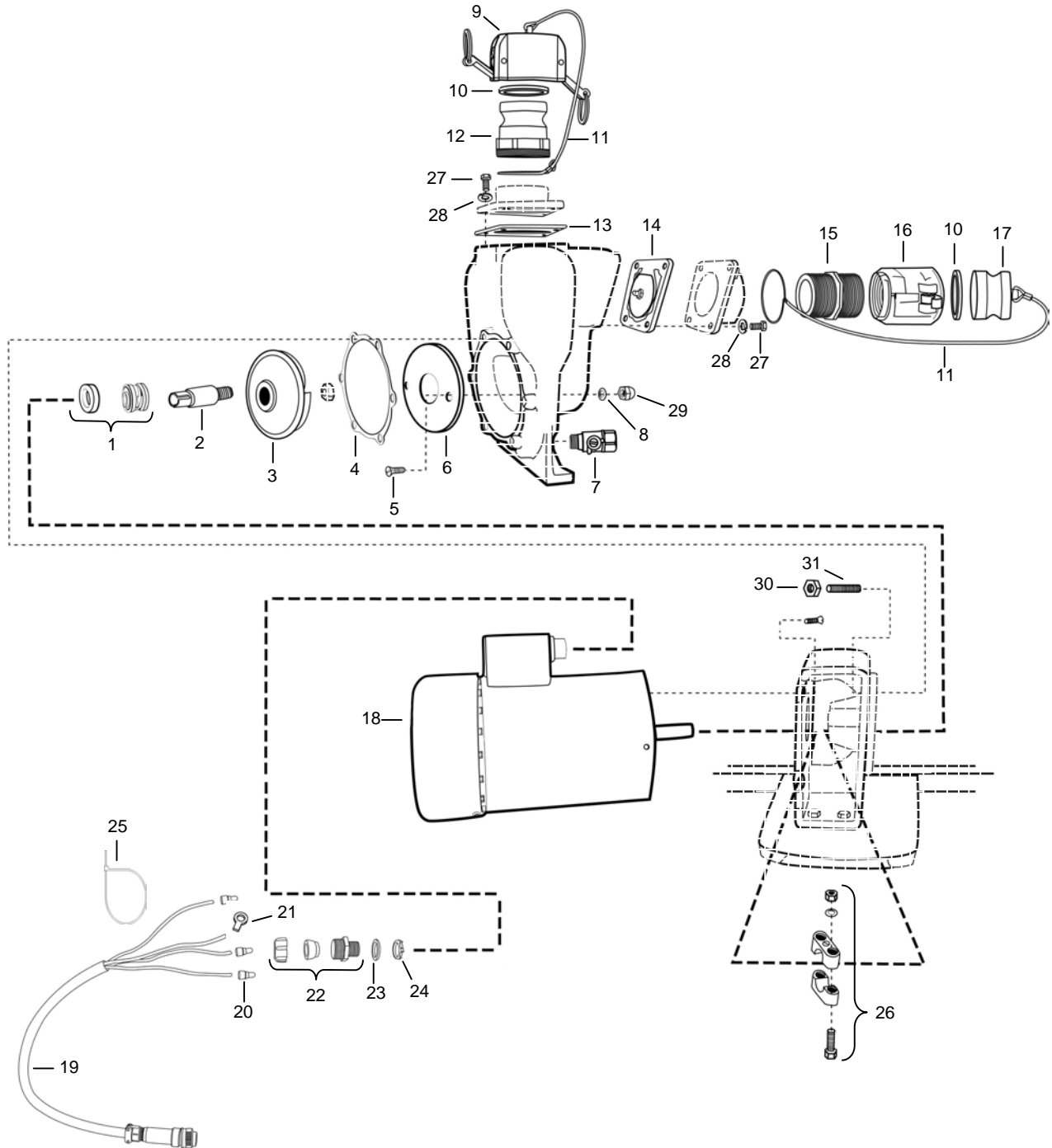


Figure 14. P-2 Centrifugal Pump.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-2  
REPAIR PARTS LIST**

**0005 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 14 P-2 CENTRIFUGAL PUMP						
1	KFOZZ	4320-01-526-9100	76122	C31796	SEAL ASSEMBLY, PUMP ..... (PART OF KITS P/Ns 33637 AND 33638)	1
2	KFOZZ	3040-01-526-9102	76122	C33590	SLEEVE, DRIVE ..... (PART OF KITS P/Ns 33637 AND 33638)	1
3	KFOZZ	4320-01-526-9106	76122	C22294	IMPELLER, PUMP ..... (PART OF KITS P/Ns 33637 AND 33638)	1
4	KFOZZ	5330-01-132-5564	76122	22255	GASKET (PART OF KIT P/N 33638) .....	1
5	KFOZZ	5305-01-526-9251	76122	C21249	SCREW, MACHINE (PART OF KIT P/N 33638) .	2
6	KFOZZ	4320-01-526-9224	76122	C27978	PLATE, WEAR, PUMP ..... (PART OF KIT P/N 33638)	1
7	PAOZZ	4820-01-526-0721	0U5N7	755MFZ1	VALVE, DRAIN .....	1
8	KFOZZ	5330-00-232-8436	76122	21248	GASKET (PART OF KIT P/N 33638) .....	2
9	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	CAP, PROTECTIVE .....	1
10	PAOZZ	5330-01-349-8921	33813	NW5	GASKET .....	2
11	PAOZZ	4010-01-526-4626	33813	C51	CHAIN, SECURITY .....	2
12	XBOZZ		33813	20F-SS	ADAPTER .....	1
13	PAOZZ	5330-00-301-6486	76122	22256	GASKET .....	1
14	PAOZZ	4320-00-005-7560	76122	23022	VALVE FLAPPER, PUMP .....	1
15	PAOZZ	4730-01-526-5276	39428	46825K71	NIPPLE, HEX .....	1
16	PBOOO		33813	20D-SS	COUPLER .....	1
17	PAOZZ		33813	20W-FDAPOLY	PLUG, PROTECTIVE .....	1
18	PBOZZ	6105-01-526-0820	76122	C26197	MOTOR, AC .....	1
19	PBOZZ	6250-01-526-0821	0U5N7	33903006-1	CABLE, MOTOR .....	1
20	PAOZZ	5940-01-350-4066	06383	JN418-212	SPLICE, CONDUCTOR .....	3
21	PAOZZ	5940-00-143-4780	06383	PN14-10R-C	TERMINAL, LUG .....	1
22	PBOZZ	5975-01-097-1734	56501	2524	BOX CONNECTOR, ELEC .....	1
23	PAOZZ	5331-00-588-0892	56501	5262	O-RING .....	1
24	PAOZZ	5975-00-152-1075	56501	141	LOCKNUT, ELECTRICAL .....	1
25	PAOZZ	5975-01-345-6512	06383	PLT1.SI-M	STRAP, TIEDOWN, ELECTRICAL .....	6
26	PBOZZ	5340-01-526-0709	76122	34254	COUPLING CLAMP ASSEMBLY .....	1
27	PAOZZ	5305-01-526-0733	76122	21242	SCREW, CAP, HEX .....	8
28	PAOZZ	5310-01-238-0650	76122	21238	WASHER, LOCK .....	8
29	KFOZZ	5301-01-526-9245	76122	21237	NUT, SELF-LOCKING, CAP ..... (PART OF KIT P/N 33638)	2
30	PAOZZ	5310-01-175-6702	76122	21284	NUT, PLAIN, HEX .....	6
31	PAOZZ	5307-01-526-0735	76122	28059	STUD, PLAIN .....	6

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-2  
REPAIR PARTS LIST**

**0005 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 14 P-2 CENTRIFUGAL PUMP						
	PBOZZ	5330-01-526-9671	76122	33637	KIT, SEAL REPAIR .....	V
					.....GASKET (1) - 4	
					..... SEAL ASSEMBLY, PUMP (1) - 1	
					..... SLEEVE, DRIVE (1) - 2	
	PBOZZ	4320-01-526-9775	76122	33638	KIT, PUMP OVERHAUL .....	V
					.....GASKET (1) - 4	
					.....GASKET (2) - 8	
					..... IMPELLER, PUMP (1) - 3	
					..... NUT, SELF-LOCKING, CAP (2) - 29	
					..... PLATE, WEAR, PUMP (1) - 6	
					..... SCREW, MACHINE (2) - 5	
					..... SEAL ASSEMBLY, PUMP (1) - 1	
					..... SLEEVE, DRIVE (1) - 2	
END OF FIGURE						



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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 01 RAW WATER SYSTEM  
CYCLONE SEPARATOR

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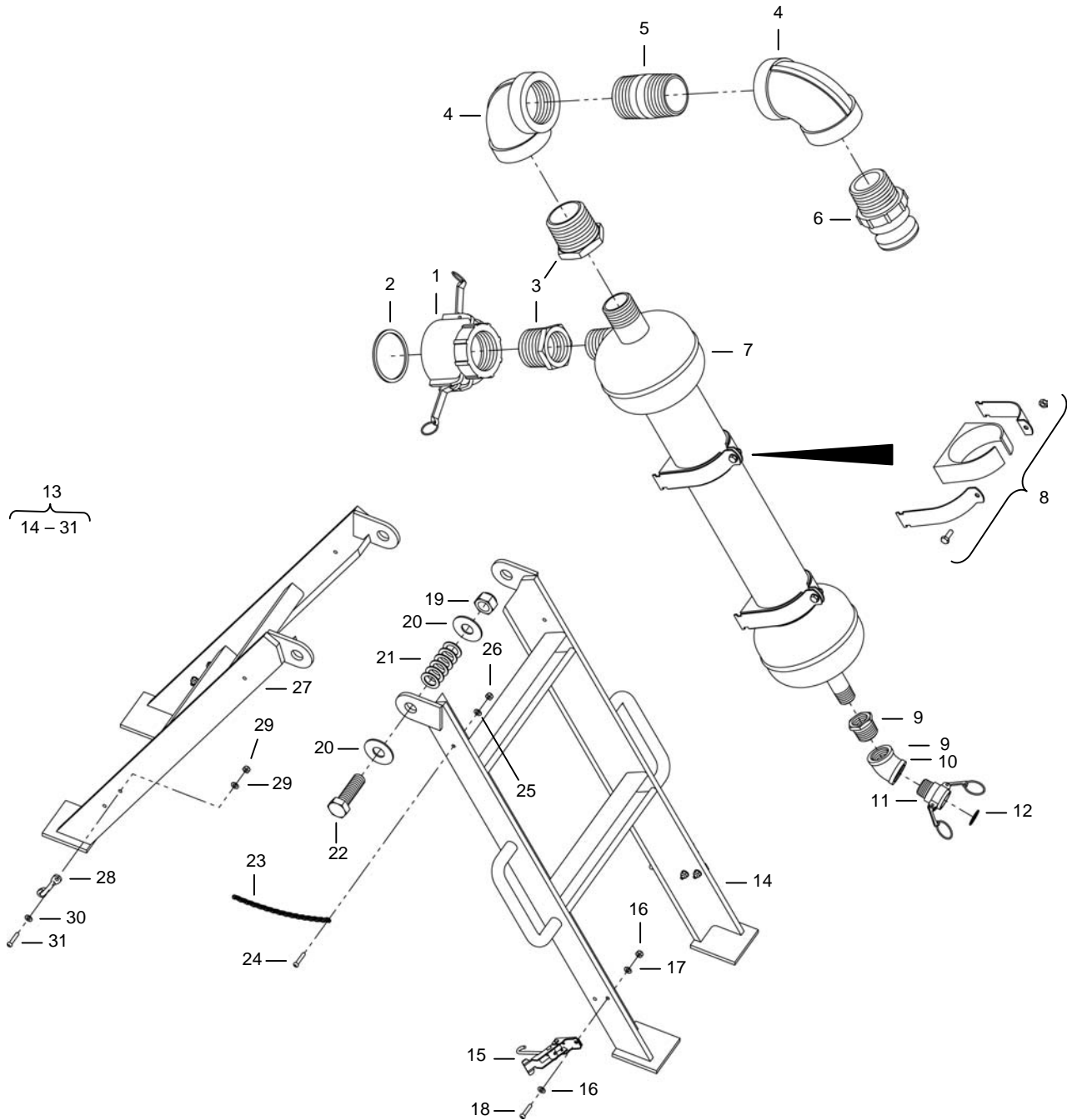


Figure 15. Cyclone Separator.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 01 RAW WATER SYSTEM  
CYCLONE SEPARATOR  
REPAIR PARTS LIST**

**0006 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 01 RAW WATER SYSTEM FIGURE 15 CYCLONE SEPARATOR						
1	PAOOO	4730-01-526-5253	33813	20D-FDAPOLY	COUPLER.....	1
2	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
3	XBOZZ		39428	4443K738	BUSHING, PIPE .....	2
4	XBOZZ		0EXU3	859-07576-000	ELBOW, PIPE .....	2
5	XBOZZ		00ZP1	SP-IS46NKCL	NIPPLE, PIPE .....	1
6	PAOZZ		33813	20F-FDAPOLY	ADAPTER .....	1
7	XBOZZ		1RZJ0	ILS-0150.316SS	SEPARATOR, CYCLONE .....	1
8	PAOZZ	5340-01-526-5920	1KXJ3	FS-1400P-300	CLAMP, CUSHIONING.....	2
9	XBOZZ	4730-01-295-7186	39428	4443K735	BUSHING, PIPE .....	1
10	XBOZZ		0U5N7	SST45 1	ELBOW, PIPE.....	1
11	PAOOO	4730-01-526-5254	33813	10B-SS	COUPLER.....	1
12	PAOZZ	5330-01-526-5279	33813	NW2	. GASKET .....	1
13	XBOOO		0U5N7	33901031	FRAME ASSEMBLY .....	1
14	XBOZZ		0U5N7	33901188	. LEG, RIGHT.....	1
15	PAOZZ	5340-01-526-5280	94222	A1-11-502-40	. . CATCH, CLAMPING.....	2
16	PAOZZ	5301-00-274-8887	96906	MS20365-C1032A	. . . NUT, SELF-LOCKING, HEX.....	2
17	PAOZZ	5310-00-763-3413	80205	MS15795-847	. . . WASHER, FLAT .....	2
18	PAOZZ	5305-00-059-3662	80205	MS51958-66	. . . SCREW, MACHINE .....	2
19	PAOZZ	5310-01-526-5282	39428	90715A036	. NUT, SELF-LOCKING, HEX.....	2
20	PAOZZ	5310-00-584-7799	80205	MS15795-822	. WASHER, FLAT .....	4
21	PAOZZ	5310-01-526-5285	39428	95649A256	. WASHER, FLAT .....	12
22	PAOZZ	5305-01-516-6128	39428	93190A844	. SCREW, CAP,HEX.....	2
23	MOOZZ		39428	3610T32	. CHAIN, SASH (MAKE FROM BULK MATERIAL. CUT TO LENGTH 1.1 FT) .....	2
24	PAOZZ	5305-00-059-3662	80205	MS51958-66	. . SCREW, MACHINE .....	2
25	PAOZZ	5310-00-763-3413	80205	MS15795-847	. . WASHER, FLAT .....	2
26	PAOZZ	5301-00-274-8887	96906	MS20365-C1032A	. . NUT, SELF-LOCKING, HEX.....	2
27	XBOZZ		0U5N7	33901189	. LEG, LEFT .....	1
28	PAOZZ	5340-00-489-5684	19220	6411B	. . LOOP, STRAP FASTENER.....	2
29	PAOZZ	5301-00-274-8887	96906	MS20365-C1032A	. . . NUT, SELF-LOCKING, HEX.....	2
30	PAOZZ	5310-00-763-3413	80205	MS15795-847	. . . WASHER, FLAT .....	2
31	PAOZZ	5305-00-059-8597	96906	MS35217-59	. . . SCREW, MACHINE .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
PRODUCT WATER DISTRIBUTION SYSTEM

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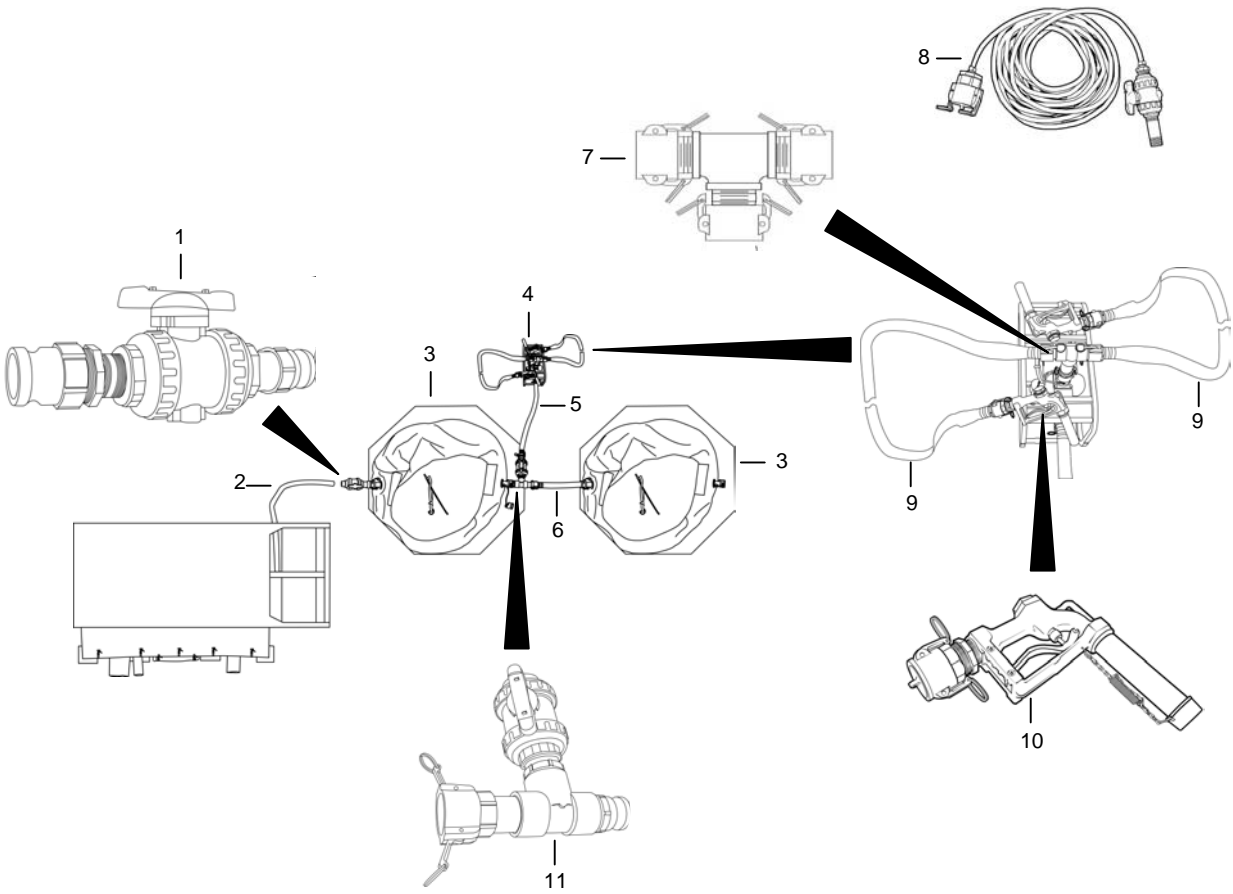


Figure 16. Product Water Distribution System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
PRODUCT WATER DISTRIBUTION SYSTEM  
REPAIR PARTS LIST**

**0007 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM FIGURE 16 PRODUCT WATER DISTRIBUTION SYSTEM						
1	PBOOO	4730-01-526-3538	0U5N7	33901171	ASSY, ADAPTOR A15 .....	1
2	PBOOO	4720-01-526-3524	0U5N7	33901097	ASSY, HOSE P02 .....	4
3	PBOOO	5430-01-470-7380	05YK6	RCF-3K-W-OT	TANK, FABRIC, COLLAPSIBLE .....	2
4	XBOFF		0U5N7	33901110	ASSY, PUMP P-07 .....	1
5	PBOOO	4720-01-526-3490	0U5N7	33901099	ASSY, HOSE P04 .....	1
6	PBOOO		0U5N7	33901098-1	ASSY, HOSE P03 .....	2
7	PBOOO	4820-01-526-3498	0U5N7	33901094	ASSY, ADAPTOR A08 .....	1
8	PBOOO	4720-01-526-3522	0U5N7	33901095	ASSY, HOSE P06 .....	1
9	PBOOO	4720-01-526-3479	0U5N7	33901098-2	ASSY, HOSE P05 .....	2
10	PBOOO	4730-01-526-3473	0U5N7	33901103	ASSY, NOZZLE, DISTRIBUTION .....	2
11	PBOOO		0U5N7	33901093	ASSY, ADAPTOR A07 .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS

0008 00

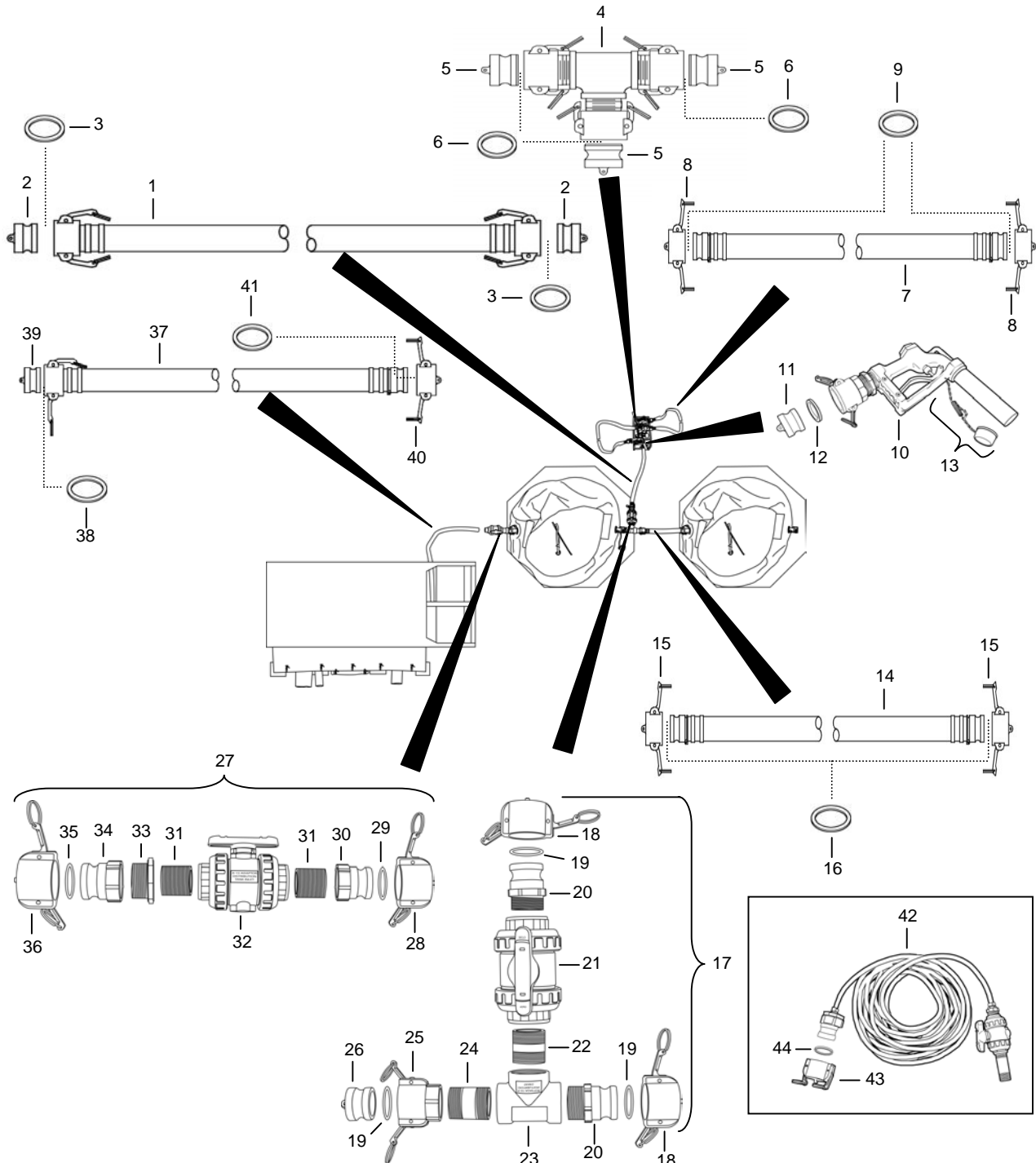


Figure 17. Hose Assemblies and Adaptors.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS  
REPAIR PARTS LIST**

**0008 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM FIGURE 17 HOSE ASSEMBLIES AND ADAPTORS						
1	PBOOO	4720-01-526-3490	0U5N7	33901099	ASSY, HOSE P04 .....	1
2	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	2
3	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	2
4	PBOOO	4820-01-526-3498	0U5N7	33901094	ASSY, ADAPTOR A08 .....	1
5	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	3
6	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	3
7	PBOOO	4720-01-526-3479	0U5N7	33901098-2	ASSY, HOSE P05 .....	2
8	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	2
9	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	2
10	PBOOO	4730-01-526-3473	0U5N7	33901103	ASSY, NOZZLE, DISTRIBUTION .....	2
11	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	1
12	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
13	PAOZZ	5340-01-526-0722	65824	495-105-01	. CAP ASSEMBLY .....	1
14	PBOOO	4720-01-526-3485	0U5N7	33901098-1	ASSY, HOSE P03 .....	1
15	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	2
16	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	2
17	PBOOO	4730-01-526-3555	0U5N7	33901093	ASSY, ADAPTOR A07 .....	1
18	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	2
19	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	3
20	PAOZZ	4730-01-526-5259	33813	20F-FDAPOLY	. ADAPTER .....	2
21	PBOZZ	4820-01-526-3595	1PHN1	1613020	. VALVE , BALL.....	1
22	PAOZZ	4730-01-526-3580	1PHN1	887C-025	. NIPPLE, PIPE .....	1
23	PAOZZ	4730-01-526-5267	1PHN1	805C-020	. TEE .....	1
24	PAOZZ	4730-01-526-3574	1PHN1	887C-030	. NIPPLE, PIPE .....	1
25	PAOOO	4730-01-526-5253	33813	20D-FDAPOLY	. COUPLER .....	1
26	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	1
27	PBOOO	4730-01-526-3538	0U5N7	33901171	ASSY, ADAPTOR A15 .....	1
28	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	1
29	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	1
30	PAOZZ		33813	20A-FDAPOLY	. ADAPTER .....	1
31	PAOZZ	4730-01-526-0671	1PHN1	839-251C	. BUSHING, REDUCER .....	1
32	PAOZZ	4730-01-526-3550	1PHN1	886C-020	. NIPPLE, PIPE .....	2
33	PBOZZ		1PHN1	1613-015	. VALVE .....	1
34	PAOZZ	4730-01-526-3614	33813	15A-FDAPOLY	. ADAPTER .....	1
35	PAOZZ	5330-01-526-0670	33813	NW4	. GASKET .....	1
36	PAOOO		33813	15V-FDAPOLY	. CAP, PROTECTIVE .....	1
37	PBOOO		0U5N7	33901097	ASSY, HOSE P02 .....	4
38	PAOZZ	5330-01-526-0670	33813	NW4	. GASKET .....	1
39	PAOZZ	5340-01-526-0665	33813	15W-FDAPOLY	. PLUG, PROTECTIVE .....	1
40	PAOOO	5340-01-526-3531	33813	15V-FDAPOLY	. CAP, PROTECTIVE .....	1
41	PAOZZ	5330-01-526-0670	33813	NW4	. . GASKET .....	1
42	PBOOO	4720-01-526-3522	0U5N7	33901095	ASSEMBLY, HOSE P06.....	1
43	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE.....	1
44	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-7

0009 00

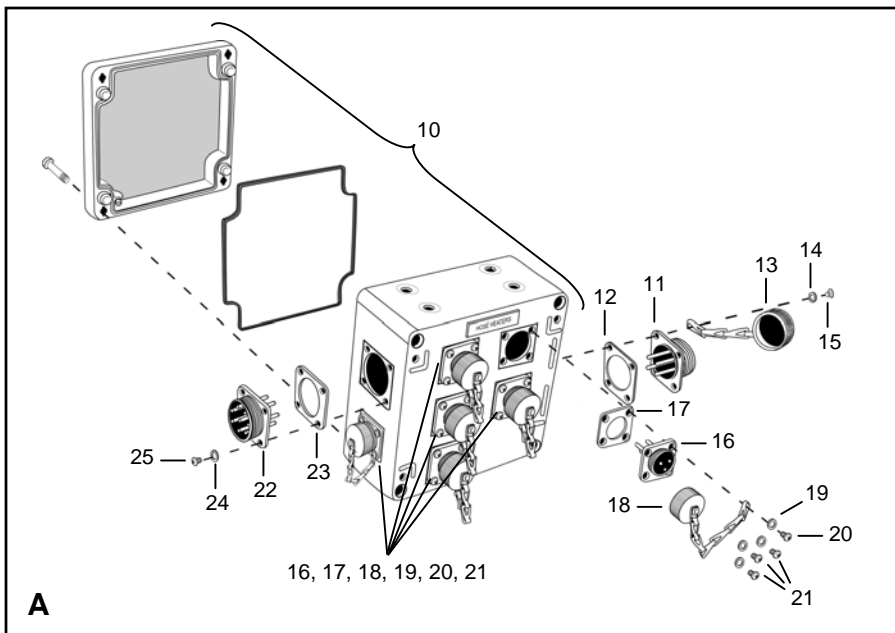
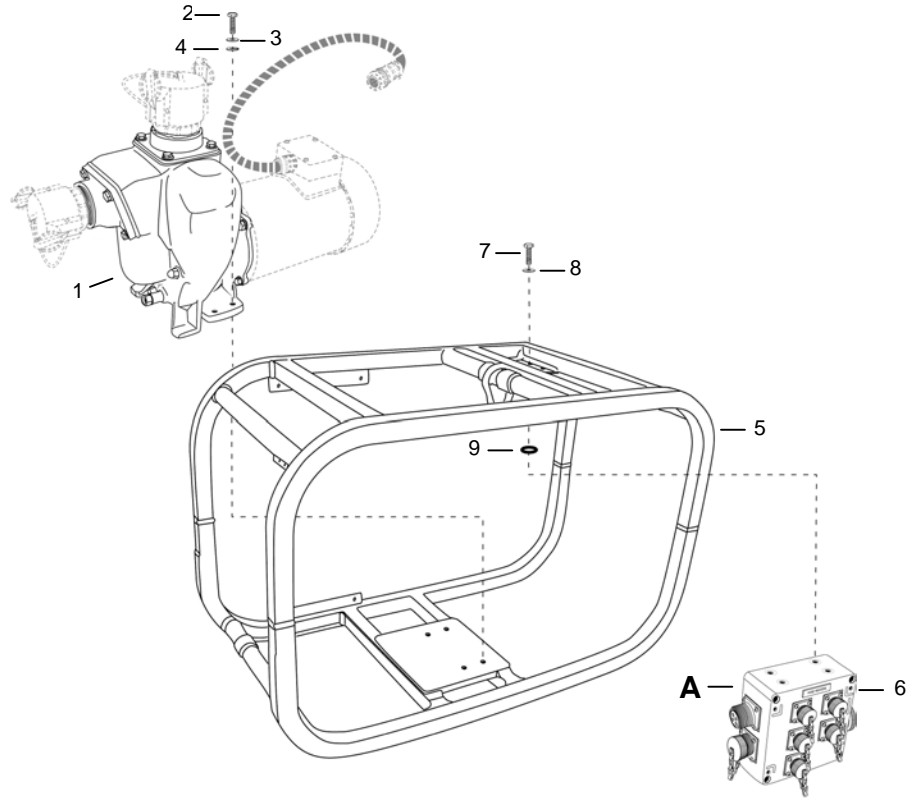


Figure 18. Electric Motor-Driven Pump Assembly P-7.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-7  
REPAIR PARTS LIST**

**0009 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM FIGURE 18 ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-7	
1	XBOOO		76122	33593	PUMP, CENTRIFUGAL .....	1
2	PAOZZ	5306-00-543-4405	96906	MS35307-334	. BOLT, MACHINE .....	4
3	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	4
4	PAOZZ	5310-00-974-6623	96906	MS35338-140	. WASHER, LOCK .....	4
5	XBOFF		0U5N7	33901015	FRAME .....	1
6	PBOOO	6110-01-526-3516	0U5N7	33901111	ASSY, JUNCTION BOX .....	1
7	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	4
8	PAOZZ	5310-01-486-6770	39428	93783A029	. . WASHER, SEAL .....	4
9	PAOZZ	5331-01-420-2606	39428	90130A029	O-RING .....	4
10	XBOZZ		0U5N7	22902364	. ENCLOSURE, ELECTRICAL .....	1
11	PAOZZ	5935-01-231-3115	96906	MS3452W24-2P	. CONNECTOR, RECEPTACLE .....	1
12	PAOZZ	5330-00-432-4734	77820	10-40450-24	. . GASKET .....	1
13	PAOZZ	5935-01-175-8417	96906	MS25043-24DA	. . COVER, RECEPTACLE .....	1
14	PAOZZ	5310-00-933-8118	80205	MS35338-135	. . WASHER, LOCK .....	4
15	PAOZZ	5305-00-054-5651	96906	MS51957-17	. . SCREW, MACHINE .....	4
16	PAOZZ	5935-00-636-5041	96906	MS3102E14S-7S	. CONNECTOR, RECEPTACLE .....	6
17	PAOZZ	5330-00-795-0441	77820	10-40450-14	. . GASKET .....	1
18	PAOZZ	5935-01-181-6651	96906	MS25043-14DA	. . COVER, RECEPTACLE .....	1
19	PAOZZ	5310-00-933-8118	80205	MS35338-135	. . WASHER, LOCK .....	4
20	PAOZZ	5305-00-054-5651	96906	MS51957-17	. . SCREW, MACHINE .....	1
21	PAOZZ	5305-00-054-5649	96906	MS51957-15	. . SCREW, MACHINE .....	3
22	PAOZZ	5935-00-683-7824	96906	MS3102E18-10S	. CONNECTOR, RECEPTACLE .....	1
23	PAOZZ	5330-00-290-9891	77820	10-40450-18	. . GASKET .....	1
24	PAOZZ	5305-00-054-5651	96906	MS51957-17	. . SCREW, MACHINE .....	4
25	PAOZZ	5310-00-933-8118	80205	MS35338-135	. . WASHER, LOCK .....	4
END OF FIGURE						





**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-7  
REPAIR PARTS LIST**

**0009 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM FIGURE 19 P-7 PUMP ASSEMBLY						
1	KFOZZ	4320-01-526-9100	76122	C31796	SEAL ASSEMBLY, PUMP ..... (PART OF KITS P/Ns 33637 AND 33638)	1
2	KFOZZ	3040-01-526-9102	76122	C33590	SLEEVE, DRIVE ..... (PART OF KITS P/Ns 33637 AND 33638)	1
3	KFOZZ	4320-01-526-9106	76122	C22294	IMPELLER, PUMP ..... (PART OF KITS P/Ns 33637 AND 33638)	1
4	KFOZZ	5330-01-132-5564	76122	22255	GASKET (PART OF KIT P/N 33638) .....	1
5	KFOZZ	5305-01-526-9251	76122	C21249	SCREW, MACHINE (PART OF KIT P/N 33638) .	2
6	KFOZZ	4320-01-526-9224	76122	C27978	PLATE, WEAR, PUMP ..... (PART OF KIT P/N 33638)	1
7	PAOZZ		0U5N7	755MFZ1	VALVE, DRAIN .....	1
8	KFOZZ	5330-00-232-8436	76122	21248	GASKET (PART OF KIT P/N 33638) .....	2
9	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	CAP, PROTECTIVE .....	2
10	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	2
11	PAOZZ	4010-01-526-4626	33813	C51	CHAIN, SECURITY .....	2
12	XBOZZ	4730-01-526-5258	33813	20F-SS	ADAPTER .....	1
13	PAOZZ	5330-00-301-6486	76122	22256	GASKET .....	1
14	PAOZZ	4320-00-005-7560	76122	23022	VALVE FLAPPER, PUMP .....	1
15	PAOZZ	4730-01-526-5276	39428	46825K71	NIPPLE, HEX .....	1
16	PBOOO	4730-01-494-9730	33813	20A-SS	ADAPTER .....	1
17	PBOZZ	6105-01-526-0820	76122	C26197	MOTOR, AC .....	1
18	PBOZZ	6250-01-526-0821	0U5N7	33903006-1	CABLE, MOTOR .....	1
19	PAOZZ	5940-01-350-4066	06383	JN418-212	SPLICE, CONDUCTOR .....	3
20	PAOZZ	5940-00-143-4780	06383	PN14-10R-C	TERMINAL, LUG .....	1
21	PBOZZ	5975-01-097-1734	56501	2524	BOX CONNECTOR, ELEC .....	1
22	PAOZZ	5331-00-588-0892	56501	5262	O-RING .....	1
23	PAOZZ	5975-00-152-1075	56501	141	LOCKNUT, ELECTRICAL .....	1
24	PAOZZ	5975-01-345-6512	06383	PLT1.SI-M	STRAP, TIEDOWN, ELECTRICAL .....	6
25	PBOZZ		76122	34254	COUPLING CLAMP ASSEMBLY .....	1
26	PAOZZ	5305-01-526-0733	76122	21242	SCREW, CAP, HEX .....	8
27	PAOZZ	5310-01-238-0650	76122	21238	WASHER, LOCK .....	8
28	KFOZZ	5301-01-526-9245	76122	21237	NUT, SELF-LOCKING, CAP ..... (PART OF KIT P/N 33638)	2
29	PAOZZ	5310-01-175-6702	76122	21284	NUT, PLAIN, HEX .....	6
30	PAOZZ	5307-01-526-0735	76122	28059	STUD, PLAIN .....	6

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM  
ELECTRIC MOTOR-DRIVEN PUMP ASSEMBLY P-7  
REPAIR PARTS LIST**

**0009 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 02 PRODUCT WATER DISTRIBUTION SYSTEM FIGURE 19 P-7 PUMP ASSEMBLY	
	PBOZZ		76122	33637	KIT, SEAL REPAIR .....	1
					.....GASKET (1) - 4	
					..... SEAL ASSEMBLY, PUMP (1) - 1	
					..... SLEEVE, DRIVE (1) - 2	
	PBOZZ		76122	33638	KIT, PUMP OVERHAUL .....	1
					.....GASKET (1) - 4	
					.....GASKET (2) - 8	
					..... IMPELLER, PUMP (1) - 3	
					..... NUT, SELF-LOCKING, CAP (2) - 28	
					..... PLATE, WEAR, PUMP (1) - 6	
					..... SCREW, MACHINE (2) - 5	
					..... SEAL ASSEMBLY, PUMP (1) - 1	
					..... SLEEVE, DRIVE (1) - 2	
					END OF FIGURE	

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
MICRO-FILTRATION SYSTEM

0010 00

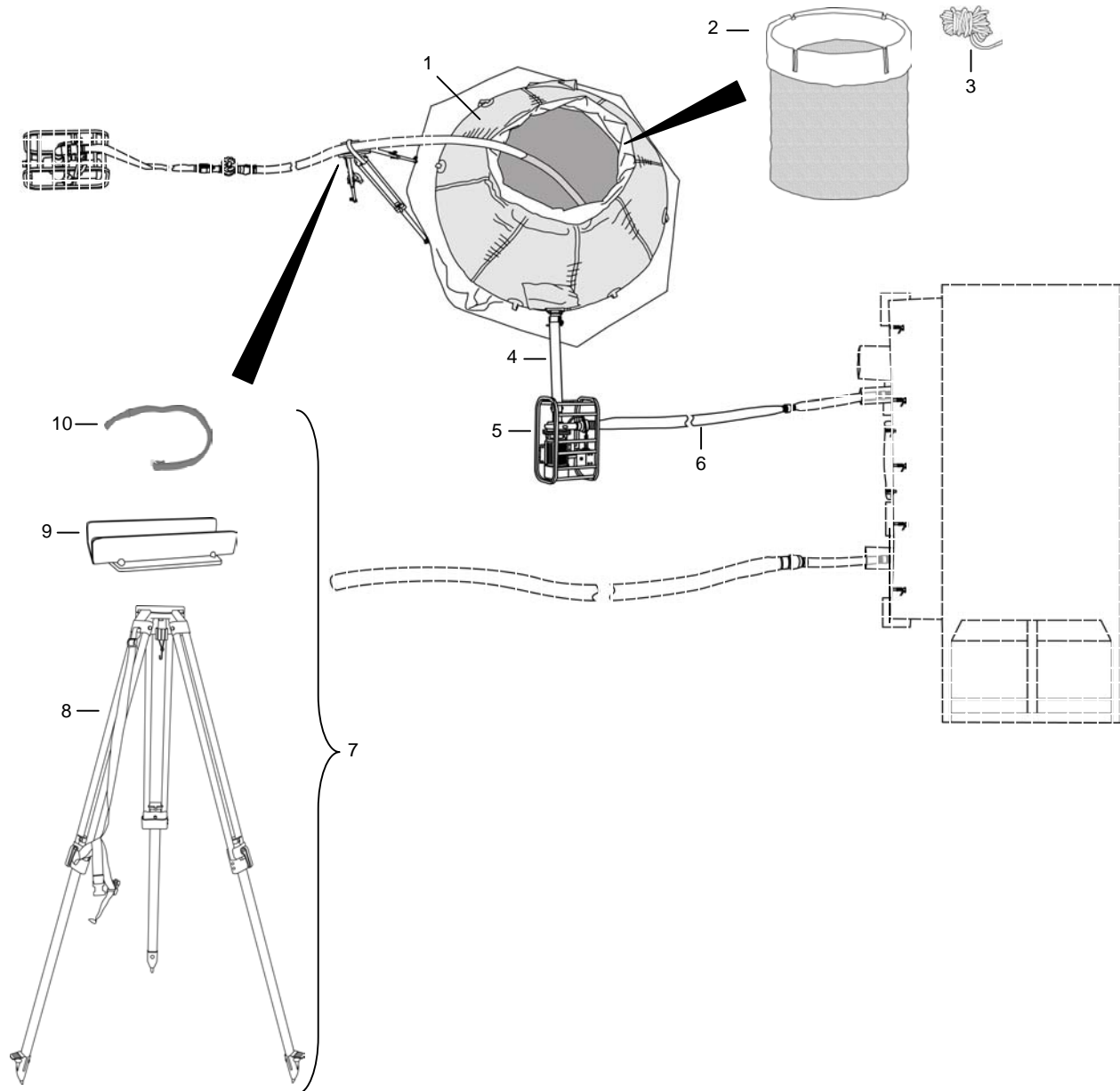


Figure 20. Micro-Filtration System – Off Skid.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
MICRO-FILTRATION SYSTEM  
REPAIR PARTS LIST**

**0010 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 20 MICRO-FILTRATION SYSTEM – OFF SKID						
1	PBOOO	5430015262212	05YK6	RCF-1K-W-OT	TANK, FABRIC, COLLAPSIBLE .....	1
2	PBOZZ	4730015262213	0EXU3	923-08139-000	STRAINER, MF FEED TANK .....	1
3	PAOZZ	4020015262214	0U5N7	33902478-1	ROPE, MF STRAINER .....	1
4	PBOOO		0U5N7	33901096-5	HOSE ASSEMBLY, F05, 3-IN. X 3-FT. ....	1
5	XBOFF		0U5N7	33901108	PUMP ASSEMBLY, MICRO-FILTRATION, P-3 ...	1
6	PBOOO	4720015262218	0U5N7	33901096-8	HOSE ASSEMBLY, F07, 3-IN. X 10-FT. ....	2
7	PBOOO	6625015269713	0U5N7	33901322	TRIPOD ASSEMBLY .....	1
8	PBOZZ	6625015268817	1Y0Q2	60-ALQR2	. TRIPOD .....	1
9	XBOZZ		0U5N7	33901319	. SUPPORT, HOSE .....	1
10	PAOZZ	5340015263635	39428	3955T73	. STRAP, TIEDOWN .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
MICRO-FILTRATION SYSTEM

0010 00

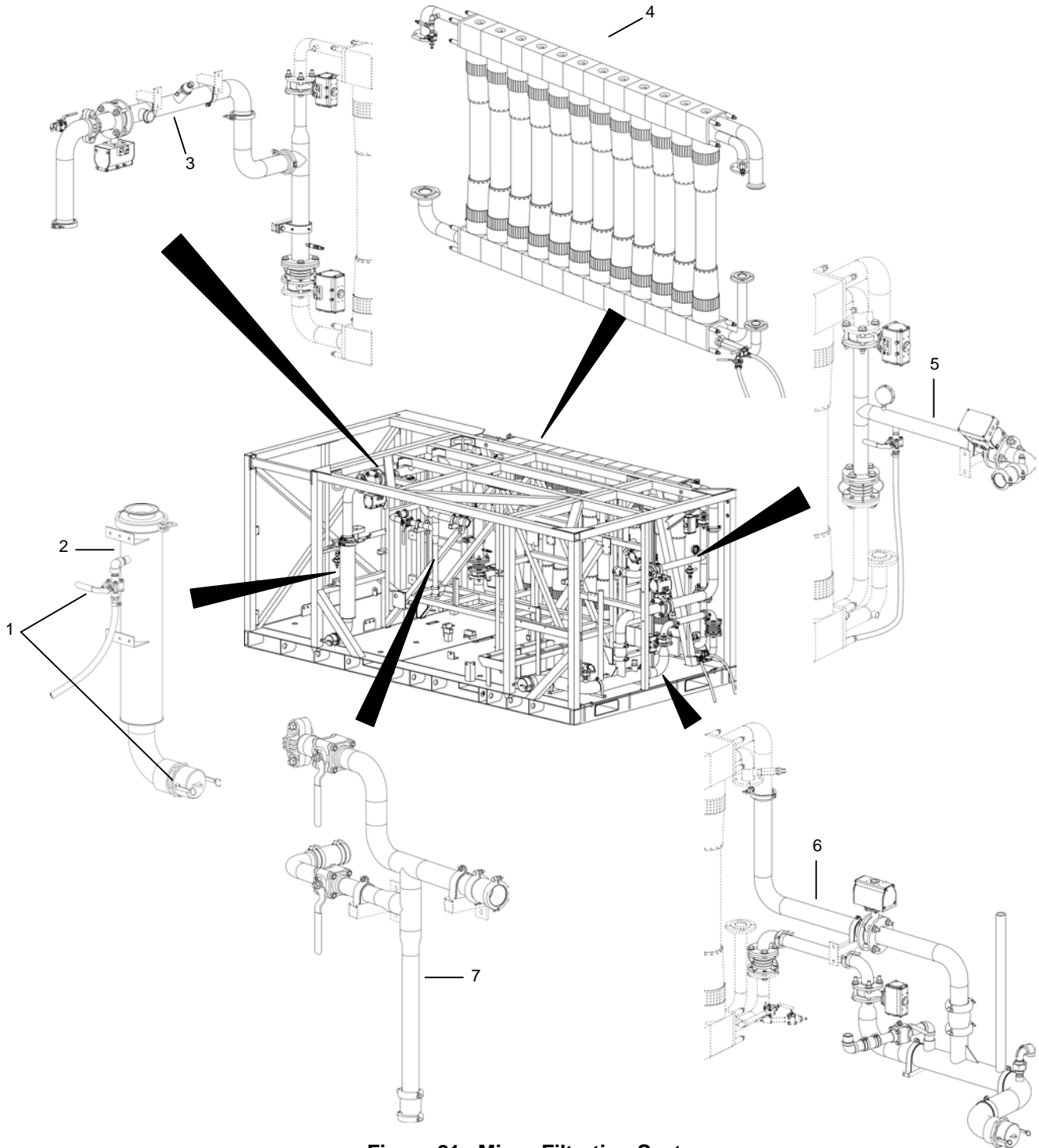


Figure 21. Micro-Filtration System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
MICRO-FILTRATION SYSTEM  
REPAIR PARTS LIST**

**0010 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 21 MICRO-FILTRATION SYSTEM						
1	XBOOO		0EXU3	799-D-13046	PIPING ASSEMBLY F10 .....	1
2	XBOOO		0EXU3	529-07664	ASSEMBLY, STRAINER S-2.....	1
3	XBOOO		0EXU3	799-D-13047	PIPING ASSEMBLY F11 .....	1
4	XBOOO		0EXU3	732-D-08067	MODULE / ADAPTER ASSEMBLY .....	1
5	XBOOO		0EXU3	799-D-13043	PIPING ASSEMBLY M01 .....	1
6	XBOOO		0EXU3	799-D-13040	PIPING ASSEMBLY R01 .....	1
7	XBOOO		0EXU3	799-D-13051	PIPING ASSEMBLY C01 .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
HOSE ASSEMBLIES

0011 00

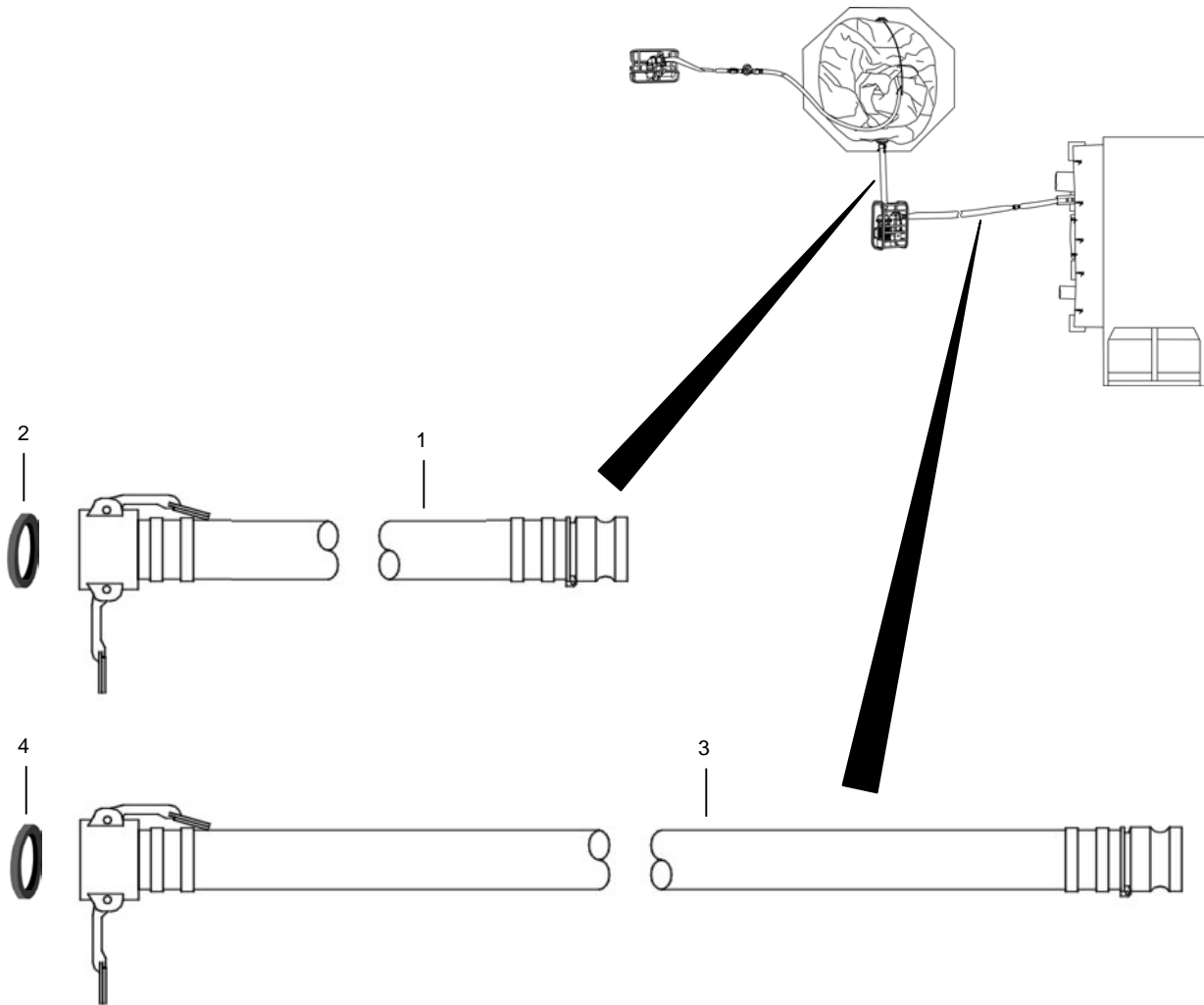


Figure 22. Hose Assemblies.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
HOSE ASSEMBLIES  
REPAIR PARTS LIST**

**0011 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 22 HOSE ASSEMBLIES						
1	PBOOO	4720-01-526-2215	0U5N7	33901096-5	ASSEMBLY, HOSE F05, 3 IN X 3 FT .....	1
2	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET .....	1
3	PBOOO	4720-01-526-2218	0U5N7	33901096-8	ASSEMBLY, HOSE F07, 3 IN X 10 FT .....	2
4	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
MF FEED PUMP ASSEMBLY P-3

0012 00

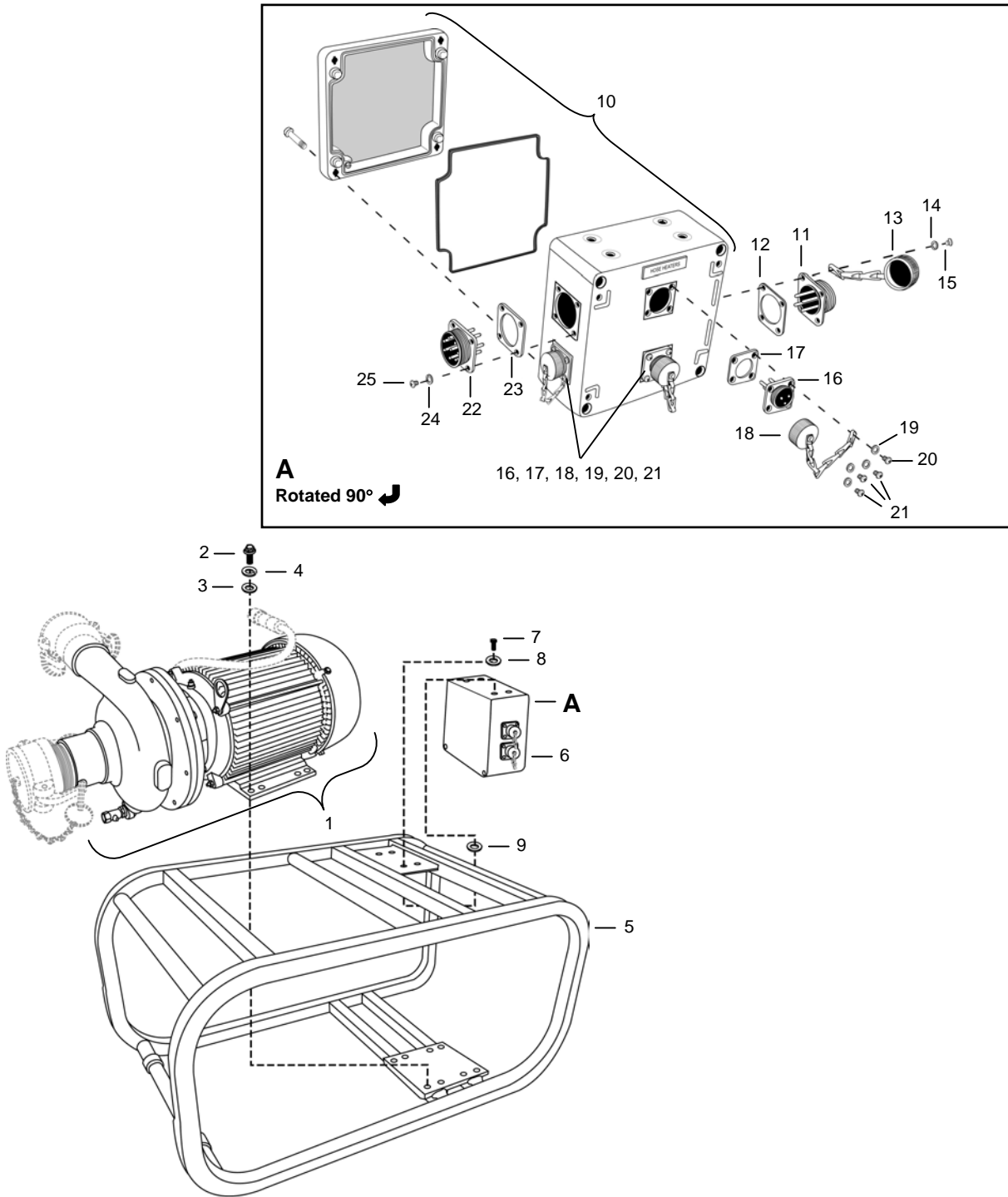


Figure 23. MF Feed Pump Assembly P-3.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
MF FEED PUMP ASSEMBLY P-3  
REPAIR PARTS LIST**

**0012 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 23 MF FEED PUMP ASSY P-3						
1	XBOOO		0TWN3	CC-25868-2-1	PUMP UNIT, CENTRIFUGAL .....	1
2	PAOZZ	5305-00-576-5417	80205	MS35307-360	. SCREW, CAP, HEX .....	4
3	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	4
4	PAOZZ	5310-00-984-7042	80205	NAS1640-616	. WASHER, LOCK .....	4
5	XBOFF		0U5N7	33901016	FRAME .....	1
6	PBOOO	5975-01-526-0813	0U5N7	33901109	ASSY, JUNCTION BOX .....	1
7	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	4
8	PAOZZ	5310-01-486-6770	39428	93783A029	. WASHER, SEAL .....	4
9	PAOZZ	5310-01-526-2738	39428	93781A029	. WASHER, SEAL .....	4
10	XBOZZ		0U5N7	33902366	. ENCLOSURE, ELECTRICAL .....	1
11	PAOZZ		77820	MS3102E22-28P	. CONNECTOR, RECEPTACLE .....	1
12	PAOZZ	5330-00-641-4336	77820	10-40450-22	. GASKET .....	1
13	PAOZZ	5935-00-176-1708	96906	MS25043-22DA	. COVER, RECEPTACLE .....	1
14	PAOZZ	5310-00-933-8118	80205	MS35338-135	. . WASHER, LOCK .....	4
15	PAOZZ	5305-00-054-5651	96906	MS51957-17	. . SCREW, MACHINE .....	4
16	PAOZZ	5935-00-636-5041	96906	MS3102E14S-7S	. CONNECTOR, RECEPTAC LE .....	3
17	PAOZZ	5330-00-795-0441	77820	10-40450-14	. GASKET .....	1
18	PAOZZ	5935-01-181-6651	96906	MS25043-14DA	. COVER, RECEPTACLE .....	1
19	PAOZZ	5310-00-933-8118	80205	MS35338-135	. WASHER, LOCK .....	4
20	PAOZZ	5305-00-054-5651	96906	MS51957-17	. SCREW, MACHINE .....	1
21	PAOZZ	5305-00-054-5649	96906	MS51957-15	. SCREW, MACHINE .....	3
22	PAOZZ	5935-00-683-7824	96906	MS3102E18-10S	CONNECTOR, RECEPTACLE .....	1
23	PAOZZ	5330-00-290-9891	77820	10-40450-18	. GASKET .....	1
24	PAOZZ	5310-00-933-8118	80205	MS35338-135	. WASHER, LOCK .....	4
25	PAOZZ	5305-00-054-5651	96906	MS51957-17	. SCREW, MACHINE .....	4
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
MF FEED PUMP ASSEMBLY P-3

0012 00

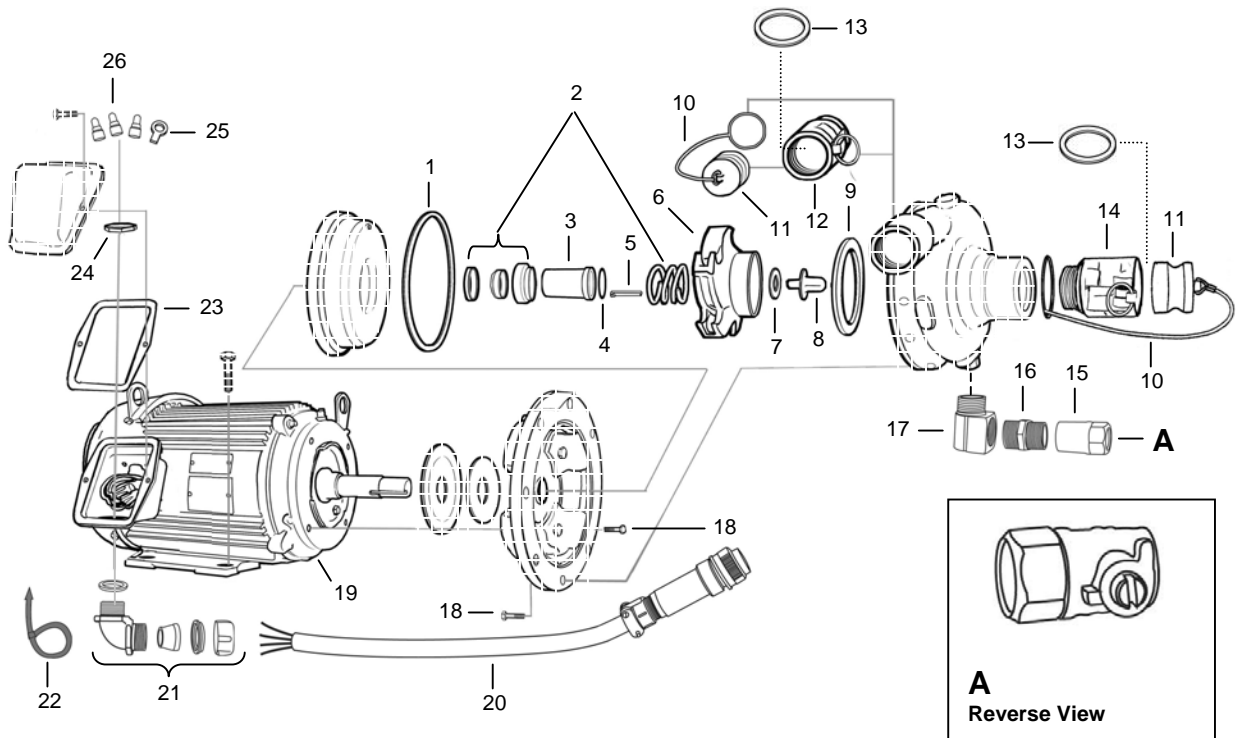


Figure 24. P-3 MF Feed Pump and Motor.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
MF FEED PUMP ASSEMBLY P-3  
REPAIR PARTS LIST**

**0012 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 24 P-3 MF FEED PUMP AND MOTOR						
1	PAOZZ	5330-01-302-7671	0TWN3	GX5041000	GASKET (PART OF KIT P/N GS8103410) .....	1
2	PAOZZ	4320-01-327-5409	0TWN3	GS5097400	SEAL, MECHANICAL .....	1
						(PART OF KIT P/N GS8103410)
3	PBOZZ	4320-01-526-3303	0TWN3	BX8103722	SLEEVE, SHAFT, PUMP .....	1
4	PAOZZ	5331-01-419-8327	0TWN3	GX5098300	O-RING (PART OF KIT P/N GS8103410) .....	1
5	PAOZZ	5315-01-419-3890	0TWN3	GX5051300	KEY, MACHINE .....	1
6	PAOZZ	4320-01-423-8727	0TWN3	BI8200011 6½-IN	IMPELLER, PUMP .....	1
7	PAOZZ	5330-01-419-8326	0TWN3	GX5040500	GASKET (PART OF KIT P/N GS8103410) .....	1
8	PAOZZ	5305-00-420-6834	0TWN3	BI8101271	SCREW, CAP, HEX .....	1
9	PAOZZ	4320-01-426-2369	0TWN3	BW8100032	RING, WEAR .....	1
10	PAOZZ	4010-01-526-4626	33813	C51	CHAIN, SECURITY .....	2
11	PAOZZ	5340-01-526-2794	33813	30W-FDAPOLY	PLUG, PROTECTIVE .....	2
12	PBOOO	4730-01-526-3301	33813	30X20B-SS	COUPLER/REDUCER .....	1
13	PAOZZ	5330-01-349-6190	33813	NW7	GASKET .....	2
14	PBOOO	4730-01-526-3302	33813	30X25B-SS	COUPLER/REDUCER .....	1
15	PAOZZ		0U5N7	755MFZ1	VALVE, DRAIN .....	1
16	PAOZZ	4730-01-481-5419	39428	4429K412	BUSHING, PIPE .....	1
17	PAOZZ	4730-01-526-2802	39428	50785K44	ELBOW, PIPE .....	1
18	PAOZZ	5305-00-990-0668	80205	MS16995-81	SCREW, CAP, HEX .....	12
19	XBOOO	6105-01-526-9674	0TWN3	GM5G14303	MOTOR, AC .....	1
20	PAOZZ	6150-01-526-2217	0U5N7	33903006-2	CABLE, MOTOR .....	1
21	PAOZZ	5975-00-241-3657	56501	2273	BOX CONNECTOR, ELECTRICAL .....	1
22	PAOZZ	5975-01-345-6512	06383	PLT1.5I-M	STRAP, TIEDOWN, ELECTRICAL .....	3
23	PAOZZ		92940	394829	GASKET .....	1
24	PAOZZ	5975-00-642-7261	56501	142	LOCKNUT, ELECTRICAL .....	1
25	PAOZZ	5940-00-143-4780	06383	PN14-10R-C	TERMINAL, LUG .....	1
26	PAOZZ	5940-01-350-4066	06383	JN418-212	SPLICE, CONDUCTOR .....	3
	PBOZZ	4320-01-419-8328	0TWN3	GS8103410	SEAL ASSEMBLY KIT, SHAFT ..... GASKET (1) – 1 ..... SEAL, MECHANICAL (1) – 2 ..... O-RING (1) – 4 ..... GASKET (1) – 7	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F10

0013 00

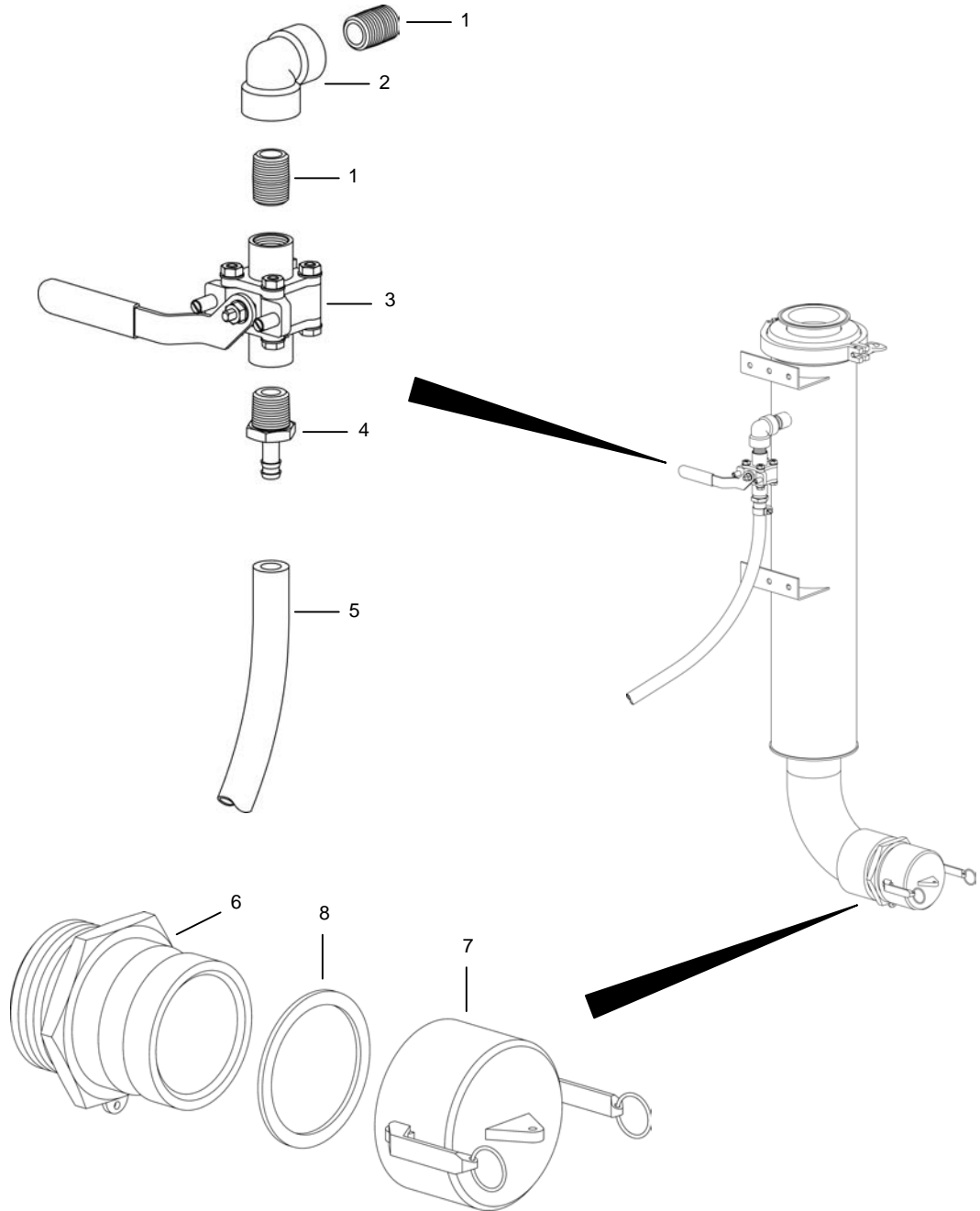


Figure 25. MF Piping Assembly F10.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F10  
REPAIR PARTS LIST**

**0013 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 25 MF PIPING ASSEMBLY F10						
1	XBOZZ		0EXU3	047-08241-000	NIPPLE, PIPE .....	2
2	XBOZZ		0EXU3	859-10389-000	ELBOW, PIPE .....	1
3	PAOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-109) .....	1
4	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
5	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
						(CUT TO LENGTH FROM BULK – 96 INCHES)
6	XBOZZ		0EXU3	858-08751-000	ADAPTER .....	1
7	PAOOO	5340-01-526-3315	0EXU3	858-08654-000	CAP, PROTECTIVE .....	1
8	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
STRAINER S-2 ASSEMBLY

0014 00

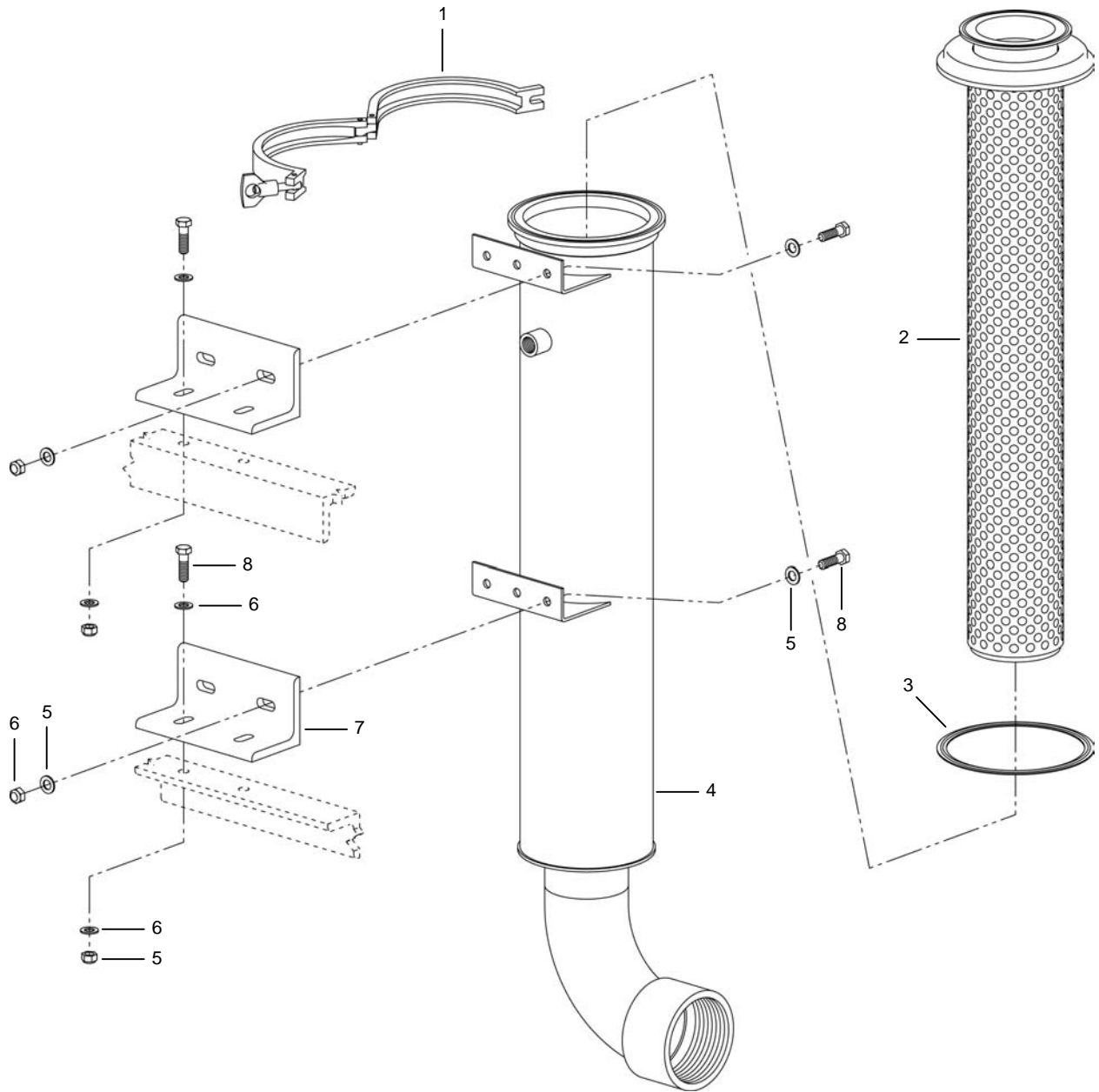


Figure 26. Strainer S-2 Assembly.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
STRAINER S-2 ASSEMBLY  
REPAIR PARTS LIST**

**0014 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 26 STRAINER S-2 ASSEMBLY						
1	PAOZZ	4730-01-467-1501	97403	13229E0692-5	CLAMP, HOSE .....	1
2	XBOZZ		0EXU3	171-07678	BASKET, STRAINER .....	1
3	PAOZZ	5331-01-526-2283	0EXU3	853-09826-000	O-RING .....	1
4	XBOZZ		0EXU3	171-07677	BODY, STRAINER .....	1
5	PAOZZ	5310-00-262-6369	72962	79NU066	NUT, SELF-LOCKING .....	8
6	PAOZZ	5310-00-773-7618	80205	MS15795-814	WASHER, FLAT .....	16
7	XBOZZ		0U5N7	33902413	BRACKET, ANGLE .....	2
8	PAOZZ	5305-00-021-3740	96906	MS35307-364	SCREW, CAP, HEX .....	8
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11

0015 00

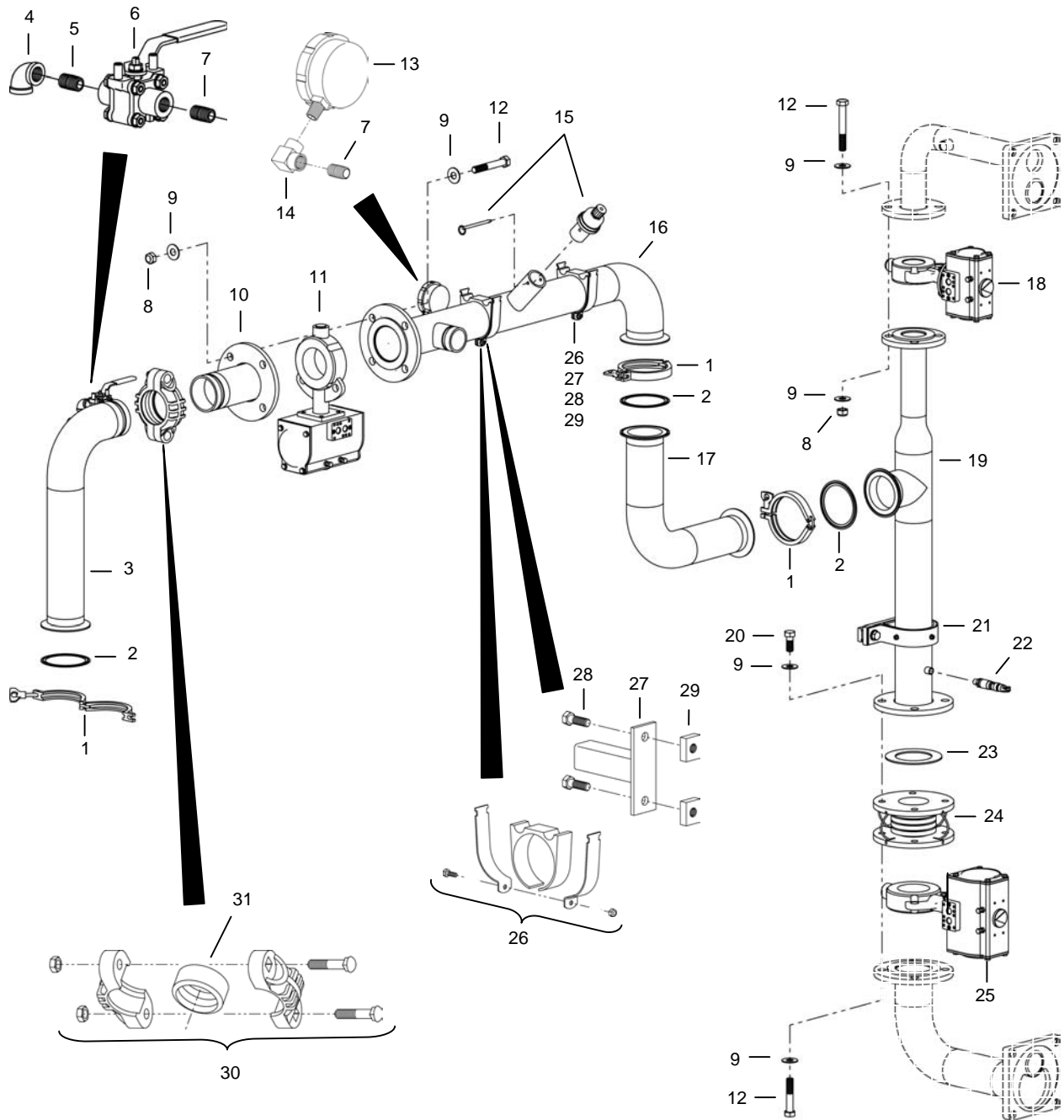


Figure 27. MF Piping Assembly F11.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11  
REPAIR PARTS LIST**

**0015 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 27 MF PIPING ASSEMBLY F11						
1	PAOZZ	5340-01-135-0895	19009	13MHM-4-S	CLAMP, LOOP .....	3
2	PAOZZ	5331-01-526-2298	0EXU3	853-09586-000	. O-RING .....	1
3	XBOZZ		0EXU3	507-12369	PIPE SPOOL .....	1
4	XBOZZ		0EXU3	859-10240	ELBOW , PIPE .....	1
5	XBOZZ		0EXU3	857-07820	NIPPLE, PIPE .....	1
6	PBOZZ	4820-01-526-2303	0EXU3	941-10704-000	VALVE, BALL (V-110) .....	1
7	XBOZZ		0EXU3	857-08480	NIPPLE, PIPE .....	2
8	PAOZZ	5310-01-526-9694	0EXU3	869-08574-000	NUT, SELF-LOCKING .....	8
9	PAOZZ	5310-01-526-2288	0EXU3	952-07591-000	WASHER, FLAT .....	24
10	XBOZZ		0EXU3	507-12408	PIPE SPOOL .....	1
11	PBOOO	4820-01-526-2304	0EXU3	940-09108-000	ASSY, VALVE V-111 .....	1
12	PAOZZ	5305-01-526-2292	0EXU3	868-09535-000	SCREW, CAP, HEX .....	12
13	PBOZZ	6685-01-526-2314	0KMP4	1511166	GAUGE, PRESSURE .....	1
14	XBOZZ		0EXU3	859-10409	ELBOW, PIPE .....	1
15	PBOZZ	6680-01-526-3440	52998	F1A11B2T20S	SENSOR, FLOW .....	1
16	XBOZZ		0EXU3	507-12370	PIPE SPOOL .....	1
17	XBOZZ		0EXU3	507-12371	PIPE SPOOL .....	1
18	PBOOO	4820-01-526-2296	0EXU3	940-09062-000	ASSY, VALVE V-112 .....	1
19	XBOZZ		0EXU3	507-12372	PIPE SPOOL .....	1
20	PAOZZ	5305-01-526-2295	0EXU3	868-09354-000	SCREW, CAP, HEX .....	4
21	XCOOO		0U5N7	33908025	ASSY, PIPE RESTRAINT .....	1
22	PBOZZ	6685-01-526-3457	1CE49	PTX 317-8938	TRANSMITTER, PRESSURE PT-101.....	1
23	PAOZZ	5330-01-526-2301	0EXU3	853-08789-000	GASKET .....	1
24	XBOZZ		0EXU3	837-08022	EXPANSION JOINT .....	1
25	PBOOO	4820-01-526-2286	0EXU3	940-09058-000	ASSY, VALVE V-113 .....	1
26	PAOZZ	4730-01-526-2285	55017	200300-4-666	CLAMP, CUSHIONING .....	2
27	XBOZZ		0U5N7	33901151-6	HANGER, PIPE .....	2
28	PAOZZ	5306-01-526-2820	1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
29	PAOZZ	5310-01-526-2812	1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
30	PAOZZ	5342-01-526-2307	0EXU3	909-07954	COUPLING, GROOVED .....	1
31	PAOZZ	5330-01-271-5159	79154	STYLE 77/75/78-3.0IN GR E	. GASKET .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11

0015 00

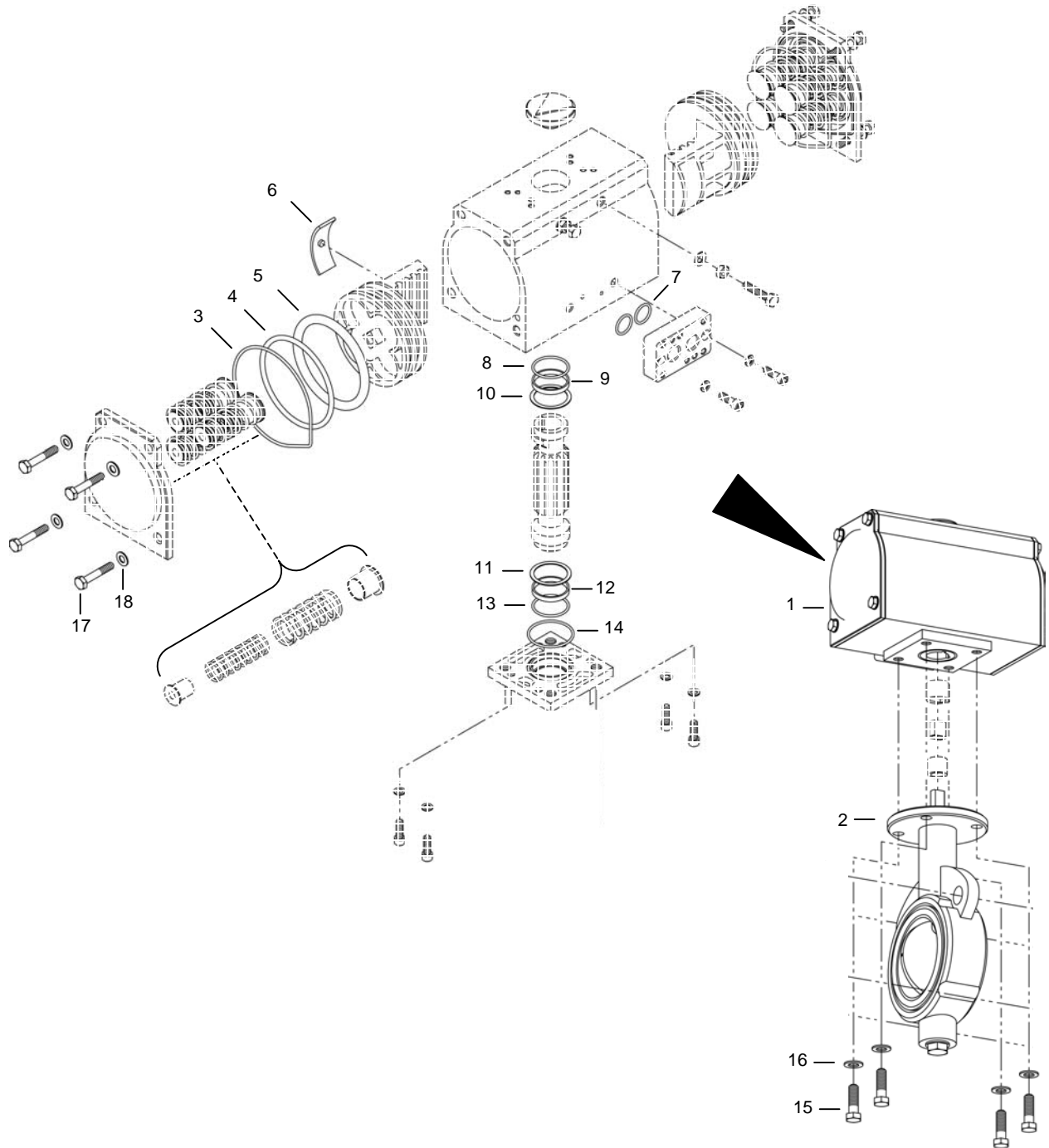


Figure 28. Valve Assembly V-111.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11  
REPAIR PARTS LIST**

**0015 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 28 VALVE ASSEMBLY V-111						
1	PBOOO	4810-01-526-3397	04613	MRP-009U-K-S081	ACTUATOR, PNEUMATIC .....	1
2	PBOZZ		0GDV2	786-703-030-221-302	VALVE, BUTTERFLY .....	1
3	KFOZZ				O-RING, END CAP .....	2
4	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) RING, SUPPORT, PISTON .....	2
5	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) O-RING, PISTON .....	2
6	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) PAD, BACKING, PISTON .....	2
7	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) O-RING, AIR CONNECTION PLATE .....	2
8	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) O-RING, TOP, SHAFT .....	1
9	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) BEARING, TOP .....	1
10	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) SPACER, TOP .....	1
11	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) SPACER, BOTTOM .....	1
12	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) BEARING, BOTTOM .....	1
13	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) O-RING, BOTTOM, SHAFT .....	1
14	KFOZZ				(PART OF KIT P/N MRP-009-RPKT-N) O-RING, BASE PLATE .....	1
15	PAOZZ		0EXU3	868-08028-000	SCREW, CAP, HEX .....	4
16	PAOZZ		0EXU3	952-07629-000	WASHER, LOCK .....	4
17	PAOZZ		0EXU3	93635A241	SCREW, CAP, HEX .....	8
18	PAOZZ		0EXU3	90965A170	WASHER, FLAT .....	8
	PAOZZ		04613	MRP-009-RPKT-N	REPAIR KIT, ACTUATOR .....	1
					..... BEARING, TOP (1) - 9	
					..... BEARING, BOTTOM (1) - 12	
					...O-RING, AIR CONNECTION PLATE (2) - 7	
					..... O-RING, BASE PLATE (1) - 14	
					..... O-RING, BOTTOM, SHAFT (1) - 13	
					..... O-RING, END CAP (2) - 3	
					..... O-RING, PISTON (2) - 5	
					..... O-RING, TOP, SHAFT (1) - 8	
					..... PAD, BACKING, PISTON (2) - 6	
					..... RING, SUPPORT, PISTON (2) - 4	
					..... SPACER, BOTTOM (1) - 11	
					..... SPACER, TOP (1) - 10	
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11

0015 00

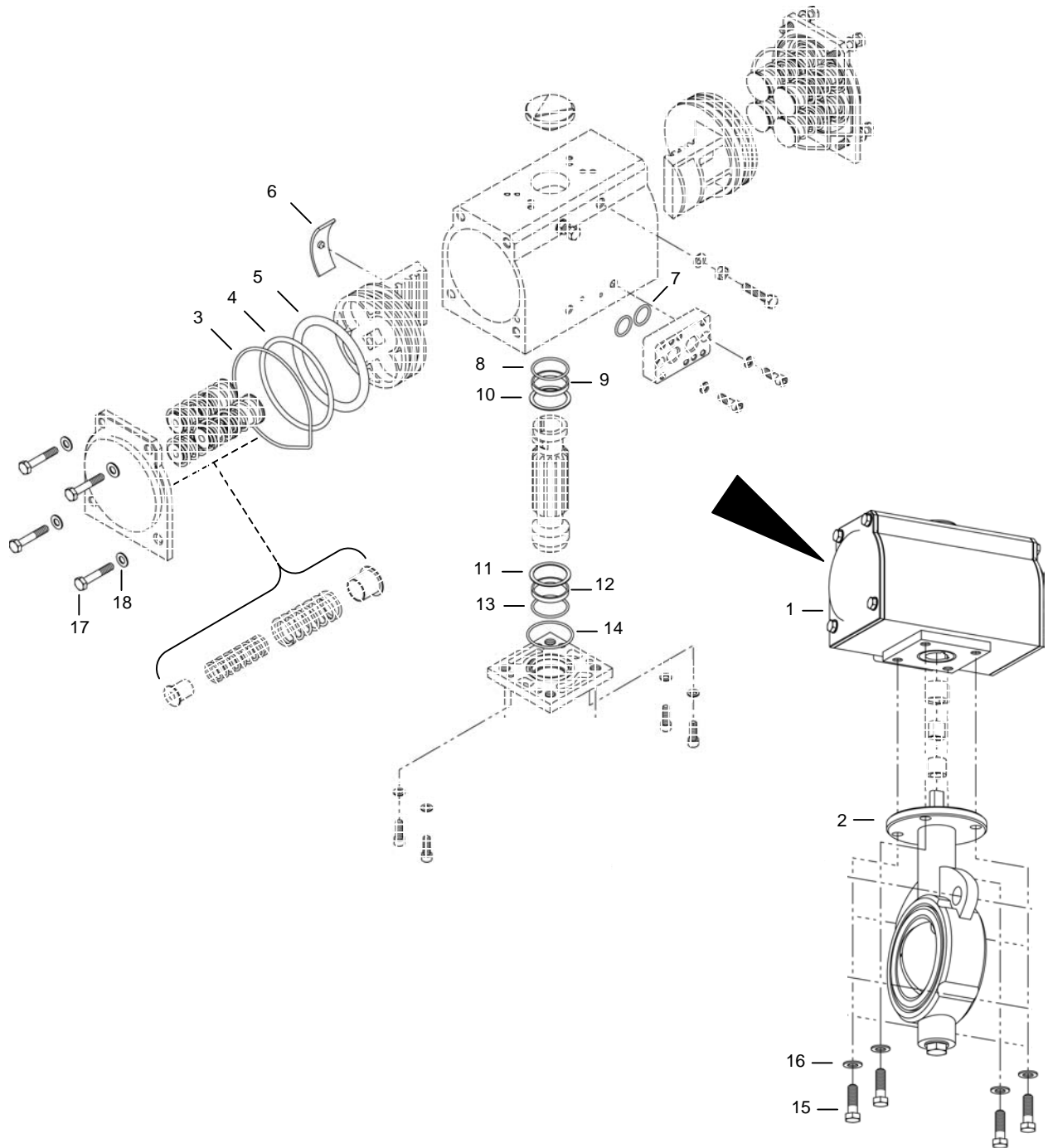


Figure 29. Valve Assembly V-112.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11  
REPAIR PARTS LIST**

**0015 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 29 VALVE ASSEMBLY V-112						
1	PBOOO	4810-01-526-3350	04613	MRP-004U-K-S081	ACTUATOR, PNEUMATIC .....	1
2	PBOZZ	4820-01-526-3349	0GDV2	786-703-020-221-302	VALVE, BUTTERFLY .....	1
3	KFOZZ				O-RING, END CAP .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
4	KFOZZ				RING, SUPPORT, PISTON .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
5	KFOZZ				O-RING, PISTON .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
6	KFOZZ				PAD, BACKING, PISTON .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
7	KFOZZ				O-RING, AIR CONNECTION PLATE .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
8	KFOZZ				O-RING, TOP, SHAFT .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
9	KFOZZ				BEARING, TOP .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
10	KFOZZ				SPACER, TOP .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
11	KFOZZ				SPACER, BOTTOM .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
12	KFOZZ				BEARING, BOTTOM .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
13	KFOZZ				O-RING, BOTTOM, SHAFT .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
14	KFOZZ				O-RING, BASE PLATE .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
15	PAOZZ	5305-01-526-3369	0EXU3	868-08028-000	SCREW, CAP, HEX .....	4
16	PAOZZ	5310-01-526-3370	0EXU3	952-07629-000	WASHER, LOCK .....	4
17	PAOZZ		0EXU3	93635A241	SCREW, CAP, HEX .....	8
18	PAOZZ		0EXU3	90965A170	WASHER, FLAT .....	8
	PAOZZ	4810-01-526-3351	04613	MRP-004-RPKT-N	REPAIR KIT, ACTUATOR .....	1
					.....BEARING, TOP (1) - 9	
					..... BEARING, BOTTOM (1) - 12	
					.....O-RING, AIR CONNECTION PLATE (2) - 7	
					..... O-RING, BASE PLATE (1) - 14	
					..... O-RING, BOTTOM, SHAFT (1) - 13	
					.....O-RING, END CAP (2) - 3	
					.....O-RING, PISTON (2) - 5	
					..... O-RING, TOP, SHAFT (1) - 8	
					..... PAD, BACKING, PISTON (2) - 6	
					.....RING, SUPPORT, PISTON (2) - 4	
					..... SPACER, BOTTOM (1) - 11	
					.....SPACER, TOP (1) - 10	
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11

0015 00

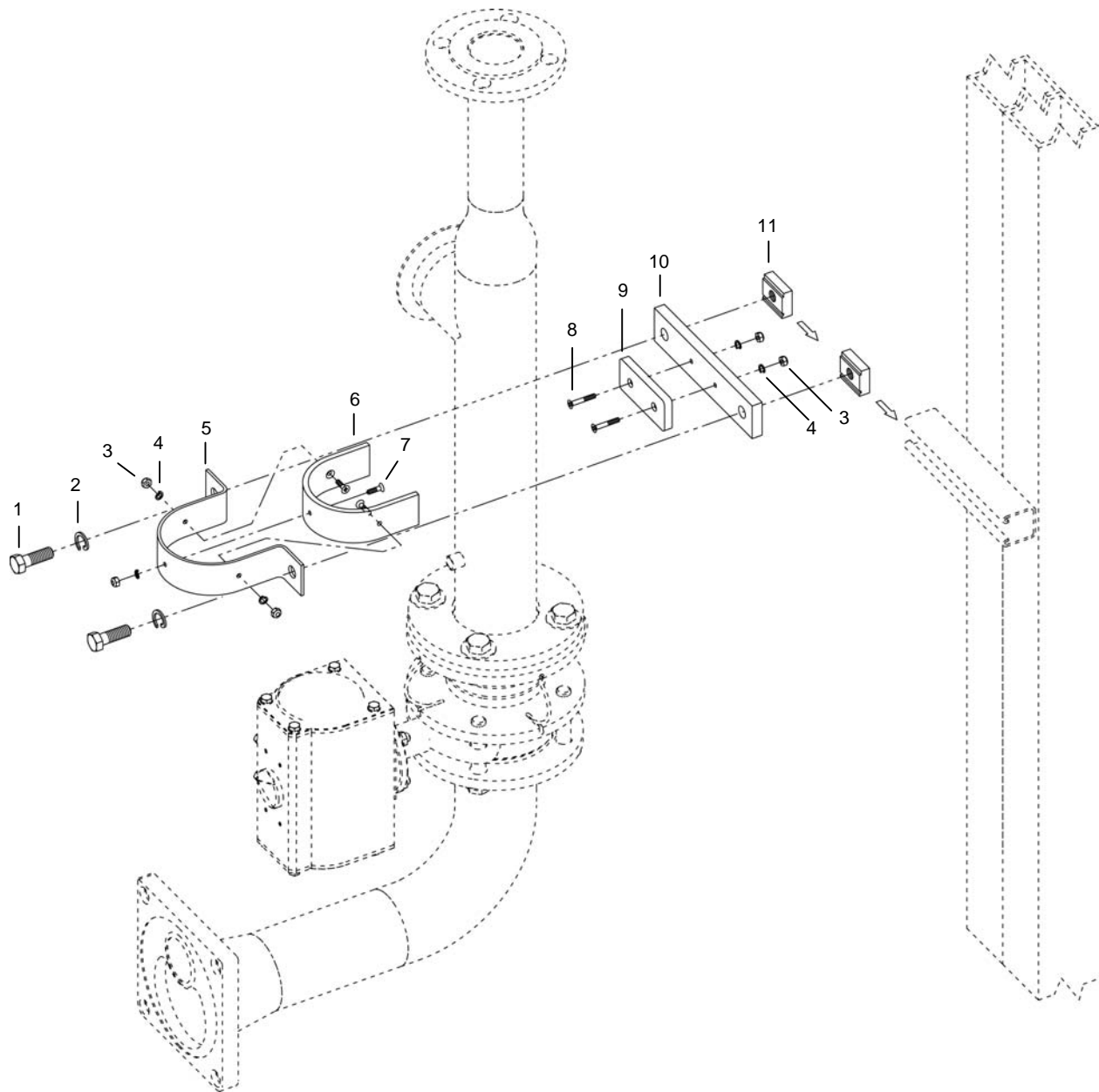


Figure 30. MF Pipe Restraint Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11  
REPAIR PARTS LIST**

**0015 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 30 MF PIPE RESTRAINT ASSEMBLY						
1	PAOZZ	5305-00-422-9270	96906	MS35307-413S316	SCREW, CAP, HEX .....	2
2	PAOZZ	5310-00-655-6151	96906	MS35335-65	WASHER, LOCK .....	2
3	PAOZZ	5310-00-982-6814	80205	MS21044C08	NUT, SELF-LOCKING .....	5
4	PAOZZ	5310-00-880-5978	80205	MS15795-807	WASHER, FLAT .....	5
5	XBOZZ		0U5N7	33902496	CLAMP .....	1
6	PAOZZ	4730-01-526-2324	0U5N7	33902499	INSERT, CLAMP .....	1
7	PAOZZ	5305-00-088-9671	96906	MS24693-C52	SCREW, MACHINE .....	3
8	PAOZZ	5305-00-902-2138	96906	MS24693-C56	SCREW, MACHINE .....	2
9	PAOZZ	5340-01-526-2320	0U5N7	33902498	INSERT, CLAMP .....	1
10	XBOZZ		0U5N7	33902497	BLOCK, MOUNTING .....	1
11	PAOZZ		1KXJ3	FS-1/2 NS ST	NUT, CHANNEL .....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11

0015 00

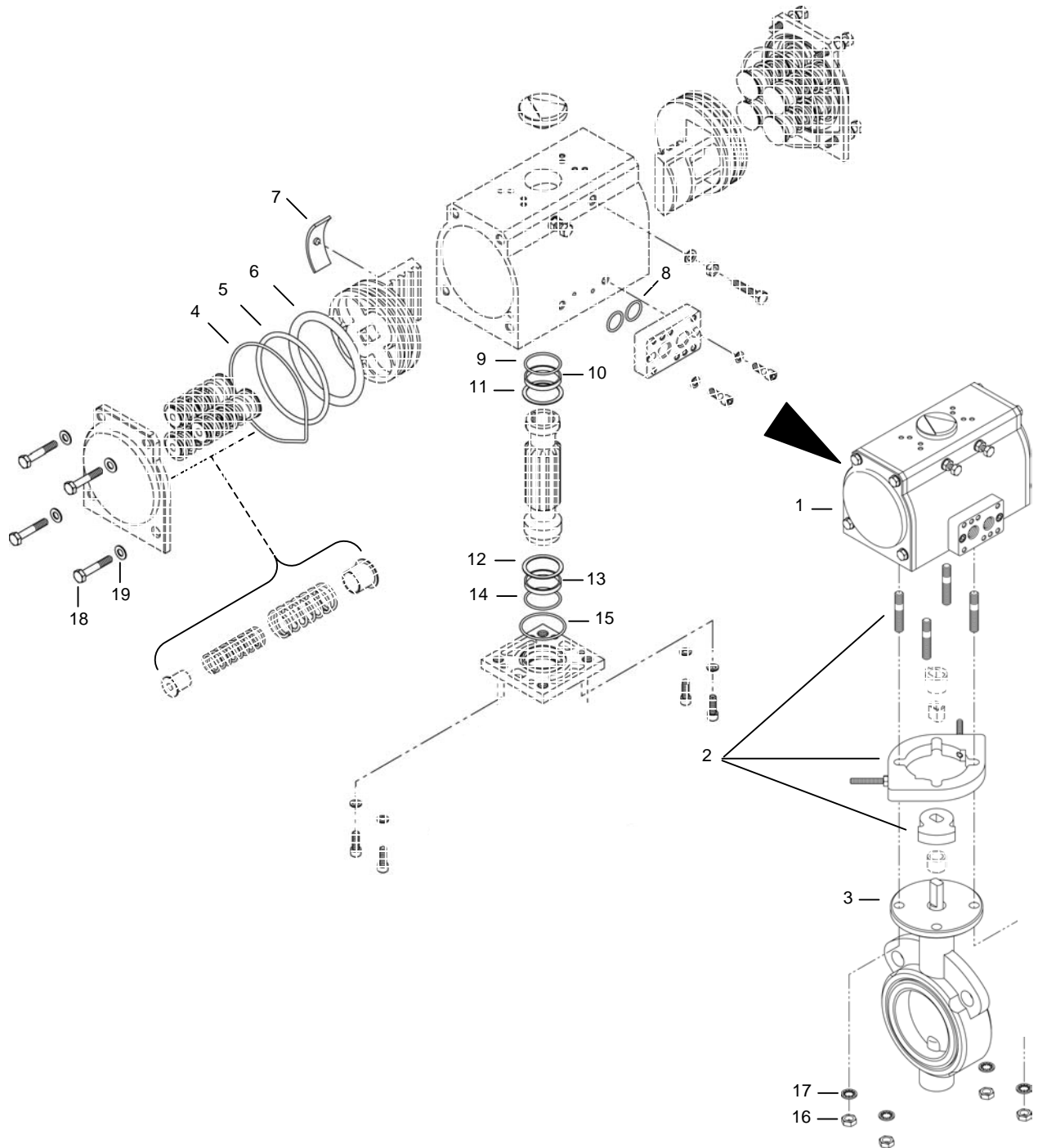


Figure 31. Valve Assembly V-113.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY F11  
REPAIR PARTS LIST**

**0015 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 31 VALVE ASSEMBLY V-113						
1	PBOOO	4810015263323	04613	MRP-009U-K-S080	ACTUATOR, PNEUMATIC .....	1
2	PAOZZ	3040-01-454-5333	04613	198-935-060-790-035	CAM STOP, TRAVEL ADJUST .....	1
3	PBOZZ		0GDV2	786-703-030-221-302	VALVE, BUTTERFLY .....	1
4	KFOZZ				O-RING, END CAP .....	2
					(PART OF KIT P/N MRP-009-RPKT-N)	
5	KFOZZ				RING, SUPPORT, PISTON .....	2
					(PART OF KIT P/N MRP-009-RPKT-N)	
6	KFOZZ				O-RING, PISTON .....	2
					(PART OF KIT P/N MRP-009-RPKT-N)	
7	KFOZZ				PAD, BACKING, PISTON .....	2
					(PART OF KIT P/N MRP-009-RPKT-N)	
8	KFOZZ				O-RING, AIR CONNECTION PLATE .....	2
					(PART OF KIT P/N MRP-009-RPKT-N)	
9	KFOZZ				O-RING, TOP, SHAFT .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
10	KFOZZ				BEARING, TOP .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
11	KFOZZ				SPACER, TOP .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
12	KFOZZ				SPACER, BOTTOM .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
13	KFOZZ				BEARING, BOTTOM .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
14	KFOZZ				O-RING, BOTTOM, SHAFT .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
15	KFOZZ				O-RING, BASE PLATE .....	1
					(PART OF KIT P/N MRP-009-RPKT-N)	
16	PAOZZ	5310015269690	0EXU3	869-00278-000	NUT, PLAIN, HEX .....	4
17	PAOZZ	5310015269692	0EXU3	952-00317-000	WASHER, LOCK .....	4
18	PAOZZ	5305015263330	0EXU3	93635A241	SCREW, CAP, HEX .....	8
19	PAOZZ	5310015263331	0EXU3	90965A170	WASHER, FLAT .....	8
	PAOZZ	4810015263325	04613	MRP-009-RPKT-N	REPAIR KIT, ACTUATOR .....	1
					.....BEARING, TOP (1) - 10	
					.....BEARING, BOTTOM (1) - 13	
					.....O-RING, AIR CONNECTION PLATE (2) - 8	
					.....O-RING, BASE PLATE (1) - 15	
					.....O-RING, BOTTOM, SHAFT (1) - 14	
					.....O-RING, END CAP (2) - 4	
					.....O-RING, PISTON (2) - 6	
					.....O-RING, TOP, SHAFT (1) - 9	
					.....PAD, BACKING, PISTON (2) - 7	
					.....RING, SUPPORT, PISTON (2) - 5	
					.....SPACER, BOTTOM (1) - 12	
					.....SPACER, TOP (1) - 11	
					END OF FIGURE	

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
FILTER MODULE ASSEMBLY

0016 00

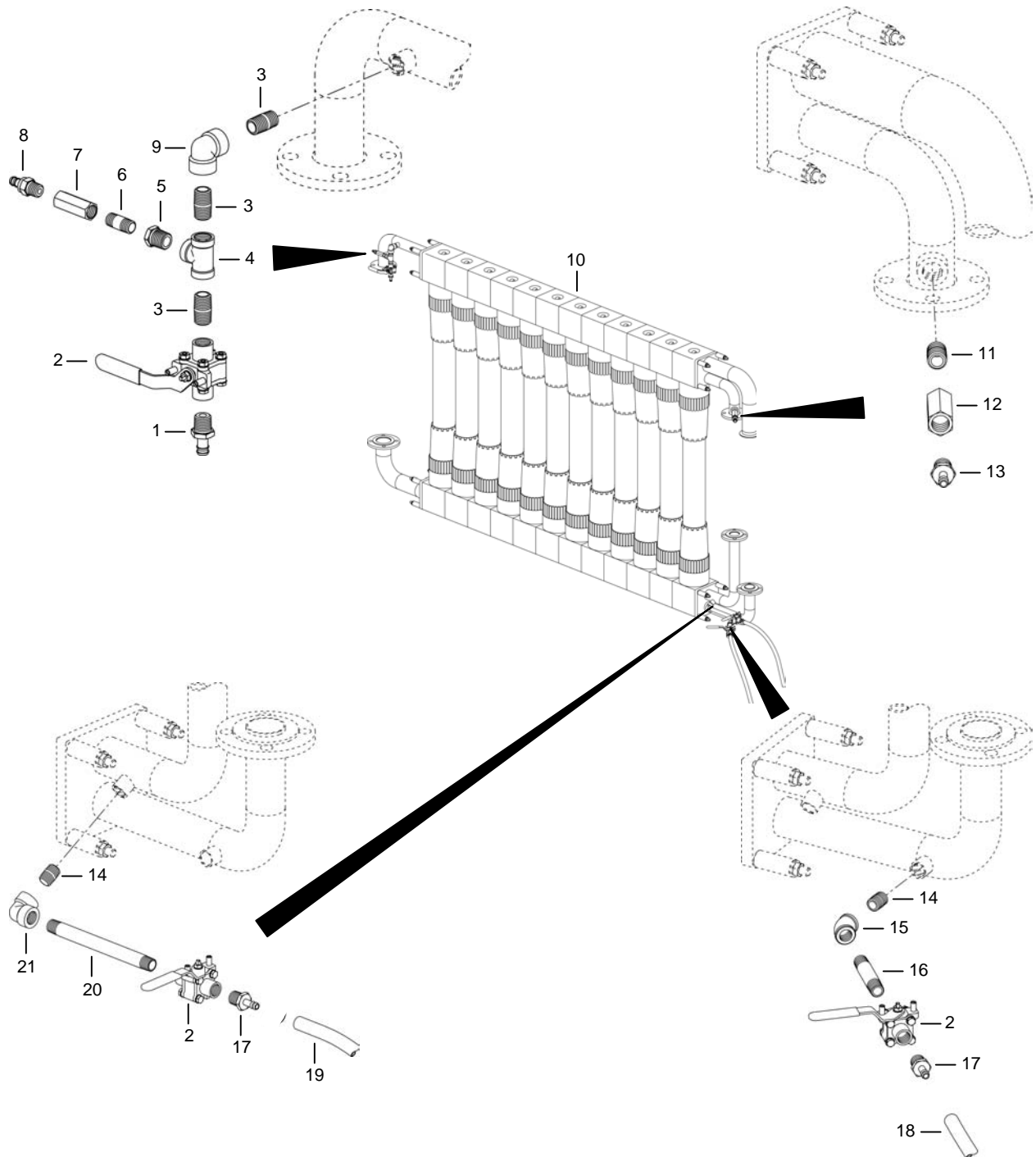


Figure 32. MF Module / Adapter Assembly (Front View).



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
FILTER MODULE ASSEMBLY  
REPAIR PARTS LIST**

**0016 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 32 MF MODULE /ADAPTER ASSEMBLY						
1	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
2	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-114, V-203, V-403) .....	3
3	XBOZZ		0EXU3	857-08450-000	NIPPLE, PIPE .....	3
4	XBOZZ		0EXU3	859-10393-000	TEE, PIPE .....	1
5	XBOZZ		0EXU3	845-08833-000	BUSHING, PIPE .....	1
6	XBOZZ		0EXU3	857-08457-000	NIPPLE, PIPE .....	1
7	PBOZZ	4820-01-526-2538	0EXU3	940-09027-000	VALVE, CHECK (V-911) .....	1
8	PAOZZ	4730-01-499-6583	02570	SS-PB6-PM6	ADAPTER, STRAIGHT .....	1
9	XBOZZ		0EXU3	859-10417-000	ELBOW, PIPE .....	1
10	XBOOO		05430	6001-361	FILTER MODULE ASSEMBLY .....	1
11	XBOZZ		0EXU3	857-08469-000	NIPPLE, PIPE .....	1
12	PBOZZ	4820-01-526-2531	0EXU3	940-09111-000	VALVE, CHECK (V-912) .....	1
13	XBOZZ		02570	SS-PB12-PM12	ADAPTER, STRAIGHT .....	1
14	XBOZZ		0EXU3	857-08492-000	NIPPLE, PIPE .....	2
15	XBOZZ		0EXU3	859-10408-000	ELBOW, PIPE .....	1
16	XBOZZ		0EXU3	857-08497-000	NIPPLE, PIPE .....	1
17	XBOZZ		39428	53505K68	ADAPTER, STRAIGHT .....	2
18	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH FROM BULK – 42 INCHES)	
19	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH FROM BULK – 45 INCHES)	
20	XBOZZ		0EXU3	857-08493-000	NIPPLE, PIPE .....	1
21	XBOZZ		0EXU3	859-10407-000	ELBOW, PIPE .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
FILTER MODULE ASSEMBLY

0016 00

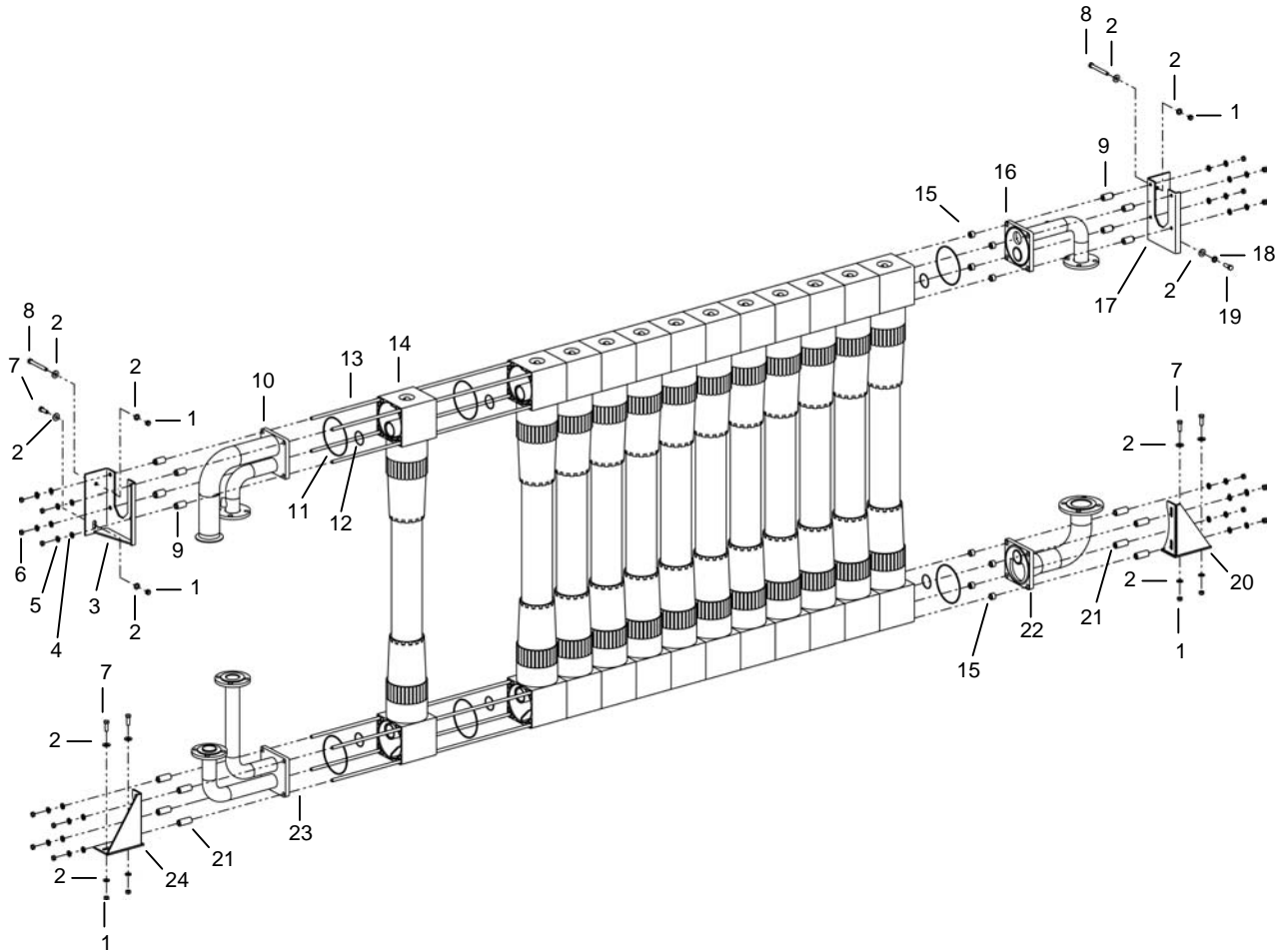


Figure 33. MF Filter Module Assembly (Rear View).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
FILTER MODULE ASSEMBLY  
REPAIR PARTS LIST**

**0016 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 33 MF FILTER MODULE ASSEMBLY						
1	PAOZZ	5310-01-424-8423	49181	77864	NUT, SELF-LOCKING .....	7
2	PAOZZ	5310-00-767-9425	80205	MS15795-818	WASHER, FLAT .....	15
3	XBOZZ		0U5N7	33901020	BRACKET, ANGLE .....	1
4	PAOZZ	5310-01-526-3607	05430	5402-112	WASHER, FLAT .....	16
5	PAOZZ	5310-01-264-9409	15526	DIN127B-M12-A4C	WASHER, LOCK .....	16
6	PAOZZ	5310-01-526-3609	05430	5401-112	NUT, PLAIN, HEX .....	16
7	PAOZZ	5305-00-727-6804	96906	MS35307-414	SCREW, CAP, HEX (1¼ ").....	5
8	PAOZZ	5305-00-225-3661	96906	MS35307-424	SCREW, CAP, HEX (4¼ ") .....	2
9	PAOZZ	5365-01-526-3621	0U5N7	33902415-2	SPACER .....	8
10	XBOZZ		0EXU3	507-12338	PIPING ADAPTER .....	1
11	PAOZZ	5331-01-526-3606	05430	10540577	O-RING .....	26
12	PAOZZ		05430	10540578	O-RING .....	26
13	XBOZZ		05430	1000333	ROD, TIE .....	8
14	PBOOO	4610-01-526-3600	05430	111039	MODULE, FILTRATION .....	12
15	PAOZZ	5365-01-526-3622	0U5N7	33902415-3	SPACER .....	8
16	XBOZZ		0EXU3	507-12339	PIPING ADAPTER .....	1
17	XBOZZ		0U5N7	33901019	BRACKET, ANGLE .....	1
18	PAOZZ	5310-00-933-8778	80205	MS35338-143	WASHER, LOCK .....	1
19	PAOZZ	5305-00-021-3801	96906	MS35307-411	SCREW, CAP, HEX (1¼ ") .....	1
20	XBOZZ		0U5N7	33901018	BRACKET, ANGLE .....	1
21	PAOZZ	5365-01-526-3618	0U5N7	33902415-1	SPACER .....	8
22	XBOZZ		0EXU3	507-12336	PIPING ADAPTER .....	1
23	XBOZZ		0EXU3	507-12337	PIPING ADAPTER .....	1
24	XBOZZ		0U5N7	33901021	BRACKET, ANGLE .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
FILTER MODULE ASSEMBLY

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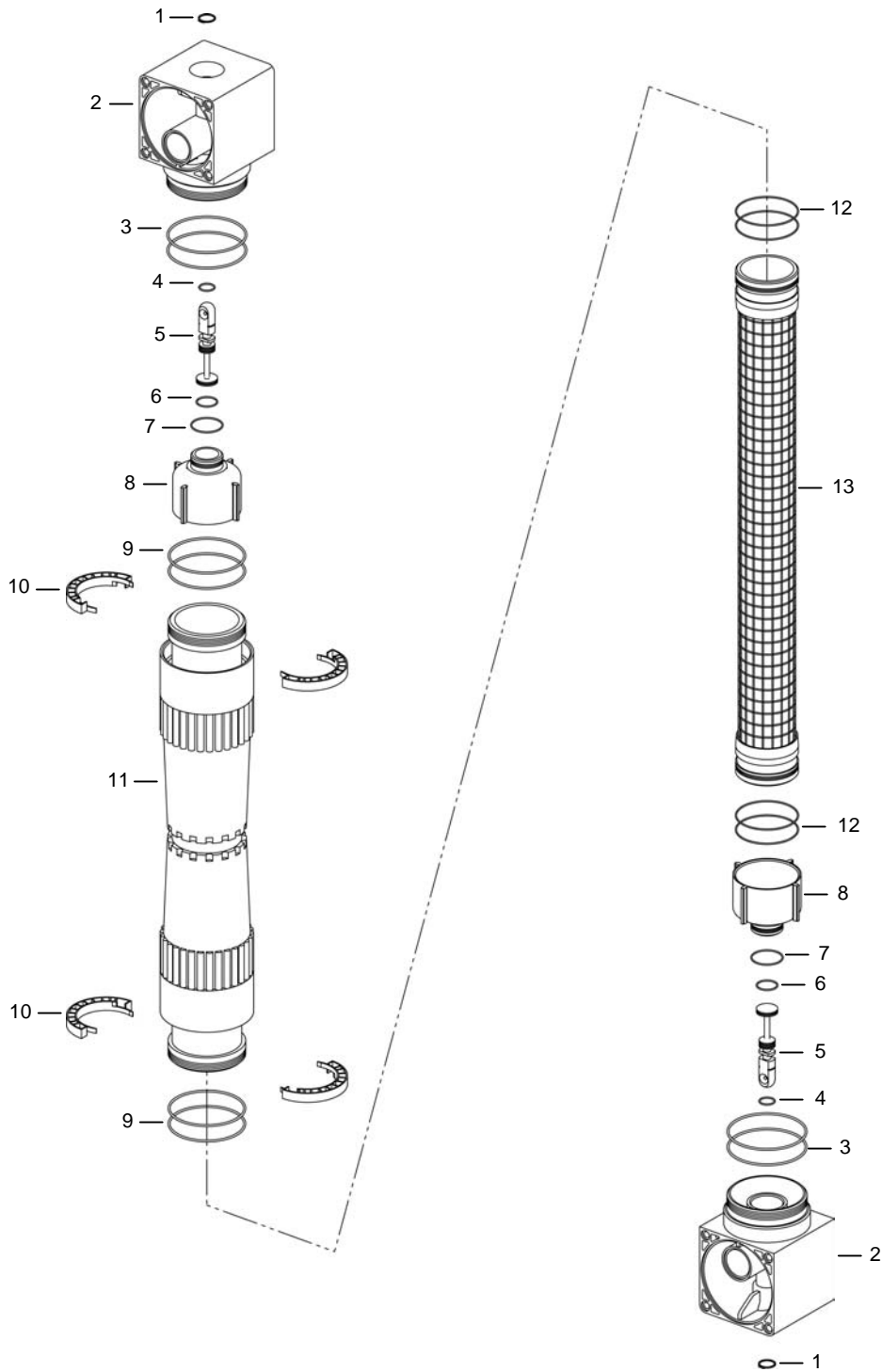


Figure 34. Filtration Module.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
FILTER MODULE ASSEMBLY  
REPAIR PARTS LIST**

**0016 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 34 FILTRATION MODULE						
1	PAOZZ	5325-01-526-3510	05430	1000334	RING, SNAP .....	2
2	XBOZZ	4330-01-526-3559	05430	120100	HEAD PIECE .....	2
3	PAOZZ	5331-01-526-3507	05430	10540576	O-RING .....	4
4	PAOZZ	5331-01-526-3503	05430	10540572	O-RING .....	2
5	PBOZZ	4810-01-526-3513	05430	120093	VALVE .....	2
6	PAOZZ	5331-01-526-3501	05430	10540573	O-RING .....	2
7	PAOZZ	5331-01-526-3500	05430	10540578	O-RING .....	2
8	PBOZZ	4330-01-526-3583	05430	120092	CUP, FILTRATE .....	2
9	PAOZZ	5331-01-526-3506	05430	10540575	O-RING .....	4
10	PBOZZ	5340-01-526-3589	05430	120091	CLIP .....	4
11	XBOZZ	4610-01-526-3593	05430	1000338	CENTER TUBE ASSY .....	1
12	PAOZZ	5331-01-526-3504	05430	10540574	O-RING .....	4
13	PBOZZ	4610-01-526-3570	05430	1000336	SUB-MODULE .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY M01

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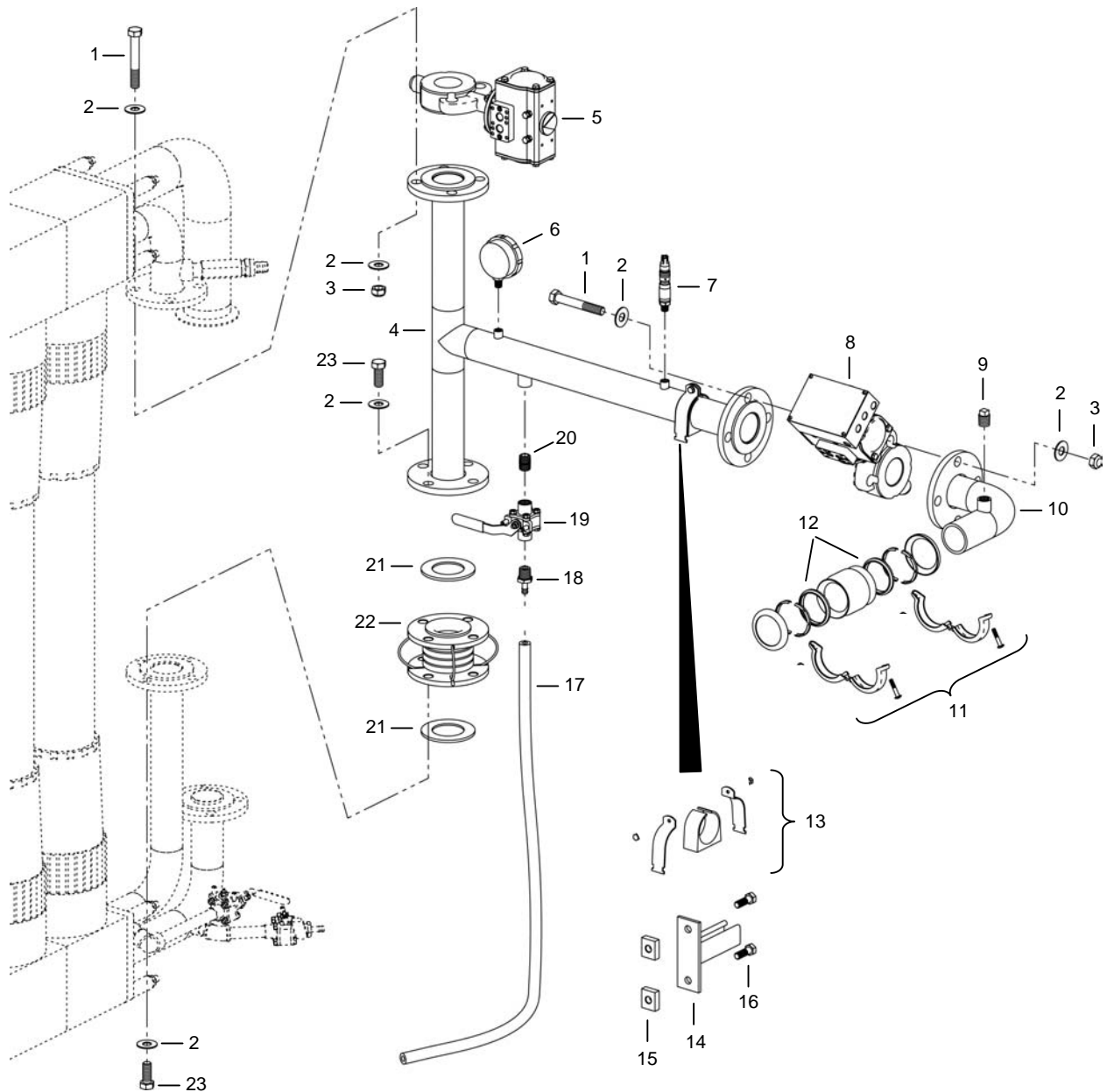


Figure 35. MF Piping Assembly M01.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY M01  
REPAIR PARTS LIST**

**0017 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 35 MF PIPING ASSEMBLY M01						
1	PAOZZ	5305-01-526-2527	0EXU3	868-09451-000	SCREW, CAP, HEX .....	8
2	PAOZZ		0EXU3	952-07591-000	WASHER, FLAT .....	24
3	PAOZZ	5310-01-526-9694	0EXU3	869-08574-000	NUT, SELF-LOCKING .....	8
4	XBOZZ		0EXU3	507-12363	PIPE SPOOL .....	1
5	PBOOO	4820-01-526-2515	0EXU3	940-09064-000	ASSY, VALVE V-201 .....	1
(SEE FIGURE 29 FOR BREAKDOWN)						
6	PBOZZ	6685015262314	0KMP4	1511166	GAUGE, PRESSURE .....	1
7	PBOZZ		1CE49	PTX317-8938	TRANSMITTER, PRESSURE PT-102 .....	1
8	PBOOO	4820-01-526-2517	0EXU3	940-09063-000	ASSY, VALVE V-202 .....	1
9	XBOZZ		0EXU3	858-08733	PLUG, PIPE .....	1
10	XBOZZ		0EXU3	507-12364	PIPE SPOOL .....	1
11	PBOZZ	4730-01-526-2352	0EXU3	318-07583-000	COUPLING, PIPE .....	1
12	PBOZZ		0EXU3	853-08801-000	. GASKET .....	2
13	PAOZZ		555017	200200-4-656	CLAMP, CUSHIONING .....	1
14	XBOZZ		0U5N7	33901151-2	HANGER, PIPE .....	1
15	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
16	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
17	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
(CUT TO LENGTH FROM BULK – 80 INCHES)						
18	PAOZZ	4730-01-527-0339	39428	53505K68	ADAPTER, STRAIGHT .....	1
19	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL .....	1
20	XBOZZ		0EXU3	857-08469	NIPPLE, PIPE .....	1
21	PAOZZ		0EXU3	853-08753-000	GASKET .....	2
22	XBOZZ		0EXU3	837-08020	EXPANSION JOINT .....	1
23	PAOZZ		0EXU3	868-09534-000	SCREW, CAP, HEX .....	8
END OF FIGURE						



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY M01  
REPAIR PARTS LIST**

**0017 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 36 VALVE ASSEMBLY V-202						
1	PBOZZ	4820015262526	04613	787-4	POSITIONER, PNEUMATIC .....	1
2	PBOOO	4810015263350	04613	MRP-004U-K-S081	ACTUATOR, PNEUMATIC .....	1
3	PBOZZ	4820015263349	0GDV2	786-703-020-221-302	VALVE, BUTTERFLY .....	1
4	KFOZZ				O-RING, BASE PLATE .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
5	KFOZZ				O-RING, BOTTOM, SHAFT .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
6	KFOZZ				BEARING, BOTTOM .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
7	KFOZZ				SPACER, BOTTOM .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
8	KFOZZ				SPACER, TOP .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
9	KFOZZ				BEARING, TOP .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
10	KFOZZ				O-RING, TOP, SHAFT .....	1
					(PART OF KIT P/N MRP-004-RPKT-N)	
11	KFOZZ				PAD, BACKING, PISTON .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
12	KFOZZ				O-RING, AIR CONNECTION PLATE .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
13	KFOZZ				O-RING, PISTON .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
14	KFOZZ				RING, SUPPORT, PISTON .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
15	KFOZZ				O-RING, END CAP .....	2
					(PART OF KIT P/N MRP-004-RPKT-N)	
16	PAOZZ		0EXU3	868-08028-000	SCREW, CAP, HEX .....	4
17	PAOZZ		0EXU3	952-07629-000	WASHER, LOCK .....	4
18	PAOZZ		0EXU3	93635A241	SCREW, CAP, HEX .....	8
19	PAOZZ		0EXU3	90965A170	WASHER, FLAT .....	8
	PAOZZ	4810015263351	04613	MRP-004-RPKT-N	REPAIR KIT, ACTUATOR .....	1
					..... BEARING, TOP (1) - 9	
					..... BEARING, BOTTOM (1) - 6	
					.. O-RING, AIR CONNECTION PLATE (2) - 12	
					..... O-RING, BASE PLATE (1) - 4	
					..... O-RING, BOTTOM, SHAFT (1) - 5	
					..... O-RING, END CAP (2) - 15	
					..... O-RING, PISTON (2) - 13	
					..... O-RING, TOP, SHAFT (1) - 10	
					..... PAD, BACKING, PISTON (2) - 11	
					..... RING, SUPPORT, PISTON (2) - 14	
					..... SPACER, BOTTOM (1) - 7	
					..... SPACER, TOP (1) - 8	
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY R01

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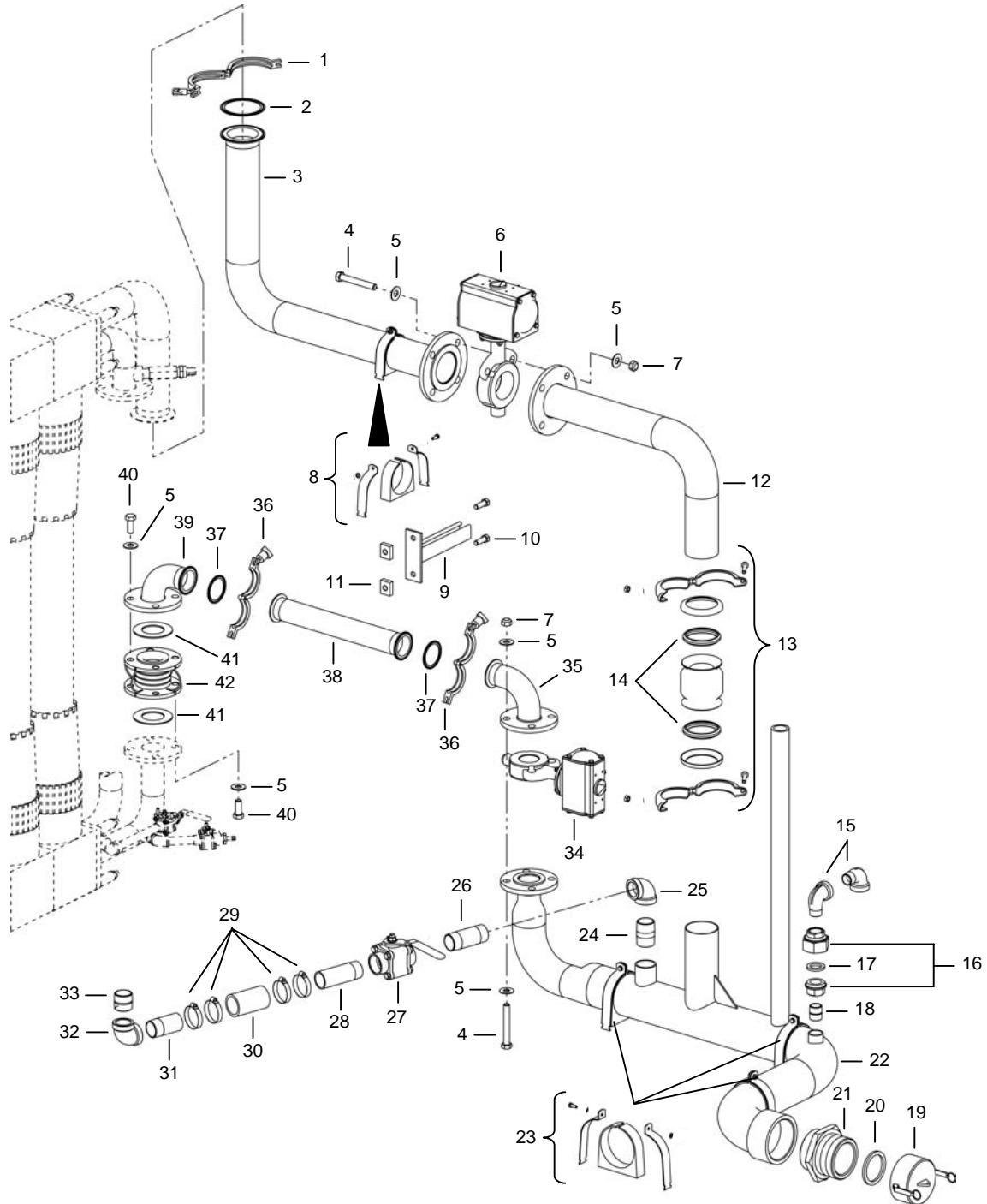


Figure 37. MF Piping Assembly R01.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY R01  
REPAIR PARTS LIST**

**0018 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 37 MF PIPING ASSEMBLY R01						
1	PAOZZ	5340-01-135-0895	19009	13MHM-4-S	CLAMP, LOOP .....	1
2	PAOZZ		0EXU3	853-09586-000	O-RING .....	1
3	XBOZZ		0EXU3	507-12354	PIPE SPOOL .....	1
4	PAOZZ	5305-01-526-2424	0EXU3	868-09397-000	SCREW, CAP, HEX .....	8
5	PAOZZ		0EXU3	952-07591-000	WASHER, FLAT .....	24
6	PBOOO	4820-01-526-2390	0EXU3	940-09059-000	ASSY, VALVE V-401 .....	1
(SEE FIGURE 28 FOR BREAKDOWN)						
7	PAOZZ	5310-01-526-9694	0EXU3	869-08574-000	NUT, SELF-LOCKING, HEX .....	16
8	PAOZZ		55017	200300-4-666	CLAMP, CUSHIONING .....	1
9	XBOZZ		0U5N7	33901151-7	HANGER, PIPE .....	1
10	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
11	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
12	XBOZZ		0EXU3	507-12353	PIPE SPOOL .....	1
13	PBOZZ	4730-01-526-2510	0EXU3	318-07584-000	COUPLING, PIPE .....	1
14	PBOZZ	5330-01-526-3482	0EXU3	853-09884-000	. GASKET .....	2
15	XBOZZ		0EXU3	859-07704	ELBOW, PIPE .....	2
16	PAOZZ	4730-01-526-2492	0EXU3	858-08638-000	UNION, PIPE .....	1
17	PBOZZ	4820-01-526-2507	0EXU3	925-07813-000	DISK, RUPTURABLE .....	1
18	XBOZZ		0EXU3	857-08479	NIPPLE, PIPE .....	1
19	PAOOO	5340-01-526-2473	0EXU3	858-08655-000	CAP, PROTECTIVE .....	1
20	PAOZZ	5330-01-526-2481	33813	NW8	. GASKET .....	1
21	XBOZZ		0EXU3	858-08651	ADAPTER .....	1
22	XBOZZ		0EXU3	507-12349	PIPE SPOOL .....	1
23	PAOZZ		55017	200400-4-666	CLAMP, CUSHIONING .....	3
24	XBOZZ		0EXU3	857-08498	NIPPLE, PIPE .....	1
25	XBOZZ		0EXU3	859-10406	ELBOW, PIPE .....	1
26	XBOZZ		0EXU3	857-08475	NIPPLE, PIPE .....	1
27	PBOZZ	4820-01-526-9686	0EXU3	941-10703-000	VALVE, BALL (V-412) .....	1
28	XBOZZ		0EXU3	857-08478	NIPPLE, PIPE .....	1
29	PAOZZ	4730-00-241-7651	0EXU3	816-07519-000	CLAMP, HOSE .....	4
30	MOOZZ		0EXU3	861-07656-000	HOSE, NONMETALLIC .....	1
(MAKE FROM BULK MATERIAL NSN 4720-00-421-1281. CUT TO LENGTH 4 IN.).						
31	XBOZZ		0EXU3	857-08476	NIPPLE, PIPE .....	1
32	XBOZZ		0EXU3	859-10406	ELBOW, PIPE .....	1
33	XBOZZ		0EXU3	857-08479	NIPPLE, PIPE .....	1
34	PBOOO	4820-01-526-2422	0EXU3	940-09061-000	ASSY, VALVE V-402 .....	1
(SEE FIGURE 29 FOR BREAKDOWN)						
35	XBOZZ		0EXU3	507-12350	PIPE SPOOL .....	1
36	PAOZZ	5340-01-526-2425	0EXU3	816-07563-000	CLAMP, LOOP .....	2
37	PAOZZ	5331-01-526-2460	0EXU3	853-09584-000	O-RING .....	2
38	XBOZZ		0EXU3	507-12351	PIPE SPOOL .....	1
39	XBOZZ		0EXU3	507-12352	PIPE SPOOL .....	1
40	PAOZZ		0EXU3	868-09534-000	SCREW, CAP, HEX .....	8
41	PAOZZ	5330-01-526-2486	0EXU3	853-08753-000	GASKET .....	2
42	XBOZZ		0EXU3	837-08020	EXPANSION JOINT .....	1
END OF FIGURE						

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**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 03 MICRO-FILTRATION SYSTEM  
PIPING ASSEMBLY C01  
REPAIR PARTS LIST**

**0019 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 MICRO-FILTRATION SYSTEM FIGURE 38 MF PIPING ASSEMBLY C01						
1	PAOOO	5342-01-526-2332	0EXU3	909-07953	COUPLING, GROOVED .....	1
2	PAOZZ	5330-01-271-5788	79154	STYLE 77/75/78- 2.0IN GR E	. GASKET .....	1
3	XBOOO		0EXU3	507-12380	PIPE SPOOL .....	1
4	PBOZZ	4820-01-526-9684	0EXU3	941-10602-000	VALVE, BALL (V-704) .....	1
5	PBOZZ	4730-01-526-2352	0EXU3	318-07583-000	COUPLING, PIPE .....	1
6	PBOZZ	5330-01-526-3460	0EXU3	853-08801-000	. GASKET .....	2
7	PAOZZ		55017	200200-4-656	CLAMP, CUSHIONING .....	1
8	XBOZZ		0U5N7	33901151-3	HANGER, PIPE .....	1
9	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
10	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
11	PBOZZ	4730-01-526-2355	0EXU3	318-07582-000	COUPLING, PIPE .....	1
12	PBOZZ	5330-01-526-3468	0EXU3	853-08800-000	. GASKET .....	2
13	XBOZZ		0U5N7	33901151-5	HANGER, PIPE .....	1
14	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
15	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
16	PAOZZ		55017	200150-4-656	CLAMP, CUSHIONING .....	1
17	PBOZZ	4820-01-526-9683	0EXU3	941-10684-000	VALVE, BALL (V-703) .....	1
18	PAOZZ	4730-00-241-7651	09647	816-07513-000	CLAMP, HOSE .....	4
19	MOOZZ		0EXU3	861-07656-000	HOSE, NONMETALLIC .....	1
						(MAKE FROM BULK MATERIAL NSN 4720-00-421-1281. CUT TO LENGTH 4 IN.).
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
REVERSE OSMOSIS SYSTEM

0020 00

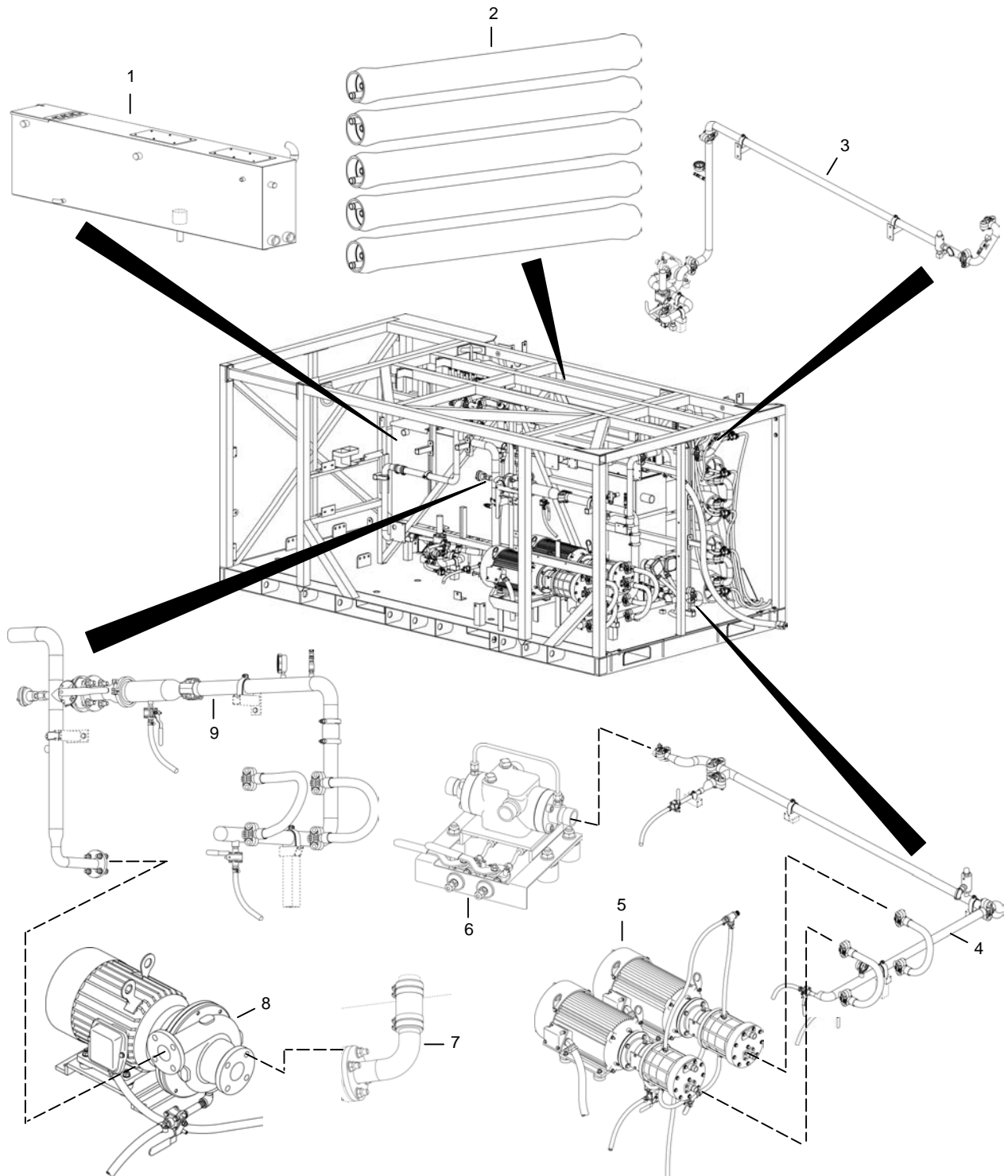


Figure 39. Reverse Osmosis System (Sheet 1 of 2).

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
REVERSE OSMOSIS SYSTEM

0020 00

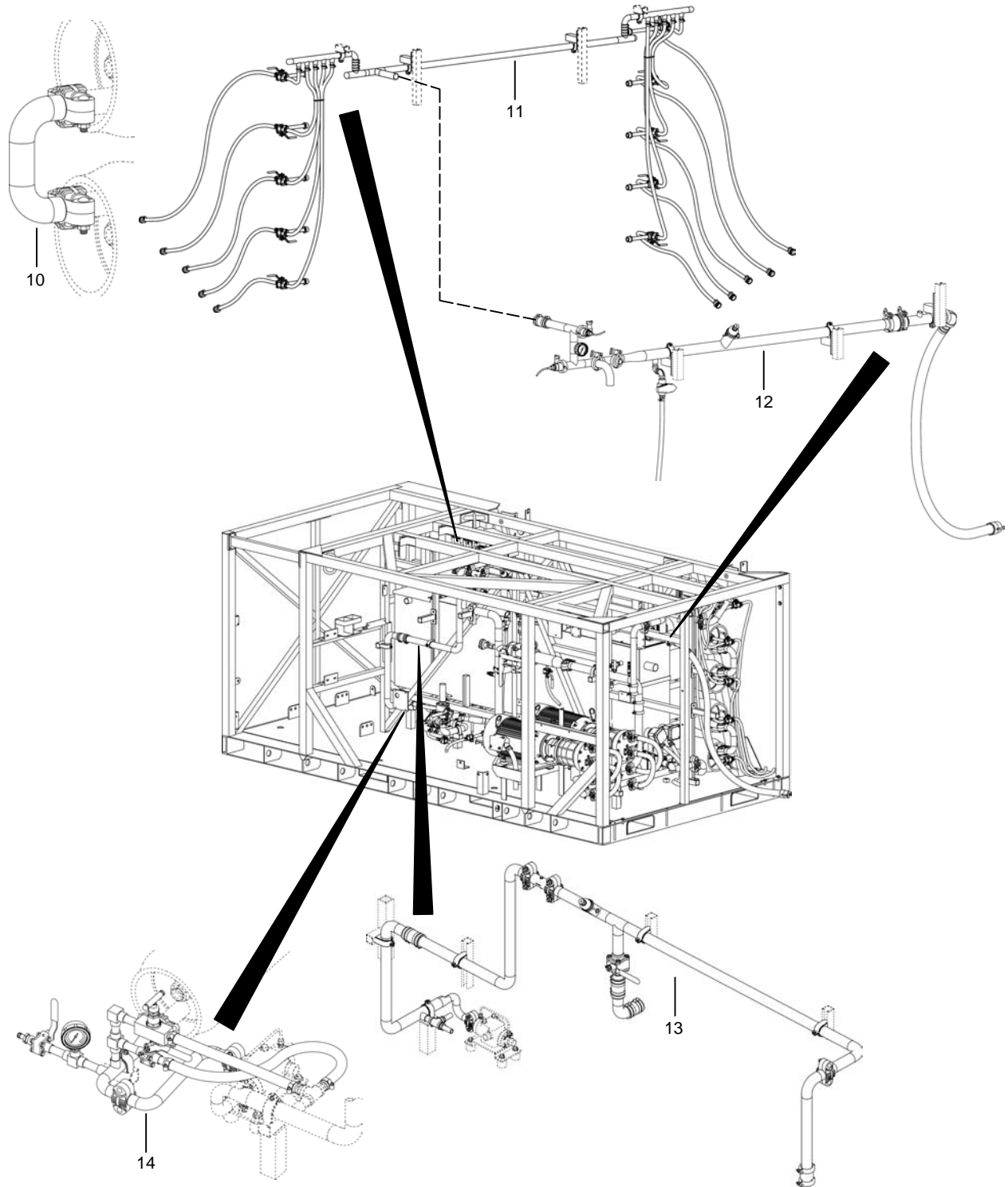


Figure 39. Reverse Osmosis System (Sheet 2 of 2).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
REVERSE OSMOSIS SYSTEM  
REPAIR PARTS LIST**

**0020 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 39 REVERSE OSMOSIS SYSTEM						
1	XBOOO		0EXU3	732-D-08015	RO FEED TANK ASSEMBLY T-2 .....	1
2	XBOOO		2M769	80E120-2	RO VESSELS (ROV-1 THROUGH ROV-5) .....	5
3	XBOOO		0EXU3	799-D-13039	PIPING ASSEMBLY H03 .....	1
4	XBOOO		0EXU3	799-D-13037	PIPING ASSEMBLY H01 .....	1
5	XBOOO		0U5N7	33901247	HIGH PRESSURE PUMP ASSEMBLY P-5/P-6 ..	1
6	XBOOO		0U5N7	33901199	TURBOCHARGER ASSEMBLY .....	1
7	XBOOO		0EXU3	799-D-13044	PIPING ASSEMBLY M02 .....	1
8	XBOOO		0U5N7	33901201	RO FEED PUMP ASSEMBLY P-4 .....	1
9	XBOOO		0EXU3	799-D-13045	PIPING ASSEMBLY M03 .....	1
10	XBOOO		0EXU3	799-D-13038	PIPING ASSEMBLY H04 .....	1
11	XBOOO		0EXU3	799-D-13049	PIPING ASSEMBLY P01 MANIFOLD .....	1
12	XBOOO		0EXU3	799-D-13048	PIPING ASSEMBLY P01 OUTLET .....	1
13	XBOOO		0EXU3	799-D-13041	PIPING ASSEMBLY R03 .....	1
14	XBOOO		0EXU3	799-D-13042	PIPING ASSEMBLY R02 .....	1
END OF FIGURE						



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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED TANK ASSEMBLY T-2

0021 00

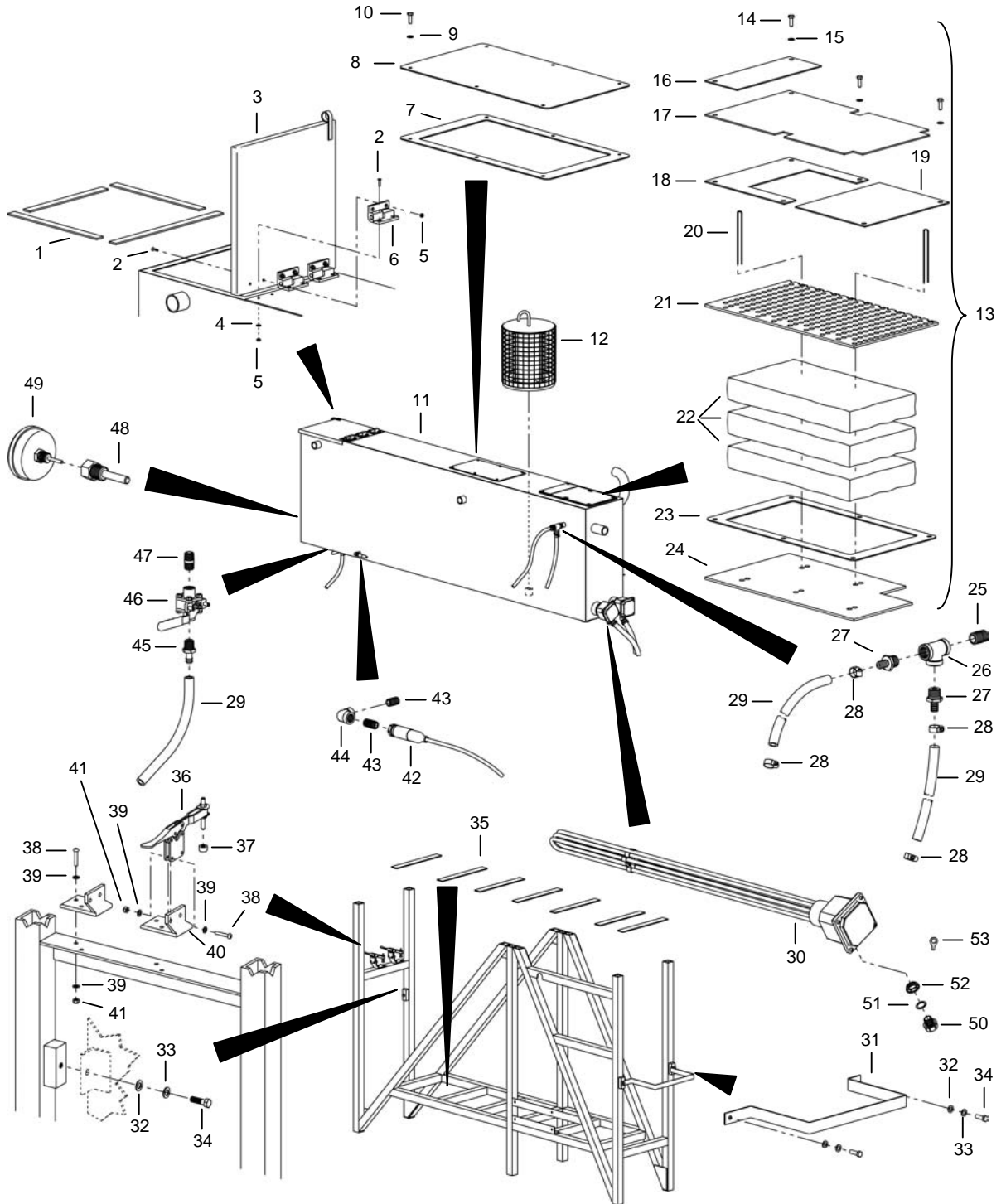


Figure 40. RO Feed Tank Assembly T-2.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED TANK ASSEMBLY T-2  
REPAIR PARTS LIST**

**0021 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 40 RO FEED TANK ASSEMBLY T-2						
1	MOOZZ		39428	93725K78	STRIP, FOAM RUBBER ..... (MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED)	4
2	PAOZZ	5305-01-526-4654	0EXU3	868-09427-000	SCREW, MACHINE .....	12
3	XBOZZ		0EXU3	317-08652	COVER, TANK .....	1
4	PAOZZ	5310-01-526-4658	0EXU3	952-07839-000	WASHER, LOCK .....	12
5	PAOZZ	5310-01-526-4655	0EXU3	869-08586-000	NUT, PLAIN, HEX .....	12
6	PAOZZ	5340-01-526-4653	39428	18585A26	HINGE, LIFT-OFF .....	3
7	PAOZZ	5330-01-526-1132	0EXU3	32-A-11033	GASKET .....	1
8	XBOZZ		0EXU3	19-B-9778	COVER PLATE .....	1
9	PAOZZ	5310-01-526-1134	0EXU3	952-00259-000	. WASHER, FLAT .....	6
10	PAOZZ	5305-01-526-4662	0EXU3	868-00732-000	. SCREW, CAP, HEX .....	6
11	XBOZZ		0EXU3	538-08056	TANK .....	1
12	XBOZZ		0EXU3	529-07665	STRAINER S-3 .....	1
13	XBOOO		0EXU3	317-08690	ASSY, FLAPPER VENT .....	1
14	PAOZZ	5305-01-526-4664	0EXU3	868-07846-000	. SCREW, CAP, HEX .....	6
15	PAOZZ		0EXU3	952-00259-000	. WASHER, FLAT .....	6
16	PAOZZ	5340-01-526-1217	0EXU3	19-B-9783	. COVER .....	1
17	PAOZZ	5340-01-526-1229	0EXU3	19-B-9782	. COVER, FLAPPER .....	1
18	PAOZZ	5330-01-526-1158	0EXU3	32-B-11059	. GASKET .....	1
19	PAOZZ	5330-01-526-1151	0EXU3	32-B-11060	. GASKET .....	1
20	PAOZZ	3439-01-526-5641	0EXU3	943-08495-000	. WIRE, WELDING .....	5
21	PAOZZ		0EXU3	255-B-8124	. PLATE, PERFORATED .....	1
22	PAOZZ	4610-01-526-4677	0EXU3	843-08051-000	. PAD, DEMISTING .....	3
23	PAOZZ		0EXU3	32-A-11033	. GASKET .....	1
24	XBOZZ	5340-01-526-1225	0EXU3	984-07671	. SUPPORT PLATE .....	1
25	XBOZZ		0EXU3	857-08469-000	NIPPLE, PIPE .....	1
26	XBOZZ		0EXU3	859-10402-000	TEE, PIPE .....	1
27	PAOZZ	4730-01-526-4688	0EXU3	845-08837-000	ADAPTER, STRAIGHT .....	2
28	PAOZZ	4730-01-091-9370	19207	11608950-2	CLAMP, HOSE .....	4
29	MOOZZ		39428	5233K67	TUBING, NONMETALLIC ..... (MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED)	3
30	PBOZZ	4520-01-526-1171	07131	156-500563-309	HEATER, IMMERSION .....	2
31	XBOZZ		0U5N7	33902422	STRAP, RO TANK .....	1
32	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	3
33	PAOZZ	5310-00-984-7042	96906	MS35338-141	. WASHER, LOCK .....	3
34	PAOZZ	5305-00-576-5417	80205	MS35307-360	. SCREW, CAP, HEX .....	3
35	PAOZZ	5970-01-526-1130	0U5N7	33902530	INSULATOR, RO TANK .....	7
36	PAOOO	3460-01-526-1453	01599	TC-215-UBSS	CLAMP, MACHINE, HOLD .....	2
37	PAOZZ	5340-01-526-1475	01599	TC-215119	CAP, NEOPRENE .....	1
38	PAOZZ	5305-00-059-3661	80205	MS51958-65	SCREW, MACHINE .....	8
39	PAOZZ	5310-00-619-1148	80205	MS15795-808	WASHER, FLAT .....	8
40	XBOZZ		0U5N7	33902535	BRACKET, CLAMP .....	2
41	PAOZZ	5310-00-982-6814	80205	MS21044C08	NUT, SELF-LOCKING .....	8
42	PBOZZ	6685-01-526-1168	1CE49	PTX 317-9008	TRANSMITTER, PRESSURE (LT-201) .....	1
43	XBOZZ		0EXU3	857-08484-000	NIPPLE, PIPE .....	2
44	XBOZZ		0EXU3	859-10412-000	ELBOW PIPE .....	1

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED TANK ASSEMBLY T-2  
REPAIR PARTS LIST**

**0021 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 40 RO FEED TANK ASSEMBLY T-2						
45	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
46	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-210).....	1
47	XBOZZ		0EXU3	857-08450-000	NIPPLE, PIPE .....	1
48	XBOZZ		24793	ST2.5 MONEL	THERMOWELL .....	1
49	PBOZZ	6685-01-526-1482	24793	AA0251D47	THERMOMETER, SELF-INDICATING (TI-202) .	1
50	PAOZZ	5975-00-995-5259	56501	5343	BOX CONNECTOR, ELECTRICAL .....	2
51	PAOZZ	5330-00-802-4966	56501	5263	PACKING WITH RETAINER .....	2
52	PAOZZ	5975-00-642-7261	56501	142	LOCKNUT, ELECTRICAL .....	2
53	PAOZZ	5940-00-143-4794	96906	MS25036-112	TERMINAL, LUG .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY M02

0022 00

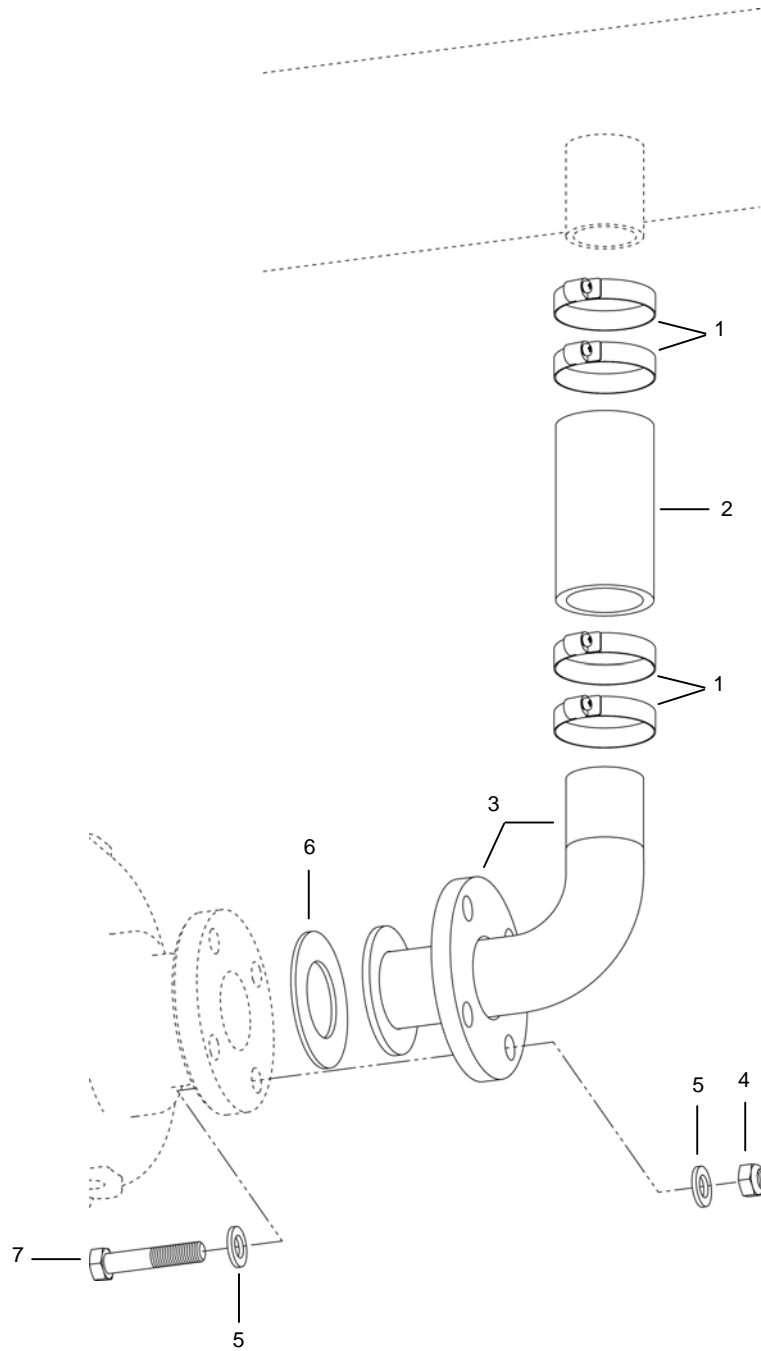


Figure 41. RO Piping Assembly M02.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY M02  
REPAIR PARTS LIST**

**0022 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 41 RO PIPING ASSEMBLY M02						
1	PAOZZ		0EXU3	816-07519-000	CLAMP, HOSE .....	4
2	MOOZZ		0EXU3	861-07656-000	HOSE, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL NSN 4720-00-421-1281. CUT TO LENGTH 4 IN.).	
3	XBOZZ		0EXU3	507-12365	PIPE SPOOL .....	1
4	PAOZZ	5310-01-424-8423	49181	77864	NUT, SELF-LOCKING, HEX .....	4
5	PAOZZ	5310-00-767-9425	80205	MS15795-818	WASHER, FLAT .....	8
6	PAOZZ	5330-01-526-4834	0EXU3	853-08554-000	GASKET .....	1
7	PAOZZ	5305-00-685-8156	96906	MS35307-416	SCREW, CAP, HEX .....	4
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED PUMP ASSEMBLY P-4

0023 00

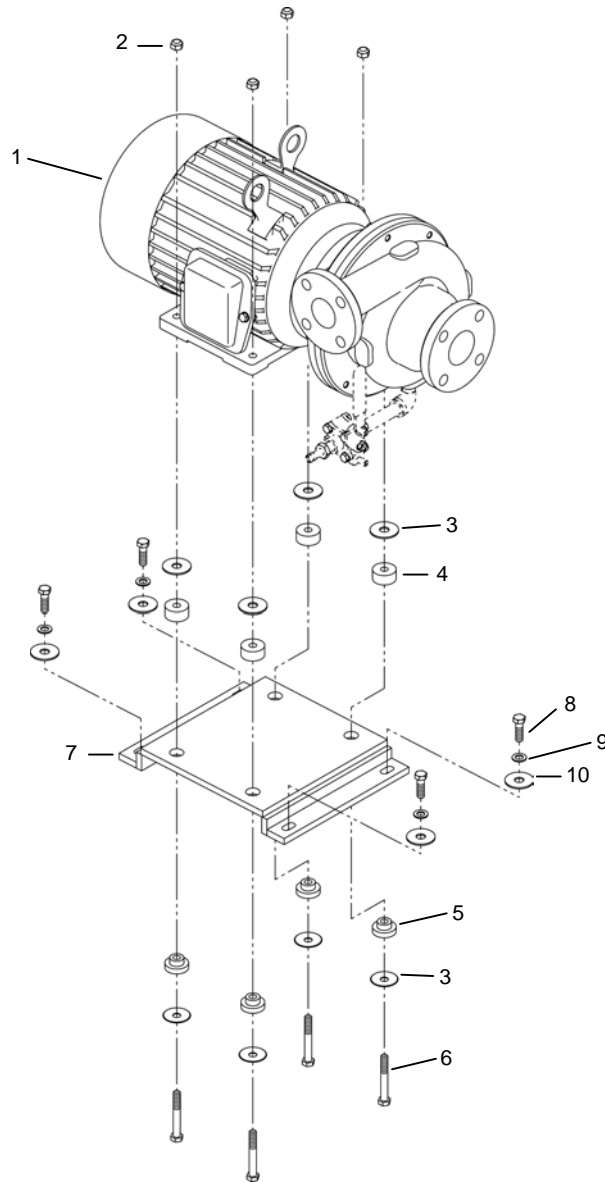


Figure 42. RO Feed Pump Assembly P-4.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED PUMP ASSEMBLY P-4  
PARTS LIST**

**0023 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 42 RO FEED PUMP ASSEMBLY P-4						
1	XBOOO		0TWN3	CC-17317-2-1	PUMP UNIT, CENTRIFUGAL .....	1
2	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING .....	4
3	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	8
4	PAOZZ	5310-01-526-1511	1M238	TP-0182	. WASHER, SNUBBING .....	4
5	PAOZZ	5340-01-526-1492	1M238	66015	. MOUNT, RESILIENT .....	4
6	PAOZZ	5305-00-964-0635	96906	MS35307-369	. SCREW, CAP, HEX .....	4
7	XBOZZ		0U5N7	33901026	BASE, PUMP .....	1
8	PAOZZ	5305-00-576-5417	80205	MS35307-360	. SCREW, CAP, HEX .....	4
9	PAOZZ	5310-00-984-7042	96906	MS35338-141	. WASHER, LOCK .....	4
10	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	4
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED PUMP ASSEMBLY P-4

0023 00

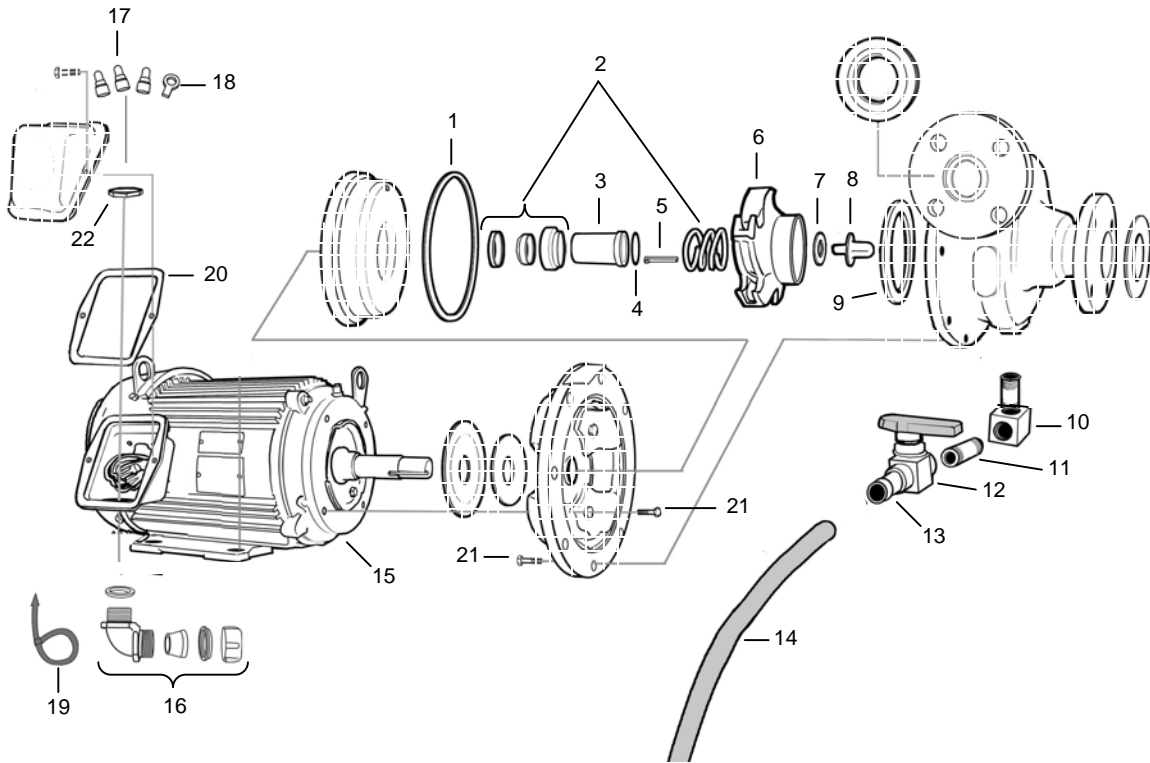


Figure 43. P-4 RO Feed Pump and Motor.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
RO FEED PUMP ASSEMBLY P-4  
PARTS LIST**

**0023 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 43 P-4 RO FEED PUMP AND MOTOR						
1	PAOZZ	5330-01-302-7671	0TWN3	GX5041000	GASKET (PART OF KIT P/N GS8103410) .....	1
2	PAOZZ	4320-01-327-5409	0TWN3	GS5097400	SEAL, MECHANICAL .....	1
					(PART OF KIT P/N GS8103410)	
3	PBOZZ	4320-01-526-3303	0TWN3	BX8103722	SLEEVE, SHAFT, PUMP .....	1
4	PAOZZ	5331-01-419-8327	0TWN3	GX5098300	O-RING (PART OF KIT P/N GS8103410) .....	1
5	PAOZZ	5315-01-419-3890	0TWN3	GX5051300	KEY, MACHINE .....	1
6	PAOZZ	4320-01-311-9777	03306	610008200051	IMPELLER, PUMP .....	1
7	PAOZZ	5330-01-419-8326	0TWN3	GX5040500	GASKET (PART OF KIT P/N GS8103410) .....	1
8	PAOZZ	5305-00-420-6834	0TWN3	BI8101271	SCREW, CAP, HEX .....	1
9	PAOZZ	4320-00-497-5646	0TWN3	BW8100122	RING, WEAR .....	1
10	XBOZZ		0EXU3	859-10400	ELBOW, PIPE .....	1
11	XBOZZ		0EXU3	857-08426	NIPPLE, PIPE .....	1
12	PBOZZ	4820-01-526-1488	0EXU3	941-10611-000	VALVE, BALL .....	1
13	XBOZZ		0EXU3	845-08836	ADAPTER, STRAIGHT .....	1
14	MOOZZ	4720-00-207-9096	85757	4200-06030	TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH 158 IN.)	
15	XBOZZ		0TWN3	GM5G12803	MOTOR, AC .....	1
16	PAOZZ	5975-00-241-3657	56501	2273	BOX CONNECTOR, ELECTRICAL .....	1
17	PAOZZ	5940-01-350-4066	06383	JN418-212	SPLICE, CONDUCTOR .....	3
18	PAOZZ	5940-00-143-4780	06383	PN14-10R-C	TERMINAL, LUG .....	1
19	PAOZZ	5975-01-345-6512	06383	PLT1.SI-M	STRAP, TIEDOWN, ELECTRICAL .....	3
20	PAOZZ		92940	394829	GASKET .....	1
21	PAOZZ	5305-00-990-0668	80205	MS16995-81	SCREW, CAP, HEX .....	12
22	PAOZZ	5975-00-642-7261	56501	142	LOCKNUT, ELECTRICAL .....	1
	PBOZZ	4320-01-419-8328	0TWN3	GS8103410	SEAL ASSEMBLY KIT, SHAFT .....	1
					..... GASKET (1) - 1	
					..... SEAL, MECHANICAL (1) - 2	
					..... O-RING (1) - 4	
					..... GASKET (1) - 7	
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY M03

0024 00

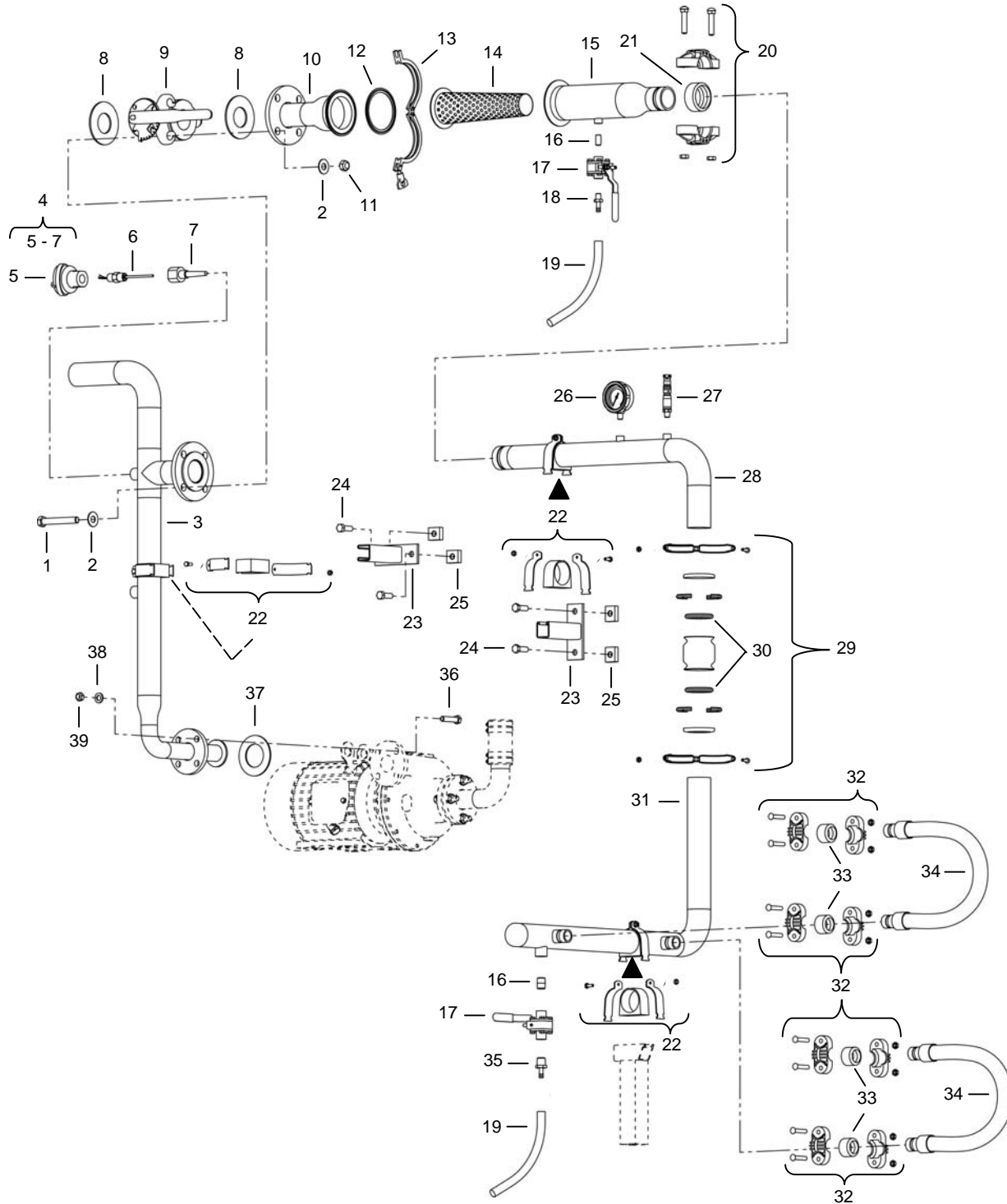


Figure 44. RO Piping Assembly M03.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY M03  
REPAIR PARTS LIST**

**0024 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 44 RO PIPING ASSEMBLY M03						
1	PAOZZ		0EXU3	868-09397-000	SCREW, CAP, HEX .....	4
2	PAOZZ		0EXU3	952-07591-000	WASHER, FLAT .....	8
3	XBOZZ		0EXU3	507-12366	PIPE SPOOL .....	1
4	PBOOO	6685-01-526-1957	0U5N7	33905048	TEMPERATURE ASSEMBLY (TT-201) .....	1
5	PBOZZ	6685-01-526-1569	1CRL3	T5ALHPT (W8)	. TRANSMITTER, TEMPERATURE .....	1
6	PBOZZ	5905-01-526-1568	1CRL3	RTD43W3-SS25	. RESISTOR, THERMAL .....	1
7	PBOZZ	6685-01-526-1571	1CRL3	.50-260H- U2.5MONEL	. THERMOWELL .....	1
8	PBOZZ		0EXU3	853-08753-000	GASKET .....	2
9	PBOZZ	4820-01-526-1515	0EXU3	941-10699-000	VALVE, BUTTERFLY (V-212) .....	1
10	XBOZZ		0EXU3	507-12367	PIPE SPOOL .....	1
11	PAOZZ		0EXU3	869-08574-000	NUT, SELF-LOCKING, HEX .....	4
12	PAOZZ		0EXU3	853-09586-000	O-RING .....	1
13	PAOZZ	5340-01-135-0895	19009	13MHHM-4-S	CLAMP, LOOP .....	1
14	XBOZZ		0EXU3	923-08159	STRAINER .....	1
15	XBOZZ		0EXU3	507-12392	PIPING LINE .....	1
16	XBOZZ		0EXU3	857-08492	NIPPLE, PIPE .....	2
17	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-213, V-214) .....	2
18	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
19	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	2
					(CUT TO LENGTH 75 IN.)	
20	PBOOO		0EXU3	909-07953-000	COUPLING, GROOVED .....	1
21	PAOZZ	5330-01-271-5788	79154	STYLE 77/75/78- 2.0IN GR E	. GASKET .....	1
22	PAOZZ		55017	200200-4-656	CLAMP, CUSHIONING .....	3
23	XBOZZ		0U5N7	33901151-3	HANGER, PIPE .....	2
24	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
25	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
26	PBOZZ		0KMP4	1511166	GAUGE, PRESSURE .....	1
27	PBOZZ		1CE49	PTX 317-8938	TRANSMITTER, PRESSURE .....	1
28	XBOZZ		0EXU3	507-12391	PIPE SPOOL .....	1
29	PBOOO		0EXU3	318-07583-000	COUPLING ASSY, PIPE .....	1
30	PAOZZ		0EXU3	853-08801-000	. GASKET .....	1
31	XBOZZ		0EXU3	507-12368	PIPE SPOOL .....	1
32	PBOOO	5342-01-526-4836	0EXU3	909-07951-000	COUPLING, GROOVED .....	4
33	PAOZZ		79154	75-E-1.0IN	. GASKET .....	1
34	PBOZZ	4720-01-526-1519	0EXU3	861-08386-003	HOSE ASSY, NONMETALLIC .....	2
35	XBOZZ	4730-01-527-0339	39428	53505K68	ADAPTER, STRAIGHT .....	1
36	PAOZZ	5305-01-526-4845	0EXU3	868-07987-000	SCREW, CAP, HEX .....	4
37	PBOZZ	5330-01-526-1517	0EXU3	853-09060-000	GASKET .....	1
38	PAOZZ	5310-01-526-1516	0EXU3	952-07657-000	WASHER, FLAT .....	4
39	PAOZZ		0EXU3	869-08576-000	NUT, SELF-LOCKING, HEX .....	4
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
HIGH PRESSURE PUMP ASSEMBLIES P-5 AND P-6

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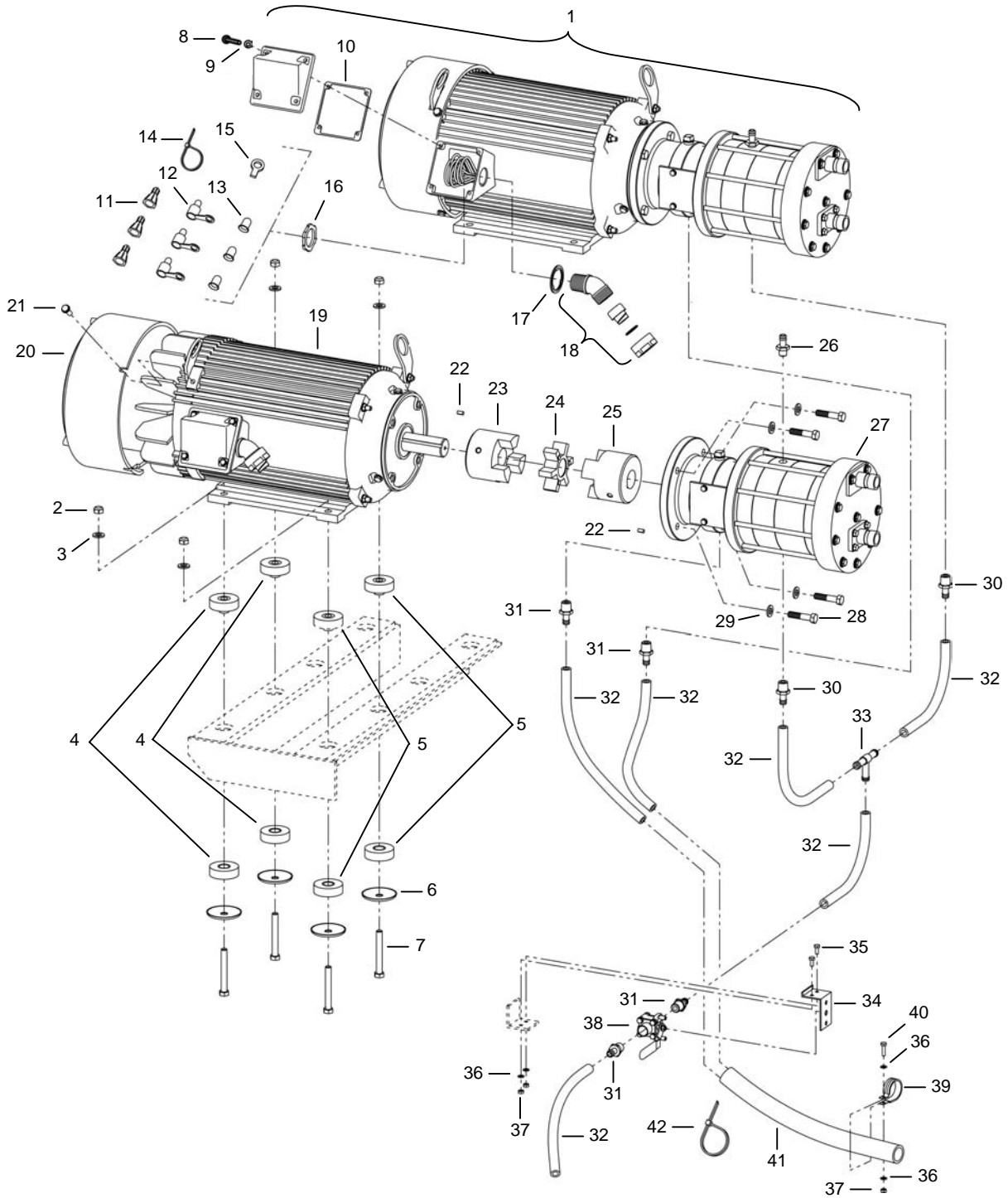


Figure 45. High Pressure Pumps P-5 and P-6 Installation.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
HIGH PRESSURE PUMP ASSEMBLIES P-5 AND P-6  
REPAIR PARTS LIST**

**0025 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 45 HIGH PRESSURE PUMPS P-5 AND P-6 INSTALLATION						
1	XBOOO		0EXU3	905-09012-000	PUMP/MOTOR ASSEMBLY .....	2
2	PAOZZ	5310-01-526-4853	0EXU3	869-08581-000	. NUT, SELF-LOCKING, HEX.....	4
3	PAOZZ	5310-01-526-4850	0EXU3	952-00302-000	. WASHER, FLAT .....	8
4	PAOZZ	5342-01-375-7424	5P059	60031	. MOUNT, RESILIENT.....	2
5	PAOZZ	5340-01-526-1579	5P059	60032	. MOUNT, RESILIENT.....	2
6	PAOZZ	5310-01-526-1566	5P059	0183	. WASHER, SNUBBING.....	4
7	PAOZZ	5305-00-943-5929	96906	MS35307-472	. SCREW, CAP, HEX .....	4
8	PAOZZ	5305-01-526-4998	0D5S3	360215	. SCREW, TAPPING .....	4
9	PAOZZ	5310-01-526-5003	39428	94708A212	. WASHER, SEALING .....	4
10	PAOZZ	5330-01-526-4964	0D5S3	364236G	. GASKET .....	1
11	PAOZZ	5940-00-924-7831	06383	JN314-412-C	. SPLICE, CONDUCTOR .....	3
12	PAOZZ	5970-01-298-6478	30119	30-417	. INSULATOR, BUSHING .....	3
13	PAOZZ	5940-01-300-4631	30119	30-412	. SPLICE, CONDUCTOR .....	3
14	PAOZZ	5975-01-345-6512	06383	PLT 1.5 I-M	. STRAP, TIEDOWN, ELECTRICAL .....	2
15	PAOZZ	5940-00-143-4777	06383	PN10-14R	. TERMINAL, LUG .....	1
16	PAOZZ	5975-00-642-7261	56501	142	. LOCK NUT, ELECTRICAL .....	1
17	PAOZZ	5330-00-802-4966	56501	5263	. PACKING WITH RETAINER .....	1
18	PAOZZ	5975-00-995-5259	56501	5343	. BOX CONNECTOR, ELECTRICAL .....	1
19	PBOZZ	6105-01-526-1961	0D5S3	33905033	. MOTOR, AC .....	1
20	PAOZZ	5340-01-526-5306	0D5S3	364285	. . COVER, FAN .....	1
21	PAOZZ	5305-01-526-5017	07RW2	19918	. . . SCREW, CAP, HEX .....	4
22	PAOZZ	5315-01-526-1615	71454	3266337	. KEY, MACHINE .....	2
23	PBOZZ	3010-01-526-1614	71454	P514420	. COUPLING HALF, SHAFT.....	1
24	PBOZZ	3010-01-526-1610	71454	3266402	. INSERT, COUPLING, FLEXIBLE .....	1
25	PBOZZ	3010-01-526-1608	71454	P514424	. COUPLING HALF, SHAFT.....	1
26	PAOZZ	4730-01-526-1628	39428	5463K467	. ADAPTER, STRAIGHT .....	1
27	PBOOO	4320-01-526-4691	71454	P514419	. PUMP, RADIAL PISTONS .....	1
28	PAOZZ	5305-00-021-3801	96906	MS35307-411	. . SCREW, CAP, HEX .....	4
29	PAOZZ	5310-00-933-8778	80205	MS35338-143	. . WASHER, LOCK .....	4
30	PAOZZ	4730-01-526-1616	39428	5463K458	ADAPTER, STRAIGHT .....	1
31	PAOZZ	4730-01-526-1622	39428	5463K461	ADAPTER, STRAIGHT.....	4
32	MOOZZ	4720-00-207-9096	85757	4200-06030	TUBING, NON-METALLIC .....	6
					(CUT TO LENGTH AS NEEDED)	
33	PAOZZ	4730-01-526-1630	39428	5463K608	TEE, TUBE .....	1
34	XBOZZ		0U5N7	33902528	BRACKET, ANGLE .....	1
35	PAOZZ	5305-00-702-4523	80205	MS35307-306	. SCREW, CAP, HEX .....	2
36	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	4
37	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF-LOCKING, HEX.....	3
38	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-215) .....	1
39	PAOZZ	5340-01-481-3342	4X630	863-000314	CLAMP, LOOP .....	1
40	PAOZZ	5305-00-719-3997	96906	MS35307-303	SCREW, CAP, HEX .....	1
41	MOOZZ		39428	5233K76	TUBING, NON-METALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 3 FT.)	
42	PAOZZ	5975-01-526-1749	39428	7130K912	STRAP, TIEDOWN, ELECTRICAL .....	1
					END OF FIGURE	

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
HIGH PRESSURE PUMP ASSEMBLIES P-5 AND P-6

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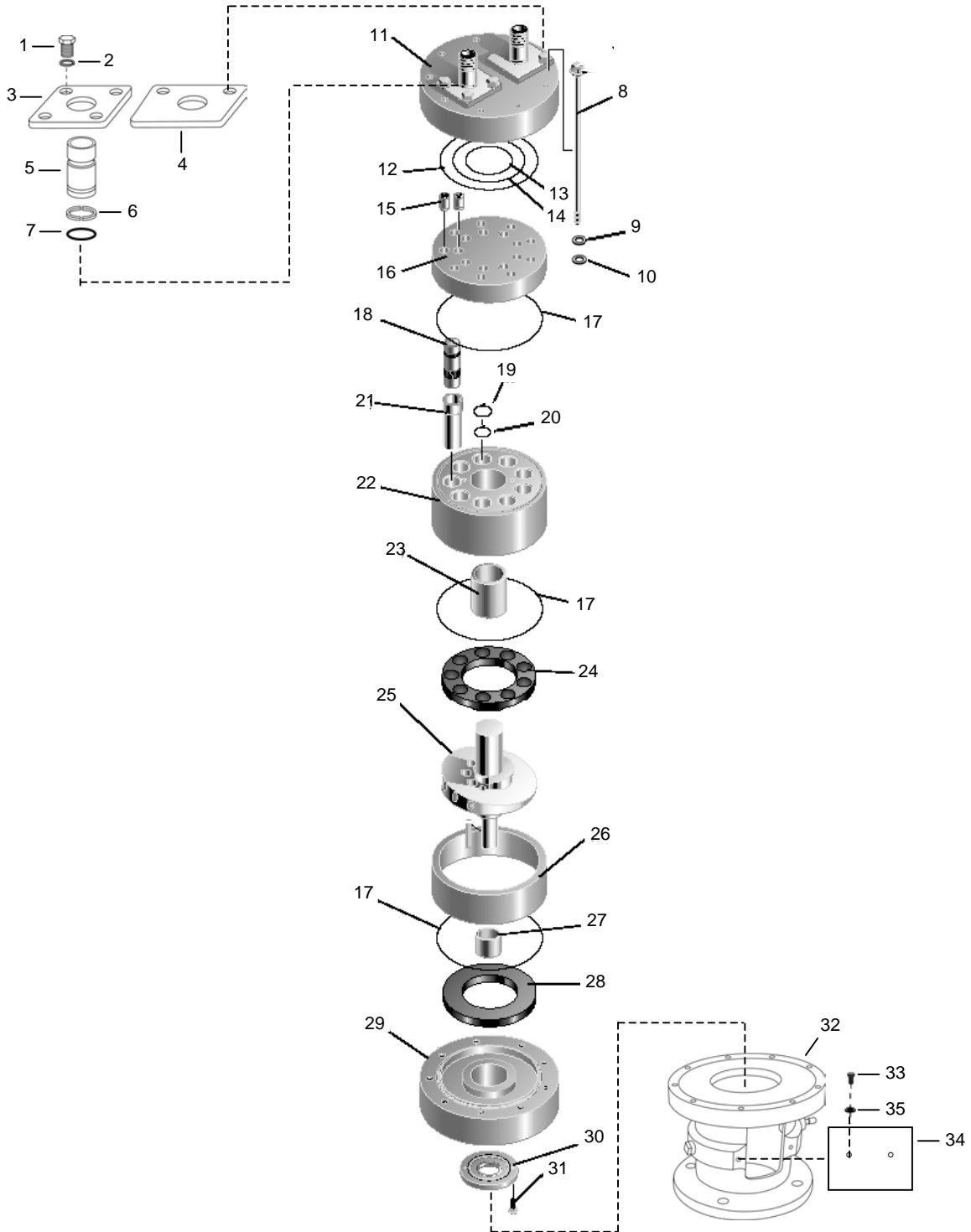


Figure 46. High Pressure Pump.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
HIGH PRESSURE PUMP ASSEMBLIES P-5 AND P-6  
REPAIR PARTS LIST**

**0025 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 46 HIGH PRESSURE PUMP						
1	PAOZZ	5305-01-526-4924	71454	3266354	SCREW, CAP, HEX .....	4
2	PAOZZ	5310-01-526-4927	71454	3266359	WASHER, LOCK .....	4
3	PAOZZ	5330-01-526-5287	71454	3266393	RETAINER, OUTLET NIPPLE .....	1
4	PAOZZ	5330-01-526-5288	71454	3266399	RETAINER, INLET NIPPLE .....	1
5	PAOZZ	4730-01-526-4928	71454	P513996	NIPPLE .....	2
6	PAOZZ	5325-01-526-5290	71454	3266395	SPLIT RING, NIPPLE .....	2
7	KFOZZ	5331-01-526-8827	71454	3266341	O-RING (PART OF KIT P/N P517371) .....	2
8	PAOZZ	5305-01-526-4931	71454	P513984	SCREW, CAP, HEX .....	9
9	PAOZZ	5310-01-526-4932	71454	3266258	WASHER, LOCK .....	10
10	PAOZZ	5310-01-526-4934	71454	3266257	WASHER, FLAT .....	10
11	XBOZZ		71454	P513938	MANIFOLD .....	1
12	KFOZZ	5331-01-526-8831	71454	3266347	O-RING (PART OF KIT P/N P517371) .....	1
13	KFOZZ	5331-01-526-8829	71454	3266345	O-RING (PART OF KIT P/N P517371) .....	1
14	KFOZZ	5331-01-526-8830	71454	3266346	O-RING (PART OF KIT P/N P517371) .....	1
15	KFOZZ	4820-01-526-8824	71454	P511114	DISC VALVE ASSEMBLY .....	18
					(PART OF SET P/N P517370)	
16	XBOZZ		71454	P513943	VALVE HOUSING .....	1
17	KFOZZ	5331-01-526-8832	71454	3266348	O-RING (PART OF KIT P/N P517371) .....	3
18	KFOZZ	2815-01-526-8820	71454	3269204	PISTON ASSEMBLY .....	9
					(PART OF SET P/N P517369)	
19	KFOZZ	5331-01-526-8828	71454	3266344	O-RING (PART OF KIT P/N P517371) .....	9
20	KFOZZ	5331-01-526-8825	71454	3266342	O-RING (PART OF KIT P/N P517371) .....	9
21	PAOZZ	4310-01-526-5291	71454	P509332	CYLINDER LINER .....	9
22	XBOZZ		71454	P513946	BODY .....	1
23	PAOZZ		71454	3269090	BEARING, BODY .....	1
24	PBOZZ	4310-01-526-5627	71454	3269262	PISTON CLUSTER.....	1
25	XBOZZ		71454	P513993	CAM .....	1
26	XBOZZ		71454	P513941	SPACER, CAM .....	1
27	PAOZZ	3120-01-526-4956	71454	3269091	BEARING, BEARING PLATE .....	1
28	PAOZZ	3120-01-526-4958	71454	P513934	BEARING, THRUST .....	1
29	XBOZZ		71454	P513947	BEARING PLATE .....	1
30	KFOZZ	5331-01-526-8834	71454	3269210	O-RING (PART OF KIT P/N P517371) .....	1
31	PBOZZ	4320-01-526-5283	71454	P513952	SHAFT SEAL ASSEMBLY .....	1
32	XBOZZ		71454	P514425	ADAPTER, MOTOR .....	1
33	PAOZZ	5305-01-526-4959	71454	P513969	SCREW, CAP, HEX .....	2
34	PAOZZ	5340-01-526-5293	71454	P523408	ACCESS COVER, ADAPTER .....	1
35	PAOZZ	5310-01-526-4961	71454	1103981	WASHER, LOCK.....	2

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
HIGH PRESSURE PUMP ASSEMBLIES P-5 AND P-6  
REPAIR PARTS LIST**

**0025 00**

1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 46 HIGH PRESSURE PUMP						
	PBOZZ	4310-01-526-4887	71454	P517369	PISTON SET.....	1
					.....PISTON ASSEMBLY (9) – 18	
	PBOZZ	4810-01-526-4890	71454	P517370	DISC VALVE SET .....	1
					..... DISC VALVE ASSEMBLY (18) – 15	
	PBOZZ	5331-01-526-5286	71454	P517371	KIT, O-RING.....	1
					.....O-RING (2) – 7	
					.....O-RING (1) – 12	
					.....O-RING (1) – 13	
					.....O-RING (1) – 14	
					.....O-RING (3) – 17	
					.....O-RING (9) – 19	
					.....O-RING (9) – 20	
					.....O-RING (1) - 30	
END OF FIGURE						



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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY H01

0026 00

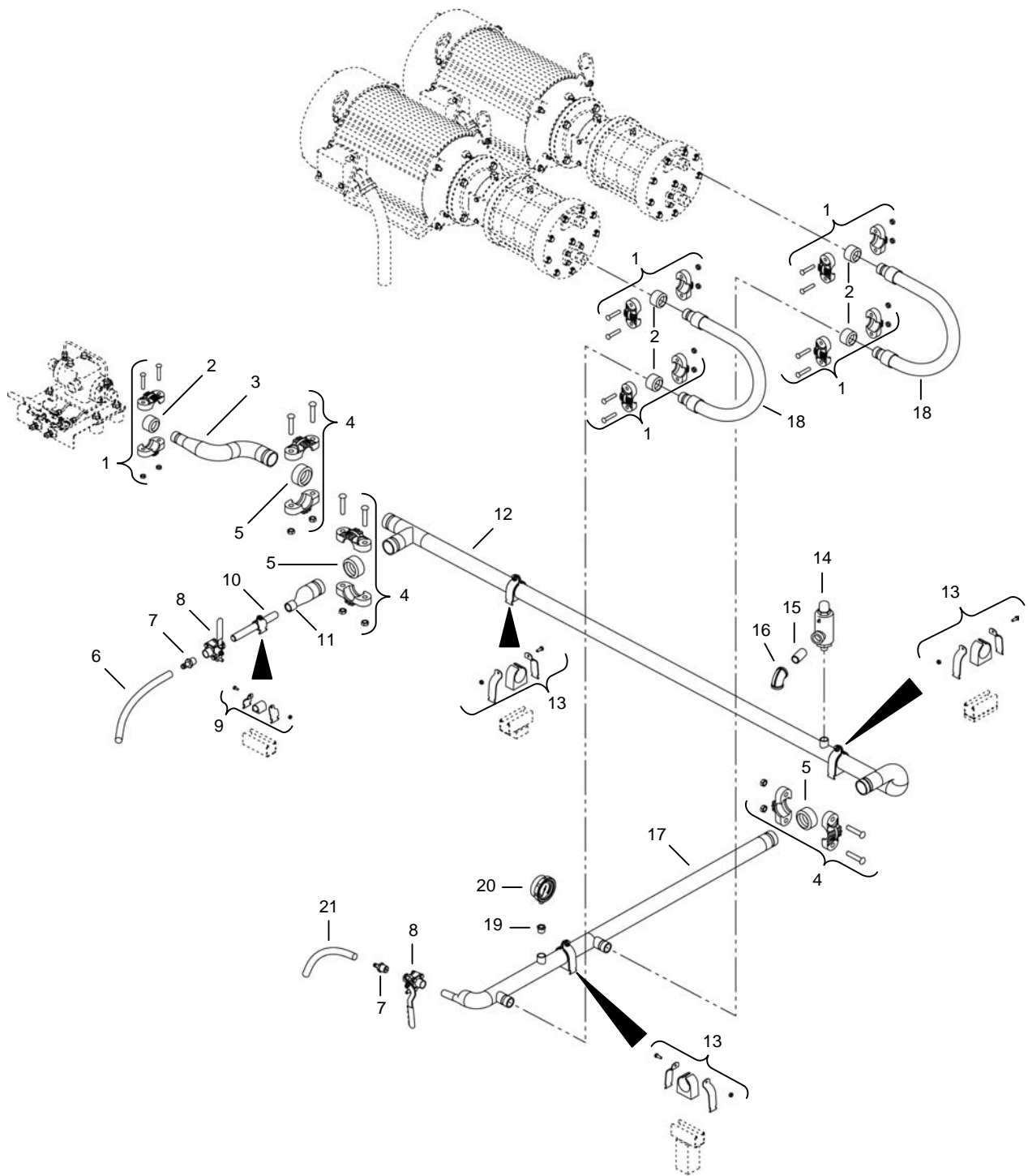


Figure 47. RO Piping Assembly H01.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY H01  
REPAIR PARTS LIST**

**0026 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 47 PIPING ASSEMBLY H01						
1	PBOOO		0EXU3	909-07951-000	COUPLING, GROOVED .....	5
2	PAOZZ	5330-01-526-4840	79154	75-E-1.0IN	. GASKET .....	1
3	XBOZZ		0EXU3	507-12342	PIPE SPOOL .....	1
4	PBOOO	5342-01-526-1755	0EXU3	909-07952-000	COUPLING, GROOVED .....	3
5	PAOZZ	5330-01-247-8525	79154	75-E-1.5IN	. GASKET .....	1
6	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
						(CUT TO LENGTH 132 IN.)
7	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	2
8	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-302 AND V-301) .....	2
9	PAOZZ	5340-01-526-1781	23619	HCS-16-M-SS- RSG-16-8P	CLAMP, CUSHIONING .....	1
10	XBOZZ		0EXU3	857-08466	NIPPLE, PIPE .....	1
11	XBOZZ		0EXU3	507-12343	PIPE SPOOL .....	1
12	XBOZZ		0EXU3	507-12341	PIPE SPOOL .....	1
13	PAOZZ	5340-01-526-1783	23619	HCS-32-M-SS- RSG-32-24P	CLAMP, CUSHIONING .....	3
14	PBOZZ	4820-01-526-1759	0EXU3	940-09070-000	VALVE, RELIEF (RV-301) .....	1
15	XBOZZ		0EXU3	857-07741	NIPPLE, PIPE .....	1
16	XBOZZ	4730-01-526-2521	0EXU3	859-00434-000	ELBOW, PIPE .....	1
17	XBOZZ		0EXU3	507-12340	PIPE SPOOL .....	1
18	PBOZZ	4720-01-526-1764	0EXU3	861-08386-001	HOSE ASSY, NONMETALLIC .....	2
19	XBOZZ		0EXU3	847-08521	BUSHING, PIPE .....	1
20	PBOZZ	6685-01-526-5201	0KMP4	1511173	GAUGE, PRESSURE (PI-301) .....	1
21	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
						(CUT TO LENGTH AS NEEDED)
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
TURBOCHARGER ASSEMBLY

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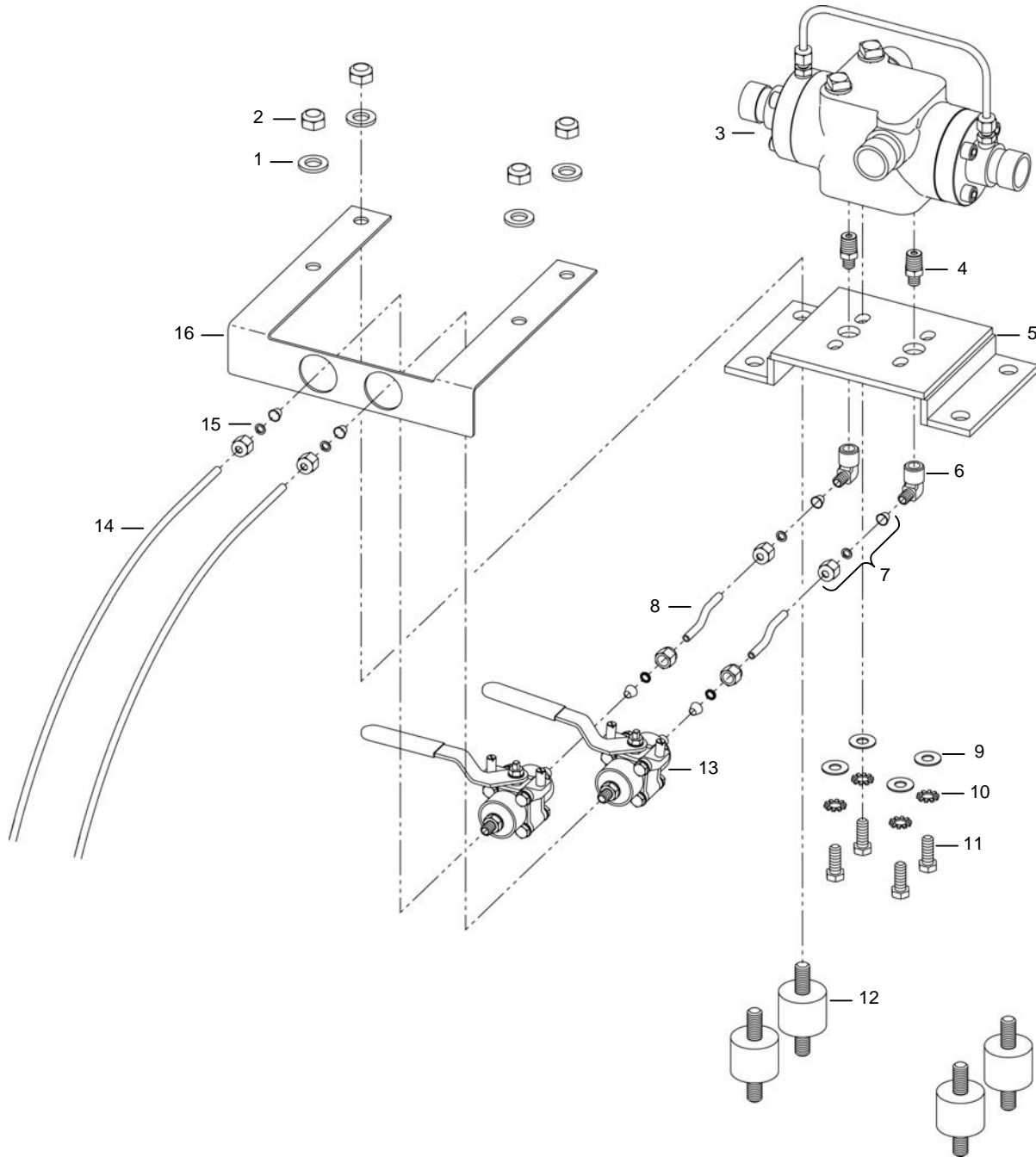


Figure 48. Turbocharger Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
TURBOCHARGER ASSEMBLY  
REPAIR PARTS LIST**

**0027 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 48 TURBOCHARGER ASSEMBLY						
1	PAOZZ	5310-00-767-9425	80205	MS15795-818	WASHER, FLAT .....	4
2	PAOZZ	5310-00-225-6993	77445	PWA10132-3	NUT, SELF-LOCKING, HEX .....	4
3	XBOOO		0TEM0	HTCII-50	TURBOCHARGER .....	1
4	PAOZZ	4730-01-526-1825	0EXU3	845-08967-000	NIPPLE, TUBE .....	2
5	XBOZZ		0U5N7	33901023	BASE, TURBOCHARGER .....	1
6	PAOZZ	4730-01-526-1834	0EXU3	845-08966-000	ELBOW, PIPE TO TUBE .....	2
7	PAOZZ	4730-01-526-5205	02570	SS-400-NFSET	NUT-FERRULE SET .....	6
8	PAOZZ		0U5N7	33902473	TUBE, METALLIC .....	2
9	PAOZZ	5310-00-773-7618	80205	MS15795-818	WASHER, FLAT .....	4
10	PAOZZ	5310-00-209-0790	96906	MS35335-63	WASHER, LOCK .....	4
11	PAOZZ	5305-00-632-2777	96906	MS35307-358	SCREW, CAP, HEX .....	4
12	PAOZZ	5340-01-526-1803	5P059	51411	MOUNT, RESILIENT .....	4
13	PBOZZ	4820-01-158-6193	02570	M-4P4T	VALVE, BLEEDER (V-303 AND V-410) .....	2
14	MOOZZ		093B4	1B-204-01	TUBING, NONMETALLIC .....	2
					(CUT TO LENGTH 96 IN.)	
15	PAOZZ	4730-01-526-1856	58755	U060L4A	FERRULE, COMPRESSION .....	2
16	XBOZZ		0U5N7	33902320	BRACKET, ANGLE .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
TURBOCHARGER ASSEMBLY

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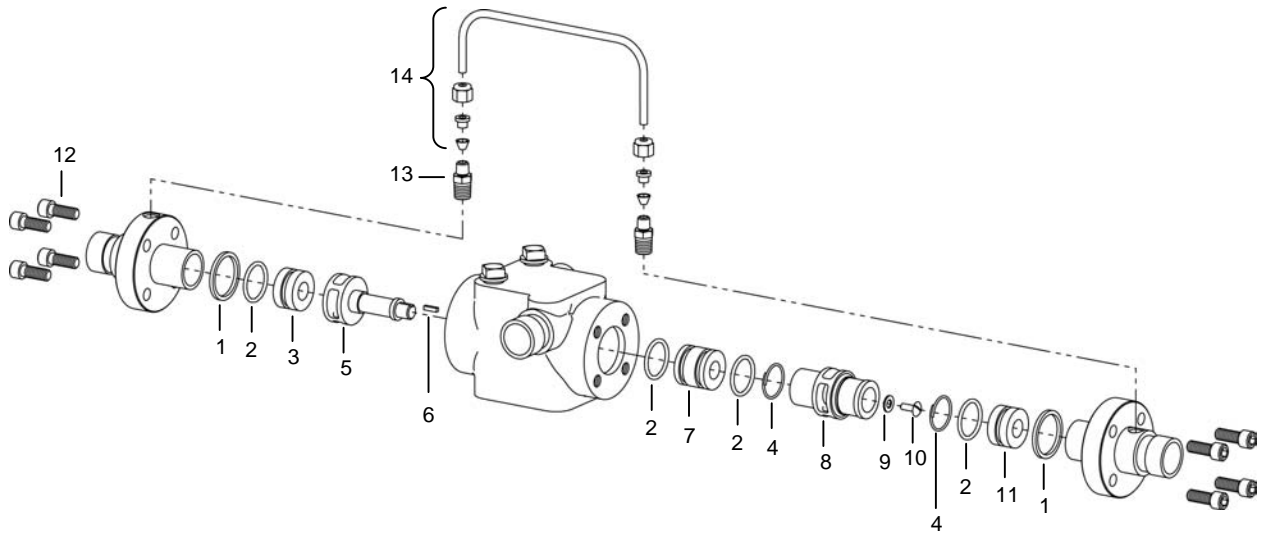


Figure 49. Turbocharger



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
TURBOCHARGER ASSEMBLY  
REPAIR PARTS LIST**

**0027 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 49 TURBOCHARGER						
1	KFOZZ	5331-01-526-8987	0TEM0	51022300	O-RING (PART OF KIT P/N HTCII-50 RA) .....	2
2	KFOZZ	5331-01-526-8981	0TEM0	51002500	O-RING (PART OF KIT P/N HTCII-50 RA) .....	4
3	KFOZZ	3120-01-526-8975	0TEM0	30720270	BEARING, THRUST .....	1
4	KFOZZ	5325-01-526-8990	0TEM0	50013700	(PART OF KIT P/N HTCII-50 RA) RING, RETAINING .....	2
5	KFOZZ	2930-01-526-8843	0TEM0	101092000T	IMPELLER, TURBINE .....	1
6	KFOZZ	5315-01-526-8969	0TEM0	722002002	(PART OF KIT P/N HTCII-50 RA) KEY, IMPELLER .....	1
7	KFOZZ		0TEM0	30420470	(PART OF KIT P/N HTCII-50 RA) BEARING, SLEEVE .....	1
8	KFOZZ	2930-01-526-8842	0TEM0	101092000P	(PART OF KIT P/N HTCII-50 RA) IMPELLER, PUMP .....	1
9	KFOZZ	5310-01-526-0340	0TEM0	47010120	(PART OF KIT P/N HTCII-50 RA) WASHER, FLAT .....	1
10	KFOZZ	5310-01-526-8971	0TEM0	46000100	(PART OF KIT P/N HTCII-50 RA) NUT, RETAINING .....	1
11	KFOZZ	3120-01-526-8973	0TEM0	30120470	(PART OF KIT P/N HTCII-50 RA) BEARING, SLEEVE .....	1
12	PAOZZ	5305-00-988-7845	80205	MS16995-82	(PART OF KIT P/N HTCII-50 RA) SCREW, CAP HEX .....	8
13	PAOZZ	4730-00-684-4065	02570	SS-400-1-2	ADAPTER, STRAIGHT .....	2
14	PAOZZ	4710-01-526-5490	0TEM0	60001523	THRUST LINE ASSEMBLY .....	1
	PBOZZ	4320-01-526-1807	0TEM0	HTCII-50 RA	KIT, REPAIR..... ..... IMPELLER, PUMP (1) - 8 ..... IMPELLER, TURBINE (1) - 5 ..... WASHER, FLAT (1) - 9 ..... KEY, IMPELLER (1) - 6 ..... NUT, RETAINING (1) - 10 ..... BEARING, SLEEVE (1) - 7 ..... BEARING, SLEEVE (1) - 11 ..... BEARING, THRUST (1) - 3 ..... O-RING (4) - 2 ..... O-RING (2) - 1 ..... RING, RETAINING (2) - 4	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY H03

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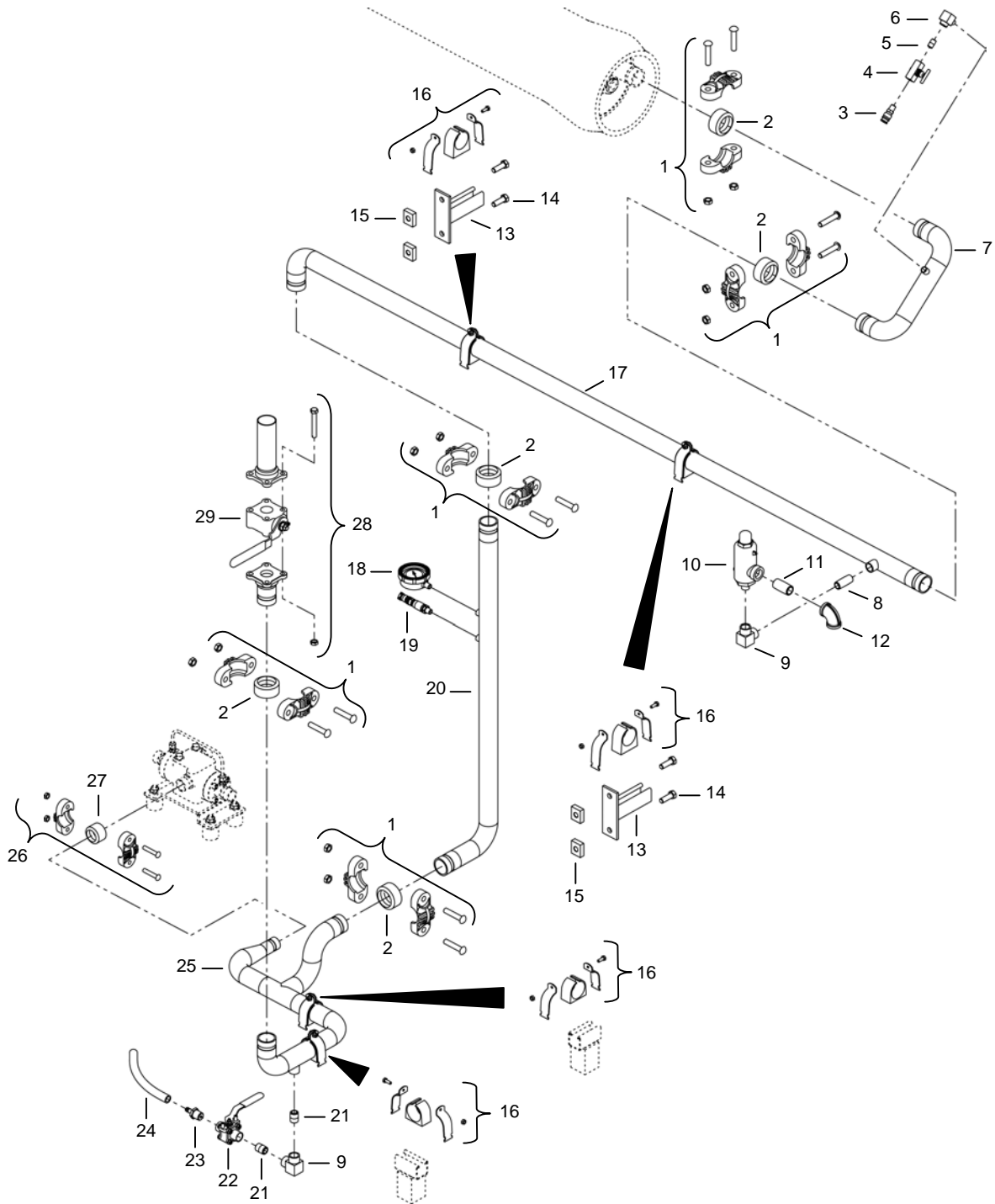


Figure 50. RO Piping Assembly H03.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY H03  
REPAIR PARTS LIST**

**0028 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 50 RO PIPING ASSEMBLY H03						
1	PBOOO		0EXU3	909-07952-000	COUPLING, GROOVED .....	5
2	PAOZZ	5330-01-247-8525	79154	75-E-1.5IN	. GASKET .....	1
3	PAOZZ	4720-01-526-1940	0EXU3	845-08898-000	QUICK DISCONNECT .....	1
4	PBOZZ	4820-01-526-5208	0EXU3	941-10702-000	VALVE, NEEDLE (V-913) .....	1
5	XBOZZ		0EXU3	047-08232-000	NIPPLE, PIPE .....	1
6	XBOZZ		0EXU3	859-10394-000	ELBOW, PIPE .....	1
7	XBOZZ		0EXU3	507-12347	PIPE SPOOL .....	1
8	XBOZZ		0EXU3	857-08474-000	NIPPLE, PIPE .....	1
9	XBOZZ		0EXU3	859-10398-000	ELBOW, PIPE .....	2
10	PBOZZ	4820-01-526-1871	0EXU3	940-09069-000	VALVE, RELIEF (RV-302) .....	1
11	XBOZZ		0EXU3	859-10363-000	ELBOW, PIPE .....	1
12	XBOZZ		0EXU3	857-08433-000	NIPPLE, PIPE .....	1
13	XBOZZ		0U5N7	33901151-4	HANGER, PIPE .....	2
14	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
15	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
16	PAOZZ		23619	HCS-32-M-SS- RSG-32-24P	CLAMP, CUSHIONING .....	4
17	XBOZZ		0EXU3	507-12346	PIPE SPOOL .....	1
18	PBOZZ		0KMP4	1511173	GAUGE, PRESSURE (PI-304) .....	1
19	PBOZZ		1CE49	PTX 317-8938	TRANSMITTER, PRESSURE (PT-302) .....	1
20	XBOZZ		0EXU3	507-12390	PIPE SPOOL .....	1
21	XBOZZ		0EXU3	047-08237-000	NIPPLE, PIPE .....	2
22	PBOZZ	4820-01-526-9679	0EXU3	941-10605-000	VALVE, BALL (V-304) .....	1
23	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
24	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH 122 IN.)	
25	XBOZZ		0EXU3	507-12345	PIPE SPOOL .....	1
26	PBOOO		0EXU3	909-07951-000.	COUPLING, GROOVED .....	1
27	PAOZZ	5330-01-526-4840	79154	75-E-1.0IN	. GASKET .....	1
28	XBOZZ		0EXU3	507-12381	PIPE SPOOL .....	1
29	PBOZZ	4820-01-526-1938	0EXU3	941-10755-000	. VALVE, BALL (V-701) .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
RO VESSELS ROV-1 THROUGH ROV-5

0029 00

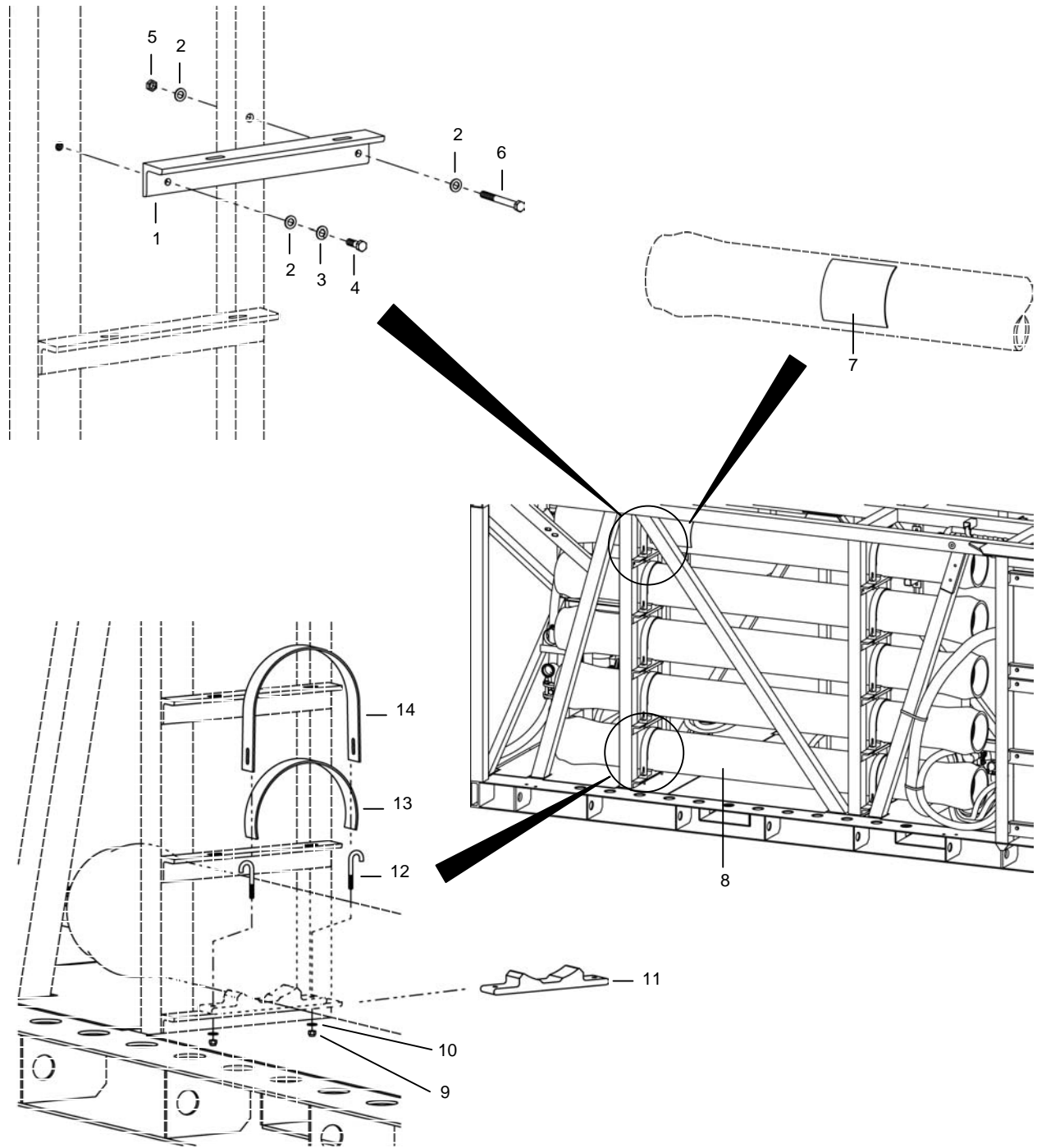


Figure 51. RO Vessel Installation.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
RO VESSELS ROV-1 THROUGH ROV-5  
REPAIR PARTS LIST**

**0029 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 51 RO VESSEL INSTALLATION						
1	XBOZZ		0U5N7	33902411	SUPPORT, RO VESSEL .....	2
2	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	3
3	PAOZZ	5310-00-984-7042	80205	NAS1640-616	. WASHER, LOCK .....	1
4	PAOZZ	5305-00-638-9837	96906	MS35307-366	. SCREW, CAP, HEX .....	1
5	PAOZZ	5310-00-913-8881	97403	13218E0320-293	. NUT, PLAIN, HEX .....	1
6	PAOZZ	5305-00-021-3740	80205	MS35307-364	. SCREW, CAP, HEX .....	1
7	PAOZZ	5340-01-526-2306	0U5N7	33902533	PAD, BUMPER .....	1
8	XBFFF		2M769	80E120-2	RO VESSEL ASSEMBLY .....	5
9	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING, HEX .....	4
10	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	4
11	PAOZZ	5340-01-526-5214	2M769	52169	. SADDLE .....	2
12	PAOZZ	5306-01-526-1947	0U5N7	33902293	. J-BOLT .....	4
13	PAOZZ	5330-01-526-1941	0U5N7	33902529	. RUBBER STRIP .....	2
14	PAOZZ	5340-01-526-1943	0U5N7	33902285	. CLAMP .....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
RO VESSELS ROV-1 THROUGH ROV-5

0029 00

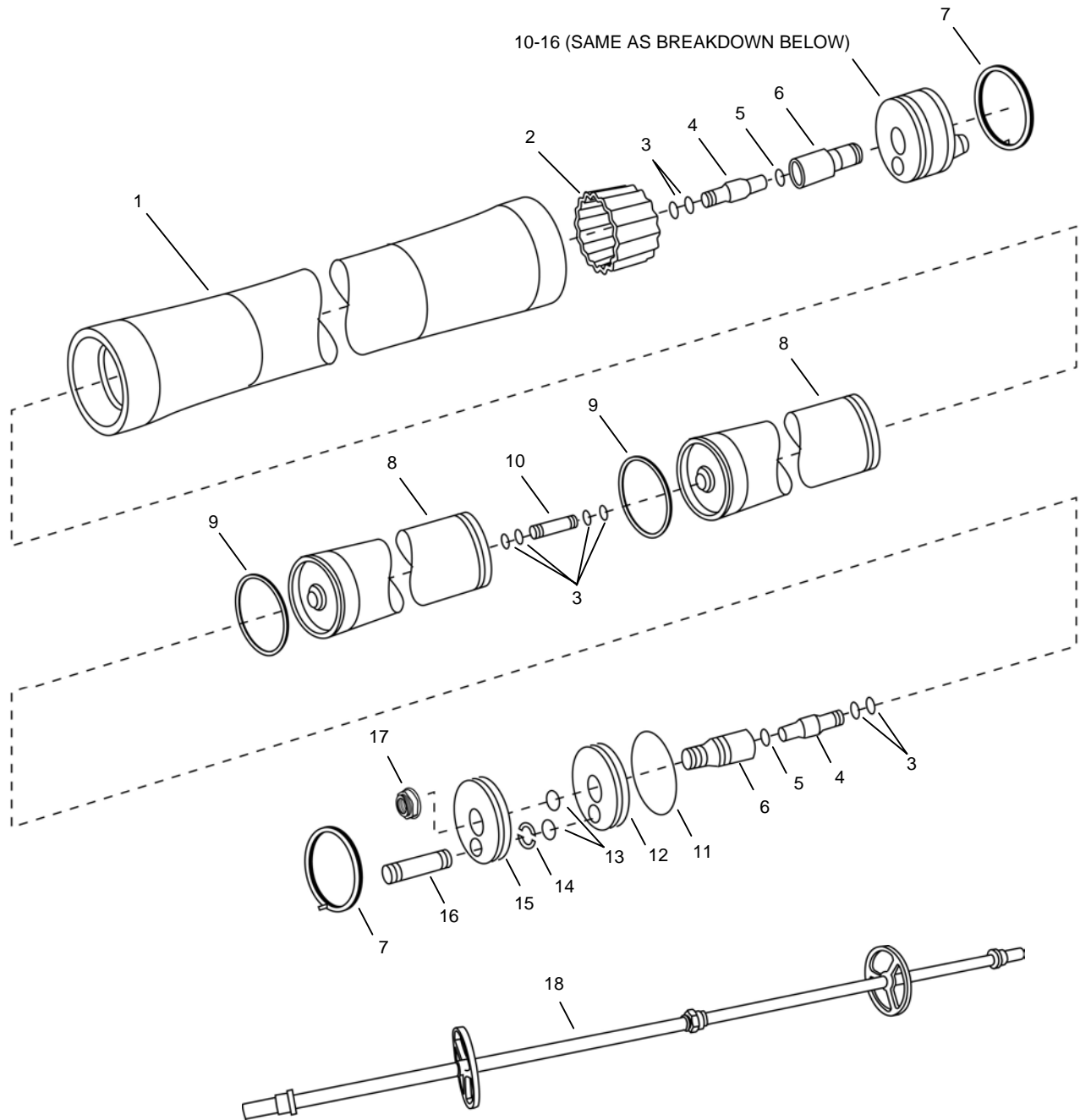


Figure 52. RO Vessel Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
RO VESSELS ROV-1 THROUGH ROV-5  
REPAIR PARTS LIST**

**0029 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 52 RO VESSEL ASSEMBLY						
1	XAFZZ		2M769	NO NUMBER	SHELL .....	1
2	PBOZZ	5365-01-526-5600	2M769	45069	RING, THRUST .....	1
3	PBOZZ	5331-01-526-2299	39428	9452K36	O-RING .....	8
4	PBOZZ	4730-01-526-5360	2M769	50165	ADAPTER, STRAIGHT .....	2
5	PBOZZ	5330-01-526-5361	2M769	45308	SEAL, ADAPTER .....	2
6	PBOZZ	4320-01-526-5315	2M769	50558	PORT, PRODUCT .....	2
7	PBOZZ	5325-01-526-5359	2M769	47336	RING, RETAINING .....	2
8	PBOZZ	4330-01-454-5502	63624	SW30HR-380	FILTER ELEMENT, FLUID .....	2
9	PBOZZ	5330-01-505-5171	30781	E4010841006969	. PACKING, PREFORMED (BRINE SEAL) .....	1
10	PBOZZ	5307-01-526-5555	52484	M11493	INTERCONNECTER .....	1
11	PBOZZ		2M769	45320	SEAL, END CAP .....	2
12	PBOZZ		2M769	50550	PLATE, SEALING .....	2
13	PBOZZ		2M769	45312	SEAL, PORT .....	4
14	PBOZZ	6695-01-355-0113	0AK83	30712	RETAINER SET, PORT .....	2
15	PBOZZ		2M769	47293	PLATE, BEARING .....	2
16	XBOZZ		2M769	50556	PORT, FEED/REJECT .....	2
17	PBOZZ		2M769	45066	NUT, PLAIN, HEX .....	2
18	PBOZZ		0EXU3	632-B-7930	SIMULATOR, ELEMENT .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY H04

0030 00

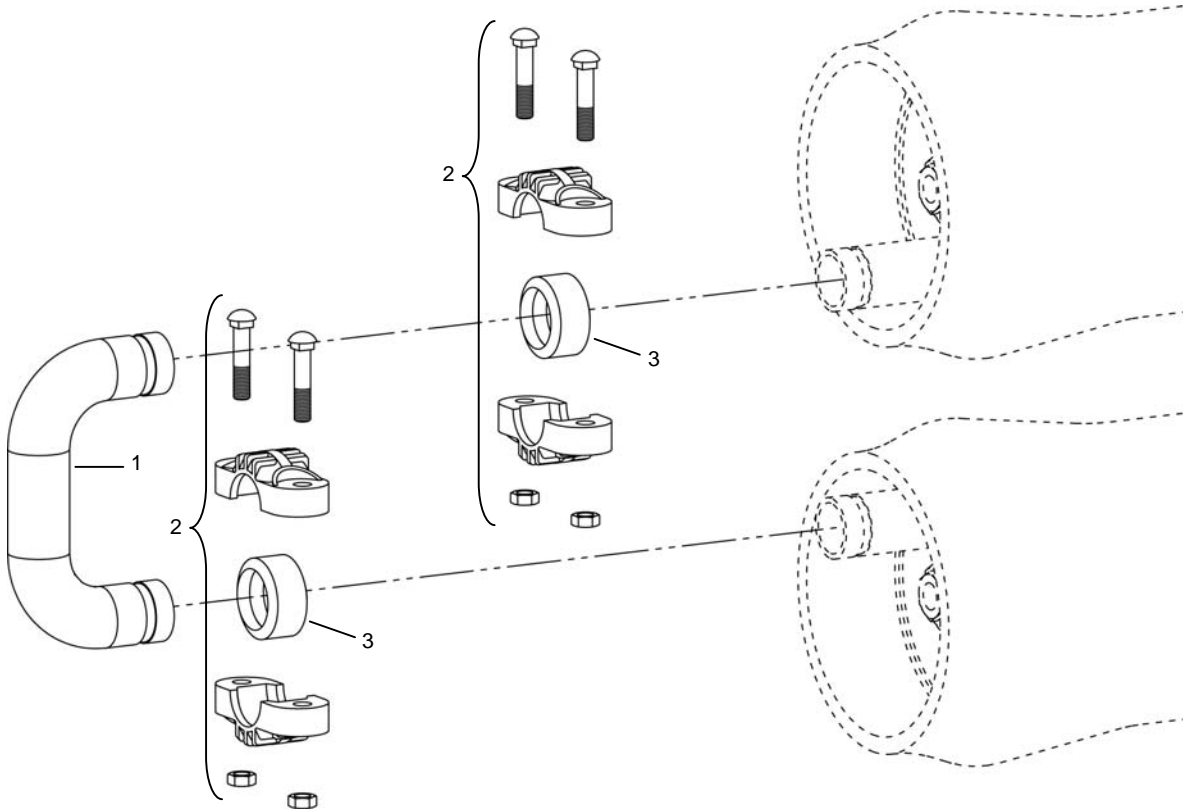


Figure 53. RO Piping Assembly H04.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY H04  
REPAIR PARTS LIST**

**0030 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 53 RO PIPING ASSEMBLY H04						
1	XBOZZ		0EXU3	507-12344	PIPE SPOOL .....	1
2	PBOOO		0EXU3	909-07952-000	COUPLING, GROOVED .....	2
3	PAOZZ	5330-01-247-8525	79154	75-E-1.5IN	. GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY R02

0031 00

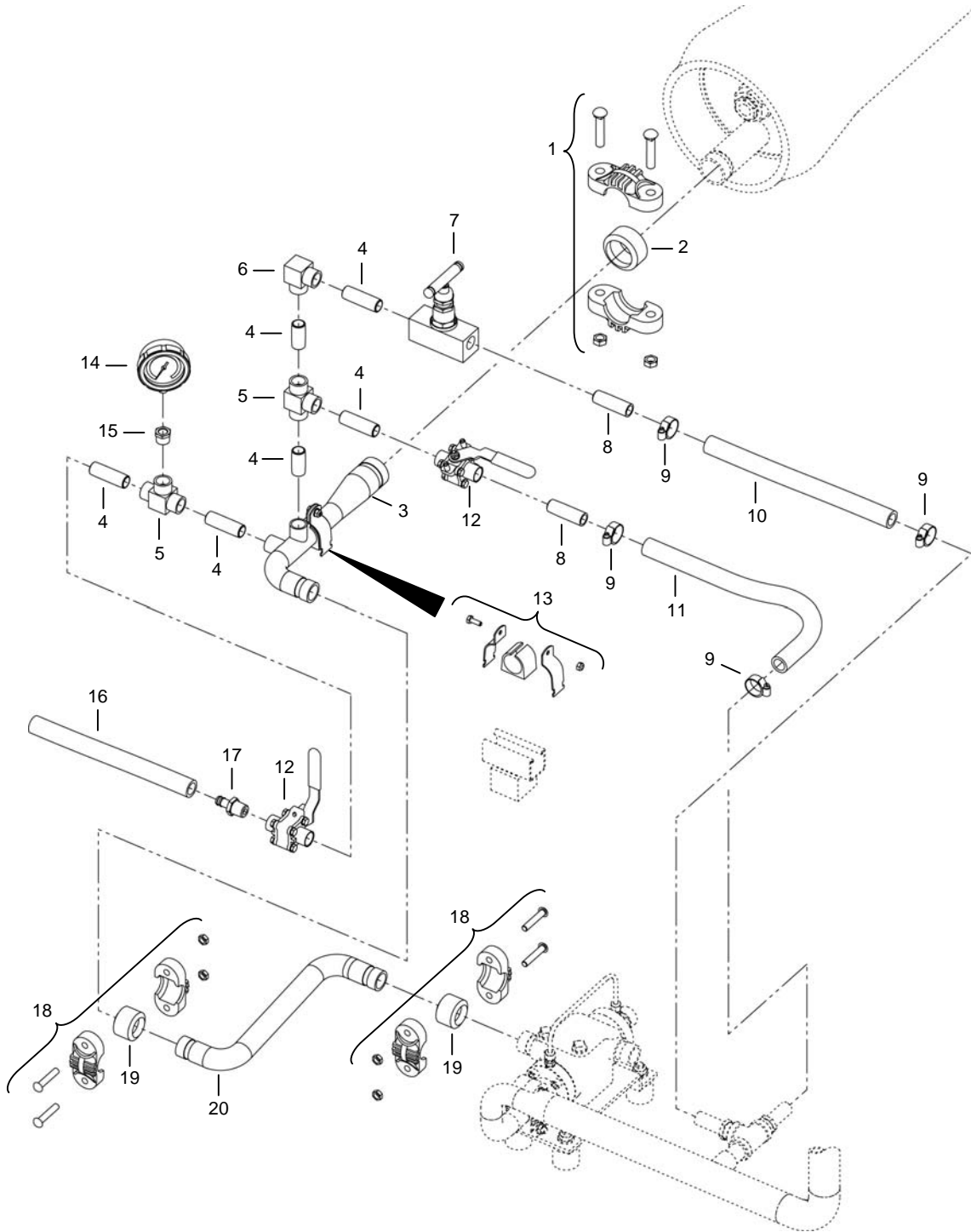


Figure 54. RO Piping Assembly R02.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY R02  
REPAIR PARTS LIST**

**0031 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 54 RO PIPING ASSEMBLY R02						
1	PBOOO		0EXU3	909-07952-001	COUPLING, GROOVED .....	1
2	PAOZZ	5330-01-247-8525	79154	75-E-1.5IN	. GASKET .....	1
3	XBOZZ		0EXU3	507-12361	PIPE SPOOL .....	1
4	XBOZZ		0EXU3	047-08239-000	NIPPLE, PIPE .....	6
5	XBOZZ		0EXU3	859-10420-000	TEE, PIPE .....	2
6	XBOZZ		0EXU3	859-10397-000	ELBOW, PIPE .....	1
7	PBOZZ	4820-01-526-2310	0EXU3	941-10706-000	VALVE, NEEDLE (HCV-401) .....	1
8	XBOZZ		0EXU3	857-08456-000	NIPPLE, PIPE .....	2
9	PAOZZ	4730-00-908-3144	81646	MS35842-11	CLAMP, HOSE .....	4
10	MOOZZ		38459	K3155S-10X300	TUBING, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 21 IN.)	
11	MOOZZ		38459	K3155S-10X300	TUBING, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 36 IN.)	
12	PBOZZ		0EXU3	941-10605-000	VALVE, BALL (V-408, HCV-401A) .....	2
13	PAOZZ	4730-01-526-2318	55017	200100-4-656	CLAMP, CUSHIONING .....	1
14	PBOZZ		0KMP4	1511173	GAUGE, PRESSURE (PI-401) .....	1
15	XBOZZ		0EXU3	847-08521-000	BUSHING, PIPE .....	1
16	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH 96 IN.)	
17	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
18	PBOOO		0EXU3	909-07951-000	COUPLING, GROOVED .....	2
19	PAOZZ	5330-01-526-4840	79154	75-E-1.0IN	. GASKET .....	1
20	XBOZZ		0EXU3	507-12362	PIPE SPOOL .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY R03

0032 00

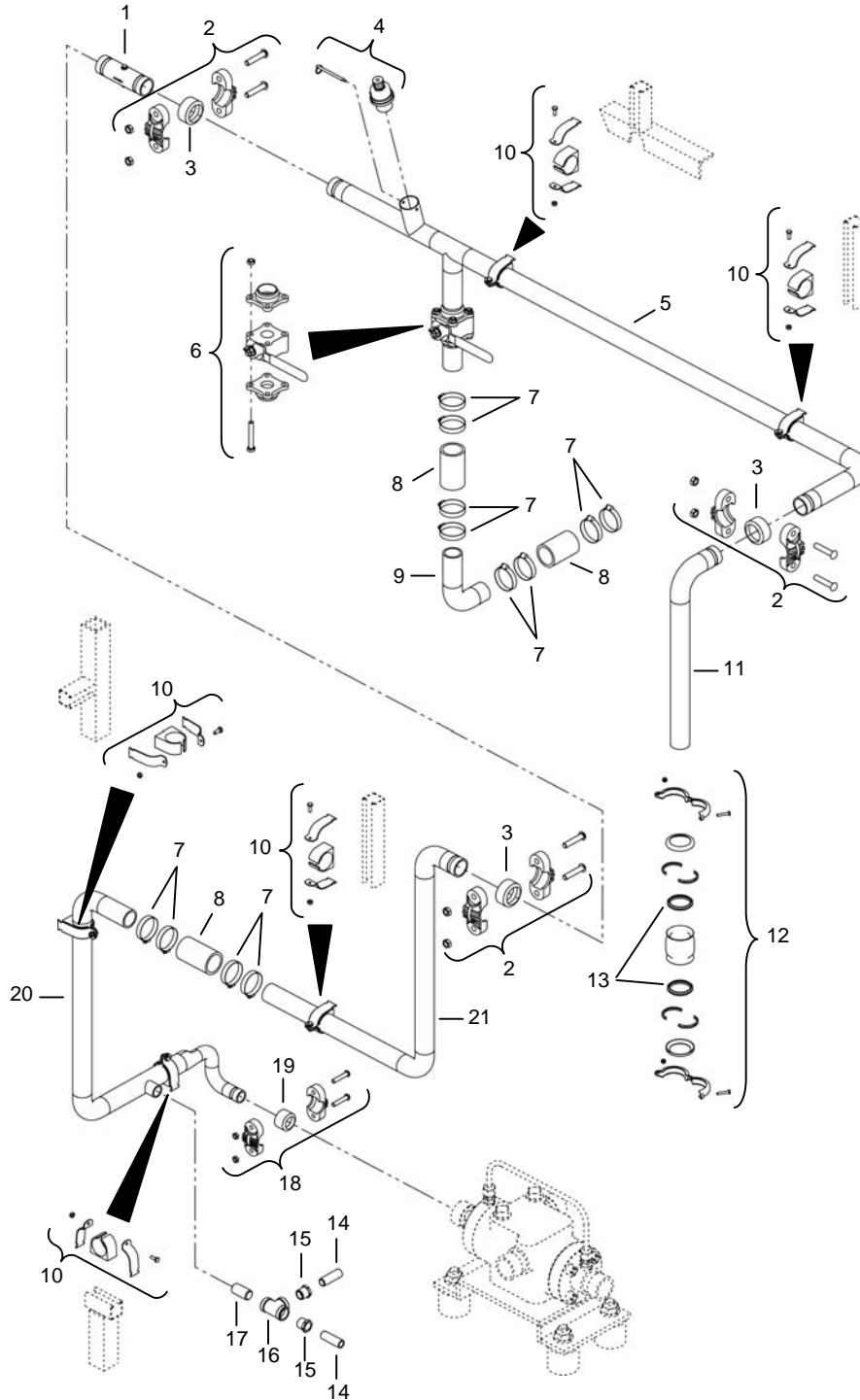


Figure 55. RO Piping Assembly R03.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY R03  
REPAIR PARTS LIST**

**0032 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 55 RO PIPING ASSEMBLY R03						
1	PBOZZ	4820-01-526-2322	0EXU3	940-09021-000	VALVE, CHECK (V-411) .....	1
2	PBOOO		0EXU3	909-07952-000	COUPLING, GROOVED .....	3
3	PAOZZ	5330-01-247-8525	79154	75-E-1.5IN	. GASKET .....	1
4	PBOZZ		52998	F1A11B2T20S	SENSOR, FLOW (FE-401) .....	1
5	XBOOO		0EXU3	507-12358	PIPE SPOOL .....	1
6	PBOZZ	4820-01-526-9683	0EXU3	941-10684-000	. VALVE, BALL (V-702) .....	1
7	PAOZZ		0EXU3	816-07519-000	CLAMP, HOSE .....	12
8	MOOZZ		0EXU3	861-07656-000	HOSE, NONMETALLIC .....	3
						(MAKE FROM BULK MATERIAL, NSN 4720-00-421-1281. CUT TO LENGTH 4 IN.)
9	XBOZZ		0EXU3	507-12407	PIPE SPOOL .....	1
10	PAOZZ		55017	200150-4-656	CLAMP, CUSHIONING .....	5
11	XBOZZ		0EXU3	507-12360	PIPE SPOOL .....	1
12	PBOOO		0EXU3	318-07582-000	COUPLING ASSY, PIPE .....	1
13	PAOZZ		0EXU3	853-08800-000	. GASKET .....	2
14	XBOZZ		0EXU3	857-08465-000	NIPPLE, PIPE .....	2
15	XBOZZ		0EXU3	847-08680-000	BUSHING, PIPE .....	2
16	XBOZZ		0EXU3	859-10419-000	TEE, PIPE .....	1
17	XBOZZ		0EXU3	857-08433-000	NIPPLE, PIPE .....	1
18	PBOOO		0EXU3	909-07951-000	COUPLING, GROOVED .....	1
19	PAOZZ	5330-01-526-4840	79154	75-E-1.0IN	. GASKET .....	1
20	XBOZZ		0EXU3	507-12356	PIPE SPOOL .....	1
21	XBOZZ		0EXU3	507-12357	PIPE SPOOL .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY P01

0033 00

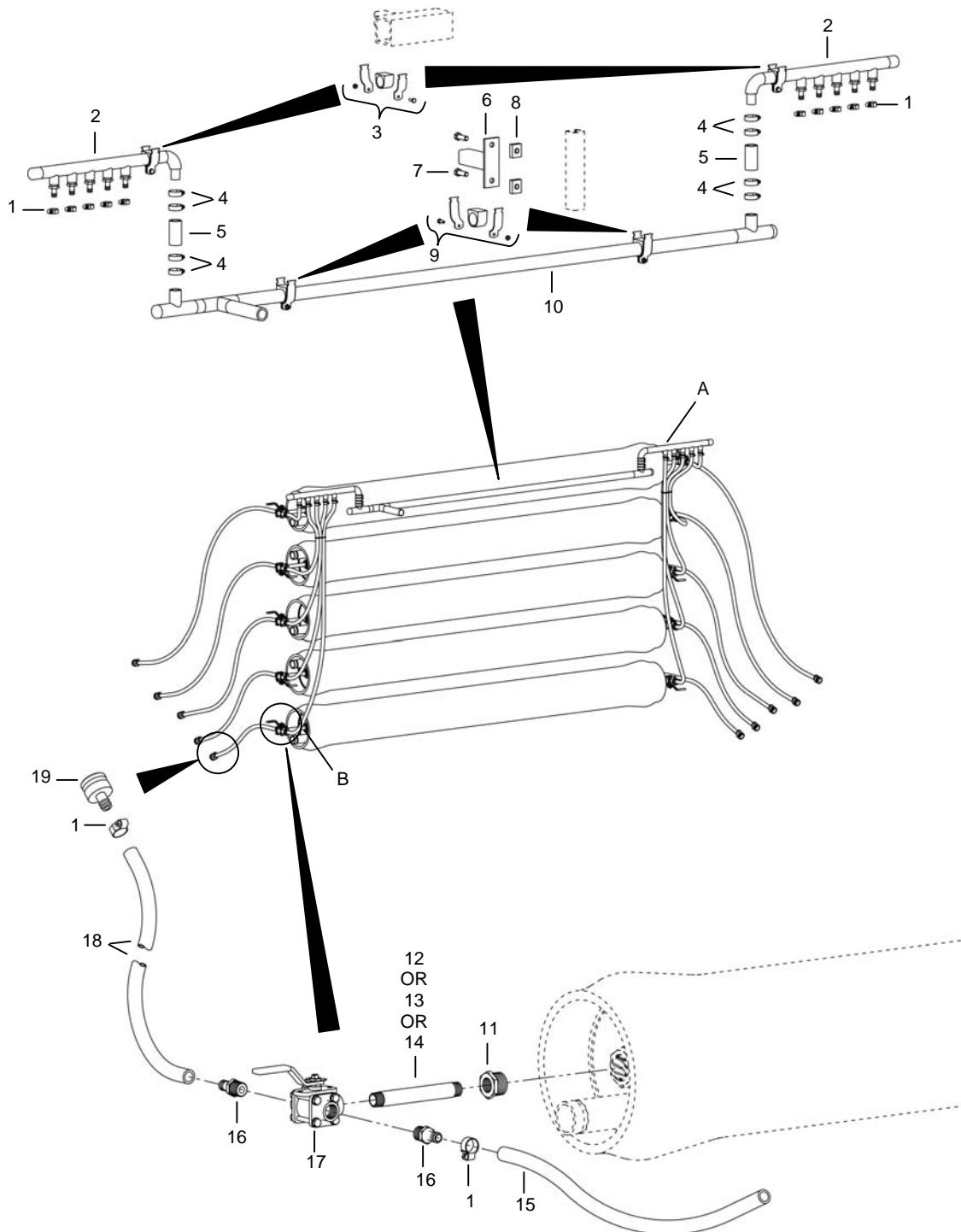


Figure 56. RO Piping Assembly P01 Manifold.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY P01  
REPAIR PARTS LIST**

**0033 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 56 RO PIPING ASSEMBLY P01 MANIFOLD						
1	PAOZZ	4730-01-091-9370	19207	11608950-2	CLAMP, HOSE .....	30
2	XBOZZ		0EXU3	507-12379	PIPE SPOOL .....	1
3	PAOZZ		55017	200100-4-656	CLAMP, CUSHIONING .....	2
4	PAOZZ	4730-01-072-1366	08484	127045	CLAMP, HOSE .....	8
5	MOOZZ		0EXU3	861-07590-000	HOSE, NONMETALLIC .....	2
(MAKE FROM BULK MATERIAL, NSN 4720-00-421-1277. CUT TO LENGTH 4 IN.)						
6	XBOZZ		0U5N7	33901151-4	HANGER, PIPE .....	2
7	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
8	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
9	PAOZZ	5340-01-526-5608	55017	100150-4-656	CLAMP, CUSHIONING .....	2
10	XBOZZ		0EXU3	507-12377	PIPE SPOOL .....	1
11	PAOZZ	4730-01-162-4992	02570	SS-16-RB-8	BUSHING, PIPE .....	10
12	XBOZZ		0EXU3	857-08481-000	NIPPLE, PIPE .....	8
(8 LOCATIONS EXCEPT AT "A" AND "B")						
13	XBOZZ		0EXU3	857-08482-000	NIPPLE, PIPE (AT LOCATION "A") .....	1
14	XBOZZ		0EXU3	857-07772	NIPPLE, PIPE (AT LOCATION "B") .....	1
15	MOOZZ		39428	5134K13	TUBING, NONMETALLIC .....	10
(CUT TO LENGTH AS NEEDED).						
16	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	20
17	PBOZZ	4820-01-526-2539	0EXU3	941-10707-000	VALVE BALL (V-501 THROUGH V-510) .....	10
18	MOOZZ		39428	5233K67	TUBING, NONMETALLIC .....	10
(CUT TO LENGTH AS NEEDED)						
19	PAOZZ	4730-01-526-5610	33813	E-05E-NYL	ADAPTER, STRAIGHT .....	10
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY P01

0033 00

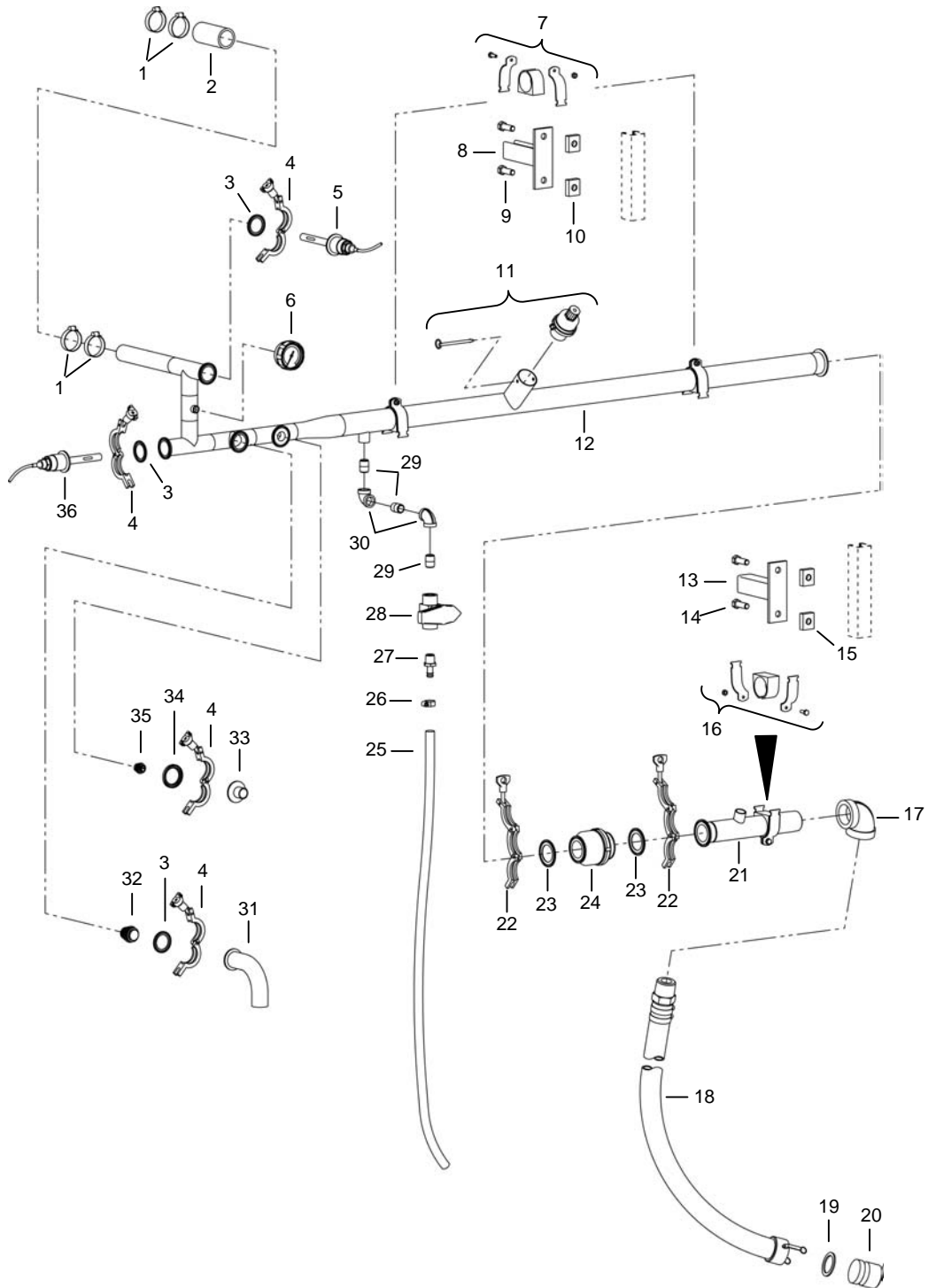


Figure 57. RO Piping Assembly P01 Outlet.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 04 REVERSE OSMOSIS SYSTEM  
PIPING ASSEMBLY P01  
REPAIR PARTS LIST**

**0033 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 REVERSE OSMOSIS SYSTEM FIGURE 57 RO PIPING ASSEMBLY P01 OUTLET						
1	PAOZZ	4730-00-142-2010	81343	SAE J1508 TYPE B SIZE 79	CLAMP, HOSE .....	4
2	MOOZZ		0EXU3	861-08398-000	HOSE, NONMETALLIC ..... (MAKE FROM BULK MATERIAL, NSN 4720- 01-410-8848. CUT TO LENGTH 4 IN.)	1
3	PAOZZ		0EXU3	853-09582-000	O-RING .....	3
4	PAOZZ	4730-01-467-1526	97403	13229E0692-1	CLAMP, HOSE .....	3
5	PBOZZ		52998	3455A6A	SENSOR, CONDUCTIVITY (CE-501A) .....	1
6	PBOZZ		0KMP4	1532031	GAUGE, PRESSURE (PI-501) .....	1
7	PAOZZ	5340-01-526-5376	55017	100200-4-656	CLAMP, CUSHIONING .....	2
8	XBOZZ		0U5N7	33901151-1	HANGER, PIPE .....	2
9	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
10	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
11	PBOZZ		52998	F1A11B2T20S	SENSOR, FLOW (FE-501) .....	1
12	XBOZZ		0EXU3	507-12376	PIPE SPOOL .....	1
13	XBOZZ		0U5N7	33901219	HANGER, PIPE .....	1
14	PAOZZ		1KXJ3	FS-7409 ST6	. SCREW, CAP, HEX .....	2
15	PAOZZ		1KXJ3	FS-1/2 NS ST	. NUT, CHANNEL .....	2
16	PAOZZ		55017	200150-4-656	CLAMP, CUSHIONING .....	1
17	XBOZZ	4730-01-526-2521	0EXU3	859-00423-000	ELBOW, PIPE .....	1
18	PBOOO	4720-01-526-2530	0U5N7	33901213	HOSE ASSEMBLY, OUTLET .....	1
19	PAOZZ	5330-01-526-0670	33813	NW4	. GASKET .....	1
20	PAOZZ		33813	15W-FDAPOLY	PLUG, PROTECTIVE .....	1
21	XBOZZ		0EXU3	507-12375	PIPE SPOOL .....	1
22	PAOZZ	4730-01-481-3606	11083	13MHHS-2-S	CLAMP, HOSE .....	2
23	PAOZZ	5330-01-526-2385	0EXU3	853-09885-000	GASKET .....	2
24	PBOZZ	4820-01-526-2333	0EXU3	940-09022-000	VALVE, CHECK (V-512) .....	1
25	MOOZZ		39428	5233K67	TUBING, NONMETALLIC ..... (CUT TO LENGTH 80 IN.)	1
26	PAOZZ	4730-01-091-9370	19207	11608950-2	CLAMP, HOSE .....	1
27	PAOZZ	4730-01-238-0179	54938	8-8 B2HF-SS	ADAPTER, STRAIGHT .....	1
28	PBOZZ	4820-01-526-9684	0EXU3	941-10620-000	VALVE, BALL (V-511) .....	1
29	XBOZZ		0EXU3	857-07761-000	NIPPLE, PIPE .....	3
30	XBOZZ		0EXU3	859-00304-000	ELBOW, PIPE .....	2
31	XBOZZ		0EXU3	870-14404-000	ELBOW, PIPE .....	1
32	PBOZZ	4820-01-526-2335	0EXU3	940-09003-000	VALVE, CHECK, INSERT (RV-501) .....	1
33	XBOZZ		0EXU3	870-09044-000	FERRULE .....	1
34	PAOZZ	5331-01-526-2389	0EXU3	853-09324-000	O-RING .....	1
35	PBOZZ	4820-01-526-2330	0EXU3	940-09024-000	VALVE, CHECK (VB-501) .....	1
36	PBOZZ		52998	3455E6A	SENSOR, CONDUCTIVITY (CE-501B) .....	1
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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 05 CHEMICAL INJECTION SYSTEM  
CHEMICAL INJECTION SYSTEM

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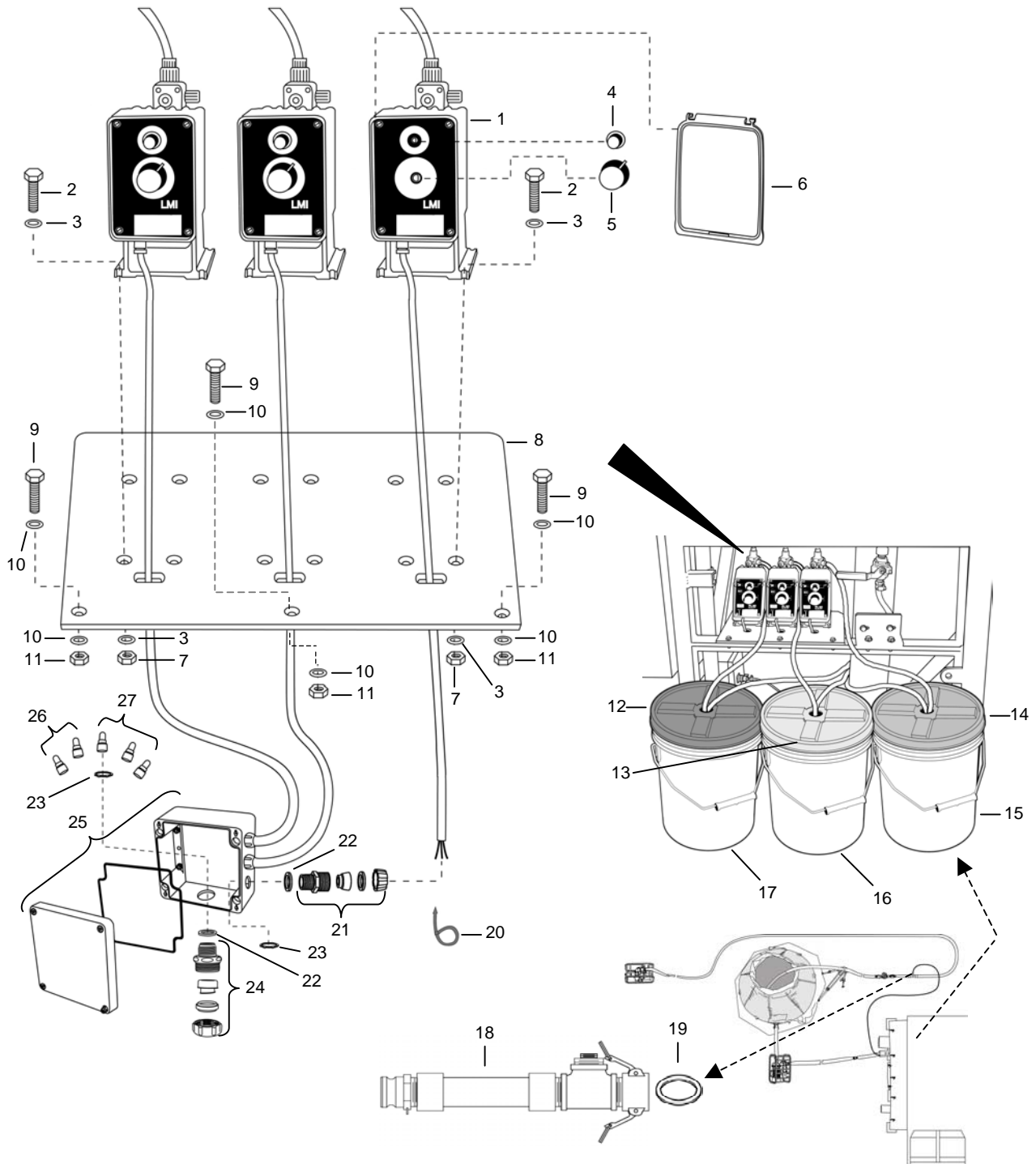


Figure 58. Chemical Injection System.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 05 CHEMICAL INJECTION SYSTEM  
CHEMICAL INJECTION SYSTEM  
REPAIR PARTS LIST**

**0034 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 05 CHEMICAL INJECTION SYSTEM FIGURE 58 CHEMICAL INJECTION SYSTEM						
1	PBOOO		62866	AA151-490SI	PUMP, RECIPROCATING .....	3
2	PAOZZ	5305-00-059-8481	96906	MS35216-47	. SCREW, MACHINE .....	4
3	PAOZZ	5310-00-880-5978	80205	MS15795-807	. WASHER, FLAT .....	8
4	PAOZZ	5355-01-376-5782	62866	30709	. KNOB, SPEED CONTROL .....	1
5	PAOZZ	5355-01-526-3401	62866	31890	. KNOB, STROKE CONTROL .....	1
6	PAOZZ	5340-01-526-3390	62866	37974	. SHIELD, CONTROL .....	1
7	PAOZZ	5310-00-982-6814	80205	MS21044C08	. NUT, SELF-LOCKING.....	4
8	XBOZZ		0U5N7	33902128	BASE, MOUNTING.....	1
9	PAOZZ	5306-00-637-9674	96906	MS35307-336	. BOLT, MACHINE.....	3
10	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT.....	6
11	PAOZZ	5310-01-478-8691	0Y3H3	70861	NUT, SELF-LOCKING.....	3
12	PAOZZ		0U5N7	33902558-2	LID, BLUE .....	1
13	PAOZZ		0U5N7	33902558-1	LID, YELLOW .....	1
14	PAOZZ		0U5N7	33902558-3	LID, RED.....	1
15	PBOZZ		0U5N7	33901259-3	BUCKET, CHEMICAL, RED.....	1
16	PBOZZ		0U5N7	33901259-2	BUCKET, CHEMICAL, YELLOW .....	1
17	PBOZZ		0U5N7	33901259-1	BUCKET, CHEMICAL, BLUE.....	1
18	PBOOO		0U5N7	33901113	ASSEMBLY, ADAPTOR A-11 .....	1
19	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
20	PAOZZ	5975-01-345-6512	06383	PLT1.5I-M	STRAP, TIE-DOWN, ELECTRICAL .....	2
21	PAOZZ	5975-00-296-1669	56501	2521	BOX CONNECTOR, ELECTRICAL .....	3
22	PAOZZ	5331-00-588-0892	56501	5262	O-RING .....	4
23	PAOZZ	5975-00-152-1075	56501	141	LOCK NUT, ELECTRICAL .....	4
24	PAOZZ	5975-00-983-9229	56501	5332	BOX CONNECTOR, ELECTRICAL .....	1
25	XBOOO		0U5N7	33902431	ENCLOSURE, ELECTRICAL .....	1
26	PAOZZ	5940-00-924-7831	06383	JN314-412-C	SPLICE, CONDUCTOR .....	2
27	PAOZZ	5310-01-526-3372	06383	JN218-216-C	SPLICE, CONDUCTOR .....	3
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 05 CHEMICAL INJECTION SYSTEM  
CHEMICAL INJECTION SYSTEM

0034 00

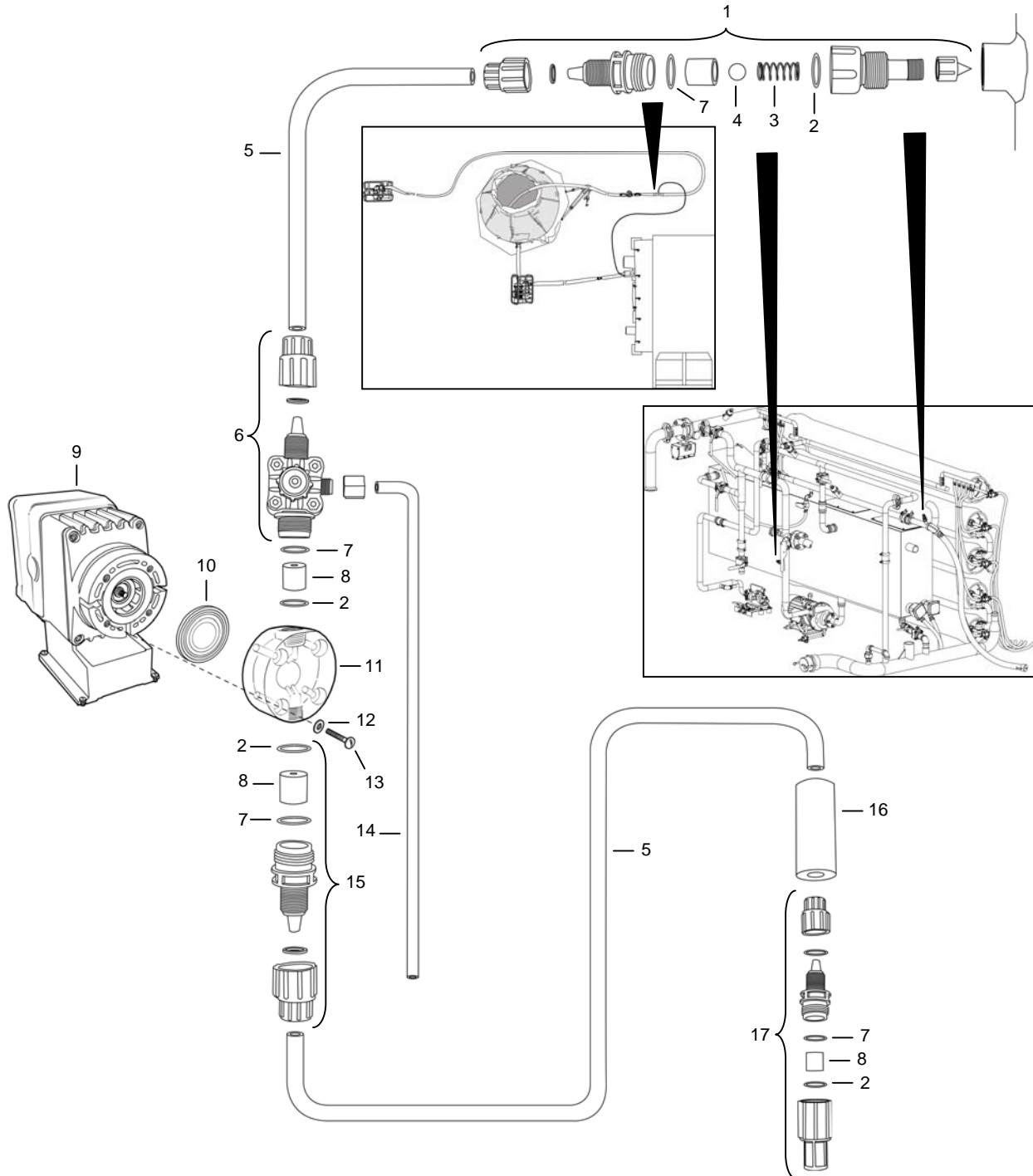


Figure 59. Chemical Injection Pump, Valves, and Injectors (Typical 1 of 3).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 05 CHEMICAL INJECTION SYSTEM  
CHEMICAL INJECTION SYSTEM  
REPAIR PARTS LIST**

**0034 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 05 CHEMICAL INJECTION SYSTEM FIGURE 59 CHEMICAL INJECTION PUMP, VALVES, AND INJECTORS						
1	PBOOO	4820-01-526-1050	62866	38026	ASSEMBLY, INJECTOR/CHECK VALVE.....	1
2	PAOZZ	5331-01-526-0778	62866	36103	O-RING (PART OF KIT PN RPM/390-391).....	4
3	PAOZZ	5360-01-526-0752	62866	37341	SPRING, COMPRESSION .....	1
					(PART OF KIT PN RPM/390-391)	
4	PAOZZ	4820-01-323-7325	62866	10038	BALL, CHECK .....	1
					(PART OF KIT PN RPM/390-391)	
5	MOOZZ	4720-01-352-6920	62866	10342	TUBING, NONMETALLIC .....	2
					(CUT TO LENGTH FROM BULK)	
6	PBOZZ	4820-01-526-0811	62866	38003	VALVE, 4-FUNCTION .....	1
7	PAOZZ	5310-01-526-0781	62866	36107	WASHER, FLAT .....	4
					(PART OF KIT PN RPM/390-391)	
8	PAOZZ	4820-01-526-0766	62866	36307	CARTRIDGE ASSEMBLY .....	3
					(PART OF KIT PN RPM/390-391)	
9	PBOZZ	4320-01-526-3632	62866	AA151	DRIVE ASSEMBLY .....	1
10	PBOZZ		62866	30917	DIAPHRAGM, PUMP .....	1
					(PART OF KIT PN RPM/390-391)	
11	PBOZZ	4320-01-526-0729	62866	36157	HEAD, PUMP.....	1
12	PAOZZ		62866	39490	. WASHER, FLAT.....	4
13	PAOZZ	5305-00-050-9234	96906	MS51957-68	. SCREW, MACHINE .....	4
					(PART OF KIT PN RPM/390-391)	
14	MOOZZ		62866	25636	TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH FROM BULK - 36 IN.)	
15	PBOOO	4820-01-526-0791	62866	38019	ASSEMBLY, SUCTION VALVE .....	1
16	PBOZZ	4820-01-526-1053	62866	10322	WEIGHT.....	1
17	PBOOO	4820-01-526-0786	62866	38032	ASSEMBLY, FOOT VALVE .....	1
	PAOZZ	4320-01-526-0749	62866	RPM/390-391	KIT, REPAIR.....	1
					..... BALL, CHECK (1) - 4	
					..... CARTRIDGE ASSEMBLY (3) - 8	
					..... DIAPHRAGM, PUMP (1) - 10	
					..... O-RING (4) - 2	
					..... SCREW, MACHINE (4) - 13	
					..... SPRING, COMPRESSION (1) - 3	
					..... WASHER, FLAT (4) - 7	
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM

0035 00

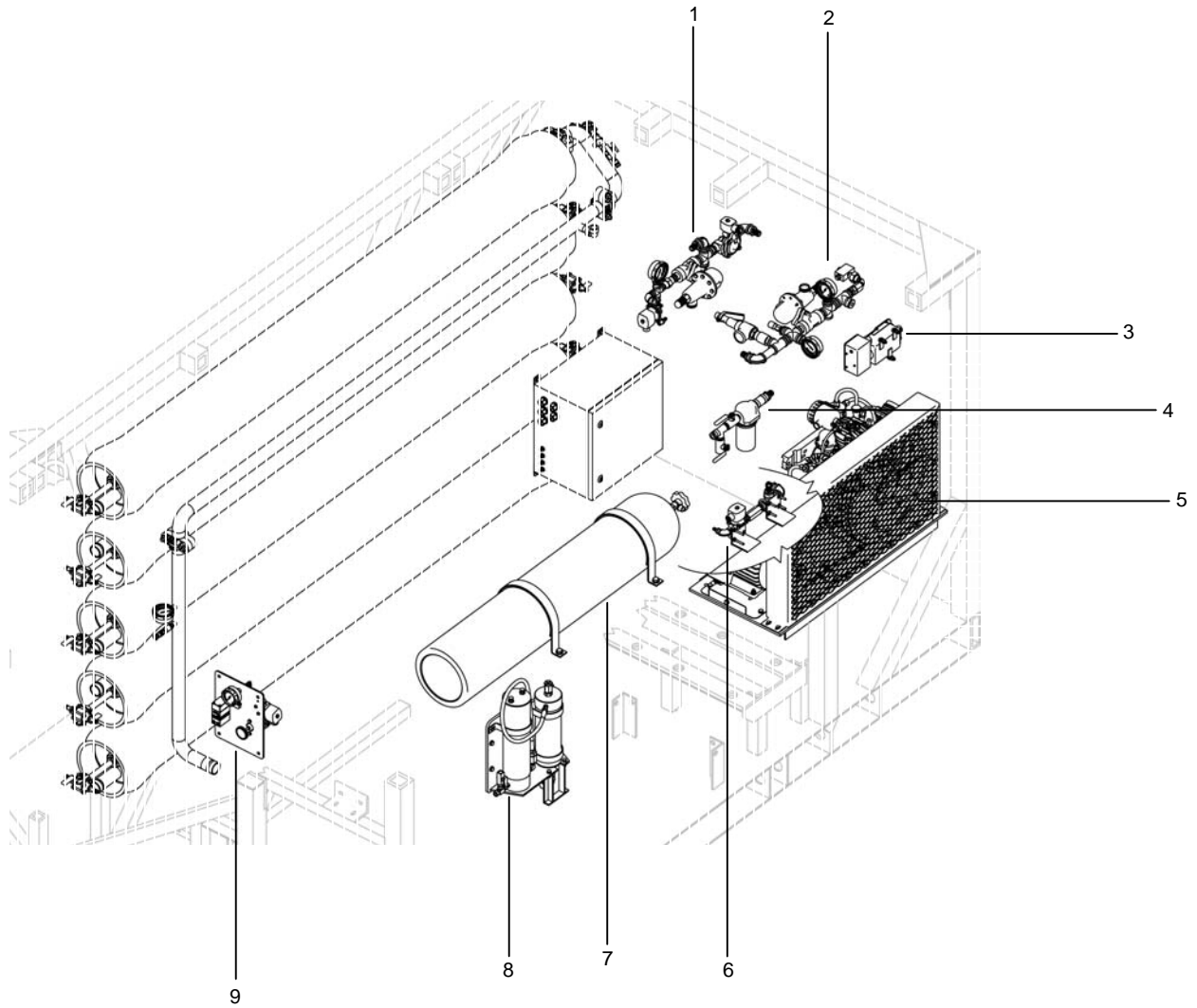


Figure 60. Air System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR SYSTEM  
REPAIR PARTS LIST**

**0035 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 60 AIR SYSTEM						
1	XBOOO		0U5N7	33901055	AIR SYSTEM SECTION 3 .....	1
2	XBOOO		0U5N7	33901053	AIR SYSTEM SECTION 1 .....	1
3	PAOZZ	5930-01-012-7973	19278	222-20NB13- 2222447	PRESSURE SWITCH .....	1
4	XBOOO		0U5N7	33901058	AIR SYSTEM SECTION 6 .....	1
5	XCOFF		0U5N7	33901061	AIR COMPRESSOR ASSEMBLY .....	1
6	XBOOO		0U5N7	33901056	AIR SYSTEM SECTION 4 .....	1
7	XBOZZ		59450	N265-CGA346	AIR RECEIVER TANK .....	1
8	XBOOO		0U5N7	33901060	AF2/CO1 ASSEMBLY .....	1
9	XDOOO		0U5N7	33901062	FEED FLOW CONTROL PANEL ASSEMBLY ....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR COMPRESSOR ASSEMBLY

0036 00

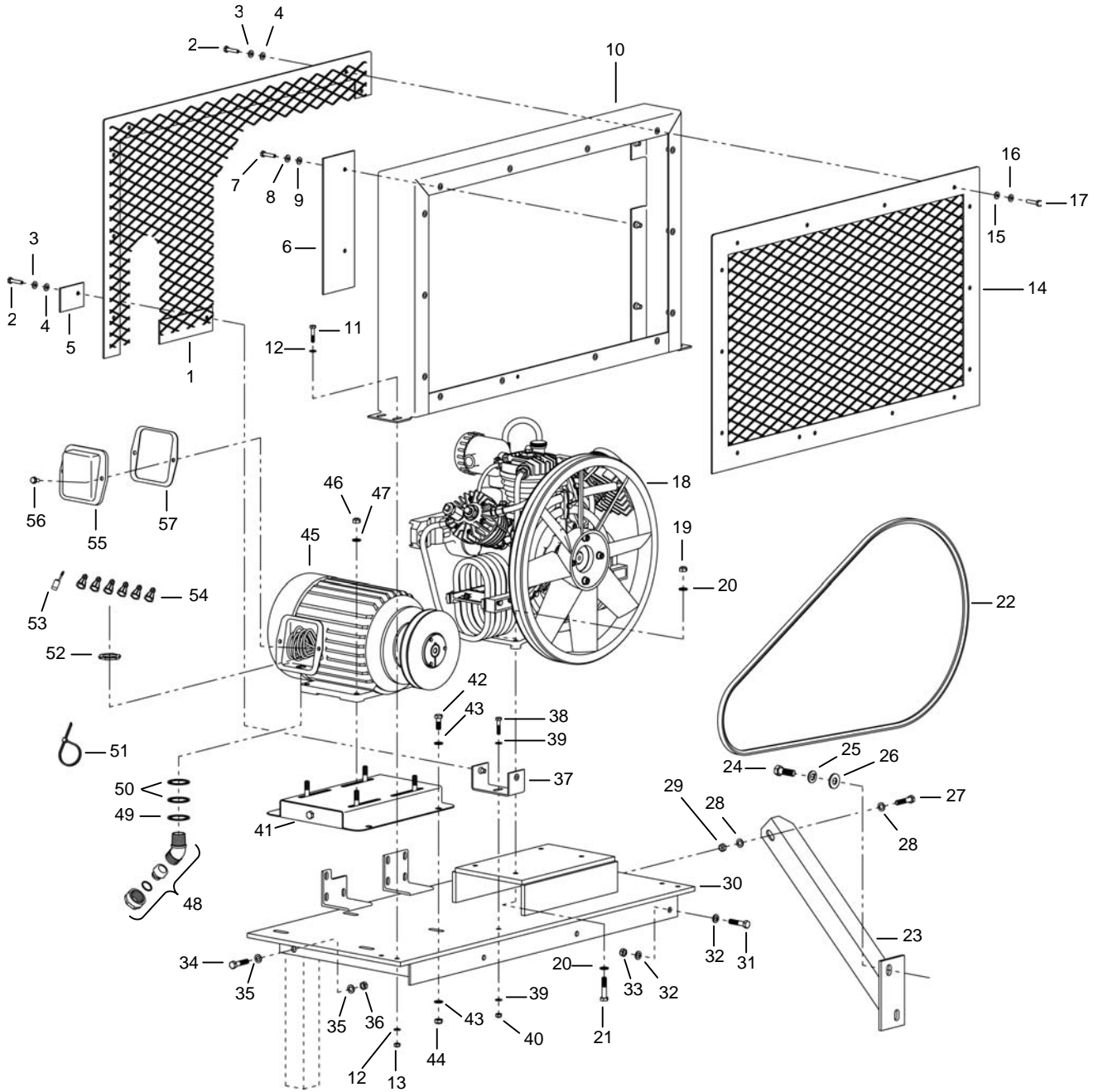


Figure 61. Air Compressor Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR COMPRESSOR ASSEMBLY  
REPAIR PARTS LIST**

**0036 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 61 AIR COMPRESSOR ASSEMBLY						
1	XBOZZ		0U5N7	33901170	SHIELD PLATE, REAR .....	1
2	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	9
3	PAOZZ	5310-00-543-2740	03487	C776	. WASHER, LOCK .....	9
4	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	9
5	XBOZZ		0U5N7	33902451	. PLATE, BRACKET .....	1
6	XBOZZ		0U5N7	33902254	SHIELD, BELT GUARD .....	1
7	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	2
8	PAOZZ	5310-00-543-2740	03487	C776	. WASHER, LOCK .....	2
9	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	2
10	XBOZZ		0U5N7	33901167	FRAME, BELT GUARD .....	1
11	PAOZZ	5306-00-637-9674	96906	MS35307-336	. BOLT, MACHINE .....	4
12	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	8
13	PAOZZ	5310-01-478-8691	0Y3H3	70861	. NUT, SELF-LOCKING .....	4
14	XBOZZ		0U5N7	33901169	SHIELD PLATE, FRONT .....	1
15	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	15
16	PAOZZ	5310-00-543-2740	03487	C776	. WASHER, LOCK .....	15
17	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	15
18	PBOOO	4310-01-526-1059	57328	C-BH/TWPS	COMPRESSOR, AIR .....	1
19	PAOZZ	5310-01-478-8691	0Y3H3	70861	. NUT, SELF-LOCKING .....	4
20	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	8
21	PAOZZ	5306-00-655-6170	96906	MS35307-338	. BOLT, MACHINE .....	4
22	PAOZZ	3030-00-445-4514	04NP0	A76	BELT, V .....	1
23	XBOZZ		0U5N7	33901036	BRACE .....	1
24	PAOZZ	5305-00-827-7834	96906	MS35307-408	. SCREW, CAP, HEX .....	2
25	PAOZZ	5310-00-261-7156	96906	MS35333-78	. WASHER, LOCK .....	2
26	PAOZZ	5310-00-767-9425	80205	MS15795-818	. WASHER, FLAT .....	4
27	PAOZZ	5305-00-717-5467	80205	MS35307-362	. SCREW, CAP, HEX .....	1
28	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	2
29	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING .....	1
30	XBOZZ		0U5N7	33901022	BASE, AIR COMP .....	1
31	PAOZZ	5305-00-717-5467	80205	MS35307-362	. SCREW, CAP, HEX .....	3
32	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	6
33	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING .....	3
34	PAOZZ	5305-01-422-9270	96906	MS35307-413S316	. SCREW, CAP, HEX .....	1
35	PAOZZ	5310-00-767-9425	80205	MS15795-818	. WASHER, FLAT .....	2
36	PAOZZ		0EXU3	869-08576-000	. NUT, SELF-LOCKING .....	1
37	XBOZZ		0U5N7	33901168	BRACKET .....	1
38	PAOZZ	5306-00-637-9674	96906	MS35307-336	. BOLT, MACHINE .....	1
39	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	2
40	PAOZZ	5310-01-478-8691	0Y3H3	70861	. NUT, SELF-LOCKING .....	1
41	XBOZZ		25795	3M280	BASE, MOTOR .....	1
42	PAOZZ	5305-00-717-5467	80205	MS35307-362	. SCREW, CAP, HEX .....	4
43	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	8
44	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING .....	4

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR COMPRESSOR ASSEMBLY  
REPAIR PARTS LIST**

**0036 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 61 AIR COMPRESSOR ASSEMBLY						
45	PBOZZ	6105-01-526-1048	0D5S3	894-08798	MOTOR, AC .....	1
46	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING .....	4
47	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	4
48	PAOZZ	5975-00-952-0021	03743	STB-4550	BOX CONNECTOR, ELECTRICAL .....	1
49	PAOZZ	5331-00-588-0892	56501	5262	O-RING .....	1
50	PAOZZ	5975-00-982-9066	56501	3701	REDUCING WASHER .....	2
51	PAOZZ	5975-01-345-6512	06383	PLT1.5I-M	STRAP, TIE-DOWN, ELECTRICAL .....	6
52	PAOZZ	5975-00-642-7261	56501	142	LOCKNUT, ELECTRICAL .....	1
53	PAOZZ	5940-00-143-4780	06383	PN14-10R-C	TERMINAL, LUG .....	1
54	PAOZZ	5940-01-350-4066	06383	JN418-212	SPLICE, CONDUCTOR .....	6
55	PAOZZ	5340-01-526-4634	0D5S3	390417	COVER, ELECTRICAL BOX .....	1
56	PAOZZ	5305-01-526-4998	0D5S3	360215	. SCREW, TAPPING .....	2
57	PAOZZ		0D5S3	394829	GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR COMPRESSOR

0037 00

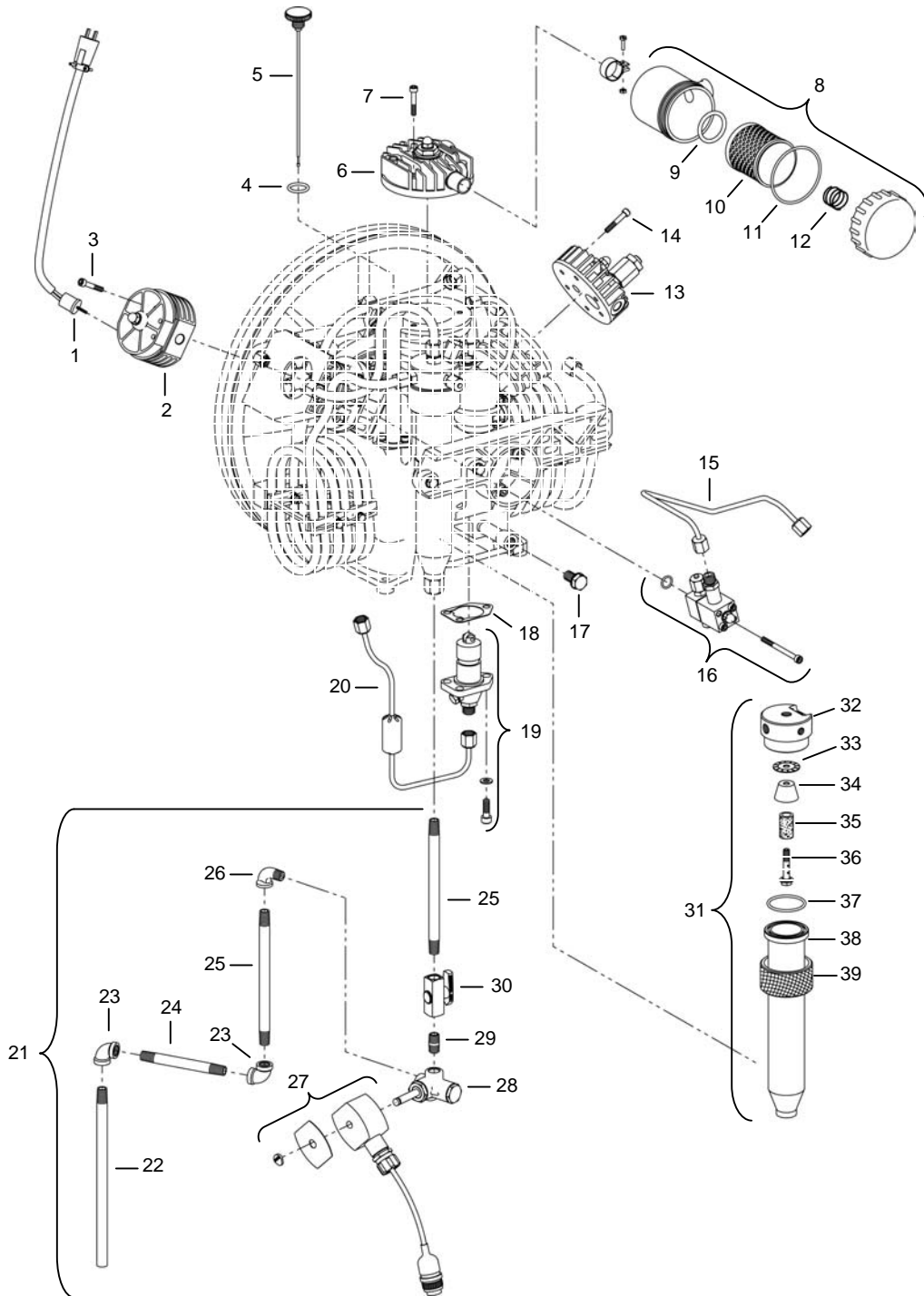


Figure 62. Air Compressor.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR COMPRESSOR  
REPAIR PARTS LIST**

**0037 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 62 AIR COMPRESSOR						
1	PAOZZ	5930-01-475-9237	57328	SWT-0006	SWITCH, THERMOSTATIC (TSH-901) .....	1
2	PBOZZ	4310-01-460-3703	57328	069954	ASSY, VALVE HEAD #3 .....	1
3	PAOZZ	5305-01-460-9554	57328	N01282	. SCREW, CAP, SOCKET HEAD .....	6
4	PAOZZ	5331-01-460-2647	57328	N03521	O-RING .....	1
5	PAOZZ	6680-01-526-1068	57328	014886	DIPSTICK, OIL .....	1
6	PBOZZ	4310-01-460-4626	57328	014906	ASSY, VALVE HEAD #1 .....	1
7	PAOZZ	5305-01-460-6475	57328	SCR-180	. SCREW, CAP, HEX .....	3
8	PAOOO	4310-01-460-3404	57328	013758	FILTER ASSEMBLY .....	1
9	PAOZZ	5331-01-233-3248	57328	N013757	. O-RING .....	1
10	PAOZZ	4310-01-460-3415	57328	N00070	. FILTER ELEMENT, AIR .....	1
11	PAOZZ	5331-01-233-3248	57328	N04451	. O-RING .....	1
12	PAOZZ	5360-01-461-4206	57328	010528	. SPRING, HELICAL .....	1
13	PBOZZ	4310-01-460-3698	57328	014696	ASSY, VALVE HEAD #2 .....	1
14	PAOZZ	5305-01-460-6475	57328	SCR-180	. SCREW, CAP, HEX .....	6
15	XBOZZ		57328	069965	TUBE, OIL RETURN.....	1
16	PBOZZ	4820-01-282-2501	57328	058138	VALVE, REGULATING .....	1
17	PAOZZ	4730-01-459-9480	57328	NO3707	PLUG, PIPE .....	1
18	PAOZZ	5330-01-460-5428	57328	002010	GASKET .....	1
19	PBOZZ	4310-01-460-6470	57328	N00083	OIL PUMP, COMPRESSOR .....	1
20	XBOZZ		57328	069966	TUBE, OIL SUPPLY .....	1
21	XCOOO		0U5N7	33901176	ASSY, COMPRESSOR DRAIN .....	1
22	PAOZZ	4730-01-526-1170	39428	4816K122	. NIPPLE, PIPE .....	1
23	PAOZZ	4730-01-526-1162	39428	4452K412	. ELBOW, PIPE .....	1
24	PAOZZ	4730-01-526-1166	39428	4548K138	. NIPPLE, PIPE .....	1
25	PAOZZ	4730-01-526-1064	39428	4548K139	. NIPPLE, PIPE .....	2
26	PAOZZ	4730-01-526-0741	39428	4452K472	. ELBOW, PIPE .....	1
27	PAOZZ	5945-01-526-0812	0U5N7	33903015-3	. SOLENOID ASSEMBLY .....	1
28	PBOZZ	4810-01-526-0763	0U5N7	33902485-2	. VALVE, SOLENOID (XV-910) .....	1
29	PAOZZ	4730-01-449-7483	39428	4548K132	. NIPPLE, PIPE .....	1
30	PBOZZ	4820-01-115-3452	02570	SS-4P4T4	. VALVE, PLUG (V-901) .....	1
31	PAOOO	4310-01-460-3402	57328	067612	FILTER ASSEMBLY .....	1
32	XAOZZ		57328	013930	. FILTER HEAD .....	1
33	PAOZZ	4310-01-460-6548	57328	012784	. VALVE PLATE .....	1
34	PAOZZ	4310-01-460-6473	57328	012785	. CONE, BAFFLE .....	1
35	PAOZZ	4310-01-460-4603	57328	N02726	. FILTER, INLET AIR (SINTERED METAL).....	1
36	PAOZZ	5305-01-460-6980	57328	012786	. SCREW, CAP, HEX .....	1
37	PAOZZ	5331-01-460-5432	57328	N03556	. O-RING .....	1
38	XAOZZ		57328	014150	. HOUSING, FILTER .....	1
39	XAOZZ		57328	013937	. COLLAR, THREADED.....	1
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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AF2 - CO1 ASSEMBLY

0038 00

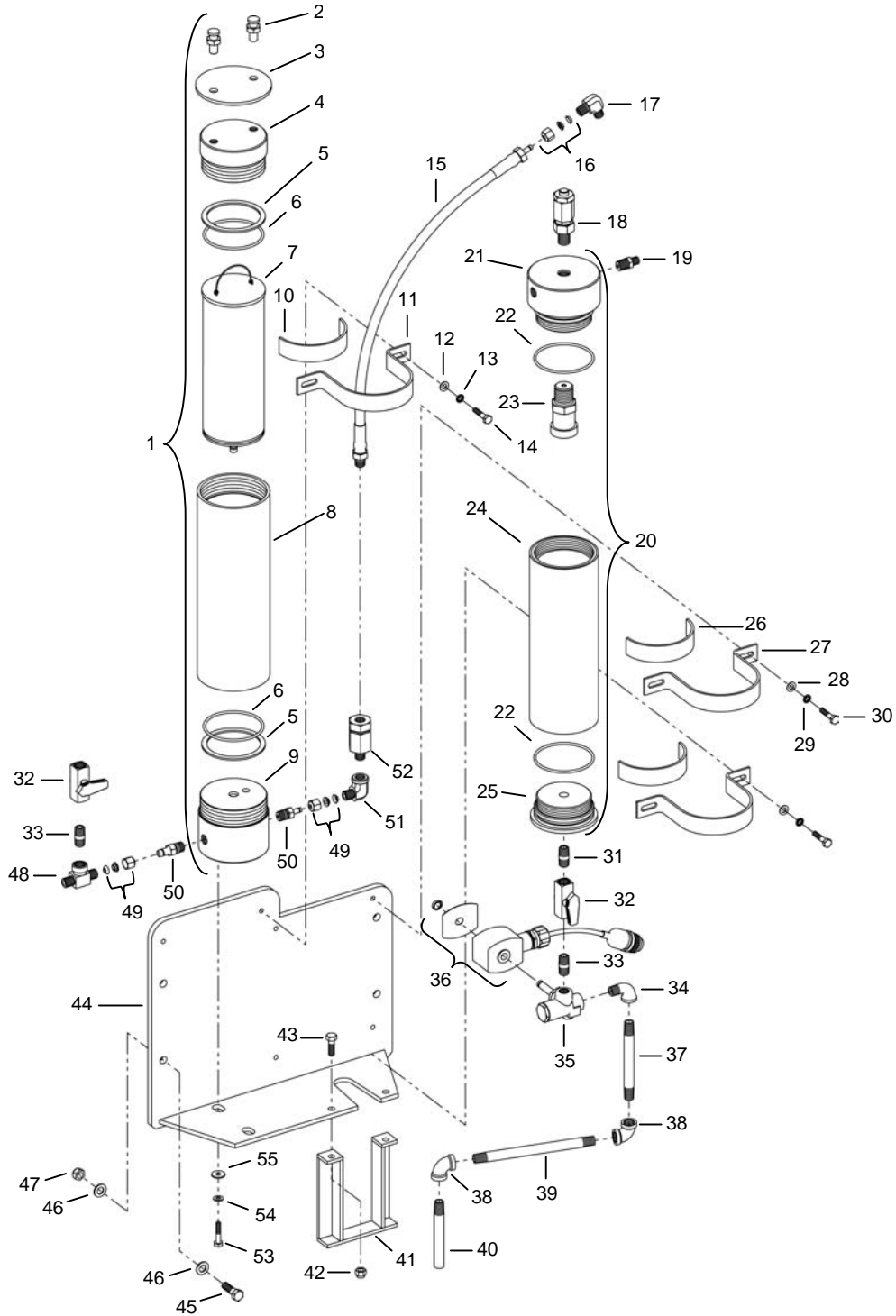


Figure 63. AF2 - CO1 Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AF2 – CO1 ASSEMBLY**

**0038 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 63 AF2 - CO1 ASSEMBLY						
1	XBOOO		57328	80143/TWPS	PURIFIER UNIT, AIR (AF2) .....	1
2	PAOZZ	5305-01-368-2956	57328	012293	. SCREW, MACHINE .....	2
3	XBOZZ		57328	061237	. COVER PLATE .....	1
4	XAOZZ		57328	080147	. FILTER HEAD .....	1
5	PAOZZ	5331-01-461-1631	57328	N04736	. O-RING .....	2
6	PAOZZ	5331-01-460-5435	57328	N04735	. O-RING .....	2
7	PBOZZ	4310-01-460-7980	57328	058821A	. CARTRIDGE, PURIFIER .....	1
8	XAOZZ		57328	080146	. FILTER HOUSING .....	1
9	XAOZZ		57328	080148	. FILTER BOTTOM.....	1
10	PAOZZ	5330-01-526-0687	0U5N7	33902458-1	RUBBER STRIP .....	1
11	XBOZZ		0U5N7	33902446	BRACKET .....	1
12	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	2
13	PAOZZ	5310-00-184-9562	96906	MS35335-62	. WASHER, LOCK .....	2
14	PAOZZ	5306-00-021-3623	96906	MS35307-331	. BOLT, MACHINE .....	2
15	PAOZZ	4720-01-526-0699	1EYE3	SS-7R4-TA4- PM4-31	HOSE ASSEMBLY, NONMETALLIC .....	1
16	PAOZZ	4730-01-526-5205	02570	SS-400-NFSET	. NUT-FERRULE SET .....	1
17	PAOZZ	4730-00-490-6257	02570	SS-400-2-4	ELBOW, PIPE TO TUBE .....	1
18	PAOZZ	4820-01-526-0748	57328	VAL-0169/TWPS	VALVE, RELIEF (RV-901) .....	1
19	PAOZZ	4730-00-239-0189	02570	SS-400-1-4	ADAPTER, STRAIGHT .....	1
20	XBOOO		57328	079416/TWPS	COALESCER, OIL/WATER (CO1) .....	1
21	XAOZZ		57328	90132	. HEAD, SEPARATOR .....	1
22	PAOZZ	5331-01-460-5435	57328	N04735	. O-RING .....	2
23	PBOZZ	4310-01-460-4592	57328	061860	. FILTER ELEMENT .....	1
24	XAOZZ		57328	90055	. HOUSING, SEPARATOR .....	1
25	XAOZZ		57328	90082	. BOTTOM PLUG .....	1
26	PAOZZ	5330-01-526-0687	0U5N7	33902458-2	RUBBER STRIP .....	2
27	XBOZZ		0U5N7	33902282	BRACKET .....	2
28	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	4
29	PAOZZ	5310-00-184-9562	96906	MS35335-62	. WASHER, LOCK .....	4
30	PAOZZ	5306-00-021-3623	96906	MS35307-331	. BOLT, MACHINE .....	4
31	PAOZZ	4730-01-449-7483	39428	4548K132	NIPPLE, PIPE .....	1
32	PAOZZ	4820-01-115-3452	02570	SS-4P4T4	VALVE, PLUG (V-902, V-904) .....	2
33	PAOZZ	4730-00-560-4793	88772	15230301	NIPPLE, PIPE .....	2
34	PAOZZ	4730-01-526-0741	39428	4452K472	ELBOW, PIPE .....	1
35	PAOZZ	4810-01-526-0763	0U5N7	33902485-2	VALVE, SOLENOID (XV-911) .....	1
36	PAOZZ	5945-01-526-0812	0U5N7	33903015-3	SOLENOID ASSEMBLY .....	1
37	PAOZZ	4730-01-526-1166	39428	4548K138	NIPPLE, PIPE .....	1
38	PAOZZ	4730-01-526-1162	39428	4452K412	ELBOW, PIPE .....	2
39	PAOZZ	4730-01-511-7247	39428	4548K141	NIPPLE, PIPE .....	1
40	PAOZZ	4730-01-526-1173	39428	4548K133	NIPPLE, PIPE .....	1
41	XBOZZ		0U5N7	33901044	PROTECTOR, VALVE .....	1
42	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF-LOCKING .....	2
43	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	2
44	XBOZZ		0U5N7	33901032	PLATE, MOUNTING .....	1
45	PAOZZ	5305-00-021-3740	80205	MS35307-364	. SCREW, CAP, HEX .....	4

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AF2 – CO1 ASSEMBLY  
REPAIR PARTS LIST**

**0038 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
46	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	8
47	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING.....	4
48	PAOZZ	4730-00-684-3794	02570	SS-600-3TTF	TEE, PIPE TO TUBE .....	1
49	PAOZZ	5340-01-526-0738	02570	SS-600-NFSET	NUT-FERRULE SET .....	2
50	PAOZZ	4730-00-137-1888	02570	SS-6-TA-1-4	ADAPTER, STRAIGHT .....	2
51	PAOZZ	4730-00-793-2701	02570	SS-600-8-4	ELBOW, PIPE TO TUBE .....	1
52	PAOZZ	4820-01-460-3053	57328	VAL-0007	VALVE, CHECK (V-903) .....	1
53	PAOZZ	5305-01-526-0763	39428	93635A420	. SCREW, CAP, HEX .....	2
54	PAOZZ	5310-01-483-2619	39428	92148A210	. WASHER, LOCK .....	2
55	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 1

0039 00

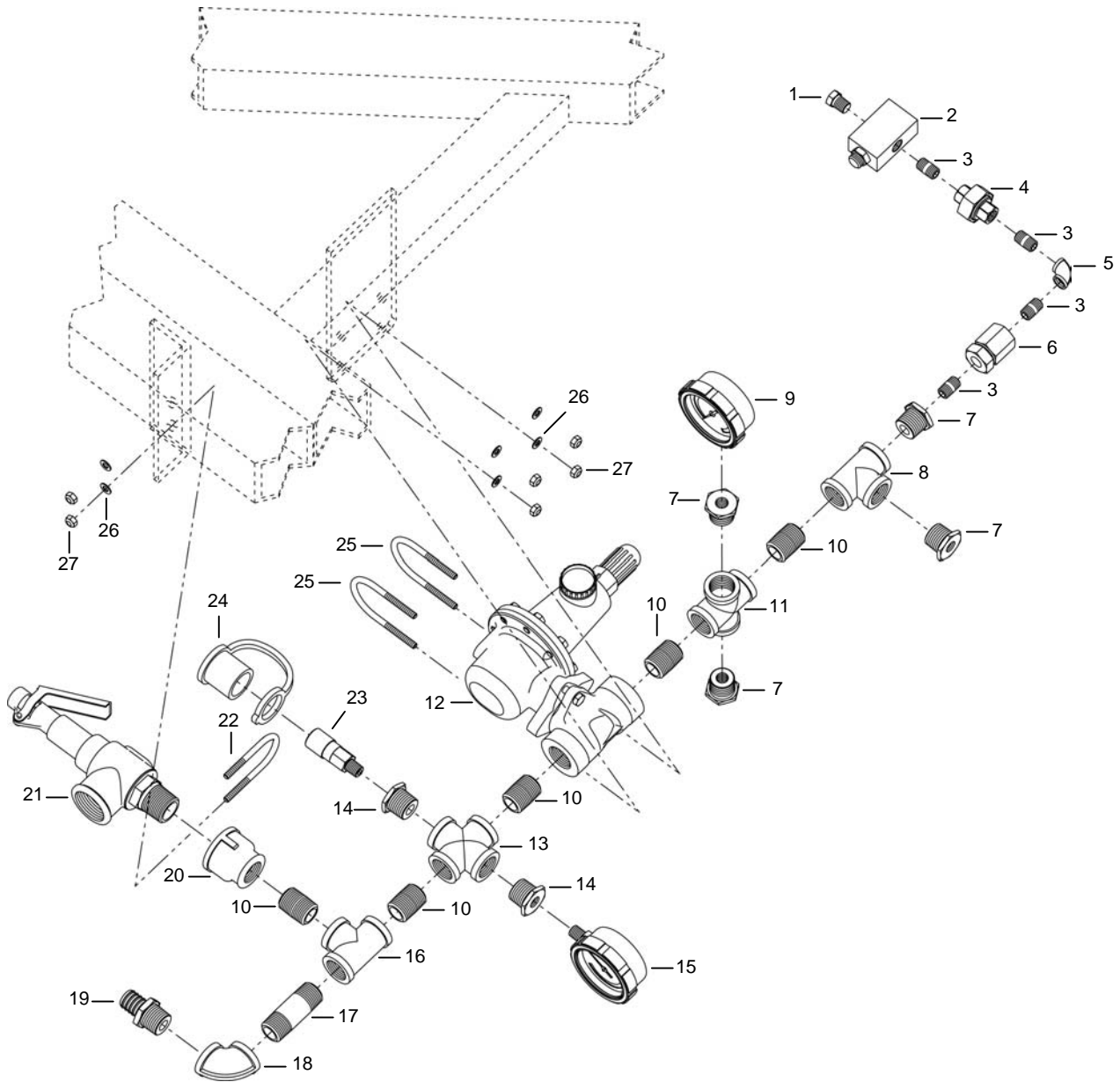


Figure 64. Air System Section 1.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 1  
REPAIR PARTS LIST**

**0039 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 64 AIR SYSTEM SECTION 1						
1	PAOZZ	5340-01-460-1325	072E5	1988AS1124	CAP, PROTECTIVE .....	1
2	PAOZZ	4820-01-460-3065	57328	VAL-0053	PRESSURE VALVE (V-905) .....	1
3	PAOZZ	4730-00-826-0093	39428	4475K12	NIPPLE, PIPE .....	4
4	PAOZZ	4730-00-928-8768	81343	AS4859K02	UNION, PIPE .....	1
5	PAOZZ	4730-00-137-7875	02570	SS-4-ME	ELBOW, PIPE .....	1
6	PAOZZ	4820-01-460-3053	57328	VAL-0007	VALVE, CHECK (V-906) .....	1
7	PAOZZ	4730-01-526-1559	0U5N7	33905508	BUSHING, PIPE .....	3
8	PAOZZ	4730-01-009-0981	30780	3-4MMO-SS	TEE, PIPE .....	1
9	PAOZZ	6685-01-526-5201	0KMP4	1511173	GAUGE, PRESSURE (PI-901) .....	1
10	PAOZZ	4730-00-560-4846	97576	12SPNX1 3/8SS	NIPPLE, PIPE .....	5
11	PAOZZ	4730-00-143-9044	88044	AN918-6K	CROSS, PIPE .....	1
12	PAOZZ	4820-01-526-1525	26819	627-14	VALVE, REGULATING (PRV-901) .....	1
13	PAOZZ	4730-01-284-9087	30780	3/4KMM00-SS	CROSS, PIPE .....	1
14	PAOZZ	4730-01-526-1501	0U5N7	33905506	BUSHING, PIPE .....	3
15	PAOZZ	6685-01-526-1490	0KMP4	1511167	GAUGE, PRESSURE (PI-902) .....	1
16	PAOZZ	4730-01-184-0097	98660	PF31-12	TEE, PIPE .....	1
17	PAOZZ	4730-00-971-8236	39428	4548K195	NIPPLE, PIPE .....	1
18	PAOZZ	4730-00-277-6599	5A784	1301007	ELBOW, PIPE .....	1
19	PAOZZ	4730-01-206-4814	72661	RST-5	ADAPTER, STRAIGHT .....	1
20	PAOZZ	4730-01-167-2789	39428	4452K585	REDUCER, PIPE .....	1
21	PAOZZ	4820-01-526-1470	01343	6010FEV01	VALVE, RELIEF (RV-902) .....	1
22	PAOZZ		39428	29605T5	U-BOLT .....	1
23	PAOZZ	4730-01-177-0987	55719	AHC21	COUPLING HALF, QD .....	1
24	PAOZZ	5340-01-526-1931	39428	5248K64	CAP, PROTECTIVE .....	1
25	PAOZZ	5306-01-526-1464	39428	29605T6	U-BOLT .....	2
26	PAOZZ	5310-00-625-5756	80205	MS15795-812	WASHER, FLAT .....	6
27	PAOZZ	5310-01-478-8691	0Y3H3	70861	NUT, SELF-LOCKING .....	6
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
PRESSURE SWITCH ASSEMBLY AND AIR RECEIVER TANK R-1

0040 00

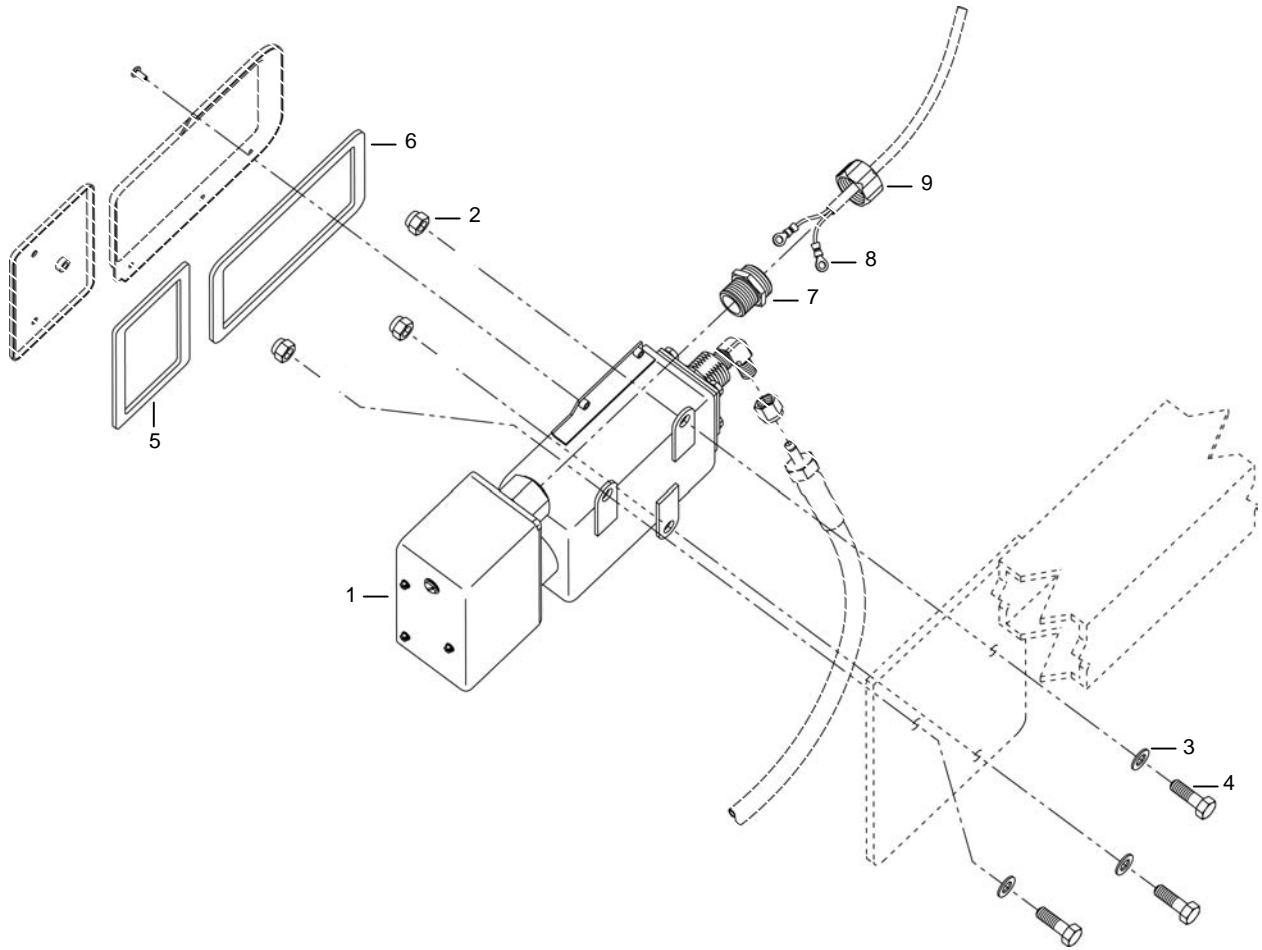


Figure 65. Pressure Switch Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
PRESSURE SWITCH ASSEMBLY AND AIR RECEIVER TANK R-1  
REPAIR PARTS LIST**

**0040 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 06 AIR SYSTEM FIGURE 65 PRESSURE SWITCH ASSEMBLY	
1	PAOZZ	5930-01-012-7973	19278	222-20NB13- 2222447	SWITCH, PRESSURE (PSL/PSH-901) .....	1
2	PAOZZ	5310-01-478-8691	0Y3H3	70861	. NUT, SELF-LOCKING .....	3
3	PAOZZ	5310-00-625-5756	80205	MS15795-812	. WASHER, FLAT .....	3
4	PAOZZ	5306-00-543-4405	96906	MS35307-334	. BOLT, MACHINE .....	3
5	PAOZZ	5330-01-526-1927	19278	222233	. GASKET .....	1
6	PAOZZ	5330-01-526-1926	19278	22021	. GASKET .....	1
7	PAOZZ		B1697	601TB	REDUCER, THREADED .....	1
8	PAOZZ	5940-00-143-4771	81343	MS25036-103	TERMINAL, LUG .....	2
9	PAOZZ	5975-00-284-6978	56501	2520	BOX CONNECTOR, ELECTRICAL .....	1
					END OF FIGURE	

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
PRESSURE SWITCH ASSEMBLY AND AIR RECEIVER TANK R-1

0040 00

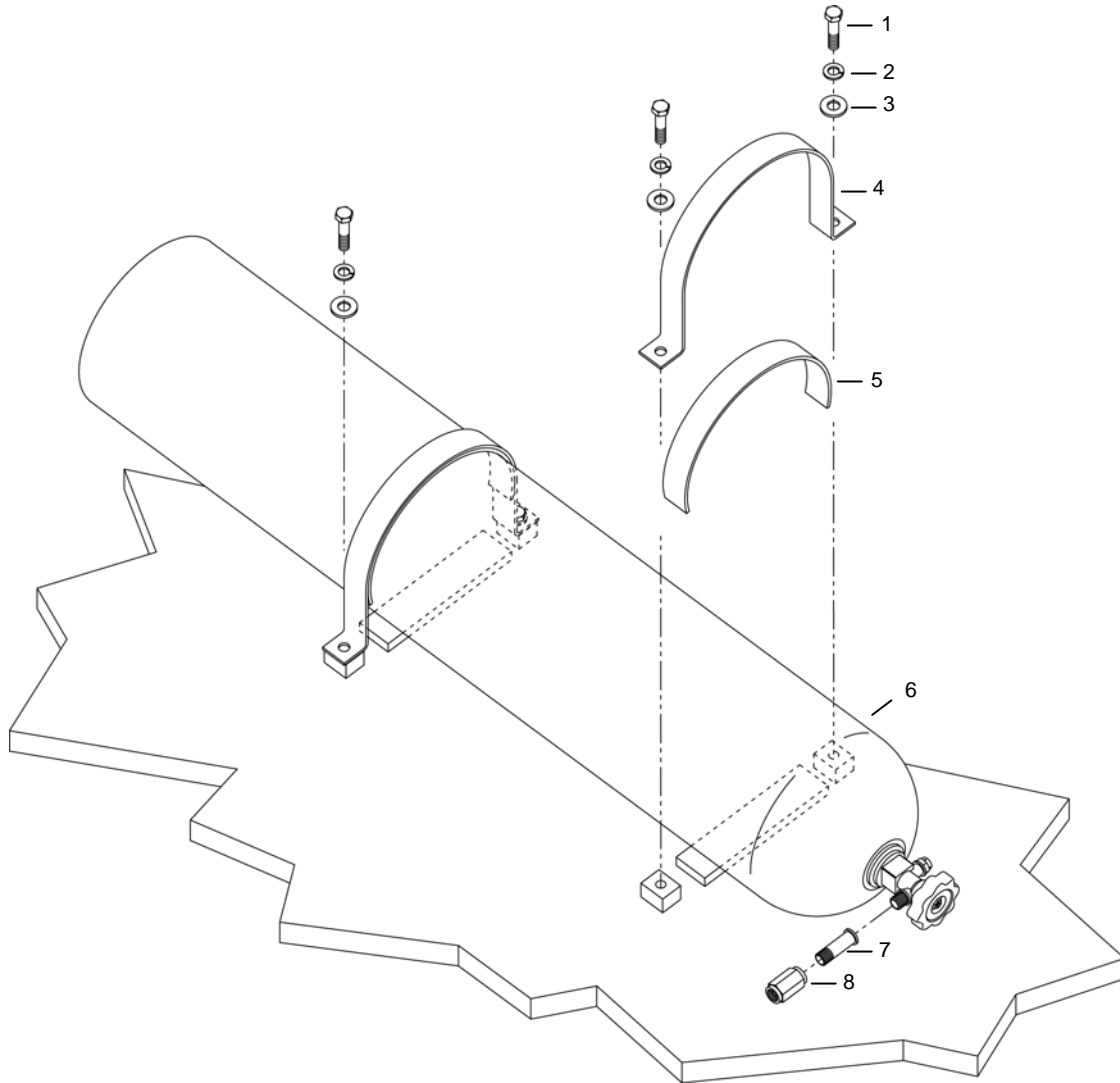


Figure 66. Air Receiver Tank R-1.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
PRESSURE SWITCH ASSEMBLY AND AIR RECEIVER TANK R-1  
REPAIR PARTS LIST**

**0040 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 66 AIR RECEIVER TANK R-1						
1	PAOZZ	5305-00-576-5417	80205	MS35307-360	SCREW, CAP, HEX .....	4
2	PAOZZ	5310-00-180-0277	96906	MS35333-76	WASHER, LOCK .....	4
3	PAOZZ	5310-00-773-7618	80205	MS15795-814	WASHER, FLAT .....	4
4	XBOZZ		0U5N7	33902286	CLAMP .....	2
5	PAOZZ		0U5N7	33905024	PAD, NEOPRENE .....	2
6	XBOZZ		59450	N265-CGA346	CYLINDER, AIR .....	1
7	XBOZZ		08772	347-3	NIPPLE, PIPE .....	1
8	PAOZZ	4730-01-138-6775	16166	14-2	NUT, TUBE COUPLING .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 3

0041 00

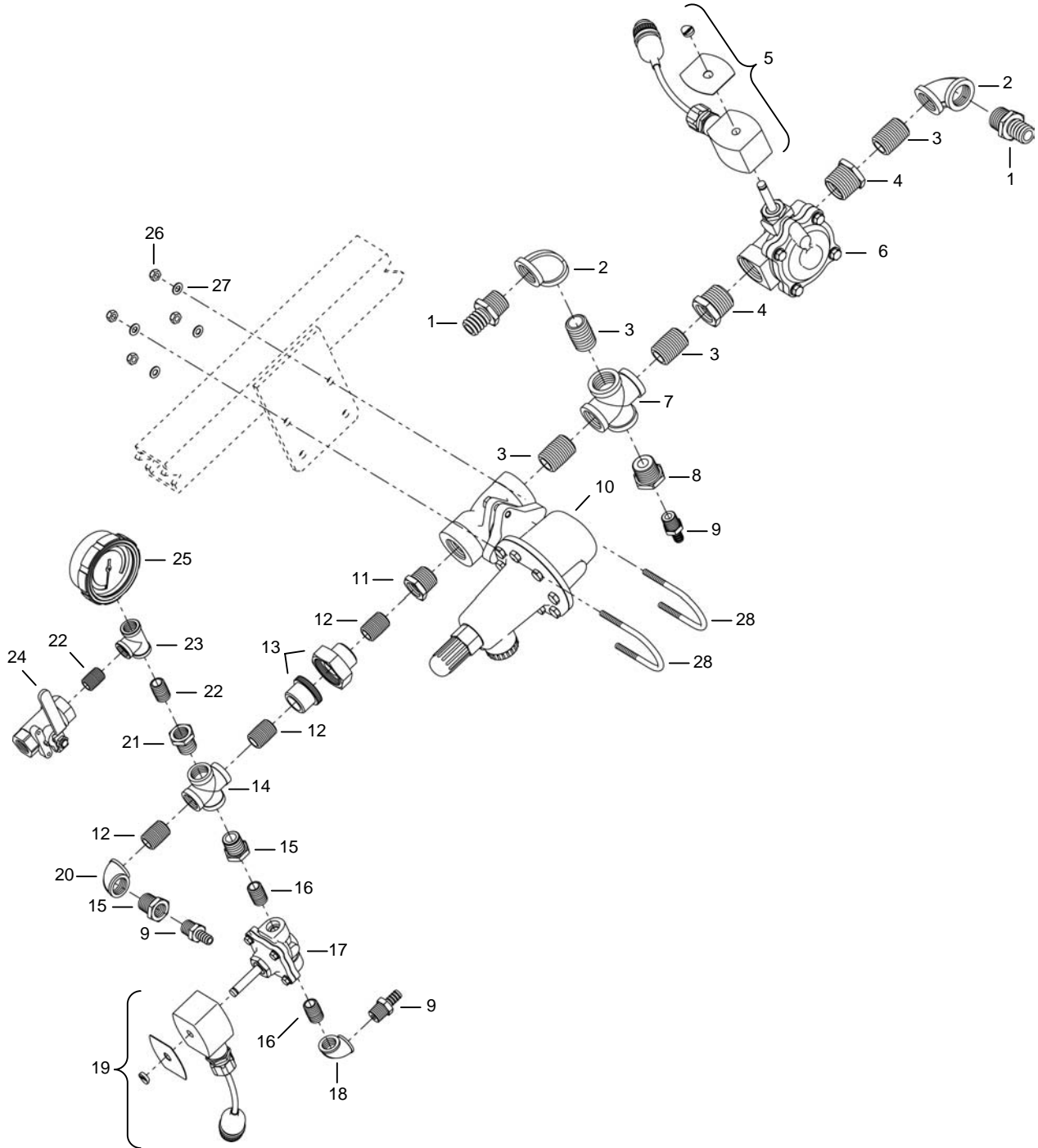


Figure 67. Air System Section 3.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 3  
REPAIR PARTS LIST**

**0041 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 67 AIR SYSTEM SECTION 3						
1	PAOZZ	4730-01-206-4814	72661	RST-5	ADAPTER, STRAIGHT .....	3
2	PAOZZ	4730-00-277-6599	5A784	1301007	ELBOW, PIPE .....	2
3	PAOZZ	4730-00-560-4846	97576	12SPNX1 3/8SS	NIPPLE, PIPE .....	4
4	PAOZZ	4730-00-128-0196	30780	1X3-4PTRSS	BUSHING, PIPE .....	2
5	PAOZZ	5945-01-526-1549	0U5N7	33903015-1	SOLENOID ASSEMBLY .....	1
6	PAOZZ	4810-01-526-1770	0U5N7	33902484-2	VALVE, SOLENOID (XV-901) .....	1
7	PAOZZ	4730-01-526-1831	39428	4452K485	CROSS, PIPE .....	1
8	PAOZZ	4730-00-529-2209	30780	3/4X3/8PTRSS	BUSHING, PIPE .....	1
9	PAOZZ	4730-01-162-7332	02570	SS-6HC-1-6	ADAPTER, STRAIGHT .....	2
10	PAOZZ	4820-01-526-1531	26819	627-1	VALVE, REGULATING (PRV-902) .....	1
11	PAOZZ	4730-00-071-1671	30780	3-4X1-2PTRSS	BUSHING, PIPE .....	1
12	PAOZZ	4730-00-560-4831	53772	NIPPLEPIPE316	NIPPLE, PIPE .....	3
13	PAOZZ	4730-01-475-5382	0MU02	PS-070108	UNION, PIPE .....	1
14	PAOZZ	4730-01-165-9214	02570	SS-8-CS	CROSS, PIPE .....	1
15	PAOZZ	4730-00-972-8770	30780	1-2X3-8PTRSS	BUSHING, PIPE .....	2
16	PAOZZ	4730-00-360-9166	18876	10293091	NIPPLE, PIPE .....	2
17	PAOZZ	4810-01-526-1772	0U5N7	33902483-2	VALVE, SOLENOID (XV-903) .....	1
18	PAOZZ	4730-01-186-8672	02570	SS-6-E	ELBOW, PIPE .....	1
19	PAOZZ	5945-01-526-1548	0U5N7	33903015-2	SOLENOID ASSEMBLY .....	1
20	PAOZZ	4730-01-526-1914	39428	4443K614	ELBOW, PIPE .....	1
21	PAOZZ	4730-01-526-1562	0U5N7	33905522	BUSHING, PIPE .....	1
22	PAOZZ	4730-01-526-1209	0EXU3	857-07820	NIPPLE, PIPE .....	2
23	PAOZZ	4730-01-526-1806	0U5N7	33905539	TEE, PIPE .....	1
24	PBOZZ	4820-01-526-1740	00ZP1	F220B	VALVE, BALL (V-915) .....	1
25	PAOZZ	6685-01-526-1852	0KMP4	1511164	GAUGE, PRESSURE (PI-903) .....	1
26	PAOZZ	5310-01-475-9244	39428	91831A127	NUT, SELF-LOCKING .....	4
27	PAOZZ	5310-00-773-7618	39428	98019A399	WASHER, FLAT .....	4
28	PAOZZ	5306-01-526-1464	39428	29605T6	HANGER, PIPE .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 4

0042 00

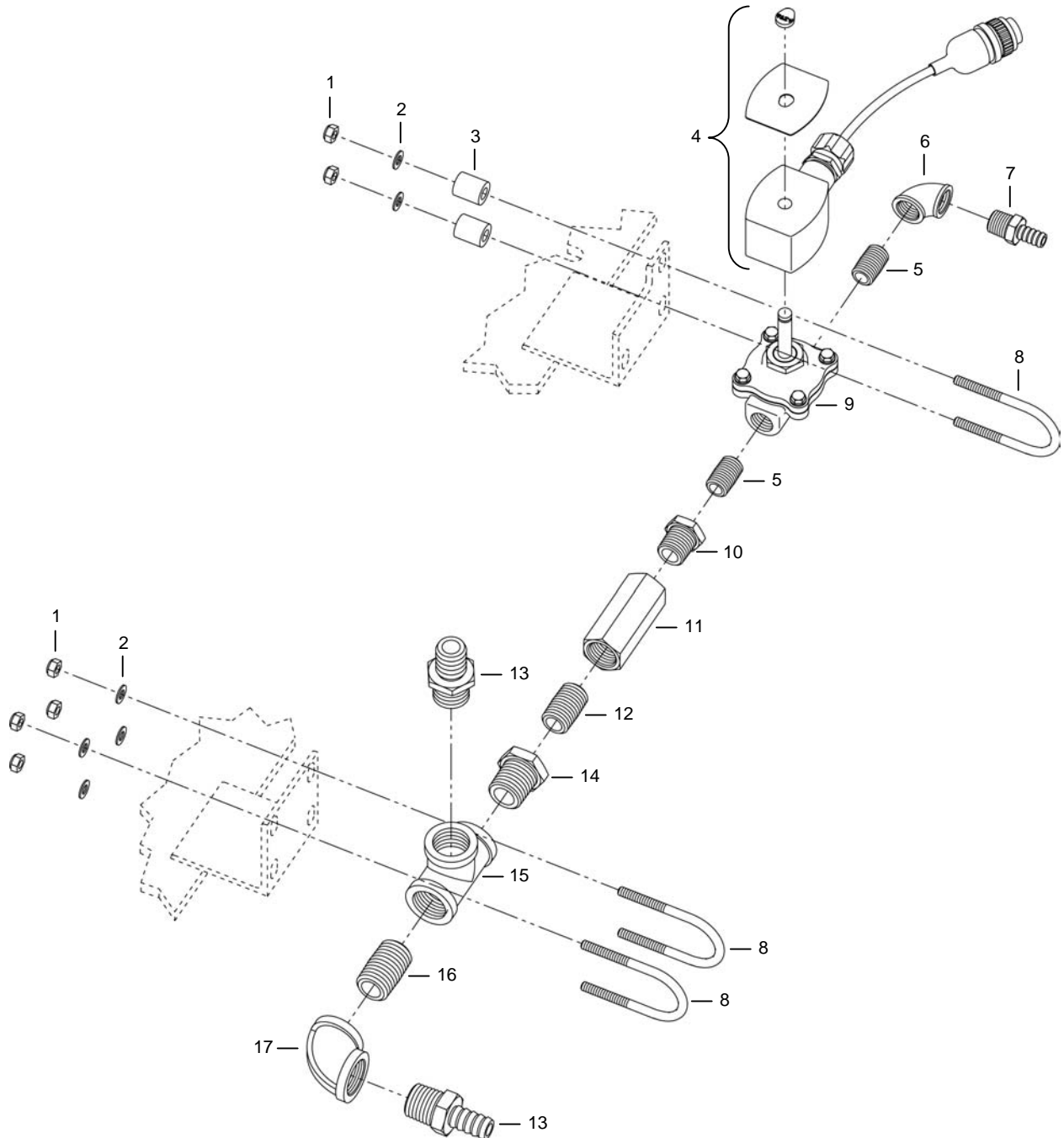


Figure 68. Air System Section 4.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 4  
REPAIR PARTS LIST**

**0042 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 68 AIR SYSTEM SECTION 4						
1	PAOZZ	5310-01-478-8691	0Y3H3	70861	NUT, SELF-LOCKING .....	6
2	PAOZZ	5310-00-625-5756	80205	MS15795-812	WASHER, FLAT .....	6
3	XDOZZ		0U5N7	33902454	SPACER .....	2
4	PAOZZ	5945-01-526-1548	0U5N7	33903015-2	SOLENOID ASSEMBLY .....	1
5	PAOZZ	4730-00-360-9166	18876	10293091	NIPPLE, PIPE .....	2
6	PAOZZ	4730-01-186-8672	02570	SS-6-E	ELBOW, PIPE .....	1
7	PAOZZ	4730-01-162-7332	02570	SS-6HC-1-6	ADAPTER, STRAIGHT .....	1
8	PAOZZ		39428	29605T5	U-BOLT .....	2
9	PAOZZ	4810-01-526-1772	0U5N7	33902483-2	VALVE, SOLENOID (XV-902) .....	1
10	PAOZZ	4730-00-972-8770	30780	3/8X1/2PTRSS	BUSHING, PIPE .....	1
11	PAOZZ	4820-01-235-7888	39428	4726K23	VALVE, CHECK (V-908) .....	1
12	PAOZZ	4730-00-560-4831	53772	NIPPLEPIPE316	NIPPLE, PIPE .....	1
13	PAOZZ	4730-01-206-4814	72661	RST-5	ADAPTER, STRAIGHT .....	2
14	PAOZZ	4730-00-071-1671	30780	3-4X1-2PTRSS	BUSHING, PIPE .....	1
15	PAOZZ	4730-01-184-0097	98660	PF31-12	TEE, PIPE .....	1
16	PAOZZ	4730-00-560-4846	97576	12SPNX1 3/8SS	NIPPLE, PIPE .....	1
17	PAOZZ	4730-00-277-6599	5A784	1301007	ELBOW, PIPE .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 6

0043 00

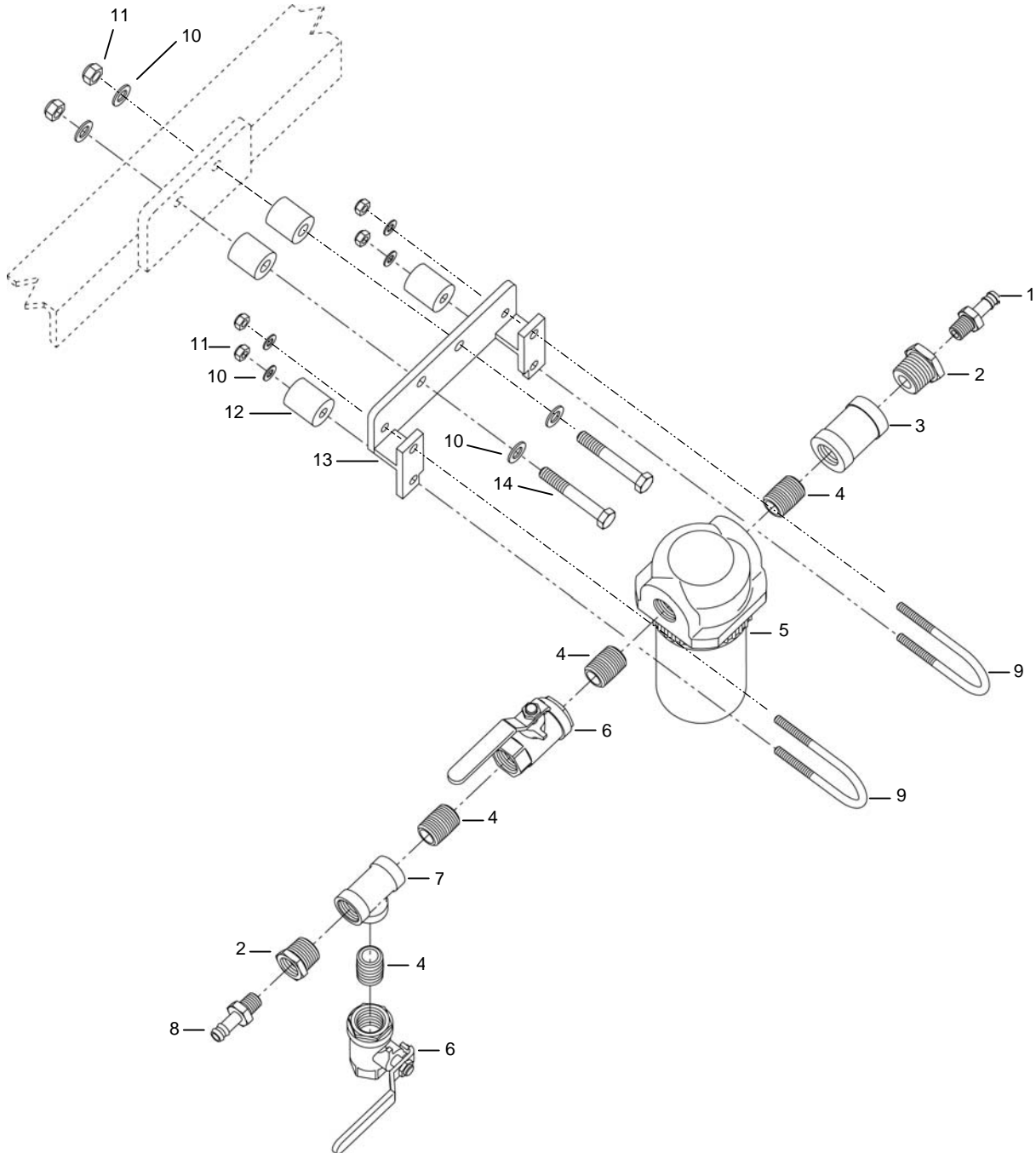


Figure 69. Air System Section 6.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR SYSTEM SECTION 6  
REPAIR PARTS LIST**

**0043 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 69 AIR SYSTEM SECTION 6						
1	PAOZZ	4730-01-162-7332	02570	SS-6HC-1-6	ADAPTER, STRAIGHT .....	1
2	PAOZZ		0U5N7	33905520	BUSHING, PIPE .....	2
3	PAOZZ	4730-01-275-9122	39428	4452K444	COUPLING, PIPE .....	1
4	PAOZZ	4730-00-560-4831	53772	NIPPLEPIPE316	NIPPLE, PIPE .....	4
5	PAOZZ	4730-01-526-2880	98963	WSA-04-FM0	COALESCER, MOISTURE (CO2) .....	1
6	PAOZZ	4820-01-408-7339	02570	SS-63TF8RT	VALVE, BALL (V-909, V-910) .....	2
7	PAOZZ	4730-01-346-4681	39428	4452K434	TEE, PIPE .....	1
8	PAOZZ	4730-01-316-9220	58755	3175-60-18	ADAPTER, STRAIGHT .....	1
9	PAOZZ		39428	29605T3	U-BOLT .....	2
10	PAOZZ	5310-00-625-5756	80205	MS15795-812	WASHER, FLAT .....	8
11	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	NUT, SELF-LOCKING .....	6
12	XBOZZ		0U5N7	33902454	SPACER .....	4
13	XBOZZ		0U5N7	33901156	BRACKET, MOUNTING .....	1
14	PAOZZ	5306-00-816-5272	96906	MS35307-340	BOLT, MACHINE .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
FEED FLOW CONTROL PANEL ASSEMBLY

0044 00

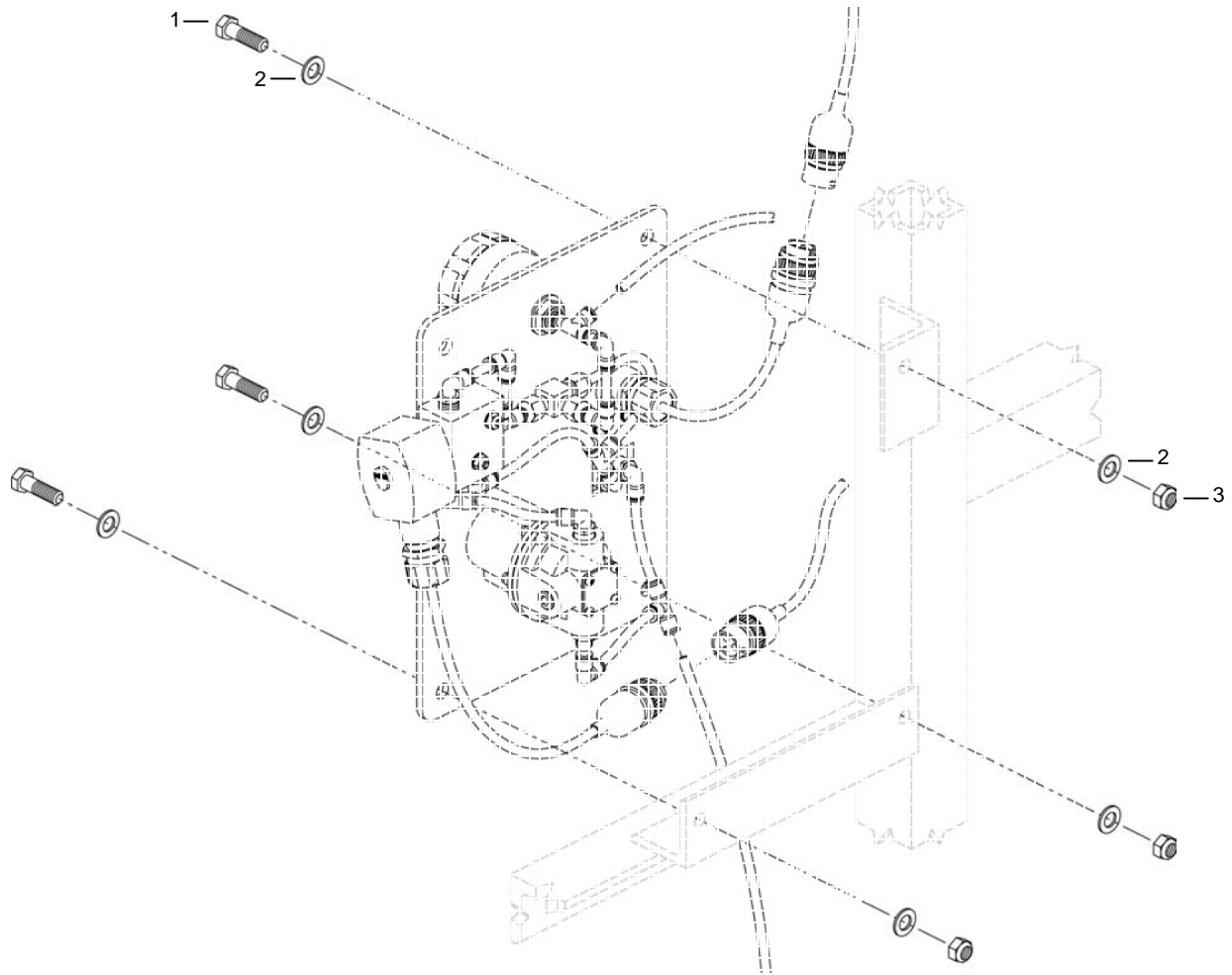


Figure 70. Feed Flow Control Panel Assembly (Sheet 1 of 2).

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
FEED FLOW CONTROL PANEL ASSEMBLY

0044 00

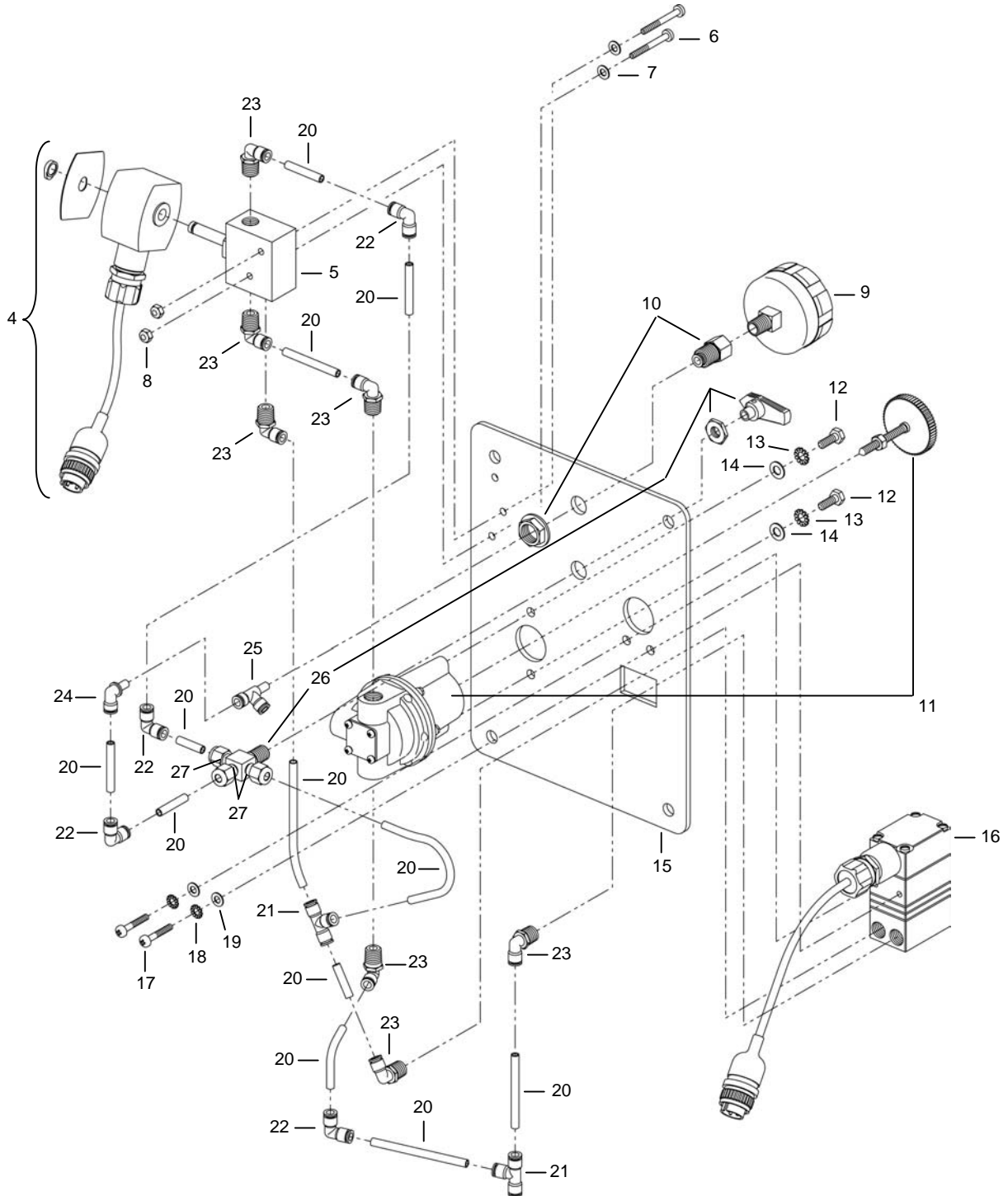


Figure 70. Feed Flow Control Panel Assembly (Sheet 2 of 2).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
FEED FLOW CONTROL PANEL ASSEMBLY  
REPAIR PARTS LIST**

**0044 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 70 FEED FLOW CONTROL PANEL ASSEMBLY						
1	PAOZZ	5305-00-207-8253	80205	NASM35307	SCREW, CAP, HEX .....	3
2	PAOZZ	5310-00-625-5756	80205	MS15795-812	WASHER, FLAT .....	6
3	PAOZZ	5310-00-067-4903	96906	MS51922-22	NUT, SELF-LOCKING .....	3
4	PBOZZ	5945-01-526-1096	0U5N7	33903015-4	SOLENOID ASSEMBLY .....	1
5	PBOZZ	4810-01-526-1080	0U5N7	33902507-2	VALVE, SOLENOID (XV-912) .....	1
6	PAOZZ	5305-00-059-8601	96906	MS35217-63	. SCREW, MACHINE .....	2
7	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	2
8	PAOZZ	5310-00-208-9255	80205	MS21044C3	. NUT, SELF-LOCKING .....	2
9	PAOZZ		OKMP4	1532031	GAUGE, PRESSURE (PI-904) .....	1
10	PAOZZ	4730-01-526-1118	58755	3036-56-14	CONNECTOR, BULKHEAD .....	1
11	PAOZZ	4820-01-308-9510	07282	10202	VALVE, REGULATING (PRV-904) .....	1
12	PAOZZ	5305-00-059-8504	96906	MS35216-71	. SCREW, MACHINE .....	2
13	PAOZZ	5310-00-527-3634	96906	MS35335-61	. WASHER, LOCK .....	2
14	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	2
15	XBOZZ		0U5N7	33902303	PANEL .....	1
16	PBOZZ	6685-01-526-4647	0U5N7	33903019	TRANSDUCER ASSY (FY-102) .....	1
17	PAOZZ	5305-00-059-8594	70318	8706-2	. SCREW, MACHINE .....	2
18	PAOZZ	5310-00-209-1239	96906	MS35335-60	. WASHER, LOCK .....	2
19	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	2
20	MOOZZ		093B4	1B-204-01	TUBING, NONMETALLIC .....	12
						(CUT TO LENGTH AS NEEDED)
21	PAOZZ	4730-01-111-1752	58755	3104-56-00	TEE, TUBE .....	2
22	PAOZZ	4730-01-261-3979	58755	3102-56-00	ELBOW, TUBE .....	4
23	PAOZZ	4730-01-115-0863	58755	3109-56-14	SWIVEL JOINT, PIPE .....	7
24	PAOZZ	4730-01-526-4629	58755	3182-56-00	ELBOW, PLUG-IN .....	1
25	PAOZZ		58755	3183-56-00	TEE, TUBE .....	1
26	PAOZZ	4820-01-006-3623	02570	B42XS4	VALVE, PLUG (V-914) .....	1
27	PAOZZ	4730-01-526-1856	58755	U060L4A	FERRULE, COMPRESSION .....	3
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM HOSES AND TUBING

0045 00

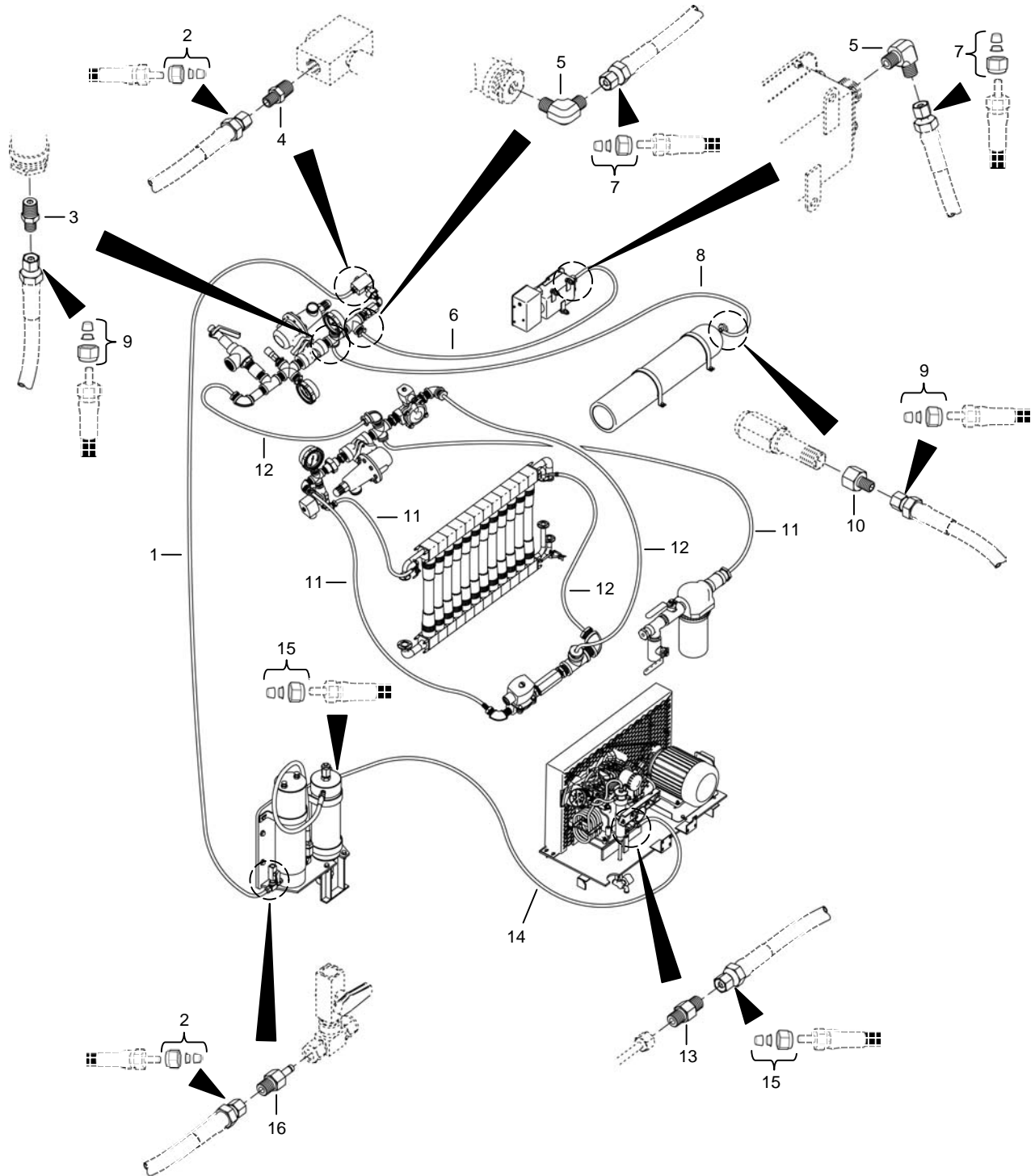


Figure 71. Air System Hoses.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

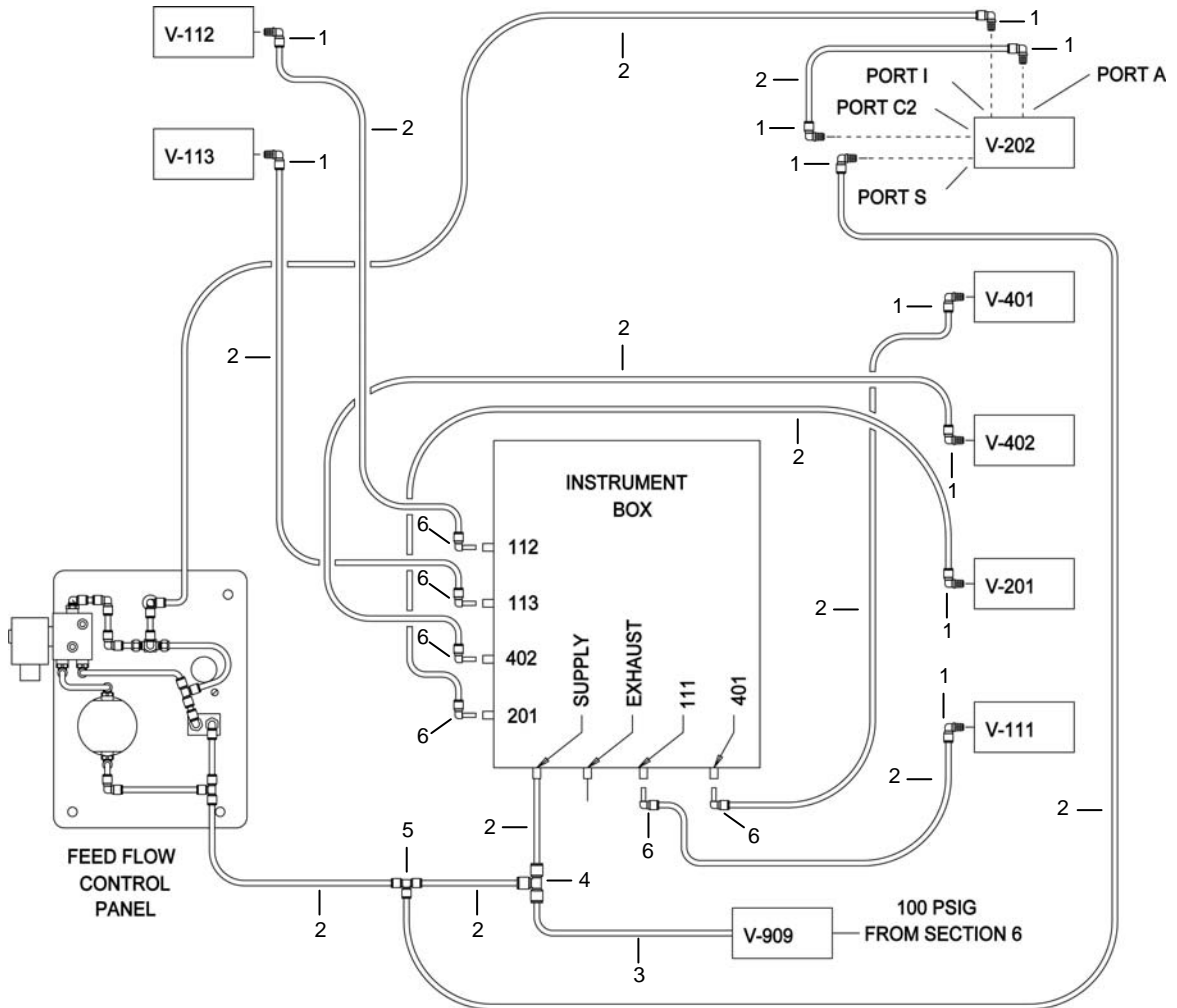
**GROUP 06 AIR SYSTEM  
AIR SYSTEM HOSES AND TUBING  
REPAIR PARTS LIST**

**0045 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 71 AIR SYSTEM HOSES						
1	PBOZZ	4730-01-526-2841	1EYE3	SS-7R4TA4TA4-113	HOSE ASSEMBLY, NONMETALLIC.....	1
2	PAOZZ	4730-01-526-5205	02570	SS-400-NFSET	. NUT-FERRULE SET .....	2
3	PAOZZ	4730-00-088-4554	02570	SS-600-7-4	ADAPTER, STRAIGHT.....	1
4	PAOZZ	4730-00-239-0189	02570	SS-400-1-4	ADAPTER, STRAIGHT.....	1
5	PAOZZ	4730-00-490-6257	02570	SS-400-2-4	ELBOW, PIPE TO TUBE.....	2
6	PBOZZ	4730-01-526-2824	1EYE3	SS-7R4TA4TA4-18	HOSE ASSEMBLY, NONMETALLIC.....	1
7	PAOZZ	4730-01-526-5205	02570	SS-400-NFSET	. NUT-FERRULE SET .....	2
8	PBOZZ	4730-01-526-2836	1EYE3	SS-7R6TA6TA6-84	HOSE ASSEMBLY, NONMETALLIC.....	1
9	PAOZZ	5340-01-526-0738	02570	SS-600-NFSET	. NUT-FERRULE SET .....	2
10	PAOZZ	4730-00-691-5460	02570	SS-600-1-6	ADAPTER, STRAIGHT.....	1
11	MOOZZ		02570	PB-6	HOSE, NONMETALLIC .....	3
					(CUT TO LENGTH FROM BULK)	
12	MOOZZ		02570	PB-12	HOSE, NONMETALLIC .....	3
					(CUT TO LENGTH FROM BULK)	
13	PAOZZ	4730-01-526-2888	02570	SS-8M0-6-4	UNION, PIPE .....	1
14	PBOZZ	4730-01-526-2831	1EYE3	SS-7R4TA4TA4-60	HOSE ASSEMBLY, NONMETALLIC.....	1
15	PAOZZ	4730-01-526-5205	02570	SS-400-NFSET	. NUT-FERRULE SET .....	2
16	PAOZZ	4730-00-793-2765	02570	SS-400-R-6	REDUCER, TUBE.....	1
END OF FIGURE						

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 06 AIR SYSTEM  
AIR SYSTEM HOSES AND TUBING**

**0045 00**



FROM	TO	LENGTH
Tee – Item 5	Feed Flow Control Panel (Tee Bottom Corner)	114-in.
Feed Flow Control Panel (Top Center) (3-15 psig air)	Valve 202 (Port I)	186-in.
Instrument Panel – Port 401	Valve 401	55-in.
Instrument Panel – Port 201	Valve 201	96-in.
Instrument Panel – Port 402	Valve 402	89-in.
Instrument Panel – Port 111	Valve 111	150-in.
Instrument Panel – Port 112	Valve 112	246-in.
Instrument Panel – Port 113	Valve 113	294-in.
Tee – Item 5 (100 psig air)	Valve 202 Positioner (Port S)	240-in.
Valve 202 Positioner (Port C2)	Valve 202 (Port A)	12-in.
Valve 909	Tee – Item 4	22-in.
Tee – Item 4	Instrument Panel Supply	3-in.
Tee – Item 5	Tee – Item 4	88-in.

**Figure 72. Air System Tubing.**

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 06 AIR SYSTEM  
AIR SYSTEM HOSES AND TUBING  
REPAIR PARTS LIST**

**0045 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 06 AIR SYSTEM FIGURE 72 AIR SYSTEM TUBING						
1	PAOZZ	4730-01-115-0863	58755	3109-56-14	SWIVEL JOINT, TUBE .....	10
2	MOOZZ		093B4	1B-204-01	TUBING, NONMETALLIC .....	12
						(CUT TO LENGTH FROM BULK)
3	MOOZZ		093B4	1A-206-01	TUBING, NONMETALLIC .....	1
						(CUT TO LENGTH FROM BULK)
4	PBOZZ	4730-01-526-2891	58755	3104-60-56	TEE, TUBE .....	1
5	PBOZZ	4730-01-111-1752	58755	3104-56-00	TEE, TUBE .....	1
6	PAOZZ	4730-01-526-4629	58755	3182-56-00	ELBOW, PLUG-IN .....	6
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
OPERATION CONTROL AND POWER DISTRIBUTION SYSTEM

0046 00

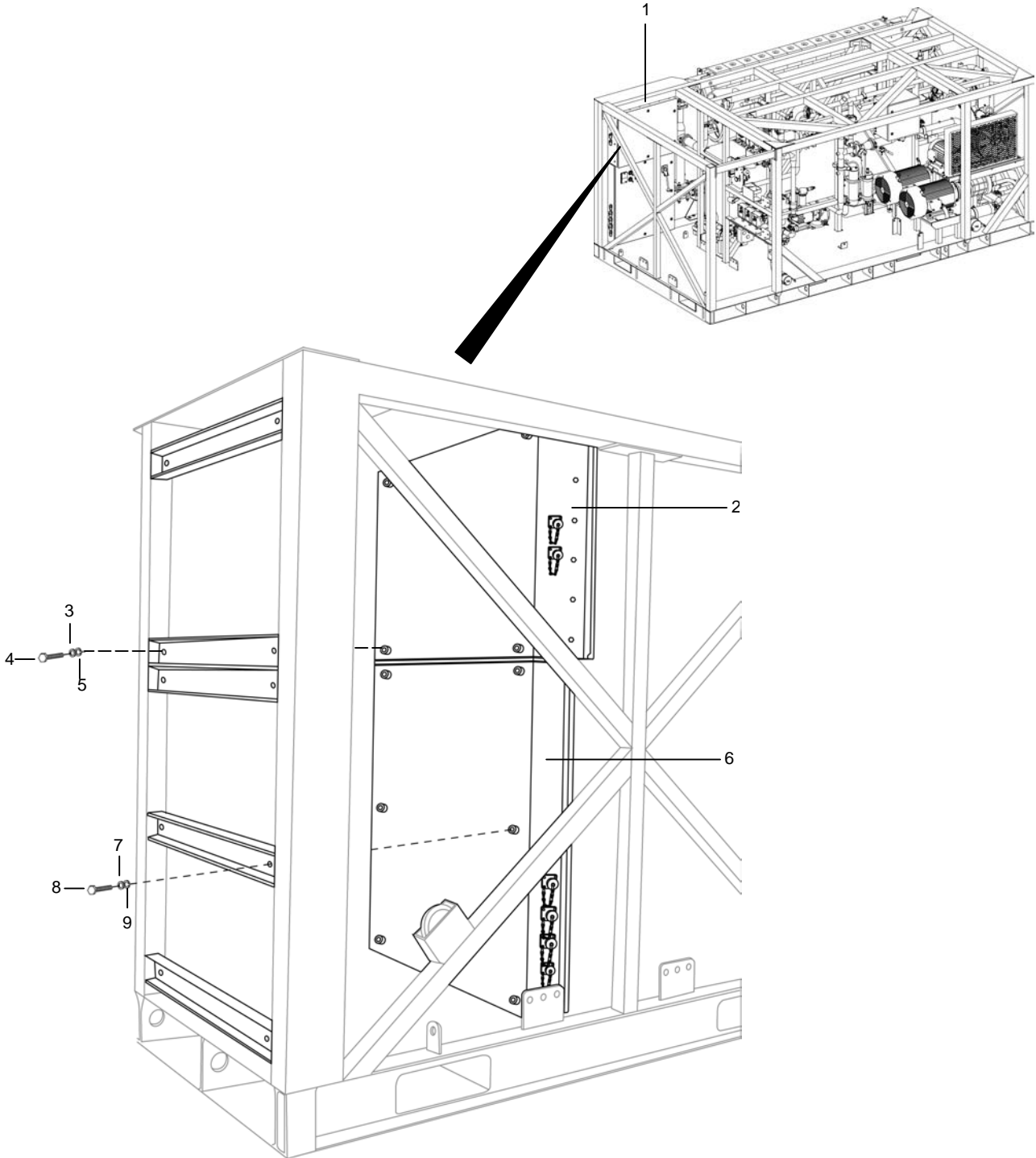


Figure 73. Operation Control and Power Distribution System (Sheet 1 of 2).

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
OPERATION CONTROL AND POWER DISTRIBUTION SYSTEM

0046 00

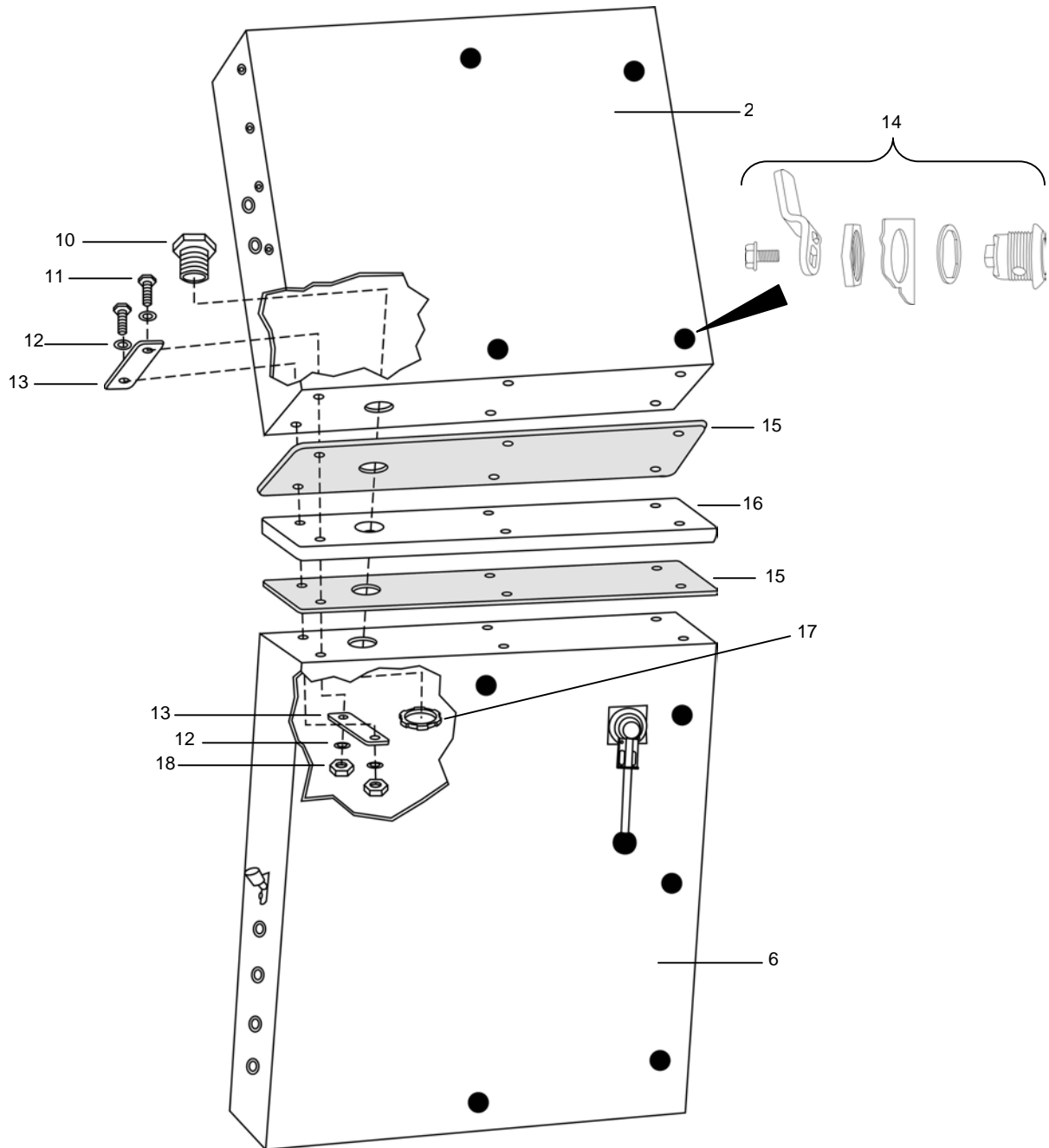


Figure 73. Operation Control and Power Distribution System (Sheet 2 of 2).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATION CONTROL AND POWER DISTRIBUTION SYSTEM  
REPAIR PARTS LIST**

**0046 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 73 OPERATION CONTROL AND POWER DISTRIBUTION SYSTEM						
1	XCOZZ		0U5N7	33901072	ELECTRICAL SUBSYSTEM.....	1
2	XBOOO		0U5N7	33901067	. OPERATION CONTROL SYSTEM .....	1
3	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	4
4	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, MACHINE .....	4
5	PAOZZ	5310-00-984-7042	80205	MS35338-141	. . WASHER, LOCK .....	4
6	XBOOO		0U5N7	33901073	. POWER DISTRIBUTION SYSTEM .....	1
7	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	6
8	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, MACHINE .....	6
9	PAOZZ	5310-00-984-7042	80205	MS35338-141	. . WASHER, LOCK .....	6
10	PAOZZ	5975-00-548-8909	56501	1948	. FITTING, CHASE NIPPLE .....	1
11	PAOZZ	5305-00-021-3740	80205	MS35307-364	. SCREW, MACHINE .....	6
12	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	12
13	PAOZZ		0U5N7	33902408	. PLATE, REINFORCEMENT .....	6
14	PAOZZ		3TDG3	R002-0100	. LATCH ASSEMBLY .....	9
15	PAOZZ		0U5N7	33902319	. GASKET, SPACER .....	2
16	XBOOO		0U5N7	33902318	. SPACER, ENCLOSURE .....	1
17	PAOZZ	5975-01-026-2405	56501	147	. LOCKNUT .....	1
18	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF LOCKING .....	6
END OF FIGURE						



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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
OPERATION CONTROL SYSTEM

0047 00

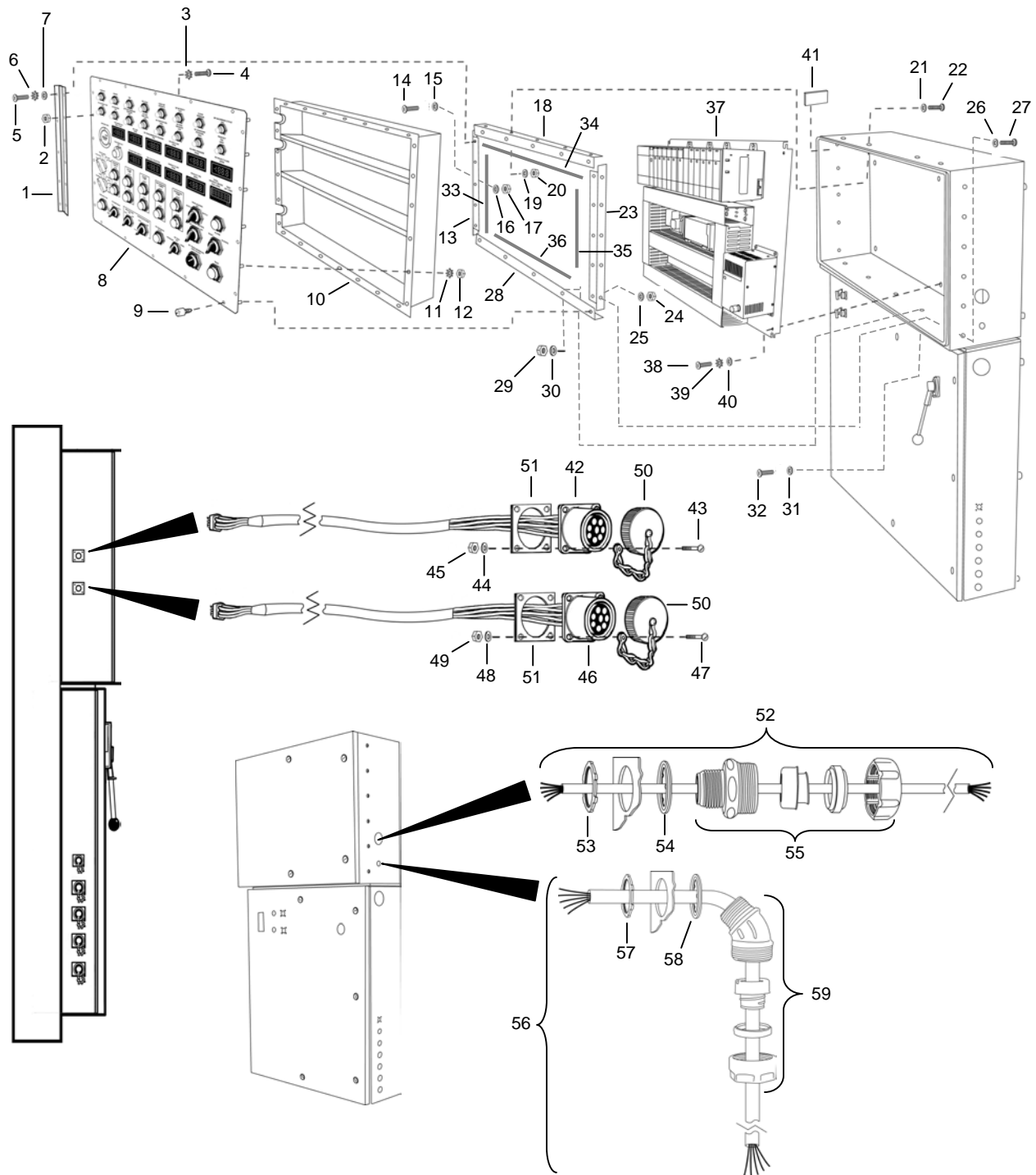


Figure 74. Operation Control System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATION CONTROL SYSTEM  
REPAIR PARTS LIST**

**0047 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 74 OPERATION CONTROL SYSTEM						
1	PAOZZ		0U5N7	33902267	HINGE, PANEL .....	1
2	PAOZZ	5310-00-9291807	81349	M45913/1-4CS3	. NUT, SELF LOCK .....	6
3	PAOZZ	5310-00-543-2740	96906	MS35333-74	. WASHER, LOCK .....	6
4	PAOZZ	5305-01-526-2934	0PDR0	91771A535	. SCREW, MACHINE .....	6
5	PAOZZ	5305-00-719-3997	96906	MS35307-303	. SCREW, CAP .....	5
6	PAOZZ	5310-00-527-3634	96906	MS35335-61	. WASHER, LOCK .....	5
7	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	5
8	XBOOO		0U5N7	33901068	TOP PANEL ASSY .....	1
9	PAOZZ	5305-01-497-7833	39428	91035A610	. THUMB SCREW .....	14
10	PAOZZ		0U5N7	33901070	PANEL & SHIELD ASSY .....	1
11	PAOZZ	5310-00-543-2739	96906	MS35333-72	. WASHER, LOCK .....	26
12	PAOZZ	5310-01-479-0778	0Y3H3	70856	. NUT, SELF LOCKING .....	26
13	PAOZZ		0U5N7	33901078	LEFT BRACKET ASSY .....	1
14	PAOZZ	5305-00-082-6721	80205	MS51957-81	. SCREW, MACHINE .....	6
15	PAOZZ	5310-01-432-5626	39428	94709A214	. WASHER, SEALING.....	6
16	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	6
17	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	6
18	PAOZZ		0U5N7	33901076	TOP BRACKET ASSY .....	1
19	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	6
20	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	6
21	PAOZZ	5310-01-432-5626	39428	94709A214	. WASHER, SEALING.....	6
22	PAOZZ	6305-00-702-4523	80205	MS35307-306	. SCREW, CAP HEX HD .....	6
23	PAOZZ		0U5N7	33901079	RIGHT BRACKET ASSY .....	1
24	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	6
25	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	6
26	PAOZZ	5310-01-432-5626	39428	94709A214	. WASHER, SEALING.....	6
27	PAOZZ	5305-00-082-6721	80205	MS51957-81	. SCREW, MACHINE .....	6
28	PAOZZ		0U5N7	33901077	BOTTOM BRACKET ASSY .....	1
29	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF LOCKING .....	6
30	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	6
31	PAOZZ	5310-01-432-5626	39428	94709A214	. WASHER, SEALING.....	6
32	PAOZZ	5305-00-702-4523	80205	MS35307-306	. SCREW, CAP HEX HD .....	6
33	PAOZZ		0U5N7	33902350	GASKET, PANEL, LEFT .....	1
34	PAOZZ		0U5N7	33902349	GASKET, PANEL, TOP .....	1
35	PAOZZ		0U5N7	33902352	GASKET, PANEL, RIGHT .....	1
36	PAOZZ		0U5N7	33902351	GASKET, PANEL BOTTOM .....	1
37	XBOOO		0U5N7	33901069	SUB-PANEL ASSY .....	1
38	PAOZZ	5305-00-478-0273	96906	MS35307-355	. SCREW, HEX HEAD .....	4
39	PAOZZ	5310-00-209-0790	96906	MS35335-63	. WASHER, LOCK .....	4
40	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	7
41	PAOZZ	4440-01-475-9949	08TA7	VC2-1	VAPOR CAPSULE .....	2
42	PAOZZ	6150-01-526-1868	0U5N7	33903009	CABLE ASSEMBLY .....	1
43	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
44	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
45	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATION CONTROL SYSTEM  
REPAIR PARTS LIST**

**0047 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 74 OPERATION CONTROL SYSTEM						
46	PAOZZ	6150-01-526-1869	0U5N7	33903010	CABLE ASSEMBLY .....	1
47	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
48	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
49	PAOZZ		0Y3H3	70854	. NUT, SELF LOCKING .....	6
50	PAOZZ	5935-01-117-6376	96906	MS3181-12C	DUST CAP .....	2
51	PAOZZ	5999-00-033-5512	77820	10-40450-12	GASKET, PLAIN .....	2
52	XBOZZ		0U5N7	33903025	CONDUIT HARNESS, ISP .....	1
53	XB0ZZ		56501	145	. LOCKNUT .....	1
54	XBOZZ		56501	5266	. SEALING RING .....	1
55	PAOZZ	5975-00-958-5140	56501	5336	. BOX CONNECTOR, ELECTRICAL .....	1
56	XBOZZ		0U5N7	33903026	CONDUIT HARNESS, CHEMICAL PUMPS .....	1
57	PAOZZ	5975-00-152-1075	56501	141	. LOCKNUT, ELECTRICAL .....	1
58	PAOZZ	5331-00-588-0892	56501	5262	. O-RING .....	1
59	PAOZZ	5975-00-983-9229	56501	5332	. BOX CONNECTOR, ELECTRICAL .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL TOP PANEL ASSEMBLY

0048 00

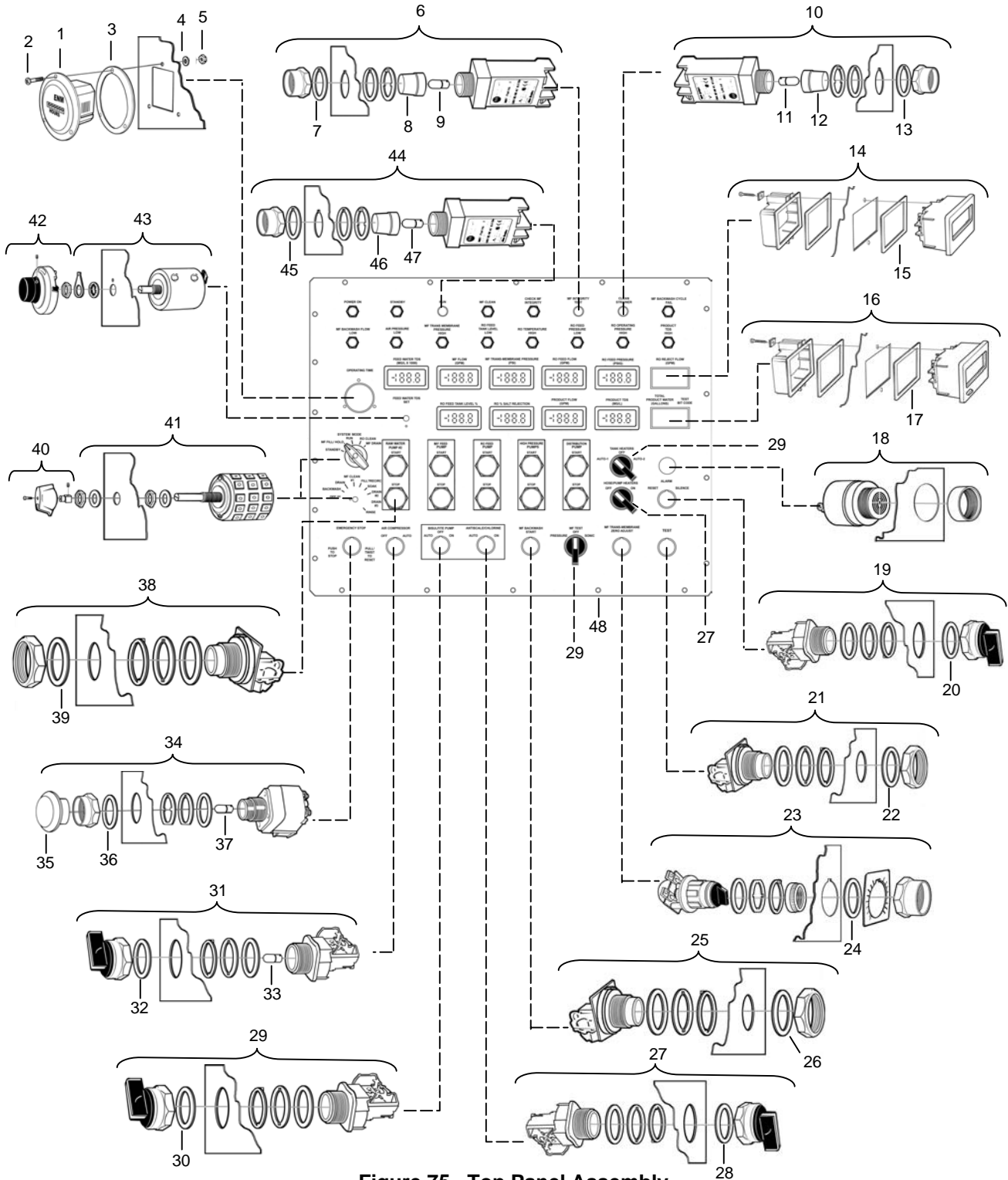


Figure 75. Top Panel Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL TOP PANEL ASSEMBLY  
REPAIR PARTS LIST**

**0048 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
<b>GROUP 07 ELECTRICAL SYSTEM FIGURE 75 TOP PANEL ASSEMBLY</b>						
1	PAOZZ	6645-01-490-5671	33203	T50B2	METER, HOUR .....	1
2	PAOZZ	5305-00-054-6652	96906	MS51957-28	. SCREW, MACHINE .....	3
3	PAOZZ	5999-01-526-1457	0U5N7	33902310	. GASKET, EMI .....	1
4	PAOZZ	5310-00-616-3555	96906	MS35333-71	. WASHER, LOCK .....	3
5	PAOZZ	5310-00-274-8887	96906	MS20365-C632A	. NUT, SELF-LOCKING .....	3
6	PAOZZ	6220-01-526-1469	01121	800T-PSH16A	LIGHT, INDICATOR, AMBER .....	3
7	PAOZZ	5999-01-526-1456	0U5N7	33902309	. GASKET, EMI .....	1
8	PAOZZ	6210-01-170-4548	01121	800T-N122A	. COVER, LAMP, AMBER .....	1
9	PAOZZ		01121	880T-N355A	. LAMP, LED, AMBER .....	1
10	PAOZZ	6220-01-526-1467	01121	800T-PSH16R	LIGHT, INDICATOR, RED .....	11
11	PAOZZ	6220-01-526-9717	01121	800T-N355R	. LAMP, LED, RED .....	1
12	PAOZZ	6220-01-526-9733	01121	800T-N122R	. COVER, LAMP, RED .....	1
13	PAOZZ	5999-01-526-1456	0U5N7	33902309	. GASKET, EMI .....	1
14	PAOZZ	5980-01-526-1452	59658	CUB4CL20	DISPLAY, DIGITAL .....	10
15	PAOZZ	5999-01-526-1459	0U5N7	33902316	. GASKET, EMI .....	1
16	PAOZZ	5980-01-526-1450	59658	CUB4L020	DISPLAY, COUNTER .....	1
17	PAOZZ	5999-01-526-1459	0U5N7	33902316	. GASKET, EMI .....	1
18	PAOZZ	6350-01-489-0357	37942	SC110M	HORN, ALARM .....	1
19	PAOZZ	5930-01-526-1809	01121	800T-J20A	SWITCH, ROTARY .....	1
20	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
21	PAOZZ	5930-01-526-1787	51917	9001KR3EH5	PUSH BUTTON .....	1
22	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
23	PAOZZ	5905-01-526-2885	51917	9001K2105	POTENTIOMETER .....	1
24	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
25	PAOZZ	5930-01-526-1780	01121	800T-PBH16GD1	PUSH BUTTON .....	6
26	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
27	PAOZZ	5930-01-348-5821	01121	800T-H17D1	SWITCH, ROTARY .....	2
28	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
29	PAOZZ	5930-01-526-1809	01121	800T-J17A	SWITCH, ROTARY .....	3
30	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
31	PAOZZ	5930-01-526-1833	01121	800T-16HRH17KB6DX	SWITCH, ROTARY .....	1
32	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
33	PAOZZ	6650-01-526-9735	01121	800T-N60R	. LAMP, LED, RED .....	1
34	PAOZZ	5930-01-526-1790	01121	800T-FXTPH16RA1	PUSH BUTTON .....	1
35	PAOZZ	6650-01-526-9735	01121	800T-N304R	. COVER, LAMP .....	1
36	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
37	PAOZZ	6220-01-526-9719	01121	800T-N75R	. LAMP, LED, RED .....	1
38	PAOZZ	5930-01-526-1775	01121	800TPBH16RD2	PUSH BUTTON .....	5
39	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
40	PAOZZ	5355-01-378-6213	63426	AT432	KNOB, SWITCH .....	2
41	PAOZZ	5930-01-387-6553	63426	TS-3N	SWITCH, ROTARY .....	2
42	PAOZZ	5355-01-492-2044	57921	H-46-6A	DIAL, COUNTING .....	1
43	PAOZZ	5905-00-492-5336	80294	3400S-1-102	POTENTIOMETER .....	1

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL TOP PANEL ASSEMBLY  
REPAIR PARTS LIST**

**0048 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 07 ELECTRICAL SYSTEM FIGURE 75 TOP PANEL ASSEMBLY	
44	PAOZZ	6220-01-526-1466	01121	800T-PSH16G	LIGHT, INDICATOR, GREEN .....	2
45	PAOZZ	5999-01-526-1456	0U5N7	33902309	. GASKET, EMI .....	1
46	PAOZZ		01121	800T-N122G	. COVER, LAMP, GREEN .....	1
47	PAOZZ		01121	800T-N355G	. LAMP, LED, GREEN .....	1
48	PAOZZ		0U5N7	33901075	PANEL, TOP.....	1
					END OF FIGURE	



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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL SUB PANEL ASSEMBLY

0049 00

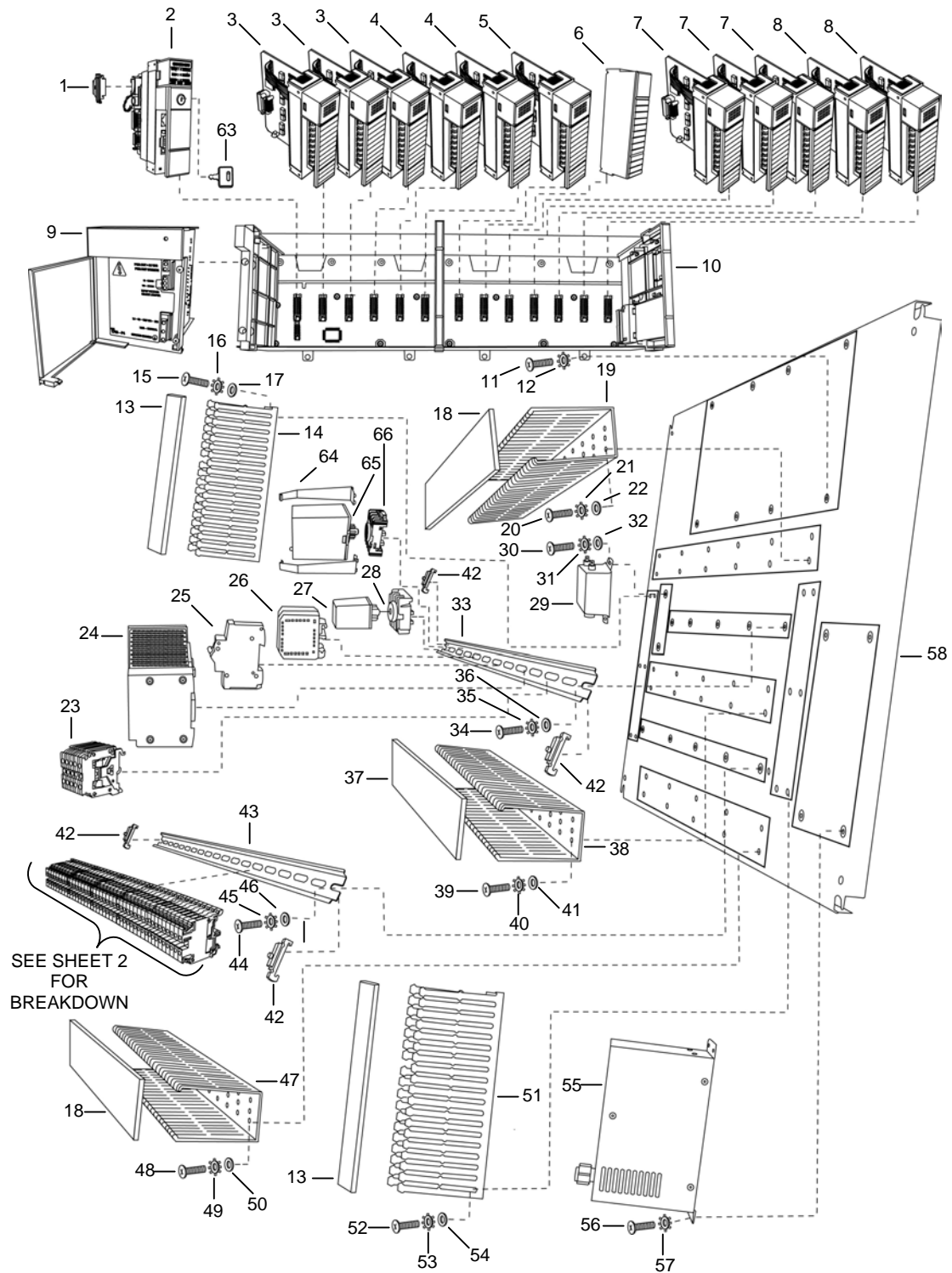


Figure 76. Sub Panel Assembly (Sheet 1 of 2).

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL SUB PANEL ASSEMBLY

0049 00

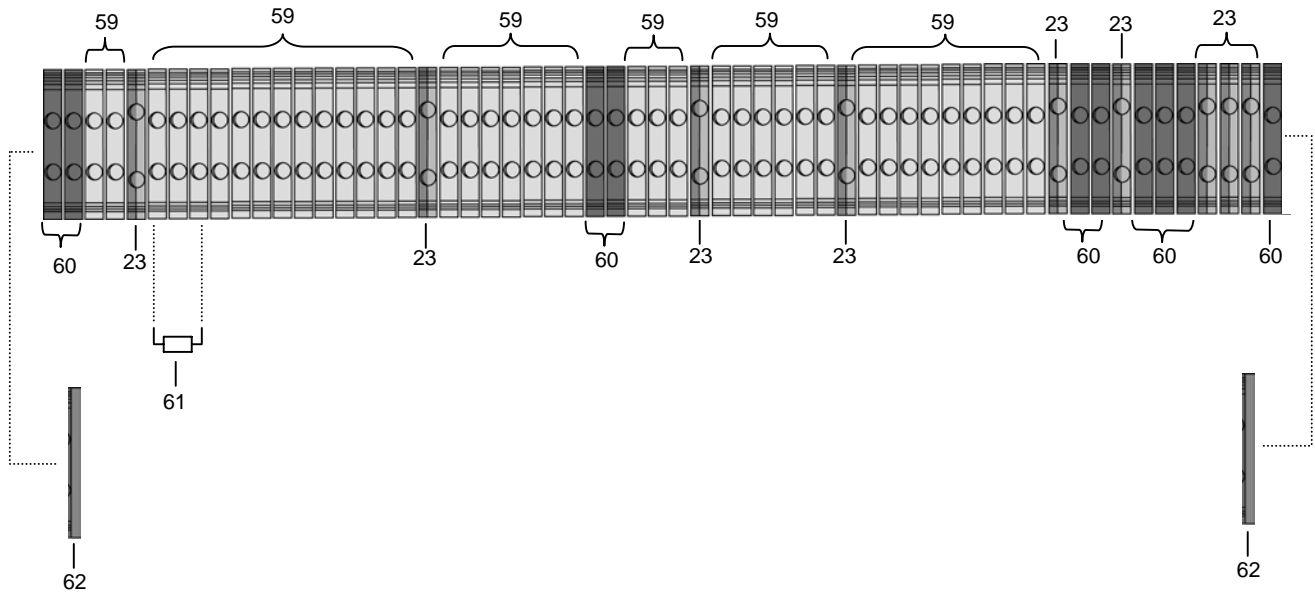


Figure 76. Sub Panel Assembly (Sheet 2 of 2).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL SUB PANEL ASSEMBLY  
REPAIR PARTS LIST**

**0049 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 76 SUB PANEL ASSEMBLY						
1	PAOZZ	5998-01-436-2770	0U5N7	33906001	MEMORY MODULE ..... (PREPROGRAMMED)	1
2	PAOZZ	7021-01-436-0929	01121	1747-L532	PROCESSOR, SLC 5/03 .....	1
3	PAOZZ	5998-01-436-9925	01121	1746-IA16	INPUT MODULE, AC .....	3
4	PAOZZ	6695-01-410-8233	01121	1746-OW16	OUTPUT MODULE 16 PT .....	2
5	PAOZZ	5998-01-460-4777	30003	1988A51201-4	OUTPUT MODULE, TRIAC .....	1
6	PAOZZ	7035-01-460-2261	01121	1746-N2	FILLER, CARD SLOT .....	1
7	PAOZZ	5998-01-515-9789	01121	1746-NO41	OUTPUT MODULE 4 PT .....	3
8	PAOZZ		01121	1746-NI8	INPUT MODULE, 8 PT .....	2
9	PAOZZ	1630-01-486-3225	01121	1746-P4	POWER SUPPLY .....	1
10	XCOZZ		01121	1746-13	CHASSIS, 13 SLOT .....	1
11	PAOZZ	5305-00-054-6670	96906	MS51957-45	. SCREW, MACHINE .....	8
12	PAOZZ	5310-00-543-2739	9606	MS35333-72	. WASHER, LOCK .....	8
13	XBOZZ		0U5N7	33902336-3	WIRE DUCT LID .....	2
14	XBOZZ		0U5N7	33902335	WIRE DUCT TYP E IV .....	1
15	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	6
16	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	6
17	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	6
18	XBOZZ		0U5N7	33902336-1	WIRE DUCT LID .....	2
19	XBOZZ		0U5N7	33902332	WIRE DUCT TYP I .....	1
20	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	12
21	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	12
22	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	12
23	PAOZZ		L0503	0165113.16	TERMINAL, GROUND .....	14
24	PAOZZ	6130-01-503-4033	60886	PS5R-E24	POWER SUPPLY, INSTRUMENTATION ..	1
25	PAOZZ	5925-01-526-9741	0DU12	S281-Z4	CIRCUIT BREAKER .....	1
26	PAOZZ		L0503	0010108.06	RELAY, SOLID STATE .....	2
27	PAOZZ	5945-01-344-2503	77342	KRPA-14AN-120	RELAY .....	1
28	PAOZZ	5935-01-317-4325	77342	27E892	SOCKET, RELAY .....	1
29	PAOZZ	5915-01-114-9855	05245	10VW1	POWER LINE FILTER .....	1
30	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	2
31	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	2
32	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	2
33	XPOZZ		0U5N7	33902338	DIN RAIL TYP E II .....	1
34	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	5
35	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
36	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5
37	XBOZZ		0U5N7	33902336-2	WIRE DUCT LID .....	1
38	XBOZZ		0U5N7	33902334	WIRE DUCT TYPE III .....	1
39	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	3
40	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	3
41	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	3
42	PAOZZ	5340-01-339-0163	60886	BNL-5	CLAMP, DIN .....	4
43	XBOZZ		0U5N7	33902337	DIN RAIL, TYP E I .....	1
44	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	5
45	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
46	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
OPERATOR CONTROL SUB PANEL ASSEMBLY  
REPAIR PARTS LIST**

**0049 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 76 SUB PANEL ASSEMBLY						
47	XBOZZ		0U5N7	33902333	WIRE DUCT, TYP II .....	1
48	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	5
49	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
50	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5
51	XBOZZ		0U5N7	33902339	WIRE DUCT TYPE V .....	1
52	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	6
53	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	6
54	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	6
55	PAOZZ	4520-01-497-3230	00843	D-AH4002B	ENCLOSURE HEATER .....	1
56	PAOZZ	5305-00-579-2513	96906	MS35217-55	. SCREW, MACHINE .....	4
57	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	4
58	XCOZZ		0U5N7	33901075	BACK PANEL SU ASSY .....	1
59	PAOZZ		L0503	0007035.11	TERMINAL, DC .....	40
60	PAOZZ		L0503	0125.116.01	TERMINAL, AC .....	10
61	PAOZZ	5905-01-526-9743	2S894	P820W-2BK-ND	RESISTOR .....	1
62	PAOZZ		L0503	0103125.15	END COVER, TERMINAL .....	2
63	PAOZZ	5930-01-527-0313	01121	1746-KY1	KEY, PROCESSOR .....	1
64	PAOZZ		L0503	YPSC8	BRACKET SET, RELAY .....	1
65	PAOZZ		L0503	YTDML-120AL	RELAY, ON TIME DELAY .....	1
66	PAOZZ		L0503	YNDS8	SOCKET, RELAY .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION SYSTEM

0050 00

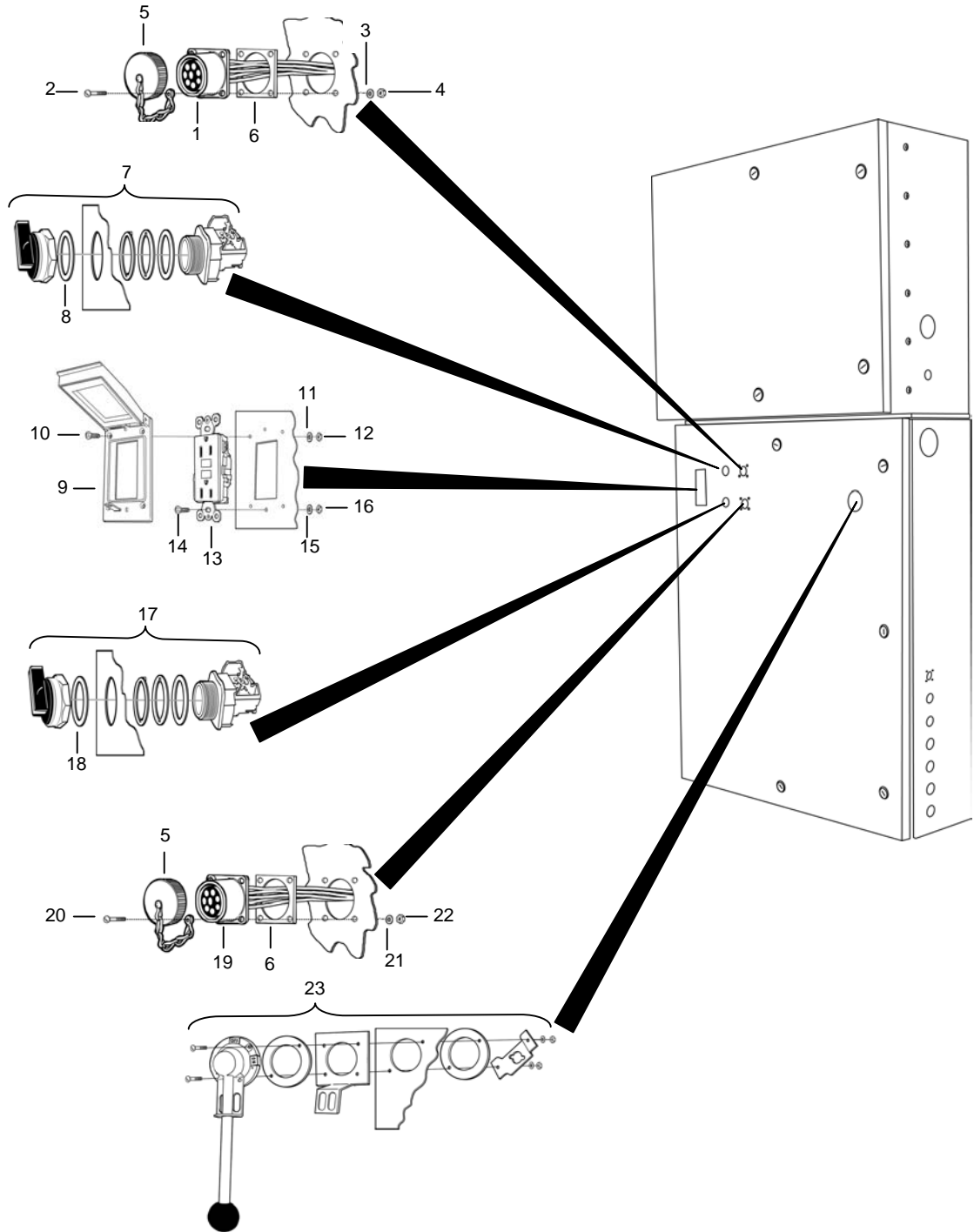


Figure 77. Power Distribution System (Sheet 1 of 3).



TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION SYSTEM

0050 00

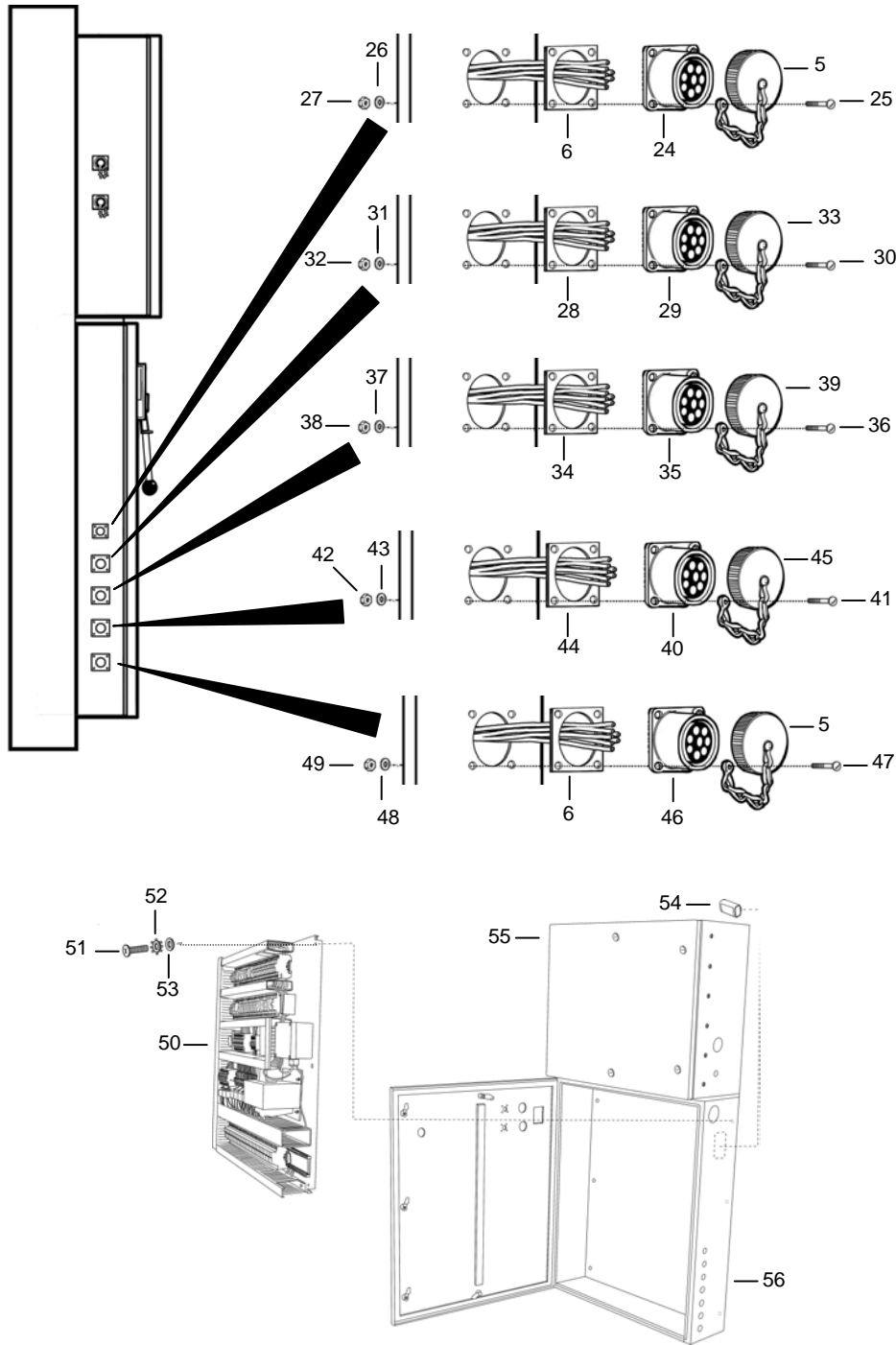


Figure 77. Power Distribution System (Sheet 2 of 3).

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION SYSTEM

0050 00

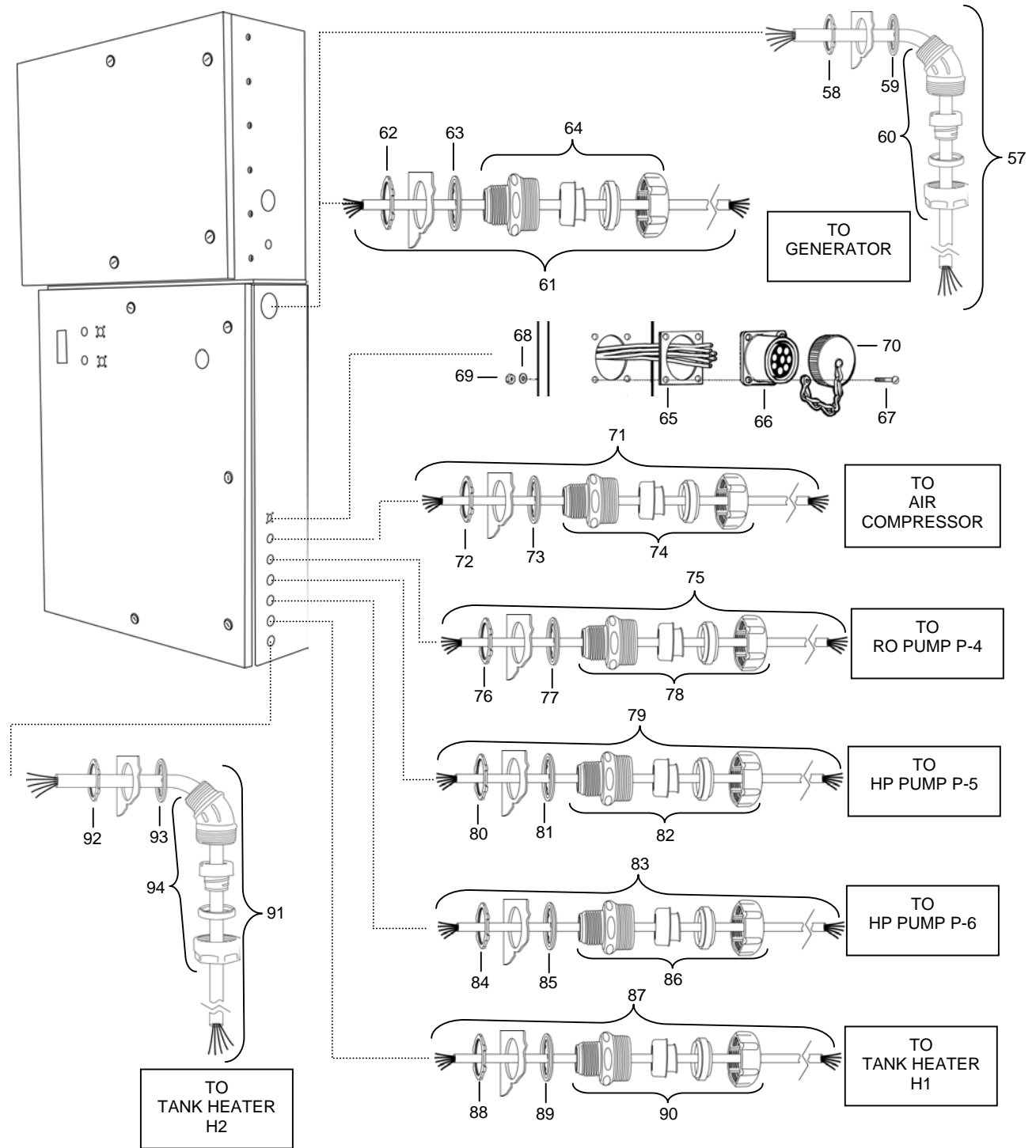


Figure 77. Power Distribution System (Sheet 3 of 3).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION SYSTEM  
REPAIR PARTS LIST**

**0050 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 77 POWER DISTRIBUTION SYSTEM						
1	PAOZZ	5935-01-527-0328	2B395	MS3102E-16S-8S	RECEPTACLE .....	1
2	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
3	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
4	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
5	PAOZZ	5935-01-184-7188	96906	MS25043-16DA	COVER, RECEPTACLE .....	4
6	PAOZZ	5330-00-946-8344	77820	10-40450-16	GASKET, PLAIN .....	4
7	PAOZZ	5930-01-348-5821	01121	800T-H17D1	SWITCH, ROTARY .....	1
8	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
9	PAOZZ	5975-01-526-2210	81091	4512	COVER. RECEPTACLE .....	1
10	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
11	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
12	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
13	PAOZZ	5935-01-526-2209	81091	1591-I	RECEPTACLE, GFI .....	1
14	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	2
15	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	2
16	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	2
17	PAOZZ	5930-01-340-9137	01121	800T-H17A	SELECTOR SWITCH .....	1
18	PAOZZ	5999-01-526-1753	0U5N7	33902312	. GASKET, EMI .....	1
19	PAOZZ	5935-00-808-7458	96906	MS3102R-16-10S	RECEPTACLE .....	1
20	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
21	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
22	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
23	PAOZZ	5930-01-526-2211	32353	K7VD-HM	HANDLE, DISCONNECT .....	1
24	PAOZZ	5935-01-223-1564	2B395	MS3102E16S-5S	RECEPTACLE .....	1
25	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
26	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
27	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
28	PAOZZ	5330-00-641-8032	77820	10-40450-20	GASKET, PLAIN .....	1
29	PAOZZ	5935-00-204-7587	96906	MS3102E20-15S	RECEPTACLE .....	1
30	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
31	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
32	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
33	PAOZZ	5935-00-221-8620	96906	MS25043-20DA	COVER, RECEPTACLE .....	1
34	PAOZZ	5330-00-641-4336	77820	10-40450-22	GASKET, PLAIN .....	1
35	PAOZZ	5935-01-527-0325	2B395	MS3102E22-28S	RECEPTACLE .....	1
36	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
37	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
38	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
39	PAOZZ	5935-00-176-1708	96906	MS25043-22DA	COVER, RECEPTACLE .....	1
40	PAOZZ	5935-00-682-0361	96906	MS3102E24-2S	RECEPTACLE .....	1
41	PAOZZ	5305-00-638--802	96906	MS35216-28	. SCREW, MACHINE .....	4
42	PAOZZ	5310-00-274-8887	96906	MS20365-C632A	. NUT, SELF-LOCKING .....	4
43	PAOZZ	5310-00-880-5976	80205	MS15795-806	. WASHER, FLAT .....	4
44	PAOZZ	5330-00-432-4734	77820	10-40450-24	GASKET, PLAIN .....	1
45	PAOZZ	5935-01-175-8417	96906	MS25043-24DA	COVER, RECEPTACLE .....	1

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION SYSTEM  
REPAIR PARTS LIST**

**0050 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
<b>GROUP 07 ELECTRICAL SYSTEM FIGURE 77 POWER DISTRIBUTION SYSTEM</b>						
46	PAOZZ	5935-01-527-0327	2B395	MS3102E16S-6S	RECEPTACLE .....	1
47	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
48	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
49	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
50	XBOOO		0U5N7	33901071	POWER DISTRIBUTION PANEL ASSY .....	1
51	PAOZZ	5305-00-478-0273	96906	MS35307-355	. SCREW, HEX HEAD .....	6
52	PAOZZ	5310-00-209-0790	96906	MS35335-63	. WASHER, LOCK .....	6
53	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	6
54	PAOZZ	4440-01-475-9949	08TA7	VC2-1	VAPOR CAPSULE .....	2
55	XBOOO		0U5N7	33905032	ENCLOSURE, ELECTRICAL .....	1
56	XBOOO		0U5N7	33905031	ENCLOSURE, PDP .....	1
57	XBOOO		0U5N7	33903033	POWER CABLE, PDP (ARMY) .....	1
58	PAOZZ	5975-00-642-7263	56501	146	. LOCKNUT, ELECTRICAL.....	1
59	PAOZZ	5330-01-066-9423	56501	5267	. SEALING RING .....	1
60	XBOZZ		56501	2285	. BOX CONNECTOR, ELECTRICAL.....	1
61	XBOOO		0U5N7	33903045	POWER CABLE, PDP (MARINE CORPS).....	1
62	PAOZZ	5975-00-642-7263	56501	146	. LOCKNUT, ELECTRICAL.....	1
63	PAOZZ	5330-01-066-9423	56501	5267	. SEALING RING .....	1
64	PAOZZ	5975-01-251-7566	56501	2574	. BOX CONNECTOR, ELECTRICAL.....	1
65	PAOZZ	5999-00-033-5512	77820	1040450-12	GASKET, PLAIN .....	1
66	PAOZZ		0U5N7	33903049	CONNECTOR ASSEMBLY .....	1
67	PAOZZ	5305-00-054-5652	96906	MS35216-17	. SCREW, MACHINE .....	4
68	PAOZZ	5310-00-782-1349	80205	MS15795-804	. WASHER, FLAT .....	4
69	PAOZZ	5310-01-526-9746	0Y3H3	70854	. NUT, SELF LOCKING .....	4
70	PAOZZ	5935-01-117-6376	96906	MS3181-12CA	COVER, RECEPTACLE .....	1
71	XBOZZ		0U5N7	33903029	CONDUIT HARNESS, AIR COMPRESSOR .....	1
72	PAOZZ	5975-00-152-1075	56501	141	. LOCKNUT, ELECTRICAL.....	1
73	PAOZZ	5331-00-588-0892	56501	5262	. O- RING .....	1
74	PAOZZ	5975-00-952-0021	56501	5342	. BOX CONNECTOR, ELECTRICAL .....	1
75	XBOZZ		0U5N7	33903032	CONDUIT HARNESS, RO PUMP P-4 .....	1
76	PAOZZ	5975-00-152-1075	56501	141	. LOCKNUT .....	1
77	PAOZZ	5331-00-588-0892	56501	5262	. O- RING .....	1
78	PAOZZ	5975-00-983-9229	56501	5332	. BOX CONNECTOR, ELECTRICAL .....	1
79	XBOZZ		0U5N7	33903027	CONDUIT HARNESS, HP PUMP P-5 .....	1
80	PAOZZ	5975-00-642-7261	56501	142	. LOCKNUT .....	1
81	PAOZZ	5330-00-802-4966	56501	5263	. PACKING .....	1
82	PAOZZ	5975-00-801-7411	56501	5333	. BOX CONNECTOR, ELECTRICAL .....	1
83	XBOZZ		0U5N7	33903028	CONDUIT HARNESS, HP PUMP P-6 .....	1
84	PAOZZ	5975-00-642-7261	56501	142	. LOCKNUT .....	1
85	PAOZZ	5330-00-802-4966	56501	5263	. PACKING .....	1
86	PAOZZ	5975-00-801-7411	56501	5333	. BOX CONNECTOR, ELECTRICAL .....	1
87	XBOZZ		0U5N7	33903030	CONDUIT HARNESS, TANK HEATER H-1 .....	1
88	PAOZZ	5975-00-642-7261	56501	142	. LOCKNUT .....	1
89	PAOZZ	5330-00-802-4966	56501	5263	. PACKING .....	1
90	PAOZZ	5975-00-801-7411	56501	5333	. BOX CONNECTOR, ELECTRICAL .....	1
91	XBOZZ		0U5N7	33903031	CONDUIT HARNESS, TANK HEATER H-2 .....	1
92	PAOZZ	5975-00-642-7261	56501	142	. LOCKNUT .....	1

**0050 00-6**

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION SYSTEM  
REPAIR PARTS LIST**

**0050 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 77 POWER DISTRIBUTION SYSTEM						
93	PAOZZ	5330-00-802-4966	56501	5263	. PACKING .....	1
94	PAOZZ	5975-00-995-5259	56501	5343	. BOX CONNECTOR, ELECTRICAL .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION PANEL

0051 00

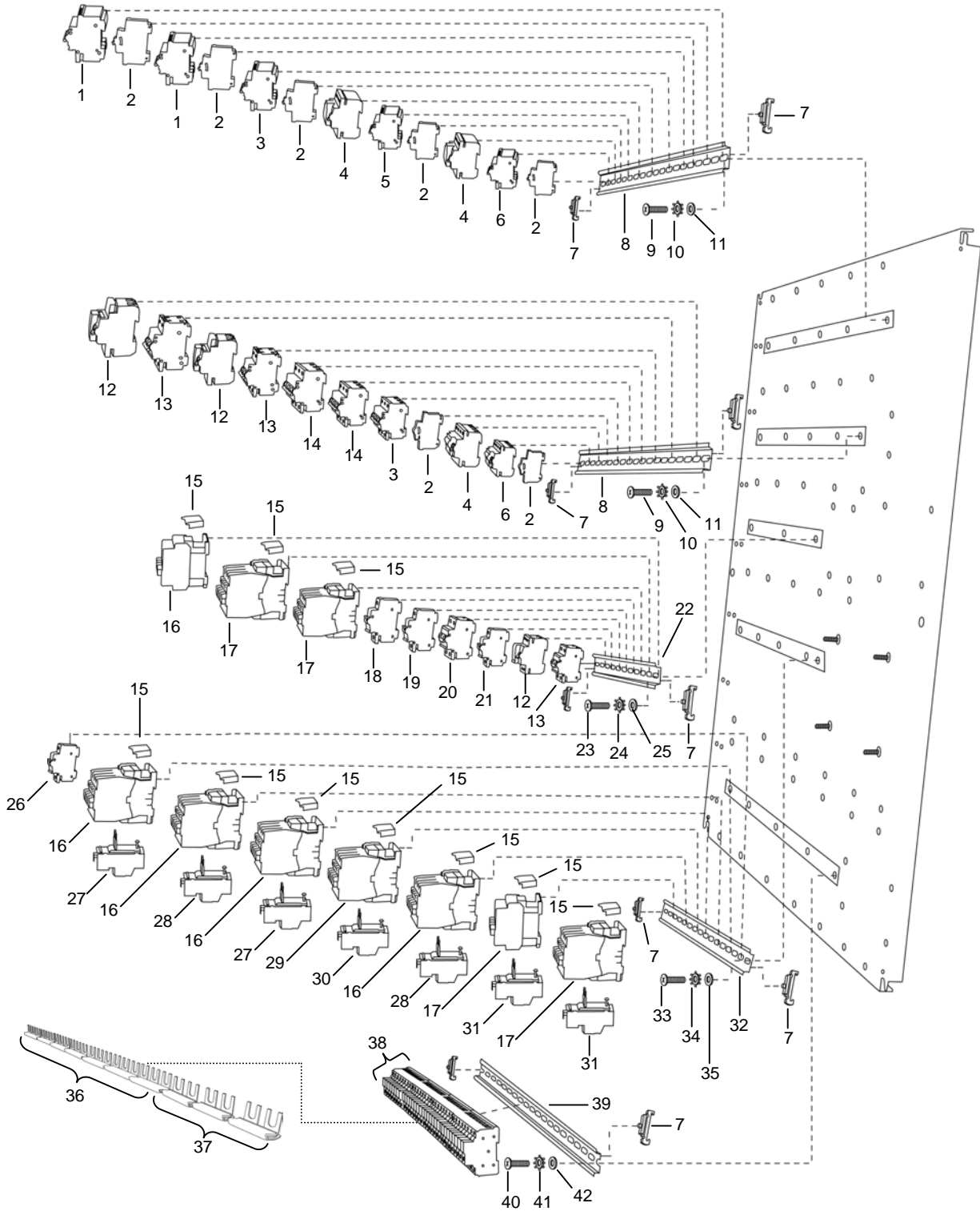


Figure 78. Power Distribution Panel (Sheet 1 of 2).



TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION PANEL

0051 00

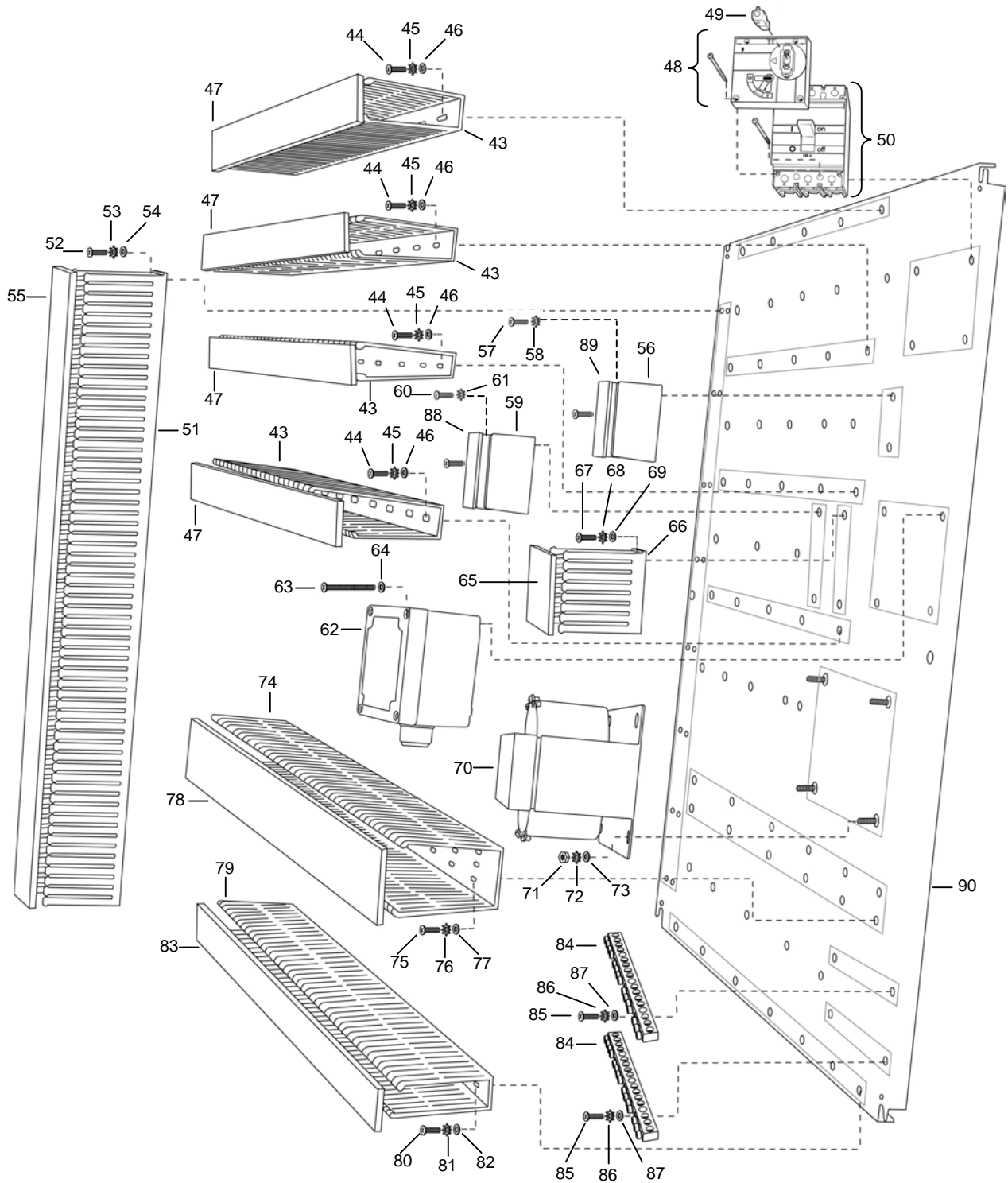


Figure 78. Power Distribution Panel (Sheet 2 of 2).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION PANEL  
REPAIR PARTS LIST**

**0051 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 78 POWER DISTRIBUTION PANEL						
1	PAOZZ	5925-01-526-2189	32353	S263-D63	CIRCUIT BREAKER .....	2
2	PAOZZ	5925-01-526-1894	32353	S2-S	SWITCH, AUXILIARY .....	7
3	PAOZZ	5925-01-526-2188	32353	S263-D16	CIRCUIT BREAKER .....	2
4	PAOZZ	5925-01-526-1910	32353	F364-25/0.3	MODULE, GFI .....	3
5	PAOZZ	5925-01-526-2208	32353	S263-D20	CIRCUIT BREAKER .....	1
6	PAOZZ	5925-01-526-1912	32353	S263-D10	CIRCUIT BREAKER .....	2
7	PAOZZ	5340-01-339-0163	60886	BNL-5	CLAMP, DIN .....	10
8	XBOZZ		0U5N7	33902322	DIN RAIL TYPE II .....	2
9	PAOZZ	5305-00-059-8594	70318	8706-2	. SCREW, MACHINE .....	5
10	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
11	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5
12	PAOZZ	5925-01-526-2191	32353	F362-25/0.03	MODULE, GFI .....	3
13	PAOZZ	5925-01-526-2190	32353	S262-C16	CIRCUIT BREAKER .....	3
14	PAOZZ	5925-01-526-2187	32353	S263-C25	CIRCUIT BREAKER .....	2
15	PAOZZ	5920-01-526-2196	32353	RV5/250	SURGE SUPPRESSOR .....	10
16	PAOZZ	5950-01-526-2197	32353	A9-30-10-84	CONTACTOR .....	5
17	PAOZZ	5950-01-526-2200	32353	A30-30-10-84	CONTACTOR .....	4
18	PAOZZ	5925-01-526-2194	32353	S261-C8	CIRCUIT BREAKER .....	1
19	PAOZZ	5925-01-526-2195	32353	S261-C4	CIRCUIT BREAKER .....	1
20	PAOZZ	5925-01-526-2193	32353	S262-D4	CIRCUIT BREAKER .....	1
21	PAOZZ	5925-01-526-2192	32353	S261-C2	CIRCUIT BREAKER .....	1
22	XBOZZ		0U5N7	33902324	DIN RAIL TYPE IV .....	1
23	PAOZZ	5305-00-059-8594	70318	8706-2	. SCREW, MACH INE .....	3
24	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	3
25	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	3
26	PAOZZ		32353	S262-D6	CIRCUIT BREAKER .....	1
27	PAOZZ	5945-01-423-3476	32353	TA25DU8.5	RELAY, OVERLOAD .....	2
28	PAOZZ	5925-01-526-2198	32353	TA25DU6.5	RELAY, OVERLOAD .....	2
29	PAOZZ	6110-01-288-2754	32353	A12-30-10-84	CONTACTOR .....	1
30	PAOZZ	5925-01-526-2199	32353	TA25DU14	RELAY, OVERLOAD .....	1
31	PAOZZ	5925-01-526-2201	32353	TA42DU32	RELAY, OVERLOAD .....	2
32	XBOZZ		0U5N7	33902323	DIN RAIL TYPE III .....	1
33	PAOZZ	5305-00-059-8594	70318	8706-2	. SCREW, MACH INE .....	5
34	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
35	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5
36	PAOZZ		32353	SZ-KS18/56N/3	WIRING BRIDGE JUMPER .....	7
37	PAOZZ		32353	SZ-KS18/56N/2	WIRING BRIDGE JUMPER .....	3
38	PAOZZ	5920-01-526-9749	5Y407	OVR40-320D-440P	SURGE ARRESTOR ASSEMBLY .....	27
39	XBOZZ		0U5N7	33902321	DIN RAIL TYPE I .....	1
40	PAOZZ	5305-00-059-8594	70318	8706-2	. SCREW, MACH INE .....	5
41	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
42	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5
43	XBOZZ		0U5N7	33902326	WIRE DUCT .....	4
44	PAOZZ	5305-00-059-8591	96906	MS35217-53	. SCREW, MACHINE .....	5
45	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	5
46	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	5

**0051 00-4**

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
POWER DISTRIBUTION PANEL  
REPAIR PARTS LIST**

**0051 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGE C	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 78 POWER DISTRIBUTION PANEL						
47	XBOZZ		0U5N7	33902330-1	WIRE DUCT LID .....	4
48	PAOZZ	5930-01-526-2205	32353	K5VD-M	OPERATING MECHANISM .....	1
49	PAOZZ	3040-01-526-2206	0U5N7	33902340	DISCONNECT SHAFT .....	1
50	PAOZZ	5925-01-526-2204	32353	S3N125TW	CIRCUIT BREAKER .....	1
51	XBOZZ		0U5N7	33902329	WIRE DUCT W, TYP II .....	1
52	PAOZZ	5305-00-059-8591	96906	MS35217-53	. SCREW, MACHINE .....	12
53	PAOZZ	5310-00-543-5933	96906	MS35333-73	. WASHER, LOCK .....	12
54	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	12
55	XBOZZ		0U5N7	33902331-1	WIRE DUCT LID .....	1
56	PAOZZ	5940-01-297-2072	56365	LBA363206	DISTRIBUTION BLOCK .....	1
57	PAOZZ	5310-00-543-5933	80205	MS35333-73	. WASHER, LOCK.....	6
58	PAOZZ	5305-00-059-3662	80205	MS51958-66	. SCREW, MACHINE.....	6
59	PAOZZ	5920-01-526-2207	56365	LBA162104	DISTRIBUTION BLOCK .....	1
60	PAOZZ	5310-00-543-5933	80205	MS35333-73	. WASHER, LOCK.....	6
61	PAOZZ	5305-00-059-3662	80205	MS51958-66	. SCREW, MACHINE.....	6
62	PAOZZ	5920-01-526-2202	0R505	XT40-3Y201	SURGE SUPPRESSOR .....	1
63	PAOZZ	5305-00-059-8596	96906	MS35217-58	.SCREW, MACHINE .....	4
64	PAOZZ	5310-00-543-5933	80205	MS35333-73	. WASHER, LOCK .....	4
65	XBOZZ		0U5N7	33902330-3	WIRE DUCT LID .....	1
66	XBOZZ		0U5N7	33902381	WIRE DUCT, N TYPE III .....	1
67	PAOZZ	5305-00-059-8591	96906	MS35217-53	. SCREW, MACHINE .....	2
68	PAOZZ	5310-00-543-5933	80205	MS35333-73	. WASHER, LOCK .....	2
69	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	2
70	PAOZZ	5950-01-526-2203	32353	T41.5K1	TRANSFORMER .....	1
71	PAOZZ	5310-00-250-9477	96906	MS35649-2254	. NUT, PLAIN, HEX .....	4
72	PAOZZ	5310-00-543-2740	96906	MS35333-74	. WASHER, LOCK .....	4
73	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	4
74	XBOZZ		0U5N7	33902328	WIRE DUCT W, TYP I .....	1
75	PAOZZ	5305-00-059-8591	96906	MS35217-53	. SCREW, MACHINE .....	14
76	PAOZZ	5310-00-543-5933	80205	MS35333-73	. WASHER, LOCK .....	14
77	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	14
78	XBOZZ		0U5N7	33902331-2	WIRE DUCT LID .....	1
79	XBOZZ		0U5N7	33902325	WIRE DUCT N, TYPE .....	1
80	PAOZZ	5305-00-059-8591	96906	MS35217-53	. SCREW, MACHINE .....	7
81	PAOZZ	5310-00-543-5933	80205	MS35333-73	. WASHER, LOCK .....	7
82	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	7
83	XBOZZ		0U5N7	33902330-2	WIRE DUCT LID .....	1
84	PAOZZ	5940-00-433-7481	56365	PK15GTA	GROUND BAR .....	2
85	PAOZZ	5305-00-054-6674	65597	915014-0049	. SCREW, MACHINE .....	4
86	PAOZZ	5310-00-543-2739	96906	MS35333-72	. WASHER, LOCK .....	4
87	PAOZZ	5310-00-982-6814	05277	MS21044C08	. NUT, SELF LOCKING .....	4
88	PAOZZ		56365	LB33	COVER (WITH 2 SCREWS), DIST BLOCK .....	1
89	PAOZZ	5999-01-098-0484	56365	LB21	COVER (WITH 2 SCREWS), DIST BLOCK .....	1
90	XBOZZ		0U5N7	33901074	BACK PANEL .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 07 ELECTRICAL SYSTEM  
POWER CABLES

0052 00

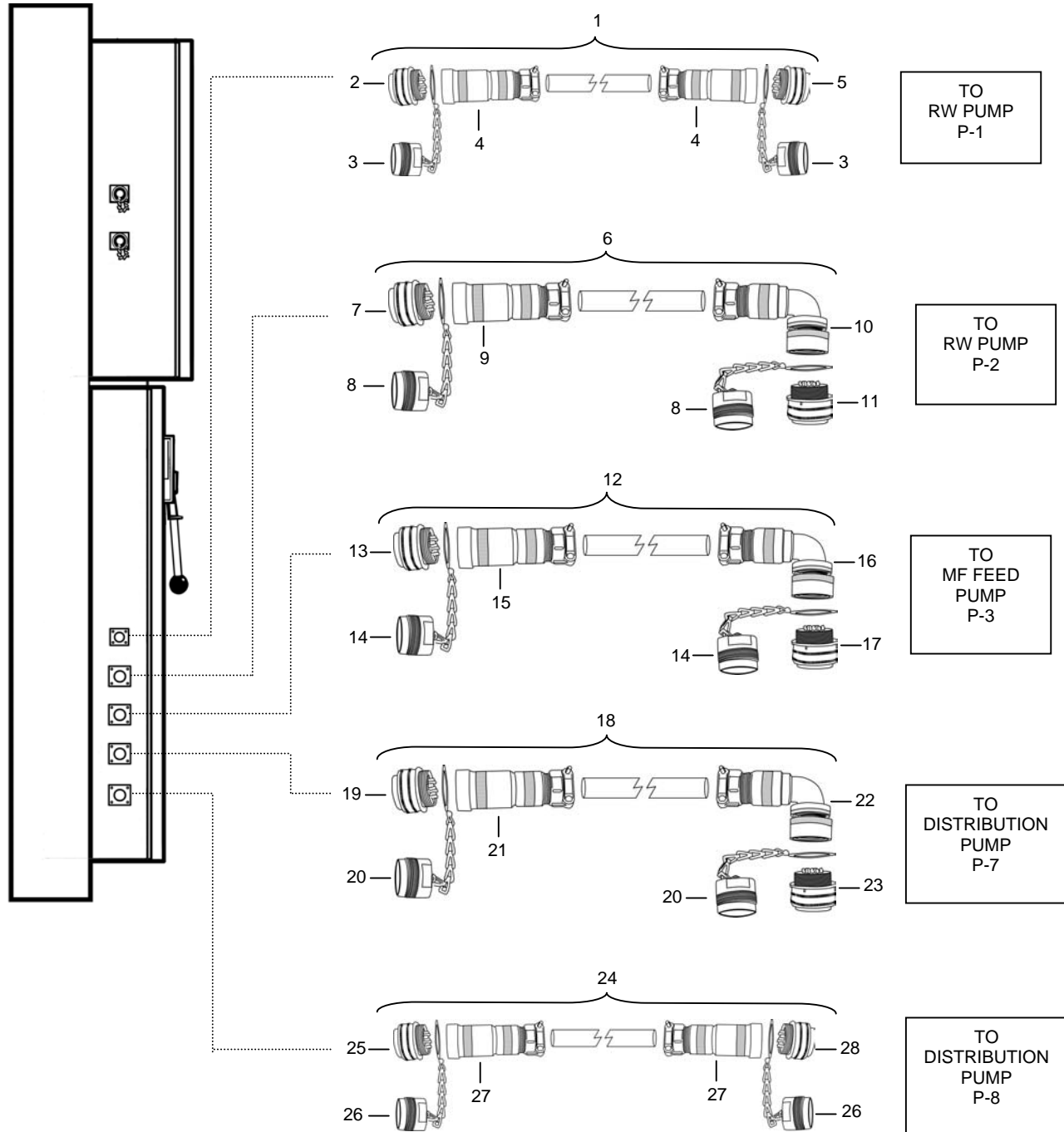


Figure 79. Power Cables.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
POWER CABLES  
REPAIR PARTS LIST**

**0052 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 79 POWER CABLES						
1	PBOOO	6150-01-526-2419	0U5N7	33903003	POWER CABLE, RW PUMP .....	1
2	PAOZZ	5395-00-636-5918	96906	MS3106E16S-5P	. CONNECTOR .....	1
3	PAOZZ	5340-01-526-1906	77820	10-329391-16	. DUST CAP .....	2
4	PAOZZ	5935-01-526-1909	06324	390BS002B1508A4A	. ADAPTER, BACKSHELL .....	2
5	PAOZZ	5935-00-258-6736	96906	MS3106E16S-5S	. CONNECTOR .....	1
6	PBOOO	6150-01-526-1813	0U5N7	33903000	POWER CABLE, RW PUMP .....	1
7	PAOZZ	5935-00-201-4610	96906	MS3106E20-15P	. CONNECTOR .....	1
8	PAOZZ	5340-01-526-1818	77820	10-329391-20	. DUST CAP .....	2
9	PAOZZ	5935-01-526-1829	06324	390BS002B1712A6A	. ADAPTER, BACKSHELL .....	1
10	PAOZZ	4730-01-526-1874	06324	390BA002B1712AA	. ADAPTER, BACKSHELL .....	1
11	PAOZZ	5935-00-201-2770	96906	MS3106E20-15S	. CONNECTOR .....	1
12	PBOOO	6150-01-526-2412	0U5N7	33903001	POWER CABLE, MF PUMP .....	1
13	PAOZZ	5935-00-617-7329	96906	MS3106E22-28P	. CONNECTOR .....	1
14	PAOZZ	5340-01-526-1843	77820	10-329391-22	. DUST CAP .....	2
15	PAOZZ	4730-01-526-1880	06324	390BA002B2012AA	. ADAPTER, BACKSHELL .....	1
16	PAOZZ	5935-01-526-1850	06324	390BS002B2012A6A	. ADAPTER, BACKSHELL .....	1
17	PAOZZ	5935-01-526-1859	96906	MS3106E22-28S	. CONNECTOR .....	1
18	PBOOO	6150-01-526-2420	0U5N7	33903002	POWER CABLE, DIST PUMP, ELECTRIC ...	1
19	PAOZZ	5935-00-583-8947	96906	MS3106E24-2P	. CONNECTOR .....	1
20	PAOZZ	5340-01-526-1892	77820	10-329391-24	. DUST CAP .....	2
21	PAOZZ	5935-01-526-1909	06324	390BS002B2112A6A	. ADAPTER, BACKSHELL .....	1
22	PAOZZ	4730-01-526-1905	06324	390BA002B2112AA	. ADAPTER, BACKSHELL .....	1
23	PAOZZ	5935-01-006-9843	96906	MS3106E24-2S	. CONNECTOR .....	1
24	PBOZZ	6150-01-526-2479	0U5N7	33903021	POWER CABLE, DIST PUMP, DIESEL .....	1
25	PAOZZ	5935-00-581-7973	96906	MS3106E16S-6P	. CONNECTOR .....	1
26	PAOZZ	5340-01-526-1906	77820	10-329391-16	. DUST CAP .....	2
27	PAOZZ	5935-01-526-1909	06324	390BS002B1508A4A	. ADAPTER, BACKSHELL .....	2
28	PAOZZ	5935-00-553-2680	77820	MS3106E16S-6S	. CONNECTOR .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM  
GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL

0053 00

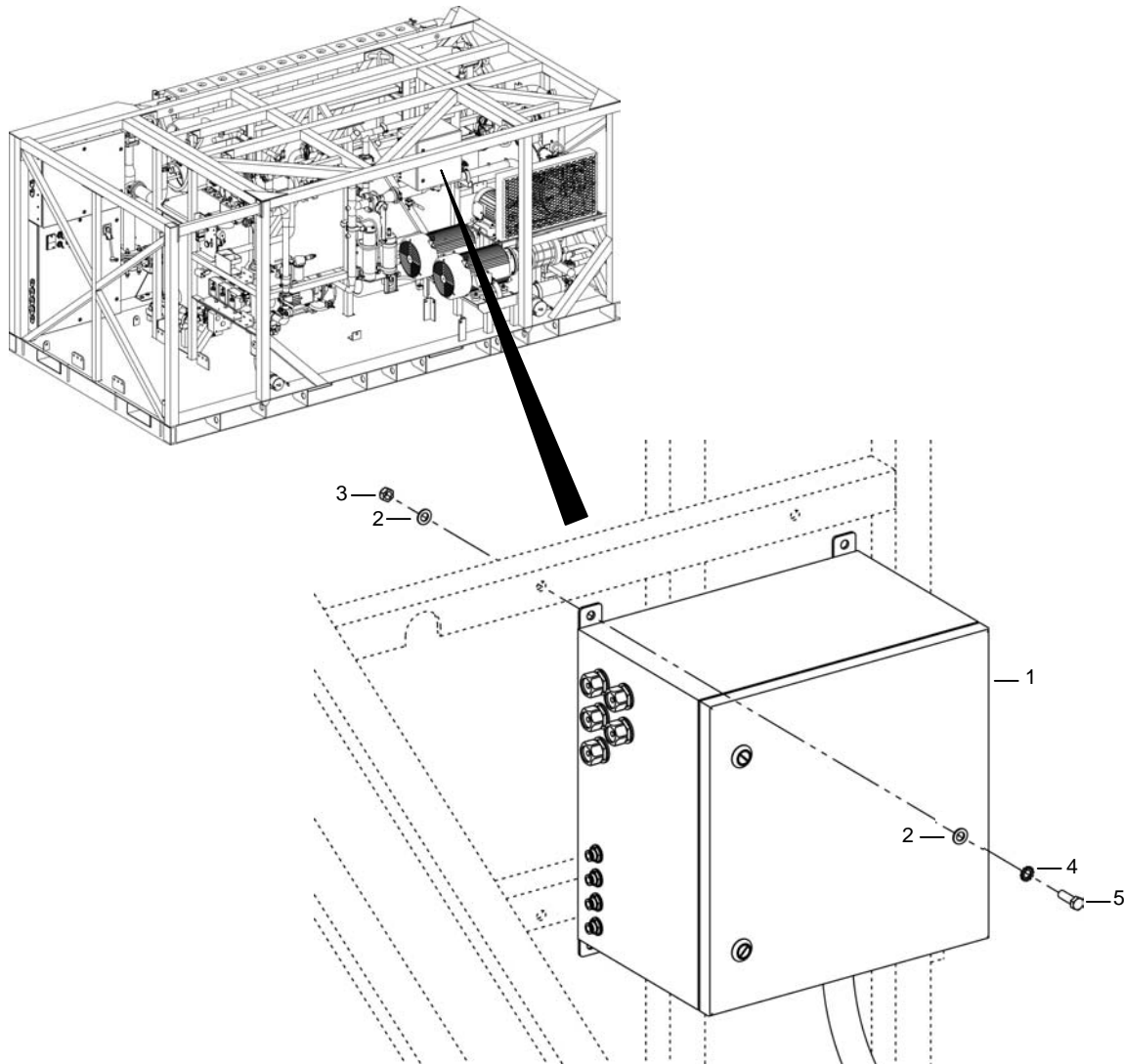


Figure 80. Instrument / Solenoid Panel Installation.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL  
REPAIR PARTS LIST**

**0053 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 80 INSTRUMENT/SOLENOID PANEL INSTALLATION						
1	XBOOO		0U5N7	33901180	ISP ASSEMBLY .....	1
2	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	8
3	PAOZZ			MS51922-18	. NUT, SELF-LOCKING .....	4
4	PAOZZ	5310-00-209-0790	96906	MS35335-63	. WASHER, LOCK .....	4
5	PAOZZ	6305-00-702-4523	80205	MS35307-306	. SCREW, CAP, HEX.....	4
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM  
GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL

0053 00

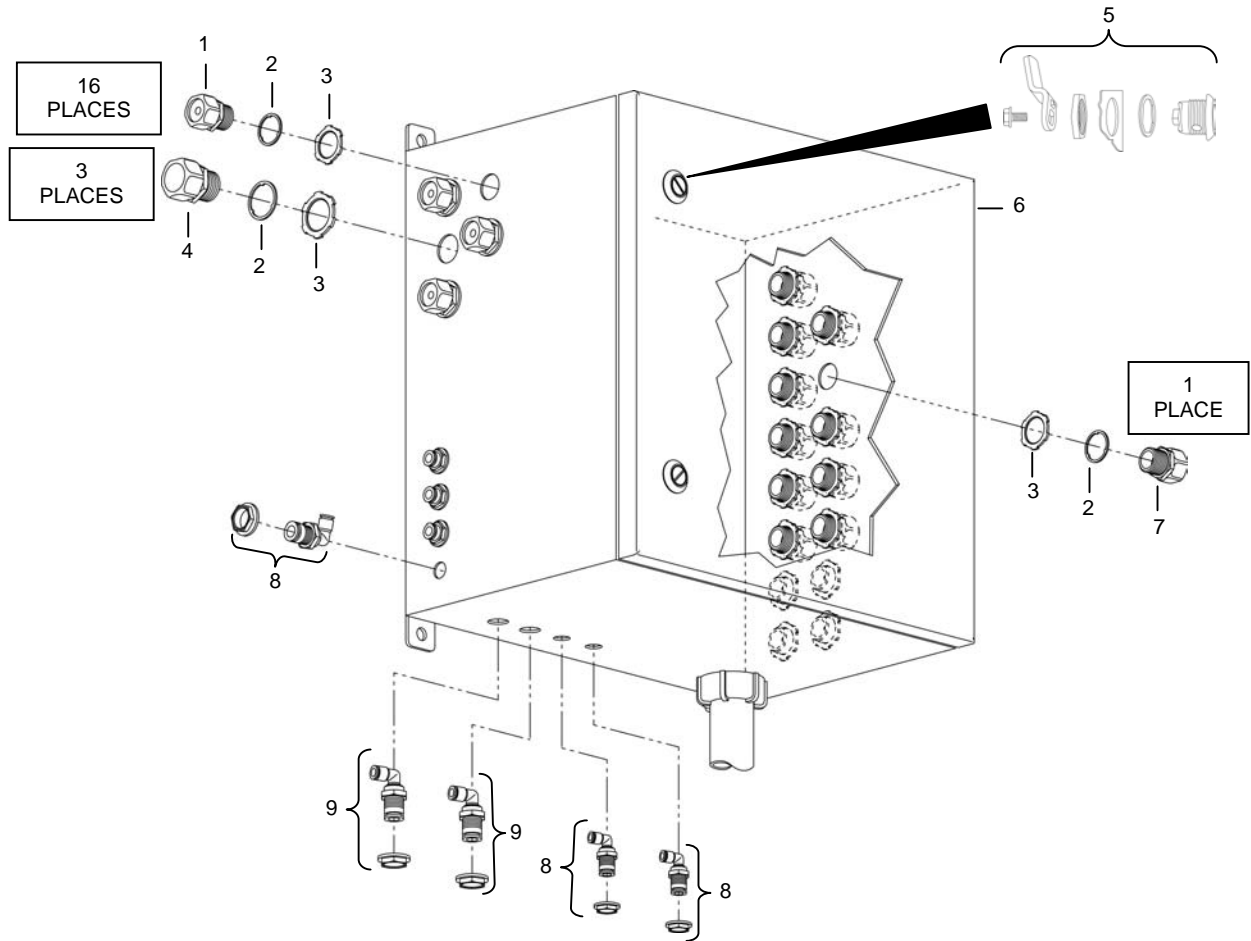


Figure 81. Instrument / Solenoid Panel (Sheet 1 of 3).

TACTICAL WATER PURIFICATION SYSTEM  
GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL

0053 00

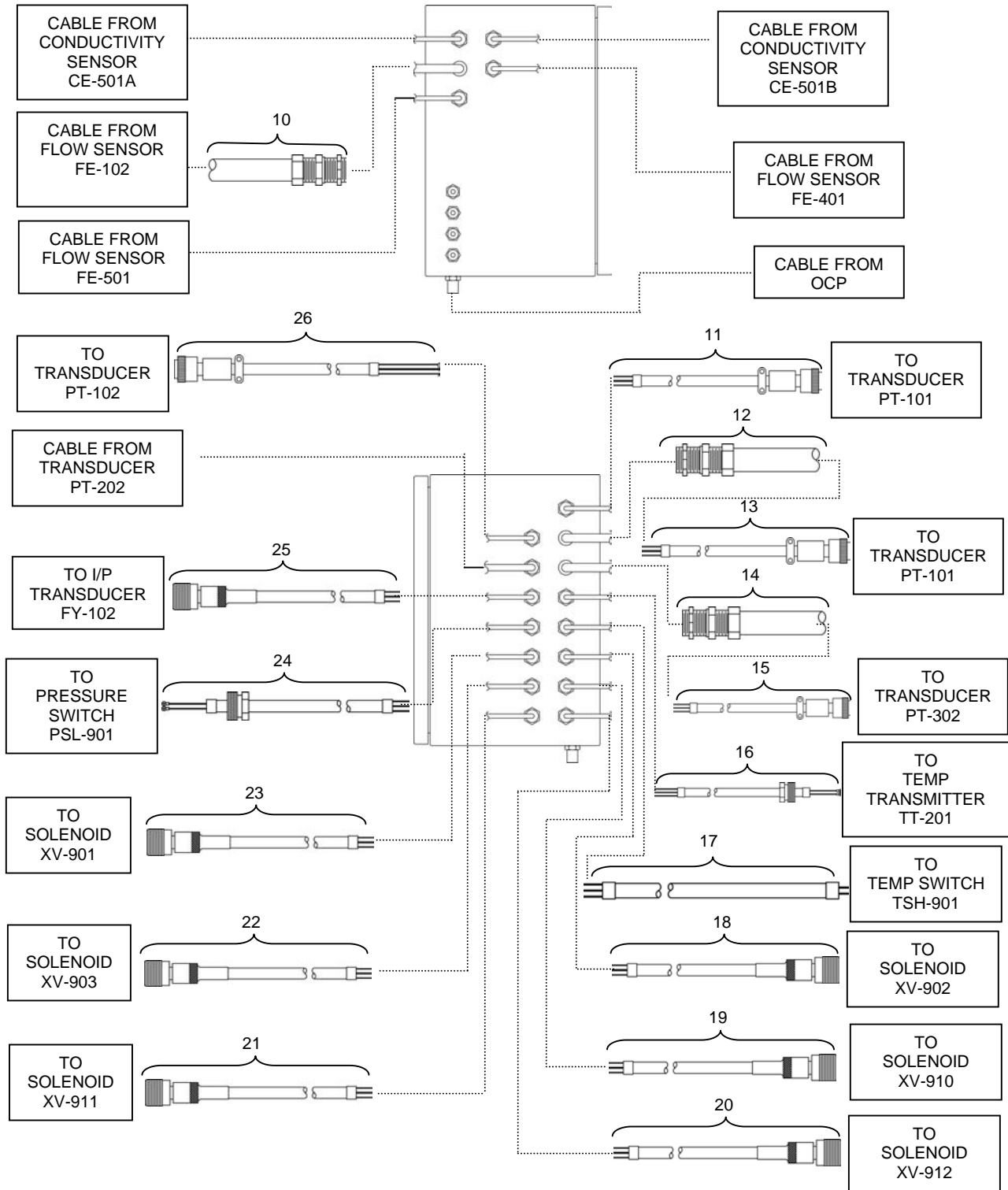


Figure 81. Instrument / Solenoid Panel (Sheet 2 of 3).

TACTICAL WATER PURIFICATION SYSTEM  
GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL

0053 00

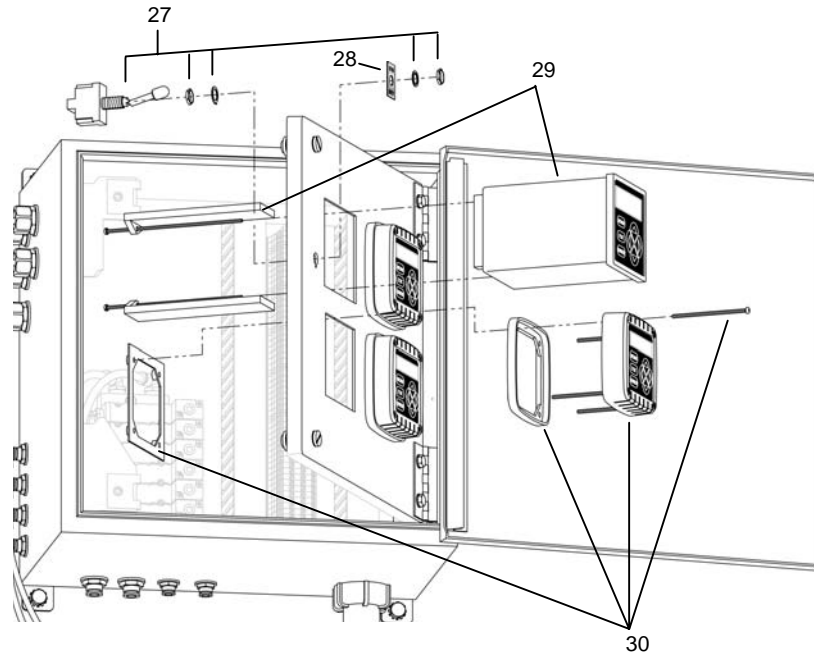


Figure 81. Instrument / Solenoid Panel (Sheet 3 of 3).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL  
REPAIR PARTS LIST**

**0053 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 81 INSTRUMENT / SOLENOID PANEL						
1	PAOZZ	5975-00-284-6978	56501	2520	BOX CONNECTOR, ELECTRICAL .....	16
2	PAOZZ	5331-00-588-0892	56501	5262	O-RING .....	20
3	PAOZZ	5310-01-104-6677	00C73	141	LOCKNUT, ELECTRICAL .....	20
4	PAOZZ	5975-00-707-6229	56501	5331	BOX CONNECTOR, ELECTRICAL .....	3
5	PAOZZ		3TDG3	R002-0100	LATCH ASSEMBLY .....	2
6	XBOOO		0U5N7	33905042	ELECTRICAL ENCLOSURE .....	1
7	PAOZZ	5975-00-296-1669	56501	2521	BOX CONNECTOR, ELECTRICAL .....	1
8	PAOZZ	4730-01-526-2484	1HT24	31395600	ELBOW, BULKHEAD .....	6
9	PAOZZ	4730-01-526-2491	1HT24	31396000	ELBOW, BULKHEAD .....	2
10	XBOZZ		0U5N7	33903050-1	CONDUIT ASSEMBLY .....	1
11	XBOZZ		0U5N7	33903014-1	CABLE ASSEMBLY, TRANSDUCER PT-101 .....	1
12	XBOZZ		0U5N7	33903050-2	CONDUIT ASSEMBLY .....	1
13	XBOZZ		0U5N7	33903014-3	CABLE ASSEMBLY, TRANSDUCER PT-201 .....	1
14	XBOZZ		0U5N7	33903050-3	CONDUIT ASSEMBLY .....	1
15	XBOZZ		0U5N7	33903014-4	CABLE ASSEMBLY, TRANSDUCER PT-302 .....	1
16	XBOZZ		0U5N7	33903022	CABLE ASSEMBLY, TEMP TRANS TT-201 .....	1
17	XBOZZ		0U5N7	33903036	CABLE ASSEMBLY, TEMP SWITCH TSH-901 ..	1
18	XBOZZ		0U5N7	33903013-2	CABLE ASSEMBLY, SOLENOID XV-902 .....	1
19	XBOZZ		0U5N7	33903013-4	CABLE ASSEMBLY, SOLENOID XV-910 .....	1
20	XBOZZ		0U5N7	33903013-6	CABLE ASSEMBLY, SOLENOID XV-912 .....	1
21	XBOZZ		0U5N7	33903013-5	CABLE ASSEMBLY, SOLENOID XV-911 .....	1
22	XBOZZ		0U5N7	33903013-3	CABLE ASSEMBLY, SOLENOID XV-903 .....	1
23	XBOZZ		0U5N7	33903013-1	CABLE ASSEMBLY, SOLENOID XV-901 .....	1
24	XBOZZ		0U5N7	33903035	CABLE ASSEMBLY, PRESSURE SW PSL-901	1
25	XBOZZ		0U5N7	33903018	CABLE ASSEMBLY, TRANSDUCER FY-102 ....	1
26	XBOZZ		0U5N7	33903014-2	CABLE ASSEMBLY, TRANSDUCER PT-102 ....	1
27	PAOZZ	5390-00-843-8990	96906	MS24658-22D	SWITCH ASSEMBLY, TOGGLE .....	1
28	PAOZZ		63426	AT215	PLATE, ON-OFF .....	1
29	PAOZZ	6625-01-526-2503	52998	C33AINN	ANALYZER, CONDUCTIVITY .....	1
30	PAOZZ		52998	PRO-F3B1P	FLOW TRANSMITTER .....	3
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM  
GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL

0053 00

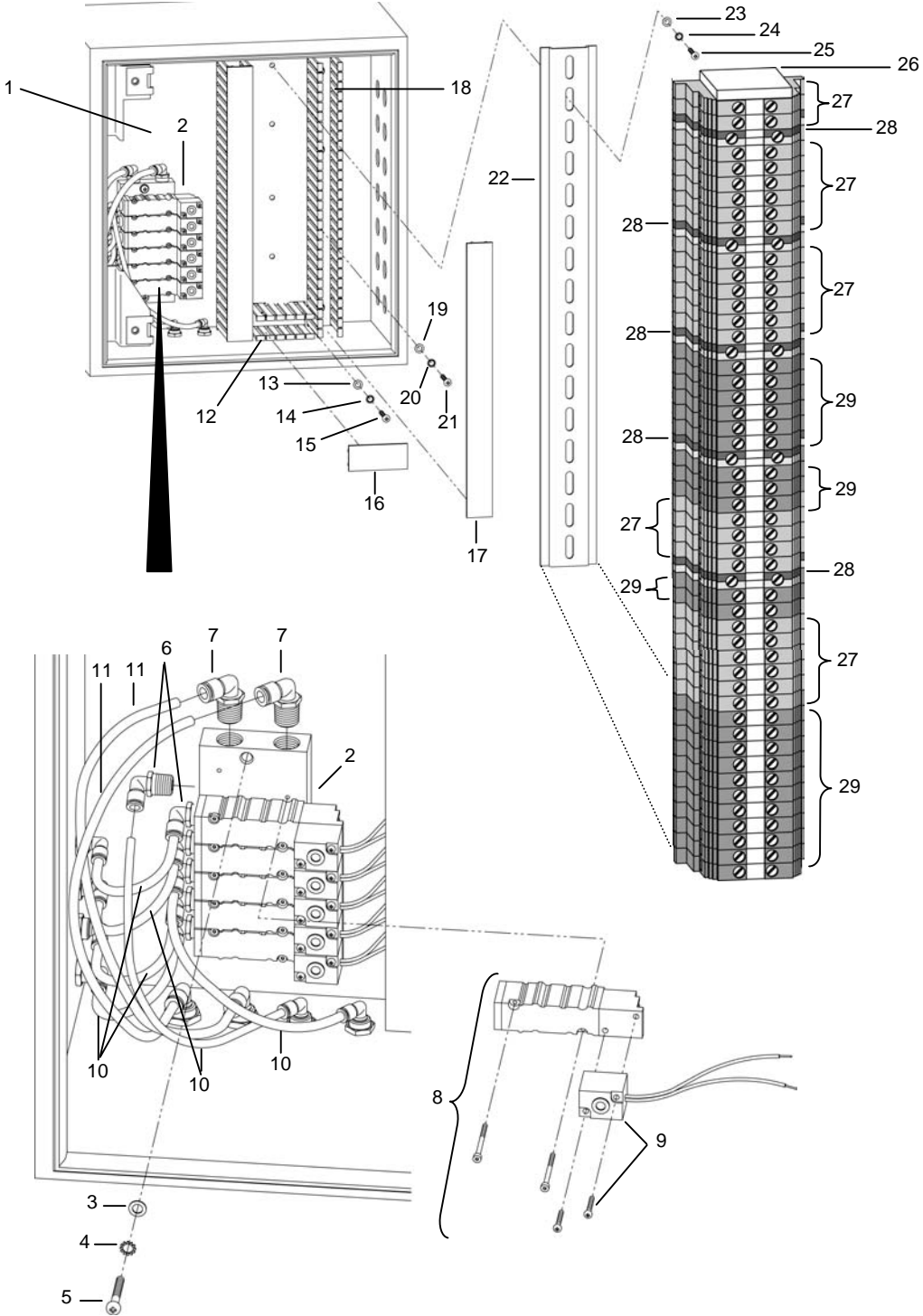


Figure 82. Solenoid Panel.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 07 ELECTRICAL SYSTEM  
INSTRUMENT / SOLENOID PANEL  
REPAIR PARTS LIST**

**0053 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 07 ELECTRICAL SYSTEM FIGURE 82 SOLENOID PANEL						
1	XBOOO		0U5N7	33901179	ISP SUB PANEL .....	1
2	PAOZZ	4810-01-526-2512	0U5N7	33905052	SOLENOID VALVE MANIFOLD .....	1
3	PAOZZ	5310-00-582-5677	96906	MS15795-810	. WASHER, FLAT .....	2
4	PAOZZ	5310-00-527-3634	96906	MS35335-61	. WASHER, LOCK .....	2
5	PAOZZ	5305-00-071-2092	96906	MS51957-88	. SCREW, MACHINE .....	2
6	PAOZZ	4730-01-115-0863	58755	31095614	. SWIVEL JOINT, PIPE .....	6
7	PAOZZ	4730-01-369-2012	59755	31096018	. SWIVEL JOINT, PIPE .....	2
8	PAOZZ	4810-01-526-4219	97999	52A-13-00A-DM- DJAA-1BA	. SOLENOID VALVE ASSEMBLY .....	6
9	PAOZZ	5945-01-526-4365	97999	DMB-DJAA-1BA	. . SOLENOID, ELECTRICAL .....	1
10	PAOZZ		4H336	1B-204-01	TUBING, NYLON, 250 PS1 .....	6
11	PAOZZ		4H336	1A-206-01	TUBING, NYLON, 220 PS1 .....	2
12	XBOZZ		0U5N7	33902378	WIRE DUCT .....	1
13	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	2
14	PAOZZ	5310-00-209-1239	96906	MS35335-60	. WASHER, LOCK .....	2
15	PAOZZ	5305-00-579-3513	96906	MS35217-55	. SCREW, MACHINE .....	2
16	PAOZZ		0U5N7	33902379-2	LID, WIRE DUCT .....	1
17	PAOZZ		0U5N7	33902379-1	LID, WIRE DUCT .....	2
18	XBOZZ		0U5N7	33902376	WIRE DUCT .....	2
19	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	4
20	PAOZZ	5310-00-209-1239	96906	MS35335-60	. WASHER, LOCK .....	4
21	PAOZZ	5305-00-579-3513	96906	MS35217-55	. SCREW, MACHINE .....	4
22	XBOZZ		0U5N7	33902375	DIN RAIL .....	1
23	PAOZZ	5310-00-550-5054	80205	MS15795-809	. WASHER, FLAT .....	4
24	PAOZZ	5310-00-209-1239	96906	MS35335-60	. WASHER, LOCK .....	4
25	PAOZZ	5305-00-579-3513	96906	MS35217-55	. SCREW, MACHINE .....	4
26	PAOZZ		L0503	0103125.15	COVER, TERMINAL .....	1
27	PAOZZ		L0503	0007035.11	TERMINAL, DC .....	24
28	PAOZZ		L0503	0165113.16	TERMINAL, GROUND .....	5
29	PAOZZ		L0503	0125116.01	TERMINAL, AC .....	22
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 08 SKID  
TWPS SKID

0054 00

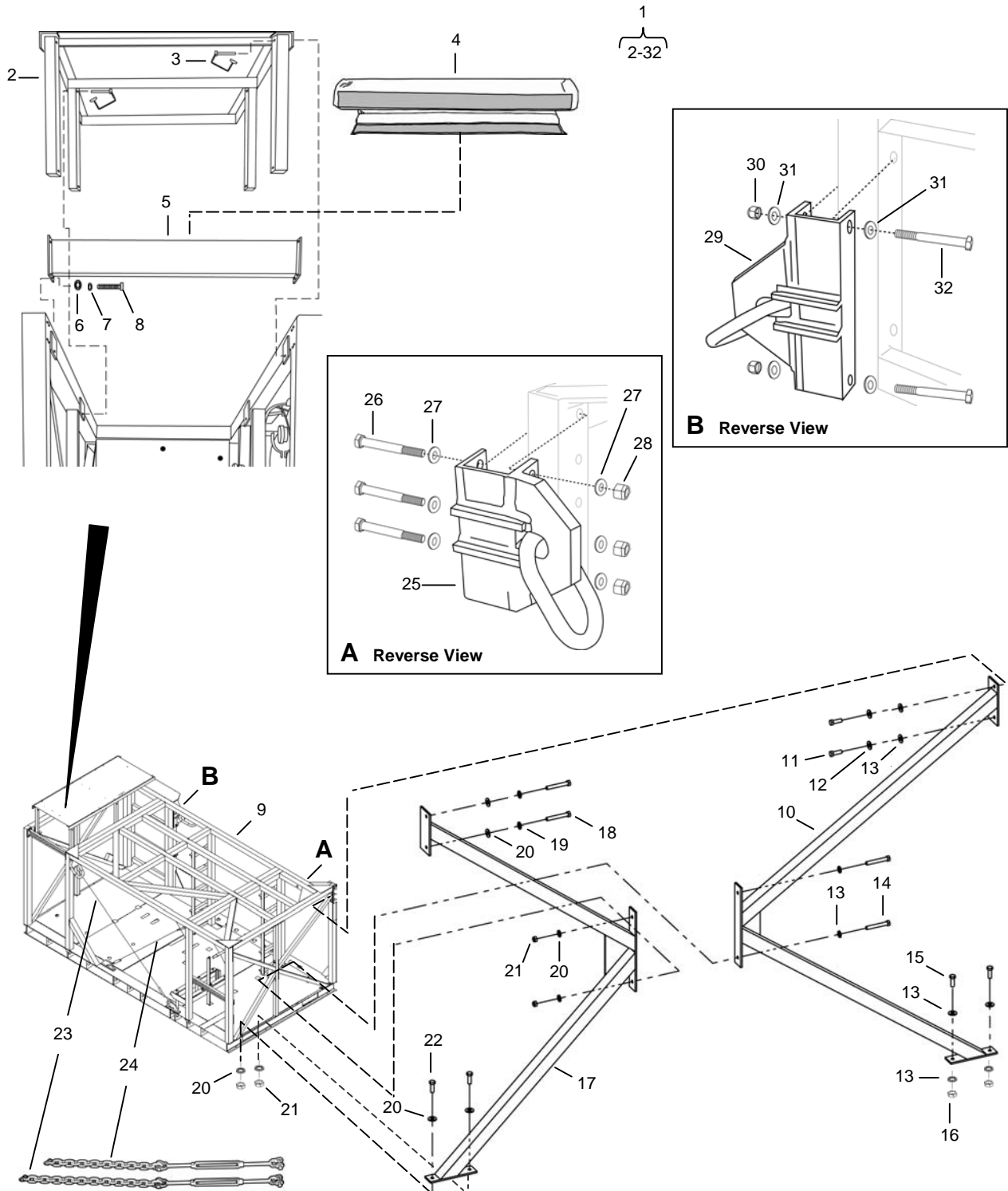


Figure 83. Marine Corps TWPS Skid.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 08 SKID ASSEMBLY  
REPAIR PARTS LIST**

**0054 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 08 SKID FIGURE 83 MARINE CORPS TWPS SKID						
1	XBOFF		0U5N7	33908027	SKID ASSEMBLY.....	1
2	PAOZZ		0U5N7	33901043	. ROOF, OPERATION STATION .....	1
3	PAOZZ		39428	98404A460	. PIN, QUICK RELEASE .....	4
4	PAOZZ		0U5N7	33905061	. PAD, OPERATION STATION SUPPORT BEAM.....	1
5	XBOFF		0U5N7	33901194	. HEADER SUPPORT .....	1
6	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	8
7	PAOZZ	5310-00-180-0277	80205	MS35333-76	. . WASHER, LOCK .....	8
8	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, CAP, HEX .....	8
9	XBOFF		0U5N7	33908015	. FRAME .....	1
10	XBOFF		0U5N7	33901011	. END SECTION 1 .....	1
11	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, CAP, HEX .....	2
12	PAOZZ	5310-00-180-0277	80205	MS35333-76	. . WASHER, LOCK .....	2
13	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	8
14	PAOZZ	5305-00-879-8351	96906	MS35307-371	. . SCREW, CAP, HEX .....	2
15	PAOZZ	5305-00-717-5467	96906	MS35307-362	. . SCREW, CAP, HEX .....	2
16	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. . NUT, SELF-LOCKING .....	2
17	XBOFF		0U5N7	33901012	. END SECTION 2 .....	1
18	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, CAP, HEX .....	2
19	PAOZZ	5310-00-180-0277	80205	MS35333-76	. . WASHER, LOCK .....	2
20	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	8
21	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. . NUT, SELF-LOCKING .....	4
22	PAOZZ	5305-00-717-5467	96906	MS35307-362	. . SCREW, CAP, HEX .....	2
23	XBOZZ		0U5N7	33901190-1	. CHAIN, TRANSPORT .....	1
24	XBOZZ		0U5N7	33901190-2	. CHAIN, TRANSPORT .....	1
25	XBOZZ		0U5N7	33901041	. TIEDOWN .....	1
26	PAOZZ	5305-00-923-2593	80205	MS35307-477	. . SCREW, CAP, HEX .....	3
27	PAOZZ	5310-00-614-3505	80205	MS15795-820	. . WASHER, FLAT .....	6
28	PAOZZ		1UGP2	77866	. . NUT, SELF-LOCKING, HEX .....	3
29	XBOZZ		0U5N7	33901040	. TIEDOWN .....	1
30	PAOZZ		1UGP2	77866	. . NUT, SELF-LOCKING, HEX .....	2
31	PAOZZ	5310-00-614-3505	80205	MS15795-820	. . WASHER, FLAT .....	4
32	PAOZZ	5305-00-923-2593	80205	MS35307-477	. . SCREW, CAP, HEX .....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 08 SKID  
TWPS SKID

0054 00

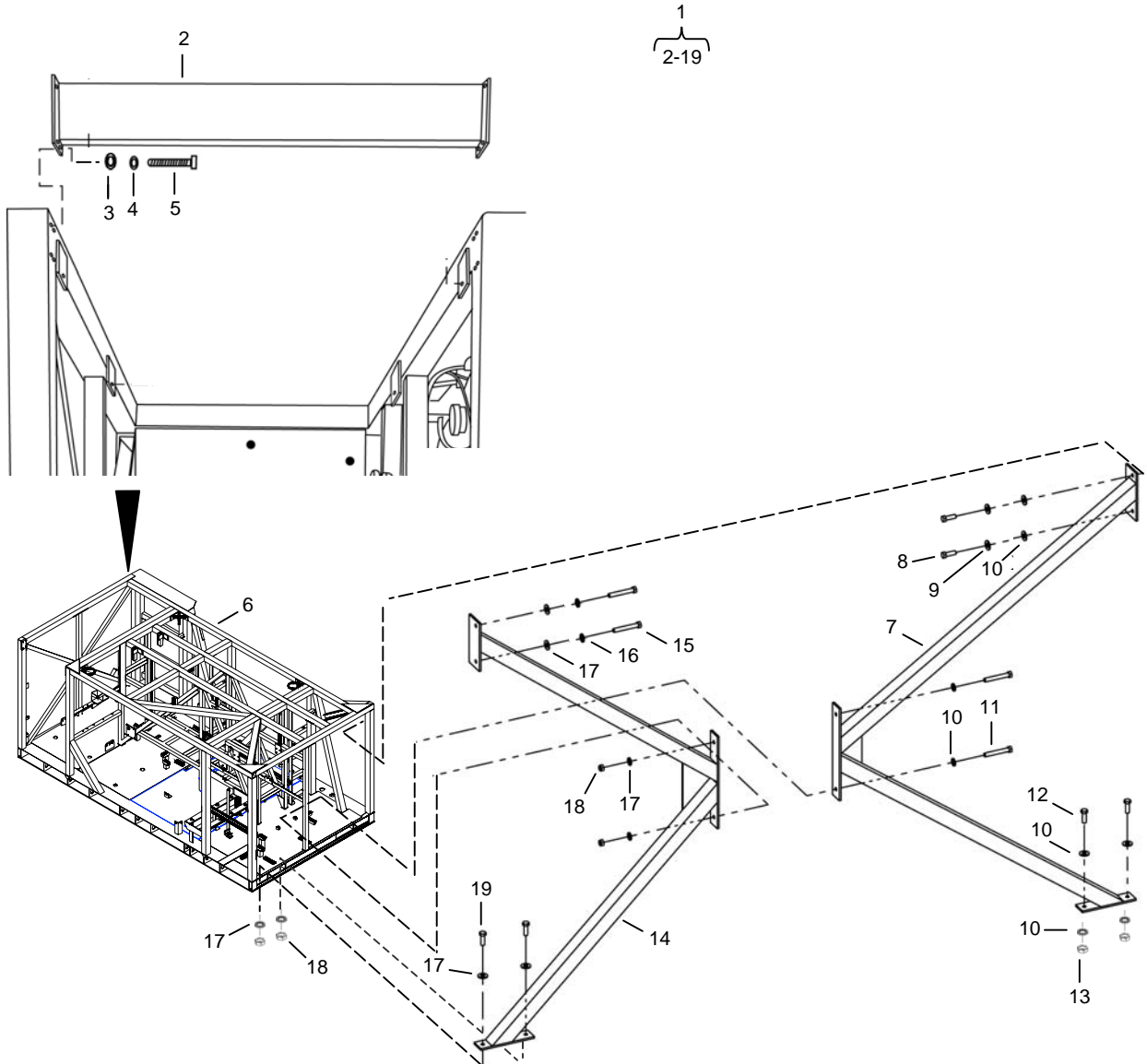


Figure 84. Army TWPS Skid Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 08 SKID ASSEMBLY  
REPAIR PARTS LIST**

**0054 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 08 SKID FIGURE 84 ARMY TWPS SKID ASSEMBLY						
1	XBOFF		0U5N7	33901198	SKID ASSEMBLY.....	1
2	XBOFF		0U5N7	33901194	. HEADER SUPPORT .....	1
3	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	8
4	PAOZZ	5310-00-180-0277	80205	MS35333-76	. . WASHER, LOCK .....	8
5	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, CAP, HEX .....	8
6	XBOFF		0U5N7	33901014	. FRAME .....	1
7	XBOFF		0U5N7	33901011	. END SECTION 1 .....	1
8	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, CAP, HEX .....	2
9	PAOZZ	5310-00-180-0277	80205	MS35333-76	. . WASHER, LOCK .....	2
10	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	8
11	PAOZZ	5305-00-879-8351	96906	MS35307-371	. . SCREW, CAP, HEX .....	2
12	PAOZZ	5305-00-717-5467	96906	MS35307-362	. . SCREW, CAP, HEX .....	2
13	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. . NUT, SELF-LOCKING .....	2
14	XBOFF		0U5N7	33901012	. END SECTION 2 .....	1
15	PAOZZ	5305-00-576-5417	80205	MS35307-360	. . SCREW, CAP, HEX .....	2
16	PAOZZ	5310-00-180-0277	80205	MS35333-76	. . WASHER, LOCK .....	2
17	PAOZZ	5310-00-773-7618	80205	MS15795-814	. . WASHER, FLAT .....	8
18	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. . NUT, SELF-LOCKING .....	4
19	PAOZZ	5305-00-717-5467	96906	MS35307-362	. . SCREW, CAP, HEX .....	2
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 09 NBC SYSTEM  
NBC TANK

0055 00

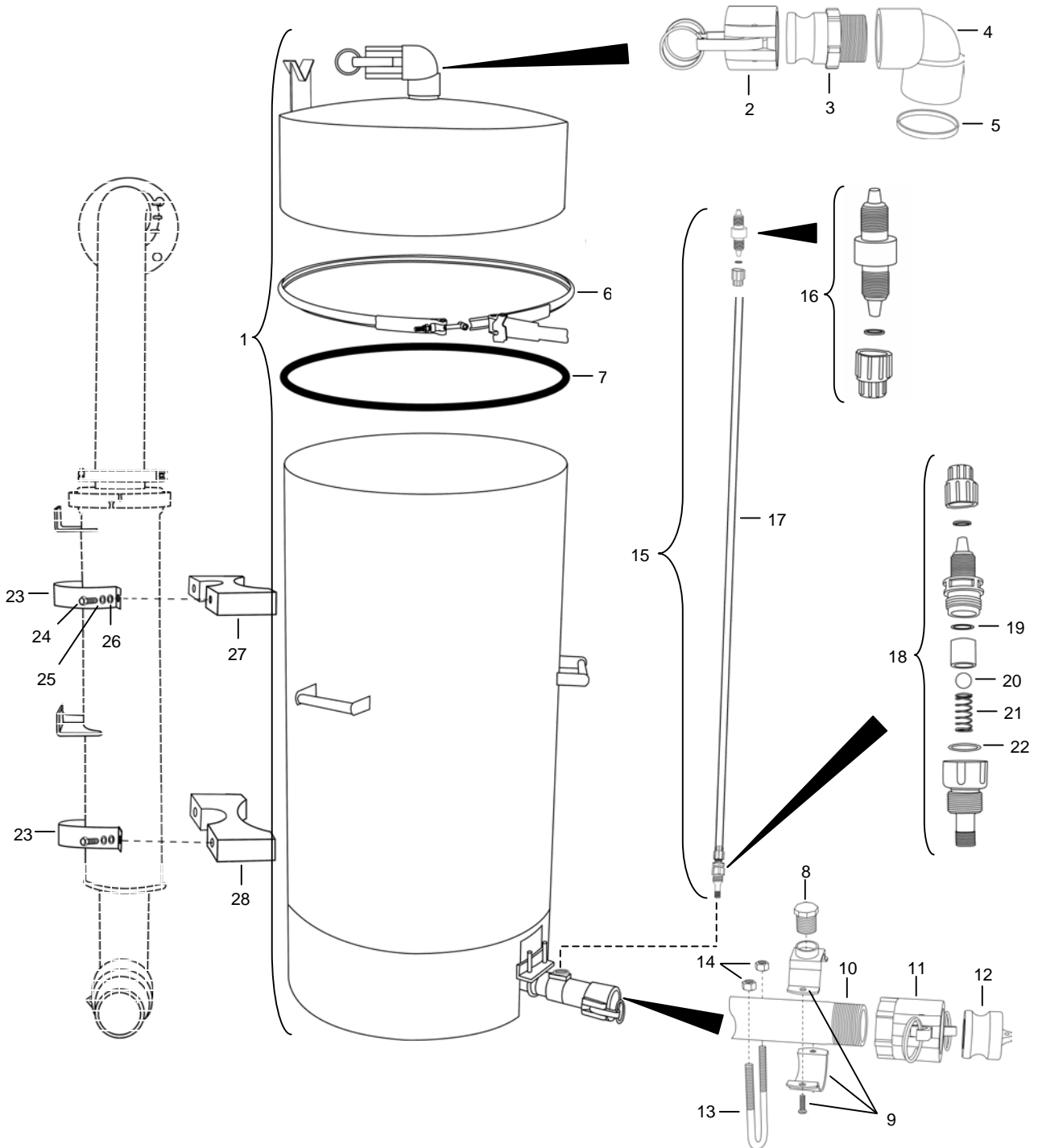


Figure 85. NBC Tank.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 09 NBC SYSTEM  
NBC TANK  
REPAIR PARTS LIST**

**0055 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 09 NBC SYSTEM FIGURE 85 NBC TANK						
1	PBOOO	4230-01-526-1138	0EXU3	732-D-08057	ASSY, NBC TANK .....	1
2	PAOZZ		33813	15V-FDAPOLY	. CAP, PROTECTIVE .....	1
3	PAOZZ	4730-01-526-3057	33813	15F-FDAPOLY	. ADAPTER .....	1
4	PAOZZ	4730-01-526-1172	0EXU3	859-10413-000	. ELBOW .....	1
5	PAOZZ	5330-01-526-1178	0EXU3	853-09967-000	. GASKET .....	1
6	PAOZZ	5340-01-526-3069	0EXU3	816-07758-000	. V-BAND, OVER CENTER .....	1
7	PAOZZ	5331-01-526-1230	0EXU3	853-09958-000	. O-RING .....	1
8	PAOZZ	5340-01-526-1232	39428	4596K73	. PLUG .....	1
9	PAOZZ	5340-01-526-3329	0EXU3	845-08907-000	. SPLIT CONNECTOR .....	1
10	PAOZZ	4710-01-526-3333	02808	3566	. PIPE .....	1
11	PAOZZ	4730-01-526-3339	33813	15B-FDAPOLY	. COUPLER .....	1
12	PAOZZ		33813	15A-FDAPOLY	. PLUG, DUST .....	1
13	PAOZZ	5306-01-526-1461	0EXU3	841-08667-000	. U-BOLT .....	1
14	PAOZZ	5310-00-989-5956	96906	MS35691-19	. . NUT, PLAIN, HEX.....	2
15	PBOZZ	4720-01-526-1202	0U5N7	33901240	NBC INJECTOR ASSY .....	1
16	PBOZZ	4730-01-526-3306	3A6H1	N-CPL	. CONNECTOR, TUBE .....	1
17	MOOZZ	4720-01-352-6920	62866	10342	. TUBING, NONMETALLIC .....	1
					(CUT TO LENGTH FROM BULK)	
18	PBOOO		62866	38026	. ASSEMBLY, INJECTOR/CHECK VALVE.....	1
19	PAOZZ		62866	36107	. . WASHER, FLAT .....	1
					(PART OF KIT PN RPM/390-391)	
20	PAOZZ	4820-01-323-7325	62866	10038	. . BALL, CHECK .....	1
					(PART OF KIT PN RPM/390-391)	
21	PAOZZ		62866	37341	. . SPRING, COMPRESSION .....	1
					(PART OF KIT PN RPM/390-391)	
22	PAOZZ		62866	36103	. . O-RING (PART OF KIT PN RPM/390-391)...	1
23	XBOZZ		0U5N7	33901216	BRACKET .....	2
24	PAOZZ	5306-00-637-9675	96906	MS35307-332	BOLT, MACHINE .....	4
25	PAOZZ	5310-00-178-8631	96906	MS35333-75	WASHER, LOCK .....	4
26	PAOZZ	5310-00-625-5756	80205	MS15795-812	WASHER, FLAT .....	4
27	XBOZZ		0U5N7	33901215	BLOCK, SPACER .....	2
	PAOZZ	4320-01-526-0749	62866	RPM/390-391	KIT, REPAIR.....	1
					..... BALL, CHECK (1) – 19	
					..... O-RING (1) – 21	
					..... SPRING, COMPRESSION (1) – 20	
					..... WASHER, FLAT (1) – 18	
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 10 NBC SURVIVABILITY SYSTEM  
NBC SURVIVABILITY SYSTEM

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0056 00

THERE ARE NO REPAIRABLE COMPONENTS  
IN THE NBC SURVIVABILITY SYSTEM

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**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 11 COLD WEATHER SYSTEM  
SPACE HEATER  
REPAIR PARTS LIST**

**0057 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 11 COLD WEATHER SYSTEM FIGURE 86 SPACE HEATER						
1	PBOZZ	5930-01-526-9742	92878	CAH-134-1	THERMOSTAT, HEATER .....	1
2	PBOZZ		92878	CAH-EUR-113-2	FAN .....	1
3	XBOOO		92878	B-200	ASSEMBLY, BURNER HEAD .....	1
4	PBOZZ	4530-01-526-3009	92878	B-201	. NOZZLE, OIL BURNER .....	1
5	PBOZZ	5310-01-526-3012	92878	B-202	. WASHER, FLAT .....	2
6	PBOZZ	5360-01-526-3087	92878	B-203	. SPRING, NOZZLE SEAL .....	1
7	PBOZZ	2920-01-526-3093	92878	B-207	. SPARK PLUG .....	1
8	PAOZZ	5305-01-506-3425	39428	91675A353	. SCREW, SELF-DRILLING .....	5
9	PBOZZ	5980-01-526-9726	92878	CAH-112-2	SWITCH, OPTOELECTRONIC .....	1
10	PBOZZ	4330-01-526-3591	92878	CAH-108-2	FILTER, FUEL.....	1
11	PBOZZ	4130-01-526-3004	92878	M-103	FILTER ELEMENT, OUTPUT AIR .....	1
12	PBOZZ	4130-01-526-3003	92878	M-104	FILTER ELEMENT, INTAKE AIR .....	1
13	PBOZZ	6105-01-526-9675	92878	53485	ASSEMBLY, PUMP/MOTOR .....	1
14	PAOZZ	5310-01-526-9695	92878	CAH-139 (D)	. NUT, SELF-LOCKING, HEX.....	2
15	PBOZZ	5950-01-526-3578	92878	CAH-107-1	TRANSFORMER (WITH SPARK PLUG WIRE) ..	1
16	PAOZZ	5305-00-211-8193	96906	MS51849-54	. SCREW, MACHINE .....	2
17	PAOZZ	5305-00-211-8193	96906	MS51849-54	SCREW, MACHINE .....	3
18	PBOZZ	5945-01-526-2990	92878	CAH-114 (D)	RELAY .....	1
19	PBOZZ	4820-01-526-9722	92878	CAH-118-4	ASSEMBLY, SAFETY CONTROL .....	1
20	PAOZZ	5305-00-211-8193	96906	MS51849-54	. SCREW, MACHINE .....	2
21	PBOZZ	5930-01-526-2999	92878	CAH-124-6	SWITCH, THERMOSTATIC .....	1
22	PAOZZ	5305-00-211-8193	96906	MS51849-54	. SCREW, MACHINE .....	2
23	PBOZZ	6150-01-526-9665	92878	CAH-133-3	CABLE ASSEMBLY, POWER .....	1
24	PBOZZ	4520-01-526-9670	92878	CAH-132	STACK EXTENSION .....	1
25	PAOZZ	5310-01-526-9748	92878	CAH-139	NUT, SELF-LOCKING, HEX .....	1
26	PAOZZ	5310-01-526-9777	92878	CAH-138-1	WASHER, FLAT .....	2
27	PAOZZ	5305-01-526-9797	92878	CAH 137-1	SCREW, CAP, HEX .....	1
28	PAOZZ	5305-00-211-8193	96906	MS51849-54	SCREW, MACHINE .....	3
29	PBOZZ	2540-01-526-9723	92878	53504	CONTROL BOX ASSEMBLY .....	1
30	PAOZZ	5305-00-211-8193	96906	MS51849-54	. SCREW, MACHINE .....	4
31	PAOZZ	5310-00-765-3197	96906	MS27183-41	. WASHER, FLAT .....	4
32	PBOZZ	5340-01-526-9700	92878	53510	CAP, FILLER OPENING .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 11 COLD WEATHER SYSTEM  
GENERAL PURPOSE TRANSFORMER

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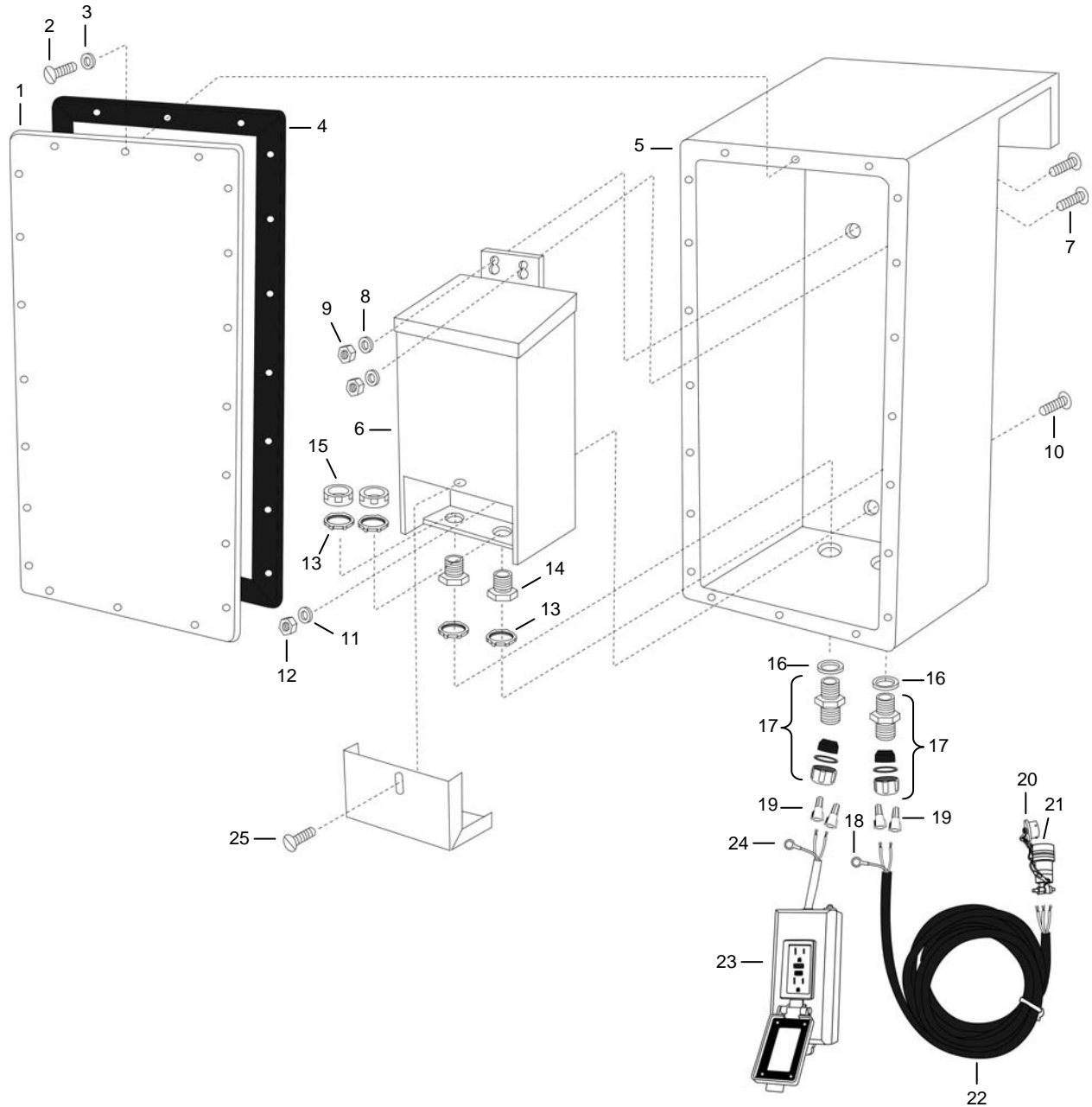


Figure 87. General Purpose Transformer.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 11 COLD WEATHER SYSTEM  
GENERAL PURPOSE TRANSFORMER  
REPAIR PARTS LIST**

**0058 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 11 COLD WEATHER SYSTEM FIGURE 87 GENERAL PURPOSE TRANSFORMER						
1	PAOZZ	5340-01-527-0186	0U5N7	33901328	COVER, ENCLOSURE .....	1
2	PAOZZ	5305-00-059-4862	96906	MS35216-27	. SCREW .....	20
3	PAOZZ	5310-00-880-5967	96906	MS15795-806	. WASHER, FLAT .....	20
4	MOOZZ		39428	8645K12	STRIP, RUBBER .....	4
(MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED)						
5	XBOZZ		0U5N7	33901327	ENCLOSURE, TRANSFORMER .....	1
6	PAOZZ	5950-01-526-9797	05NM0	TF-2-17439-S	TRANSFORMER .....	1
7	PAOZZ	5305-00-059-8504	96906	MS35216-71	. SCREW, MACHINE .....	2
8	PAOZZ	5310-00-582-5677	96906	MS15795-810	. WASHER, FLAT .....	2
9	PAOZZ	5310-00-929-1807	96906	MS51922-2	. NUT, SELF LOCKING .....	2
10	PAOZZ	5305-00-059-8597	96906	MS35217-59	. SCREW, MACHINE .....	1
11	PAOZZ	5310-01-253-3717	96096	MS15795-847	. WASHER, FLAT .....	1
12	PAOZZ	5310-00-274-8887	96906	MS20365-C1032A	. NUT, SELF LOCKING .....	1
13	PAOZZ	5975-00-152-1075	56501	141	LOCKNUT, ELECTRICAL .....	4
14	PAOZZ	5975-00-234-6779	03743	BBU50	BUSHING, ELECTRICAL .....	2
15	PAOZZ	5975-00-577-8518	56501	1942	CHASE NIPPLE, CONDUIT .....	2
16	PAOZZ	5331-00-588-0892	56501	5262	SEALING RING .....	2
17	PAOZZ	5975-00-296-1669	56501	2521	BOX CONNECTOR, ELECTRICAL .....	2
18	PAOZZ	5940-00-143-4771	06383	PN18-10R	TERMINAL, LUG .....	1
19	PAOZZ	5940-01-512-4481	45152	3427930	SPLICE, CONDUCTOR .....	5
20	PAOZZ	5935-01-138-6461	96906	MS3180-12CA	COVER, ELECTRICAL CONNECTOR .....	1
21	PAOZZ	5935-00-926-3090	96906	MS3116J12-3P	CONNECTOR, PLUG, ELECTRICAL .....	1
22	XBOZZ		03005	SOOW 18/3	CABLE, ELECTRIC .....	1
23	PAOZZ	6150-01-526-3020	0U5N7	33903048	OUTLET, GFCI .....	1
24	PAOZZ	5940-01-518-3023	06383	PN10-10R-L	TERMINAL, LUG .....	1
25	PAOZZ	5305-00-984-4988	80205	MS35206-228	SCREW, MACHINE .....	1
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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 11 COLD WEATHER SYSTEM  
ICE INTAKE STRAINER AND HEATING BLANKETS

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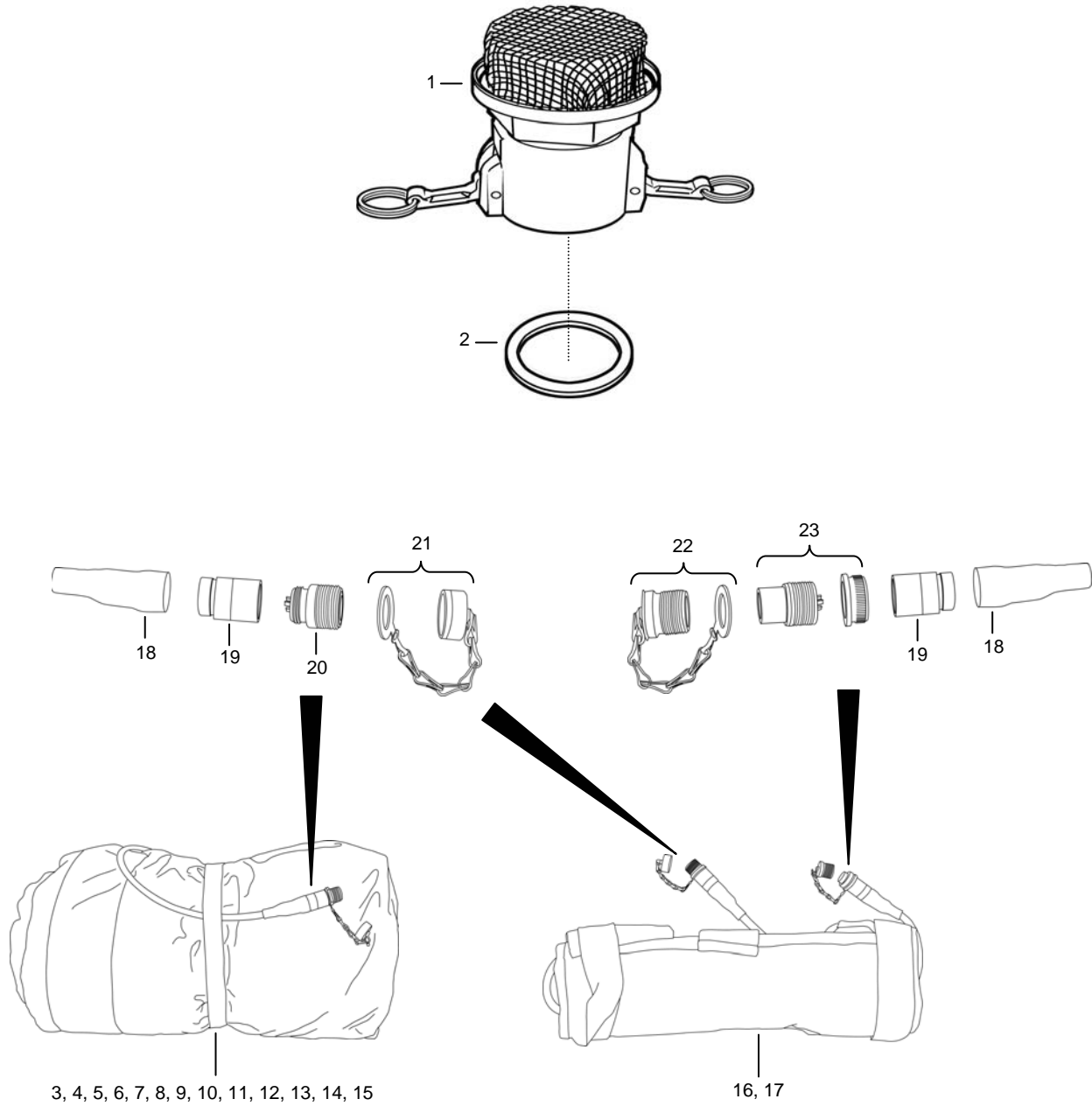


Figure 88. Ice Intake Strainer and Heating Blankets.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 11 COLD WEATHER SYSTEM  
ICE INTAKE STRAINER AND HEATING BLANKETS  
REPAIR PARTS LIST**

**0059 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 11 COLD WEATHER SYSTEM FIGURE 88 ICE INTAKE STRAINER AND HEATING BLANKETS						
1	XBOOO		0U5N7	33901172	STRAINER, ICE .....	1
2	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET .....	1
3	PBOOO	4540-01-526-3346	0U5N7	33901126-2	HEAT BLANKET ASSEMBLY (F01-1) .....	1
4	PBOOO	4540-01-526-3347	0U5N7	33901126-3	HEAT BLANKET ASSEMBLY (F03-1) .....	1
5	PBOOO	4540-01-526-3348	0U5N7	33901126-4	HEAT BLANKET ASSEMBLY (F03-2) .....	3
6	PBOOO	4540-01-526-3354	0U5N7	33901203	HEAT BLANKET ASSEMBLY (F12) .....	1
7	PBOOO	4540-01-526-3355	0U5N7	33901126-6	HEAT BLANKET ASSEMBLY (F07) .....	1
8	PBOOO	4540-01-526-3472	0U5N7	33901126-7	HEAT BLANKET ASSEMBLY (P02) .....	1
9	PBOOO	4540-01-526-3474	0U5N7	33901126-8	HEAT BLANKET ASSEMBLY (P03-1) .....	2
10	PBOOO	4540-01-526-3474	0U5N7	33901126-8	(A-TWPS) HEAT BLANKET ASSEMBLY (P03-1) .....	1
11	PBOOO	4540-01-526-3475	0U5N7	33901126-9	(MC-TWPS) HEAT BLANKET ASSEMBLY (P03-2) .....	1
12	PBOOO	4540-01-526-3476	0U5N7	33901233	(A-TWPS) HEAT BLANKET ASSEMBLY (P04) .....	2
13	PBOOO	4540-01-526-3476	0U5N7	33901233	(A-TWPS) HEAT BLANKET ASSEMBLY (P04) .....	1
14	PBOOO	4540-01-526-3477	0U5N7	33901232	(MC-TWPS) HEAT BLANKET ASSEMBLY (P05) .....	4
15	PBOOO	4540-01-526-3477	0U5N7	33901232	(A-TWPS) HEAT BLANKET ASSEMBLY (P05) .....	2
16	PBOOO	4540-01-526-3345	0U5N7	33901324	(MC-TWPS) HEAT BLANKET ASSEMBLY (F01-2) .....	1
17	PBOOO	4540-01-526-3481	0U5N7	33901191	HEAT BLANKET ASSEMBLY (A-02) .....	1
18	PAOZZ	5970-01-071-8874	75037	313D253-1AL	INSULATION SLEEVE .....	1
19	PAOZZ	5935-01-526-2889	06324	311BS002B1404A	(ALL HEAT BLANKETS) ADAPTER, CABLE CLAMP .....	1
20	PAOZZ	5935-00-201-6655	92878	4175	(ALL HEAT BLANKETS) CONNECTOR, PLUG .....	1
21	PAOZZ	5340-01-526-2881	77820	10-329391-14	(ALL HEAT BLANKETS) COVER, ELECTRICAL .....	1
22	PAOZZ	5340-01-526-2890	77820	10-329392-14	(ALL HEAT BLANKETS) COVER, ELECTRICAL .....	1
23	PAOZZ	5935-01-122-4761	96906	MS3451W145-7S	(FO1-2 AND A-02 HEAT BLANKETS ONLY) CONNECTOR, PLUG .....	1
					(FO1-2 AND A-02 HEAT BLANKETS ONLY)	
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 12 CLEANING WASTE STORAGE SYSTEM  
ADAPTORS

0060 00

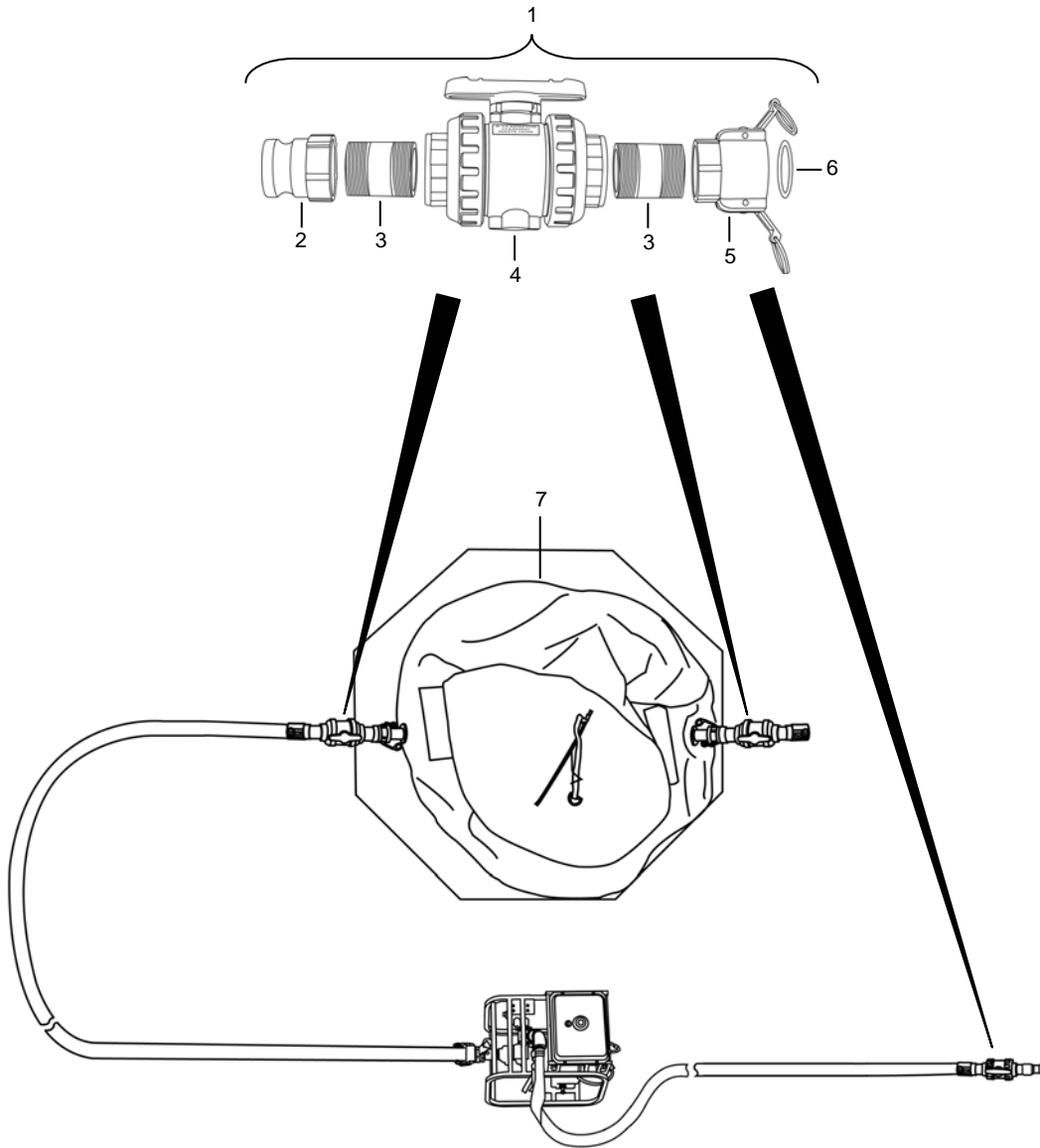


Figure 89. Cleaning Waste Storage System Adaptors.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 12 CLEANING WASTE STORAGE SYSTEM  
ADAPTORS  
REPAIR PARTS LIST**

**0060 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 12 CLEANING WASTE STORAGE SYSTEM FIGURE 89 CLEANING WASTE STORAGE SYSTEM ADAPTORS	
1	PBOOO	4820-01-526-1587	0U5N7	33901187	ASSY, ADAPTOR A-16 .....	3
2	PAOZZ	4730-01-526-4644	33813	20A-FDAPOLY	. ADAPTER .....	1
3	PAOZZ	4730-01-526-3574	1PHN1	887C-030	. NIPPLE, PIPE .....	2
4	PBOZZ	4820-01-526-3595	1PHN1	1613020	. VALVE, BALL .....	1
5	PAOOO	4730-01-526-5253	33813	20D-FDAPOLY	. COUPLER .....	1
6	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	1
7	PBOOO	5340-01-527-0341	05YK6	RCF-1.5K-W- OT-Z-WW	TANK, FABRIC, COLLAPSIBLE .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 13 OCEAN INTAKE STRUCTURE SYSTEM  
HOSE ASSEMBLIES AND FITTINGS

0061 00

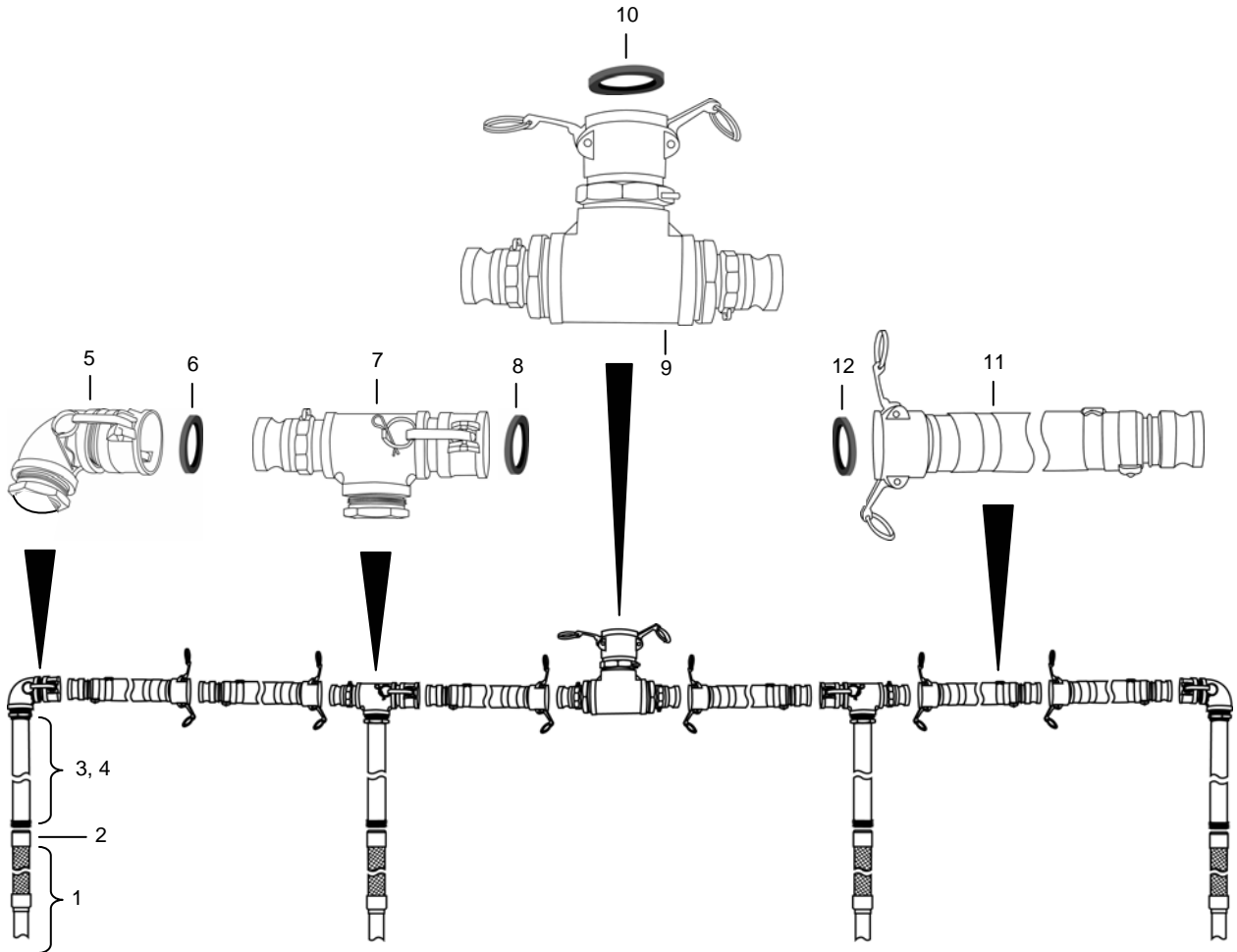


Figure 90. Hose Assemblies and Fittings.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 13 OCEAN INTAKE STRUCTURE SYSTEM  
HOSE ASSEMBLIES AND FITTINGS  
REPAIR PARTS LIST**

**0061 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 13 OCEAN INTAKE STRUCTURE SYSTEM FIGURE 90 HOSE ASSEMBLIES AND FITTINGS						
1	PBOZZ	4710-01-526-3796	0EXU3	507-12400	CPVC PIPE ASSY ..... (WELLPOINT AND BACKWASH VALVE)	4
2	PBOZZ	4730-01-526-3540	0EXU3	858-07694-000	COUPLING, PIPE .....	4
3	PBOZZ	4730-01-526-3571	0EXU3	857-08404-000	NIPPLE, PIPE (60-IN. RISER) .....	8
4	PBOZZ	4730-01-526-3568	0EXU3	857-08405-000	NIPPLE, PIPE (24-IN. RISER).....	4
5	PBOOO	4730-01-526-3536	0EXU3	507-12433	ELBOW PIPE ASSY .....	2
6	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET, 2-IN. ....	1
7	PBOOO	4730-01-526-3530	0EXU3	507-12431	TEE PIPE ASSY .....	2
8	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET, 2-IN. ....	1
9	PBOOO	4730-01-526-3534	0EXU3	507-12430	TEE PIPE ASSY .....	1
10	PAOZZ	5330-01-349-6190	33813	NW7	. GASKET, 3-IN. ....	1
11	PBOOO	4730-01-526-5657	0EXU3	861-08399-000	HOSE ASSY .....	6
12	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET, 2-IN. ....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
EXTENDED DISTRIBUTION SYSTEM

0062 00

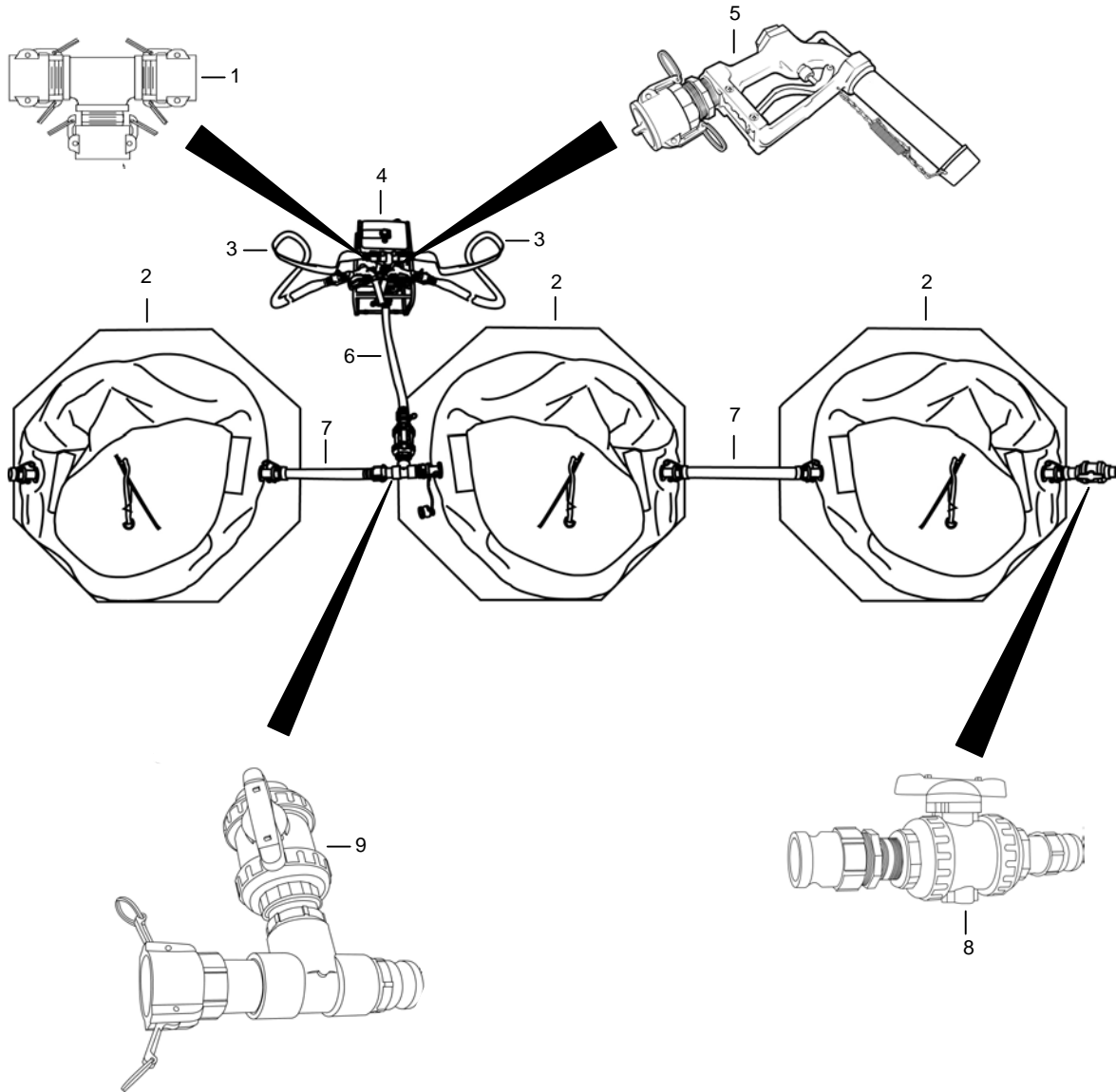


Figure 91. Extended Distribution System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
EXTENDED DISTRIBUTION SYSTEM  
REPAIR PARTS LIST**

**0062 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 14 EXTENDED DISTRIBUTION SYSTEM	
					FIGURE 91 EXTENDED DISTRIBUTION SYSTEM	
1	PBOOO	4820-01-526-3498	0U5N7	33901094	ASSY, ADAPTOR A08 .....	1
2	PBOOO	5430-01-470-7380	05YK6	RCF-3K-W-OT	TANK, FABRIC, COLLAPSIBLE .....	3
3	PBOOO	4720-01-526-3479	0U5N7	33901098-2	ASSY, HOSE P05 .....	2
4	XBOFF		0U5N7	33901153	ASSY, PUMP P-08 .....	1
5	PBOOO	4730-01-526-3473	0U5N7	33901103	ASSY, NOZZLE .....	2
6	PBOOO	4720-01-526-3490	0U5N7	33901099	ASSY, HOSE P04 .....	1
7	PBOOO	4720-01-526-3485	0U5N7	33901098-1	ASSY, HOSE P03 .....	2
8	PBOOO	4730-01-526-3555	0U5N7	33901093	ASSY, ADAPTOR A07 .....	1
9	PBOOO	4730-01-526-3538	0U5N7	33901171	ASSY, ADAPTOR A15 .....	1
					END OF FIGURE	

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS

0063 00

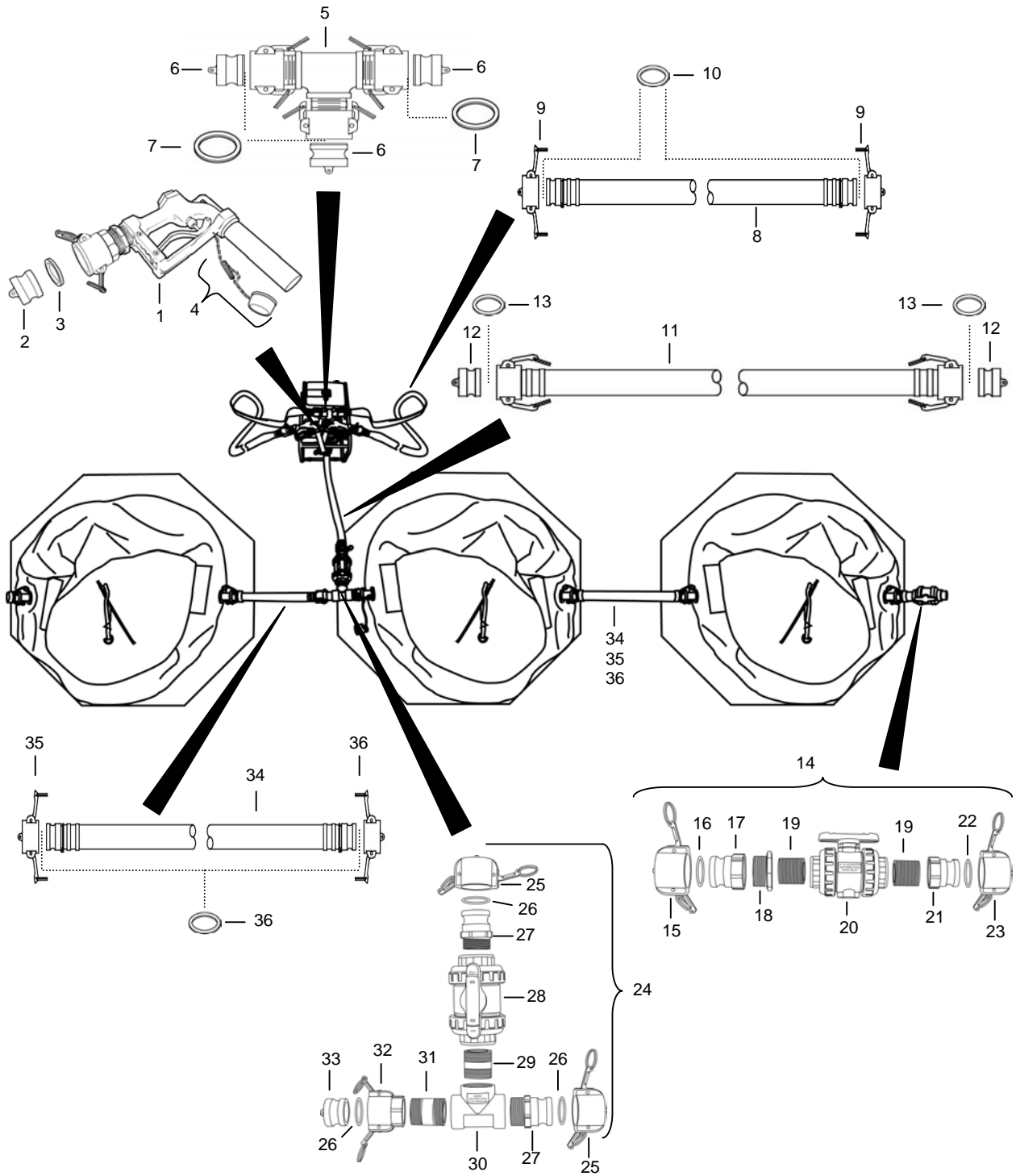


Figure 92. Extended Distribution System Hose Assemblies and Adaptors.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS  
REPAIR PARTS LIST**

**0063 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 92 EXTENDED DISTRIBUTION SYSTEM HOSE ASSEMBLIES AND ADAPTORS						
1	PBOOO	4730-01-526-3473	0U5N7	33901103	ASSY, NOZZLE .....	2
2	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	1
3	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
4	PAOZZ	5340-01-526-0722	65824	495-105-01	. CAP, PROTECTIVE .....	1
5	PBOOO	4820-01-526-3498	0U5N7	33901094	ASSY, ADAPTOR A08 .....	1
6	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	3
7	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	3
8	PBOOO	4720-01-526-3479	0U5N7	33901098-2	ASSY, HOSE P05 .....	2
9	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	2
10	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	1
11	PBOOO	4720-01-526-3490	0U5N7	33901099	ASSY, HOSE P04 .....	1
12	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	2
13	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	2
14	PBOOO	4730-01-526-3538	0U5N7	33901171	ASSY, ADAPTOR A15 .....	1
15	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	1
16	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	1
17	PAOZZ	4730-01-526-4644	33813	20A-FDAPOLY	. ADAPTER .....	1
18	PAOZZ	4730-01-526-0671	1PHN1	839-251C	. BUSHING, REDUCER .....	1
19	PAOZZ	4730-01-526-3550	1PHN1	886C-020	. NIPPLE, PIPE .....	2
20	PBOZZ		1PHN1	1613-015	. VALVE .....	1
21	PAOZZ	4730-01-526-3614	33813	15A-FDAPOLY	. ADAPTER .....	1
22	PAOZZ	5330-01-526-0670	33813	NW4	. GASKET .....	1
23	PAOOO	5340-01-526-3531	33813	15V-FDAPOLY	. CAP, PROTECTIVE .....	1
24	PBOOO	4730-01-526-3555	0U5N7	33901093	ASSY, ADAPTOR A07 .....	1
25	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	2
26	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	3
27	PAOZZ	4730-01-526-5259	33813	20F-FDAPOLY	. ADAPTER .....	2
28	PBOZZ	4820-01-526-3595	1PHN1	1613020	. VALVE, BALL .....	1
29	PAOZZ	4730-01-526-3580	1PHN1	887C-025	. NIPPLE, PIPE .....	1
30	PAOZZ	4730-01-526-5267	1PHN1	805C-020	. TEE .....	1
31	PAOZZ	4730-01-526-3574	1PHN1	887C-030	. NIPPLE, PIPE .....	1
32	PAOOO	4730-01-526-5253	33813	20D-FDAPOLY	. COUPLER .....	1
33	PAOZZ	5340-01-526-3564	33813	20W-FDAPOLY	. PLUG, PROTECTIVE .....	1
34	PBOOO	4720-01-526-3485	0U5N7	33901098-1	ASSY, HOSE P03 .....	2
35	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	. CAP, PROTECTIVE .....	2
36	PAOZZ	5330-01-349-8921	33813	NW5	. . GASKET .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

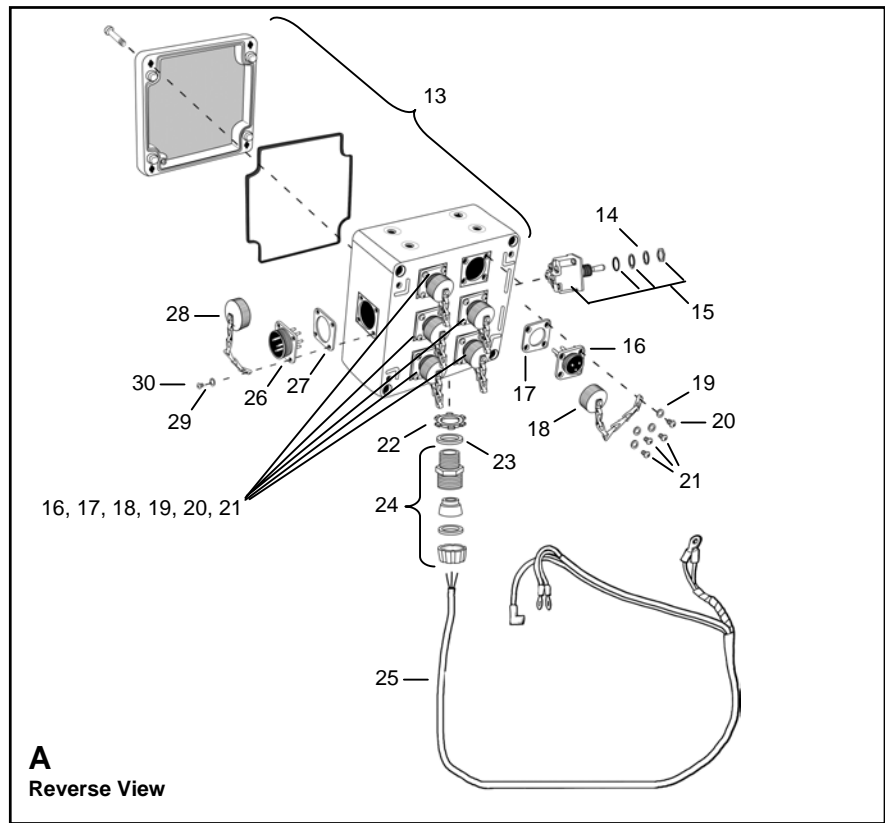
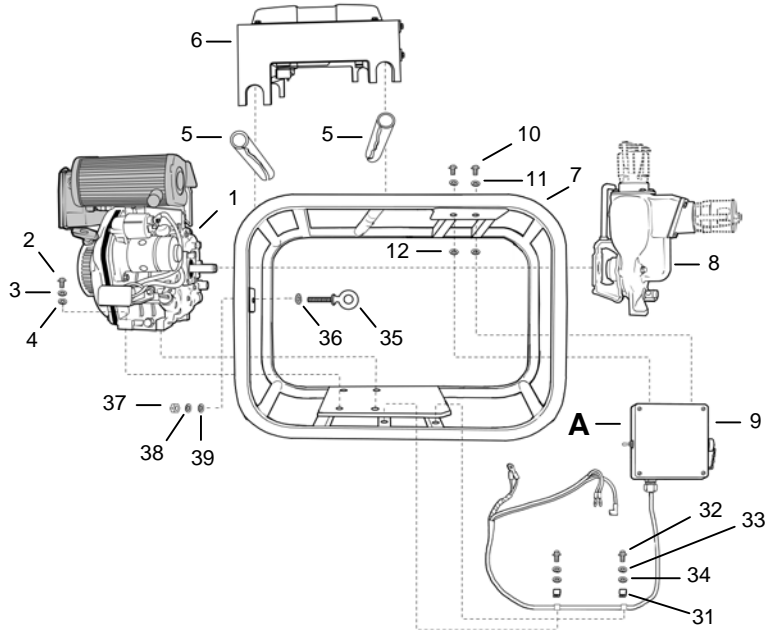


Figure 93. Diesel Engine Pump Assembly P-8.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 93 DIESEL ENGINE PUMP ASSEMBLY P-8						
1	PBOFF	2815-01-526-5038	0AK42	L48EE-DE-SFA	ENGINE, DIESEL .....	1
2	PAOZZ	5305-01-526-0747	39428	93190A628	. SCREW, CAP, HEX .....	4
3	PAOZZ	5310-00-984-7042	03670	14929	. WASHER, LOCK .....	4
4	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	4
5	MOOZZ	4720-01-166-3356	24161	28413	HOSE, NON-METALLIC .....	2
						(MAKE FROM BULK MATERIAL. CUT TO LENGTH 18 IN.)
6	XBOOO		0U5N7	33901122	FUEL TANK ASSEMBLY .....	1
7	XBOFF		0U5N7	33901017	FRAME .....	1
8	PBOOO	4320-01-526-4622	76122	33595	PUMP, CENTRIFUGAL .....	1
9	PBOOO	2910-01-526-1617	0U5N7	33901152	ASSY, JUNCTION BOX .....	1
10	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	4
11	PAOZZ	5310-01-486-6770	39428	93783A029	. WASHER, SEAL .....	4
12	PAOZZ	5331-01-420-2606	39428	90130A029	. O-RING .....	4
13	XBOZZ		0U5N7	33902421	. ENCLOSURE, ELECTRICAL .....	1
14	PAOZZ	5975-01-206-1521	91929	15PA87	. BOOT, DUST AND MOISTURE .....	1
15	PAOZZ	5930-00-660-3947	96906	MS24524-27	. SWITCH, TOGGLE .....	1
16	PAOZZ	5935-00-636-5041	96906	MS3102E14S-7S	. CONNECTOR, RECEPTACLE .....	6
17	PAOZZ	5330-00-795-0441	77820	10-40450-14	.. GASKET .....	1
18	PAOZZ	5935-01-181-6651	96906	MS25043-14DA	.. COVER, RECEPTACLE .....	1
19	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
20	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	1
21	PAOZZ	5305-00-054-5649	96906	MS51957-15	.. SCREW, MACHINE .....	3
22	PAOZZ	5975-00-152-1075	56501	141	. LOCKNUT, ELECTRICAL .....	1
23	PAOZZ	5331-00-588-0892	56501	5262	. O-RING .....	1
24	PAOZZ	5975-00-296-1669	56501	2521	. BOX CONNECTOR, ELECTRICAL .....	1
25	PBOZZ	6150-01-526-4621	0U5N7	33903051	. CABLE ASSEMBLY, POWER .....	1
26	PAOZZ	5935-01-260-9651	96906	MS3452W16S-6P	. CONNECTOR, RECEPTACLE .....	1
27	PAOZZ	5330-00-946-8344	77820	10-40450-16	.. GASKET .....	1
28	PAOZZ	5935-01-184-7188	96906	MS25043-16DA	.. COVER, RECEPTACLE .....	1
29	PAOZZ	5310-00-933-8118	80205	MS35338-135	.. WASHER, LOCK .....	4
30	PAOZZ	5305-00-054-5651	96906	MS51957-17	.. SCREW, MACHINE .....	4
31	PAOZZ		B1697	N6NY-006C-0-M	CLAMP, LOOP .....	2
32	PAOZZ	5305-00-054-6670	56161	10512677	. SCREW, MACHINE .....	2
33	PAOZZ	5310-00-535-2739	19565	100354-6	. WASHER, LOCK .....	2
34	PAOZZ	5310-00-880-5978	80205	MS15795-807	. WASHER, FLAT .....	2
35	PAOZZ	5330-01-526-4619	39428	30295T14	BOLT, EYE .....	1
36	PAOZZ	5310-00-209-0790	96906	MS35335-63	. WASHER, LOCK .....	1
37	PAOZZ	5310-00-913-8881	97403	13218E0320-239	. NUT, PLAIN, HEX .....	1
38	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT .....	1
39	PAOZZ	5310-00-984-7042	03670	14929	. WASHER, LOCK .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

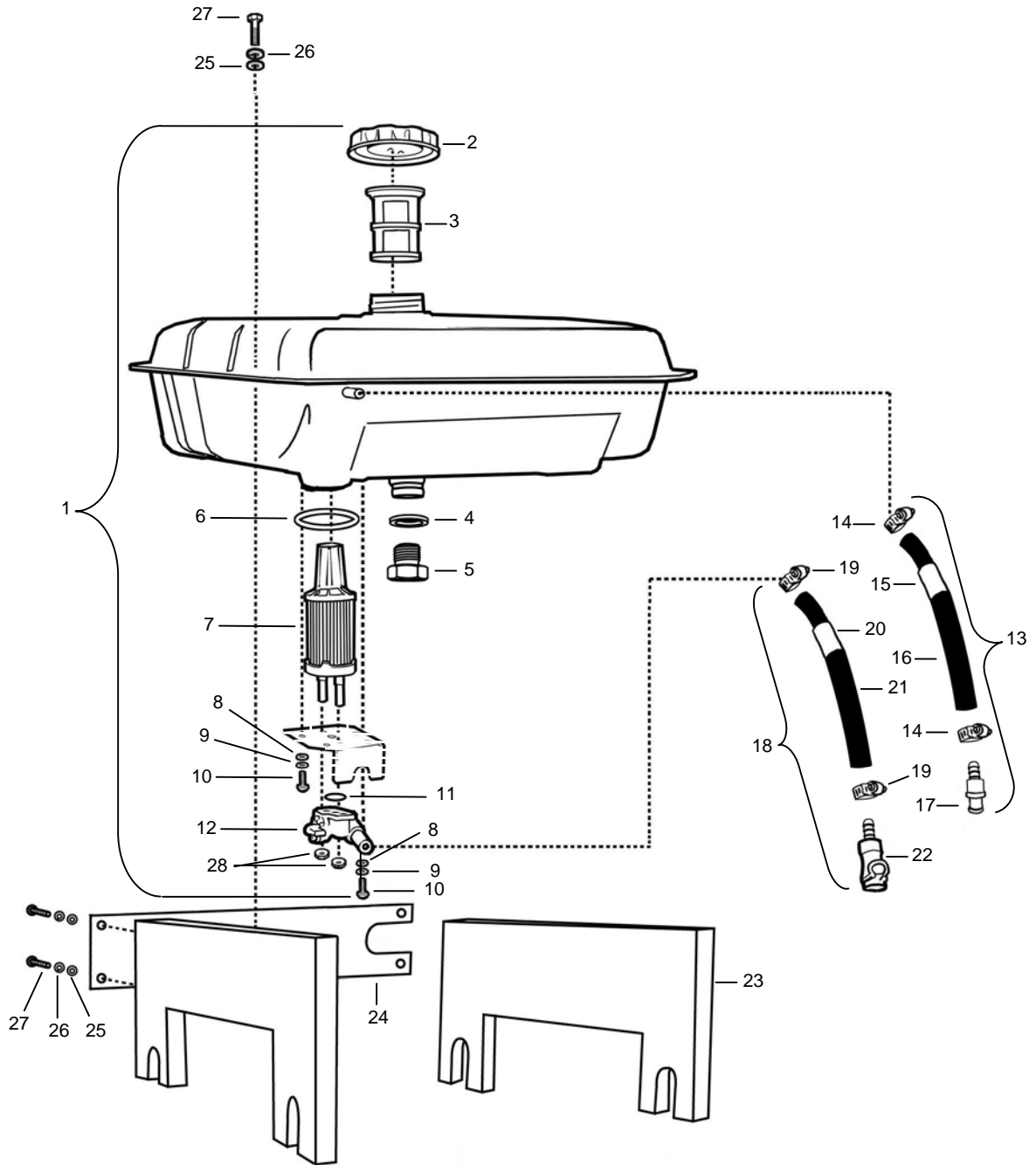


Figure 94. Fuel Tank Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 94 FUEL TANK ASSEMBLY						
1	XBOOO		0U5N7	33902453	TANK, FUEL, ENGINE .....	1
2	PBOZZ	2910-01-416-1681	0AK42	160710-55061	. CAP, FILLER OPENING .....	1
3	PAOZZ	4240-01-328-4878	0AK42	114250-55100	. FILTER, GAS .....	1
4	PAOZZ	5331-01-330-9612	0AK42	23414-120000	. GASKET .....	1
5	PAOZZ	5340-01-323-7785	0AK42	23887-120002	. PLUG, DRAIN .....	1
6	PAOZZ	5331-01-317-6284	0AK42	24311-000400	. O-RING .....	1
7	PAOZZ	2910-01-310-6566	0AK42	114250-55121	. FILTER ELEMENT .....	1
8	PAOZZ	5310-00-763-3413	80205	MS15795-847	. WASHER, FLAT .....	3
9	PAOZZ	5310-01-526-0787	39428	98449A530	. WASHER, LOCK .....	3
10	PAOZZ	5305-01-526-0785	39428	92000A318	. SCREW, MACHINE .....	3
11	PAOZZ	5331-01-325-5810	0AK42	24341-000150	. O-RING .....	1
12	PAOZZ	4820-01-323-5034	0AK42	114250-55301	. COCK, SHUTOFF .....	1
13	PBOOO	4720-01-526-0769	0U5N7	33901174-2	HOSE ASSY, RETURN .....	1
14	PAOZZ	4730-00-871-6729	19207	12273192	. CLAMP, HOSE .....	2
15	MOOZZ		39428	7856K19-YEL	. TUBING, HEAT SHRINK .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 0.1 FT.)	
16	MOOZZ	4720-00-283-6413	24161	27002	. HOSE, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 3 IN.)	
17	PAOZZ	4730-01-526-0780	62661	PLCD22004V	. COUPLING HALF, MALE .....	1
18	PBOOO	4720-01-526-0777	0U5N7	33901173-1	HOSE ASSY, SUPPLY .....	1
19	PAOZZ	4730-00-871-6729	19207	12273192	. CLAMP, HOSE .....	2
20	MOOZZ		39428	7856K19-RED	. TUBING, HEAT SHRINK .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 0.1 FT.)	
21	MOOZZ	4720-00-408-7893	24161	27004	. HOSE, NONMETALLIC .....	1
					(MAKE FROM BULK MATERIAL. CUT TO LENGTH 5.3 IN.)	
22	PAOZZ	4730-01-526-5157	62661	PLCD17006V	. COUPLING HALF, FEMALE .....	1
23	XBOZZ		0U5N7	33902553	FRAME, TANK, END .....	2
24	XBOZZ		0U5N7	33902403	FRAME, TANK, BACK .....	1
25	PAOZZ	5310-00-880-5977	80205	MS15795-811	WASHER, FLAT .....	8
26	PAOZZ		80205	MS35333-74	WASHER, LOCK .....	8
27	PAOZZ	5305-00-719-3997	96906	MS35307-303	SCREW, CAP, HEX .....	8
28	PAOZZ	5310-01-388-8826	0AK42	26366-060002	NUT, PLAIN, HEX.....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

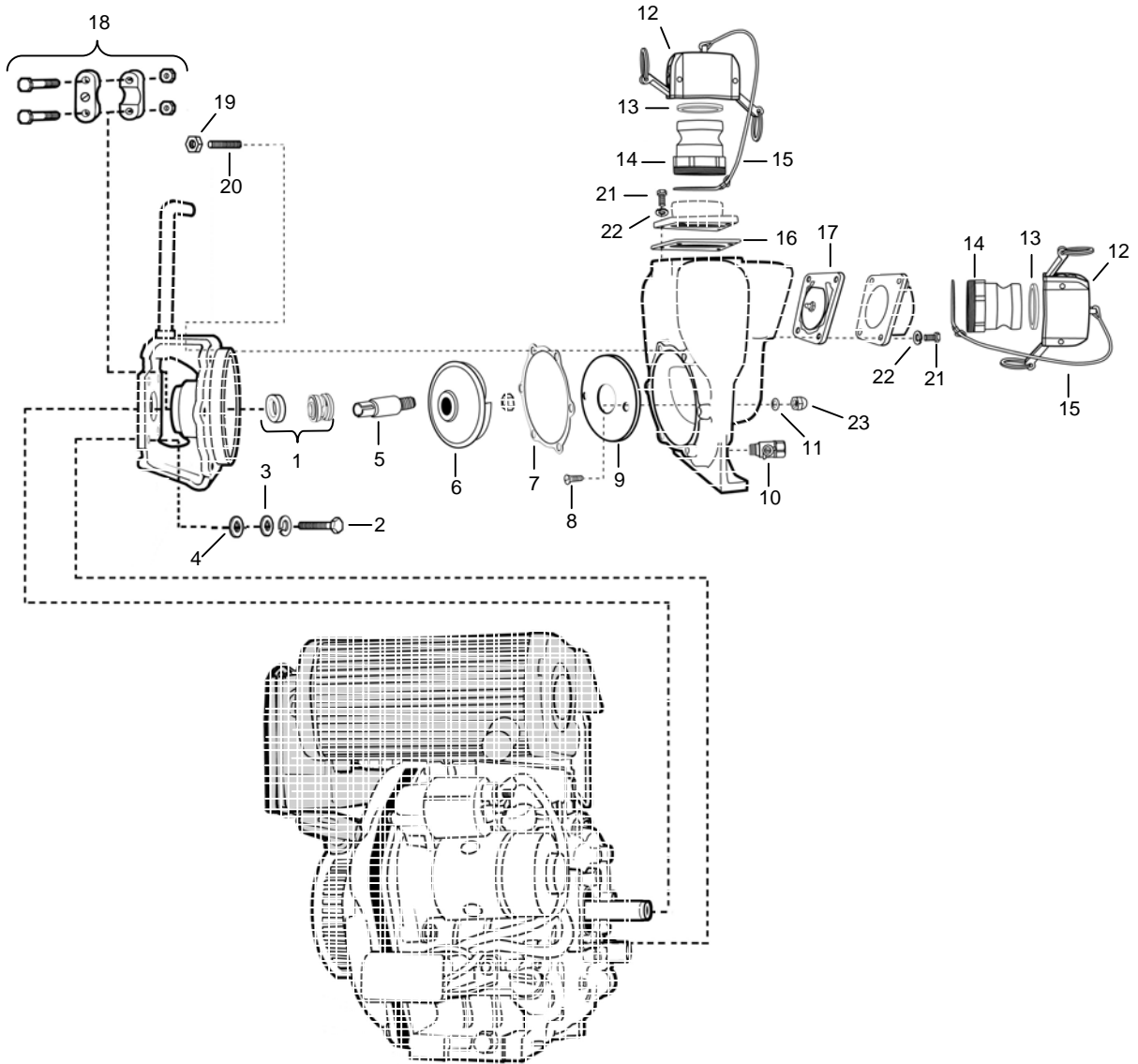


Figure 95. P-8 Centrifugal Pump.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 95 P-8 CENTRIFUGAL PUMP						
1	KFOZZ	4320-01-526-9100	76122	C31796	SEAL ASSEMBLY, PUMP ..... (PART OF KITS P/Ns 33635 AND 33636)	1
2	PAOZZ	5305-01-526-0694	39428	93635A322	SCREW, CAP, HEX .....	4
3	PAOZZ	5310-01-526-0698	39428	92153A429	WASHER, LOCK .....	4
4	PAOZZ	5310-01-526-0692	39428	90965A190	WASHER, FLAT .....	4
5	KFOZZ	3040-01-526-9102	76122	C33592	SLEEVE, DRIVE ..... (PART OF KITS P/Ns 33635 and 33636)	1
6	KFOZZ	4320-01-526-9106	76122	C22294	IMPELLER, PUMP (PART OF KIT P/N 33636) ...	1
7	KFOZZ	5330-01-132-5564	76122	22255	GASKET ..... (PART OF KITS P/Ns 33635 AND 33636)	1
8	KFOZZ	5305-01-526-9251	76122	C21249	SCREW, MACHINE (PART OF KIT P/N 33636) .	2
9	KFOZZ	4320-01-526-9224	76122	C27978	PLATE, WEAR, PUMP ..... (PART OF KIT P/N 33636)	1
10	PAOZZ	4820-01-526-0721	0U5N7	755MFZ1	VALVE, DRAIN .....	1
11	KFOZZ	5330-00-232-8436	76122	21248	GASKET (PART OF KIT P/N 33636) .....	2
12	PAOOO	5340-01-526-4624	33813	20V-FDAPOLY	CAP, PROTECTIVE .....	2
13	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
14	XBOZZ		33813	20F-SS	ADAPTER .....	2
15	PAOZZ	4010-01-526-4626	33813	C51	CHAIN, SECURITY .....	2
16	PAOZZ	5330-00-301-6486	76122	22256	GASKET .....	1
17	PAOZZ	4320-00-005-7560	76122	23022	VALVE FLAPPER, PUMP .....	1
18	PBOZZ	5340-01-526-0709	76122	34254	COUPLING CLAMP ASSEMBLY .....	1
19	PAOZZ	5310-01-175-6702	76122	21284	NUT, PLAIN, HEX .....	6
20	PAOZZ	5307-01-526-0735	76122	28059	STUD, PLAIN .....	6
21	PAOZZ	5305-01-526-0733	76122	21242	SCREW, CAP, HEX .....	8
22	PAOZZ	5310-01-238-0650	76122	21238	WASHER, LOCK .....	8
23	KFOZZ	5301-01-526-9245	76122	21237	NUT, SELF-LOCKING, CAP ..... (PART OF KIT P/N 33636)	2
	PBOZZ	5330-01-526-9098	76122	33635	KIT, SEAL REPAIR ..... .....GASKET (1) - 7 ..... SEAL ASSEMBLY, PUMP (1) - 1 ..... SLEEVE, DRIVE (1) - 5	1
	PBOZZ	4320-01-526-9104	76122	33636	KIT, PUMP OVERHAUL ..... .....GASKET (1) - 7 .....GASKET (2) - 11 ..... IMPELLER, PUMP (1) - 6 ..... NUT, SELF-LOCKING, CAP (2) - 23 ..... PLATE, WEAR, PUMP (1) - 9 ..... SCREW, MACHINE (2) - 8 ..... SEAL ASSEMBLY, PUMP (1) - 1 ..... SLEEVE, DRIVE (1) - 5	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

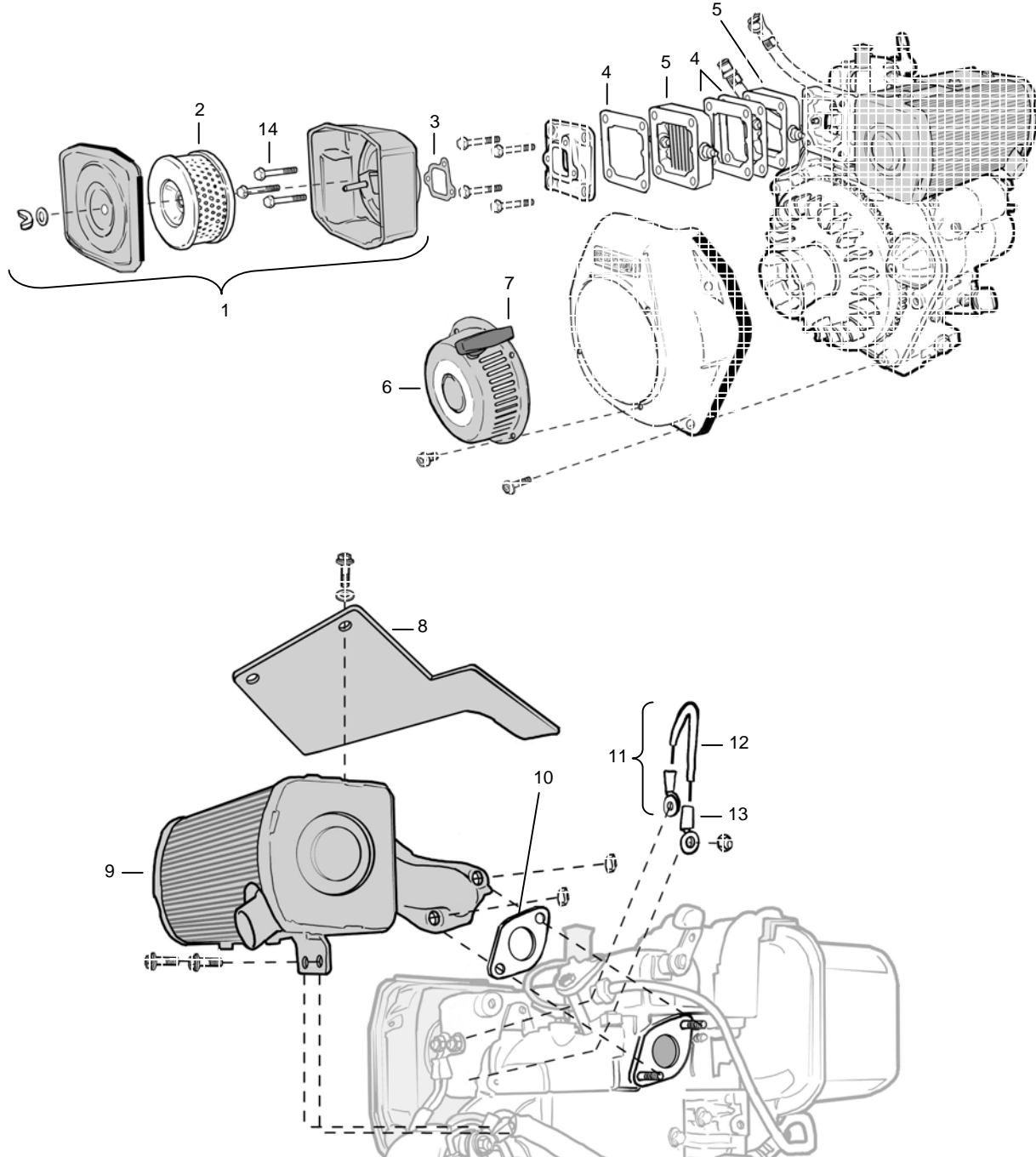


Figure 96. Air Cleaner, Hand Starter, and Muffler.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 96 AIR CLEANER, HAND STARTER, AND MUFFLER	
1	PAOZZ	2940-01-323-3289	0AK42	714250-12560	AIR CLEANER, INTAKE .....	1
2	PAOZZ	2944-01-310-4495	0AK42	114250-12581	. FILTER ELEMENT .....	1
3	PAOZZ	5330-01-526-5104	0AK42	114250-12211	GASKET .....	1
4	PAOZZ	5330-01-477-4043	0AK42	129100-77510	GASKET .....	3
5	PAOZZ	4520-01-424-6353	S4163	129400-77501	HEATING ELEMENT .....	2
6	PBOOO	2990-01-526-5116	0AK42	114260-76250	STARTER, ENGINE, HAND .....	1
7	PAOZZ	2990-01-323-1322	0AK42	160260-76620	HANDLE, STARTER .....	1
8	XBOZZ		0U5N7	33902278	SHIELD, EXHAUST .....	1
9	PAOZZ	4330-01-323-3288	0AK42	114250-13521	PNEUMATIC MUFFLER .....	1
10	PAOZZ	5330-01-526-5105	0AK42	114250-13201	GASKET .....	1
11	XBOZZ		0U5N7	33903012-2	JUMPER, ELECTRICAL .....	1
12	MOOZZ		03005	MTW-10-GRN	. WIRE, ELECTRICAL (MAKE FROM BULK .... MATERIAL. CUT TO LENGTH 8 IN.)	1
13	PAOZZ	5940-00-143-4777	06383	PN10-14R	. TERMINAL LUG .....	2
14	PAOZZ	5305-01-526-9251	0AK42	26106-080652	BOLT, MACHINE .....	3
					END OF FIGURE	





TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

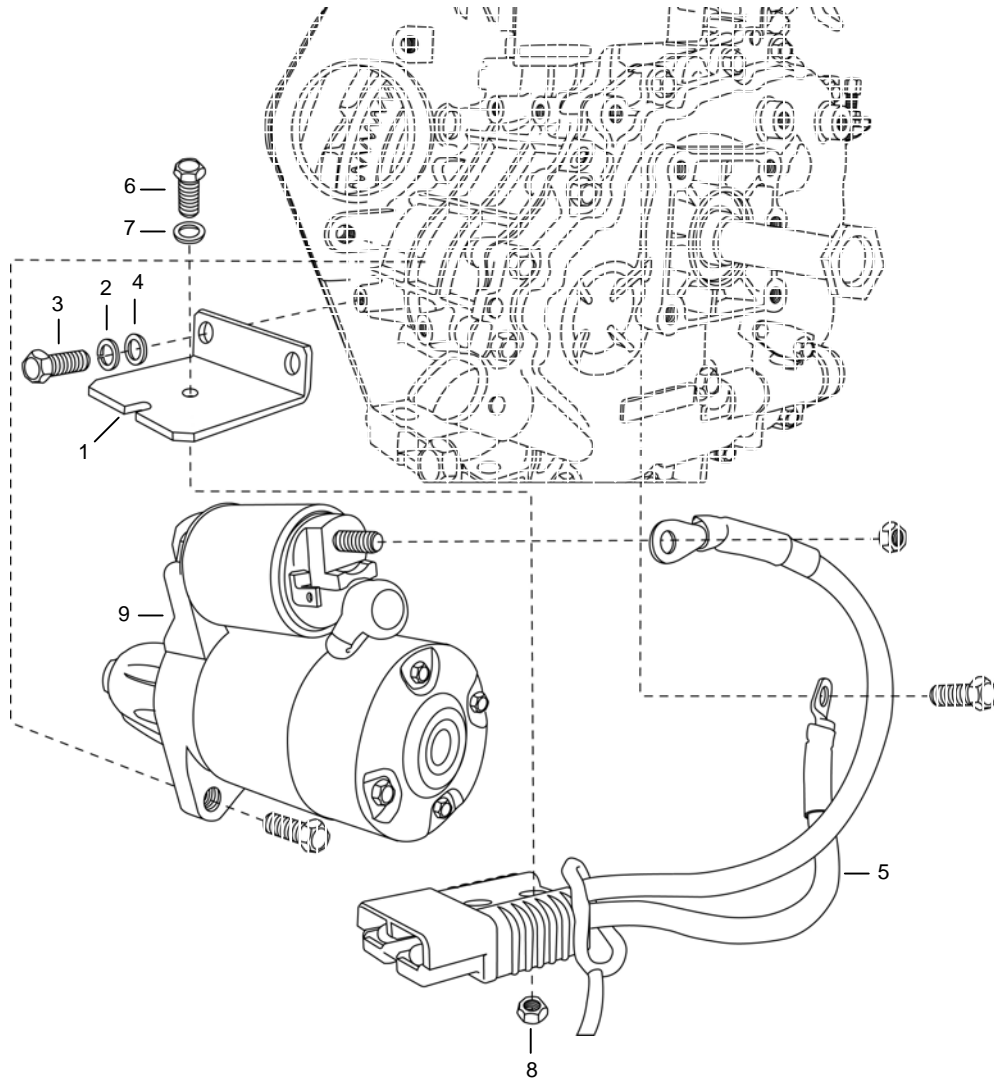


Figure 98. Electric Starter System.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 98 ELECTRIC STARTER SYSTEM	
1	XBOZZ		0U5N7	33902276	BRACKET .....	1
2	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	2
3	PAOZZ	5305-01-365-4863	39428	91287A136	. SCREW, CAP, HEX .....	2
4	PAOZZ	5310-00-933-8121	80205	MS35338-139	. WASHER, LOCK .....	2
5	PAOZZ	6150-01-526-0761	0U5N7	33903011	CABLE ASSY, POWER .....	1
6	PAOZZ	5305-00-207-2297	80205	MS35307-312	. SCREW, CAP, HEX .....	1
7	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	1
8	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF-LOCKING .....	2
9	PBOZZ	2920-21-910-1201	S4163	114362-77011	STARTER, ENGINE, ELECTRIC .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

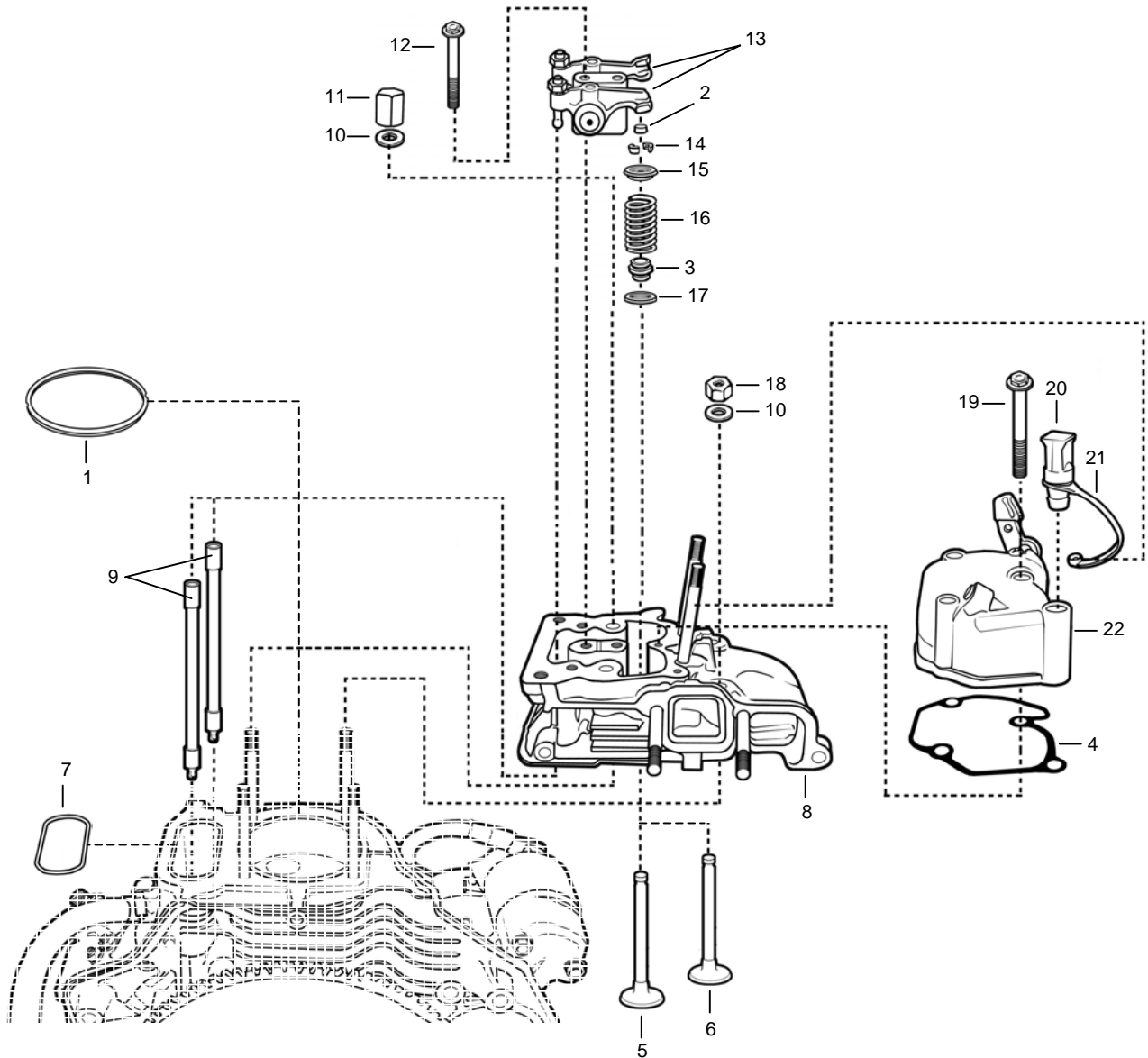


Figure 99. Cylinder Head Valves and Gaskets.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 99 CYLINDER HEAD VALVES AND GASKETS	
1	PAOZZ	5330-01-526-5151	0AK42	114771-01330	GASKET, CYLINDER HEAD .....	1
2	PAOZZ	2815-01-393-9880	0AK42	119260-11370	CAP, VALVE .....	2
3	PAOZZ	5331-01-324-8831	0AK42	114250-11340	SEAL, PLAIN .....	2
4	PAOZZ	5330-01-526-5339	0AK42	114771-11310	GASKET .....	1
5	XBFZZ		0AK42	114771-11100	VALVE, POPPET, ENGINE .....	1
6	XBFZZ		0AK42	114771-11110	VALVE, POPPET, ENGINE .....	1
7	PAOZZ	5331-01-328-4148	0GUY0	114250-01380	O-RING .....	1
8	PAOZZ	2815-01-526-5120	0AK422	114771-11020	CYLINDER HEAD .....	1
9	PAOZZ	2815-01-389-9590	0AK42	114250-14451	PUSH ROD, ENGINE .....	2
10	PAOZZ	5310-01-458-9991	0AK42	124950-01250	WASHER, FLAT .....	2
11	PAOZZ	5310-01-526-5909	0AK42	114250-01251	NUT, CAP .....	1
12	PAOZZ	5305-14-469-8502	S4163	26106-060452	SCREW.....	2
13	PAOZZ	2815-01-526-5197	0AK42	114771-11250	ROCKER ARM ASSEMBLY .....	1
14	PAOZZ	2815-01-323-1352	0AK42	714250-11570	LOCK, VALVE SPRING RETAINER.....	2
15	PAOZZ	5340-01-324-8850	0AK42	114250-11180	SEAT, SPRING.....	2
16	PAOZZ	5360-01-324-3995	0AK42	114250-11120	SPRING, HELICAL .....	2
17	PAOZZ	5310-01-431-4064	0AK42	114250-11600	WASHER, FLAT .....	2
18	PAOZZ	5310-01-431-4068	0AK42	114250-01221	NUT, PLAIN, HEX.....	1
19	PAOZZ	5306-01-323-5440	0AK42	26106-060552	BOLT, MACHINE .....	3
20	PAOZZ	5340-01-449-3915	0AK42	114250-76610	HOLDER, PLUNGER.....	1
21	PAOZZ	5340-01-433-5460	0AK42	114250-76600	PLUNGER, DETENT .....	1
22	PAOZZ	4810-01-526-5186	0AK42	114771-11950	VALVE COVER ASSEMBLY .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8

0064 00

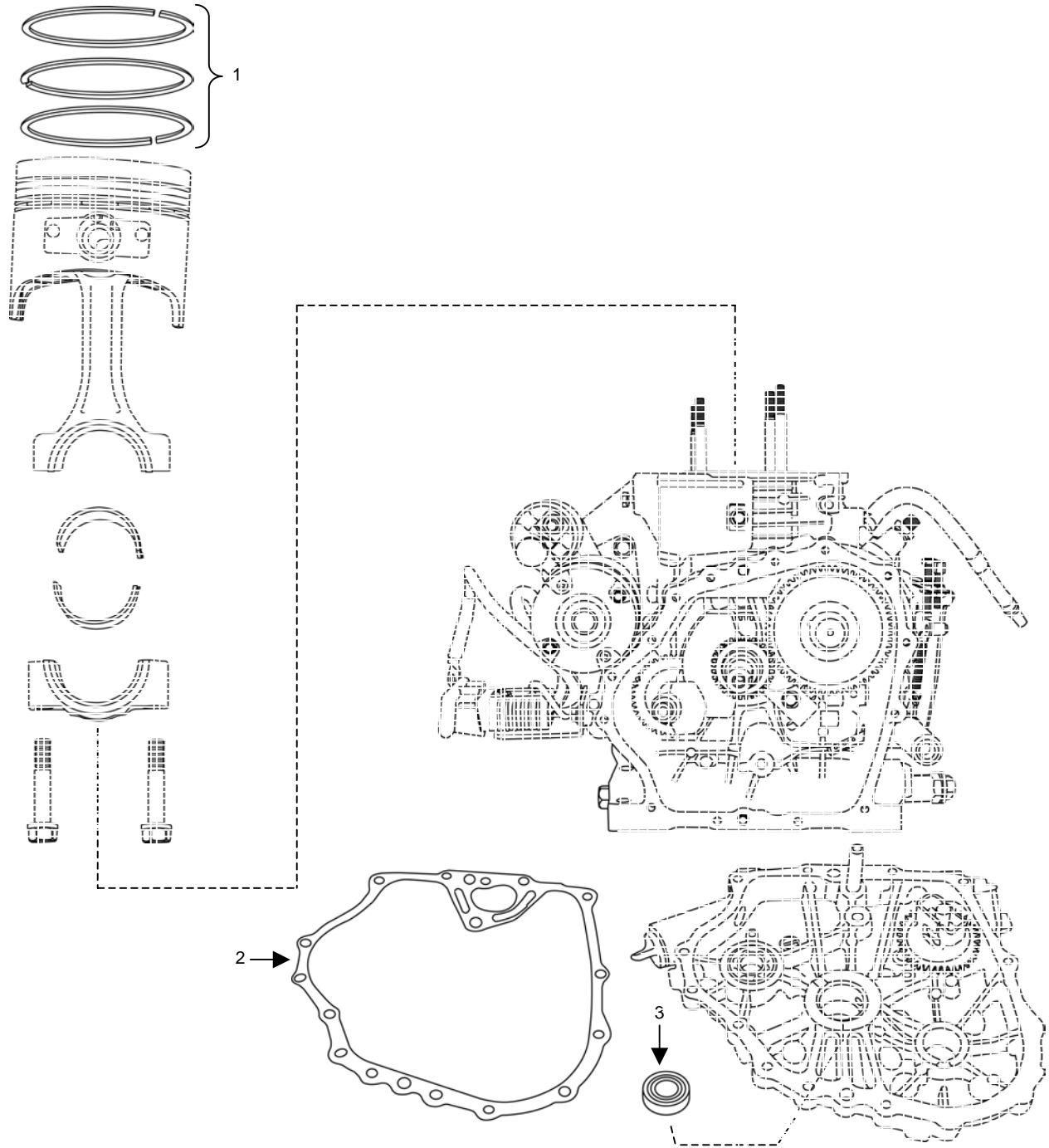


Figure 100. Crankcase Gasket and Piston Rings.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 14 EXTENDED DISTRIBUTION SYSTEM  
DIESEL ENGINE-DRIVEN PUMP ASSEMBLY P-8  
REPAIR PARTS LIST**

**0064 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 14 EXTENDED DISTRIBUTION SYSTEM FIGURE 100 CRANKCASE GASKET AND PISTON RINGS	
1	PAOZZ	2815-01-526-5182	0AK42	714770-22500	RING SET, PISTON .....	1
2	PAOZZ	5330-01-353-6007	0GUY0	114250-01412	GASKET, CRANKCASE .....	1
3	PAOZZ	5330-01-324-8253	0AK42	160210-02220	SEAL, PLAIN ENCASED .....	1
					END OF FIGURE	

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

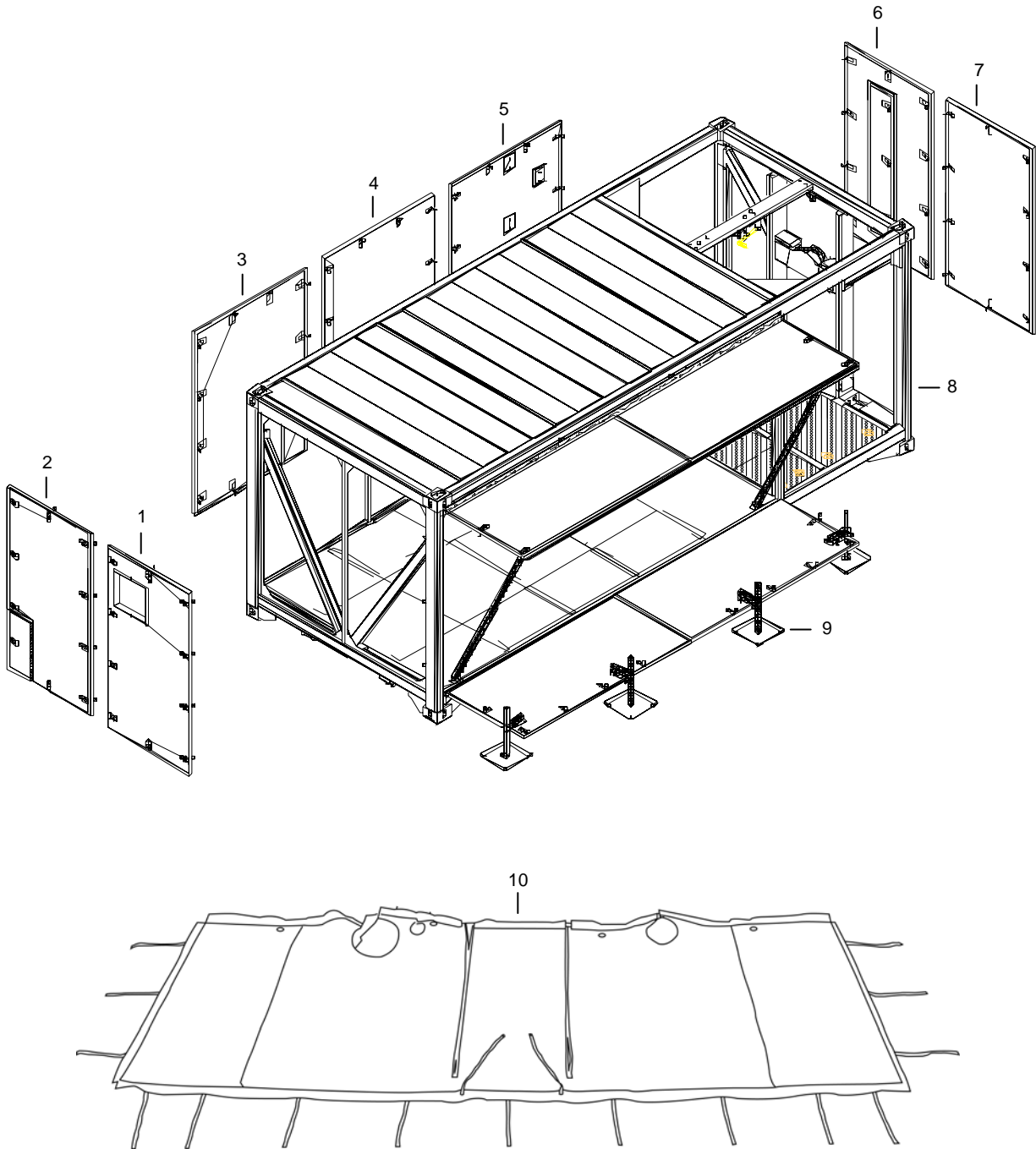


Figure 101. Flat Rack Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 101 FLAT RACK ASSEMBLY						
1	XBOOO		0U5N7	33901586	END PANEL ASSEMBLY (PANEL #1) .....	1
2	XBOOO		0U5N7	33901553	END PANEL ASSEMBLY (PANEL #2) .....	1
3	XBOOO		0U5N7	33901551	PANEL ASSEMBLY TYPE I (PANEL #3) .....	1
4	XBOOO		0U5N7	33901550	PANEL ASSEMBLY TYPE II (PANEL #4) .....	1
5	XBOOO		0U5N7	33901597	PANEL ASSEMBLY TYPE III (PANEL #5) .....	1
6	XBOOO		0U5N7	33901590	END PANEL ASSEMBLY (PANEL #6) .....	1
7	XBOOO		0U5N7	33901552	END PANEL ASSEMBLY (PANEL #7) .....	1
8	XBOFF		0U5N7	33901501	FRAME ASSEMBLY, FLAT RACK .....	1
9	XBOOO		0U5N7	33901505	SUPPORT STAND ASSEMBLY .....	4
10	XBOFF		0U5N7	33905055	FABRIC WALL .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

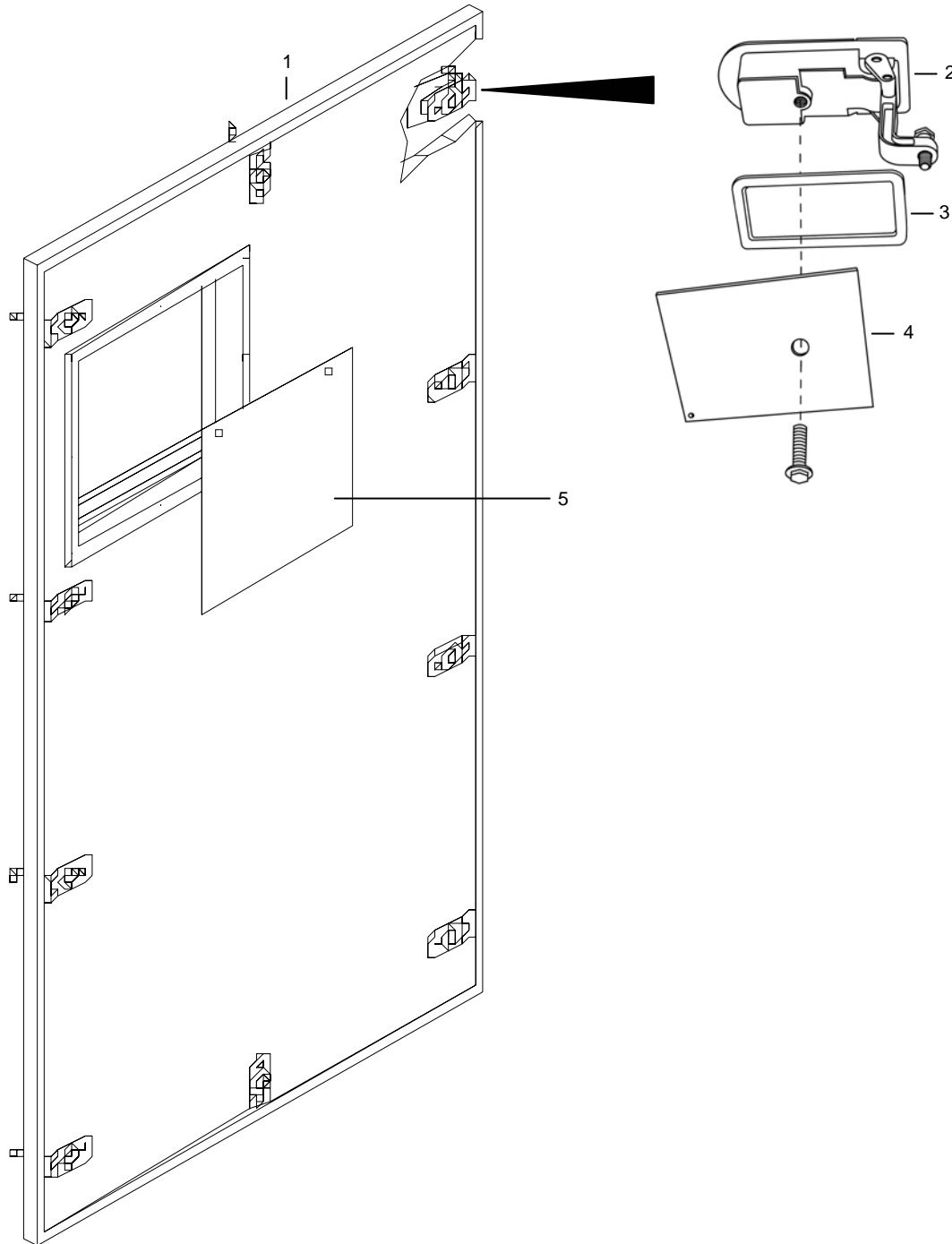


Figure 102. End Panel Assembly – Panel #1.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 102 END PANEL ASSEMBLY – PANEL #1						
1	XBOOO		0U5N7	33901586	END PANEL ASSEMBLY (PANEL #1) .....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER.....	10
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	10
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	10
5	XBOZZ		0U5N7	33901588	. COVER .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

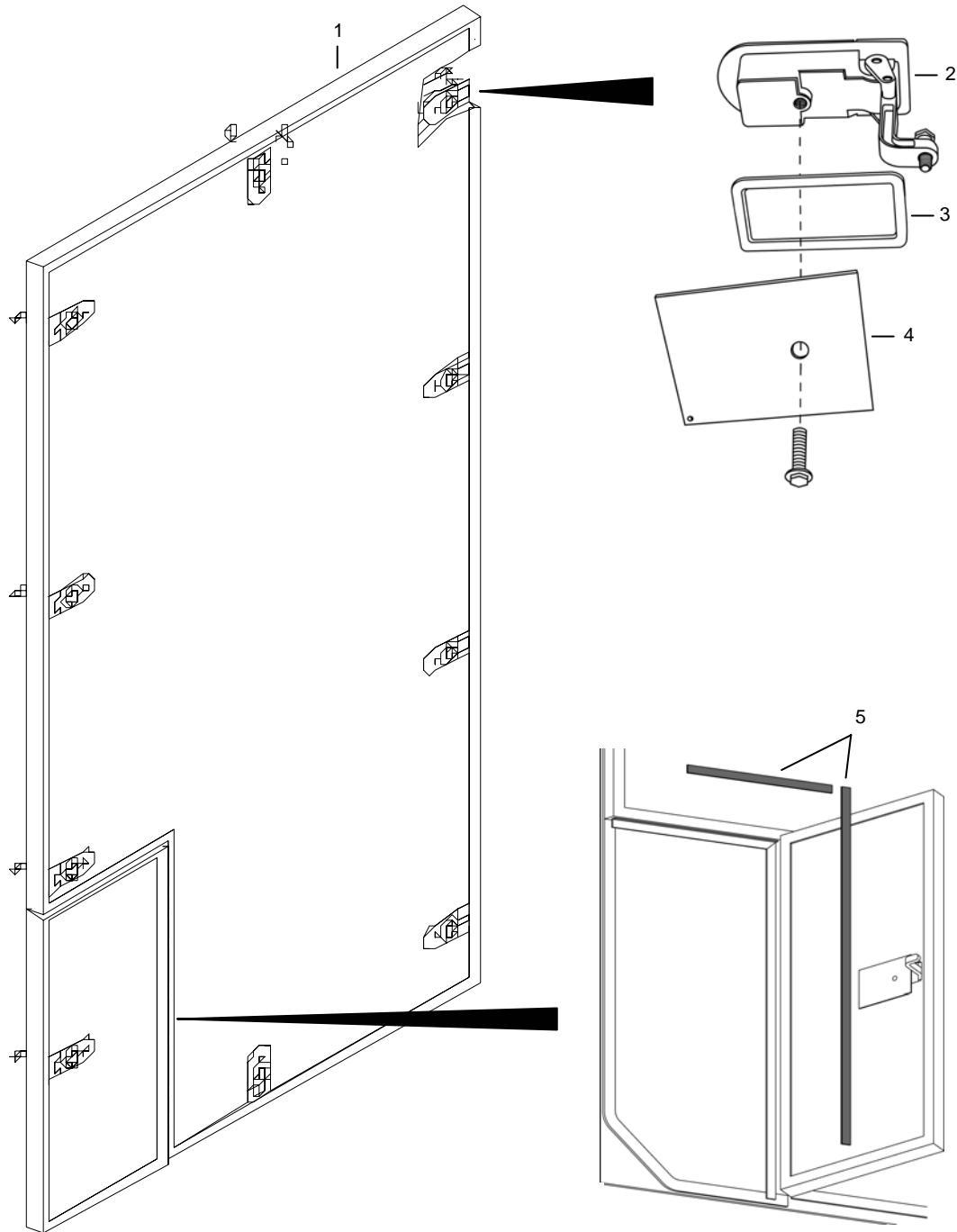


Figure 103. End Panel Assembly – Panel #2.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 103 END PANEL ASSEMBLY – PANEL #2						
1	XBOOO		0U5N7	33901553	END PANEL ASSEMBLY (PANEL #2) .....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER.....	10
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	10
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	10
5	MOOZZ	5330-01-526-2972	39428	8645K55	. STRIP, FOAM RUBBER .....	2
(MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED).						
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

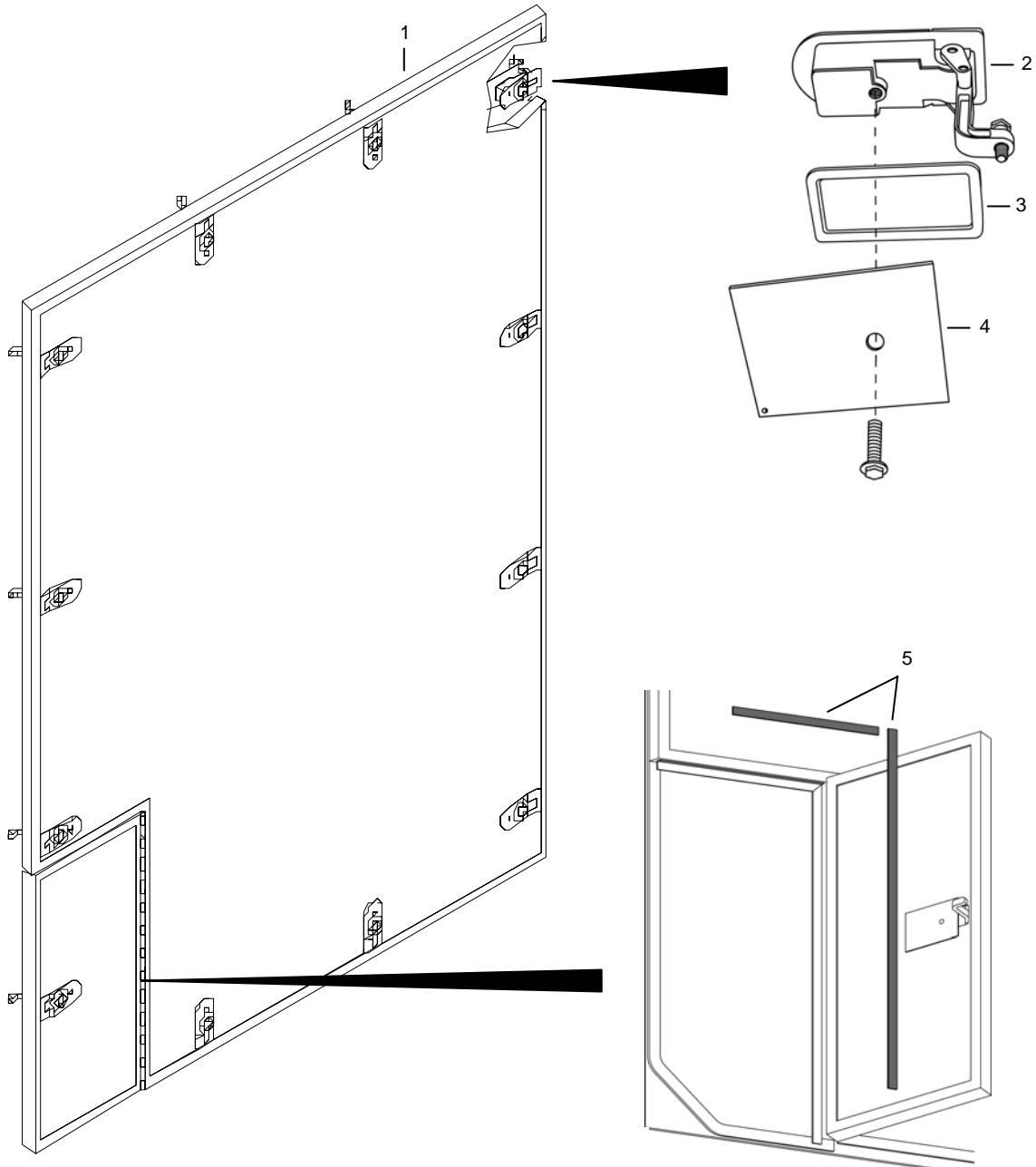


Figure 104. Panel Assembly Type I – Panel #3.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 104 PANEL ASSEMBLY TYPE I – PANEL #3						
1	XBOOO		0U5N7	33901551	PANEL ASSEMBLY TYPE 1 (PANEL #3).....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER.....	12
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	12
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	12
5	MOOZZ	5330-01-526-2972	39428	8645K55	. STRIP, FOAM RUBBER .....	2
(MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED).						
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

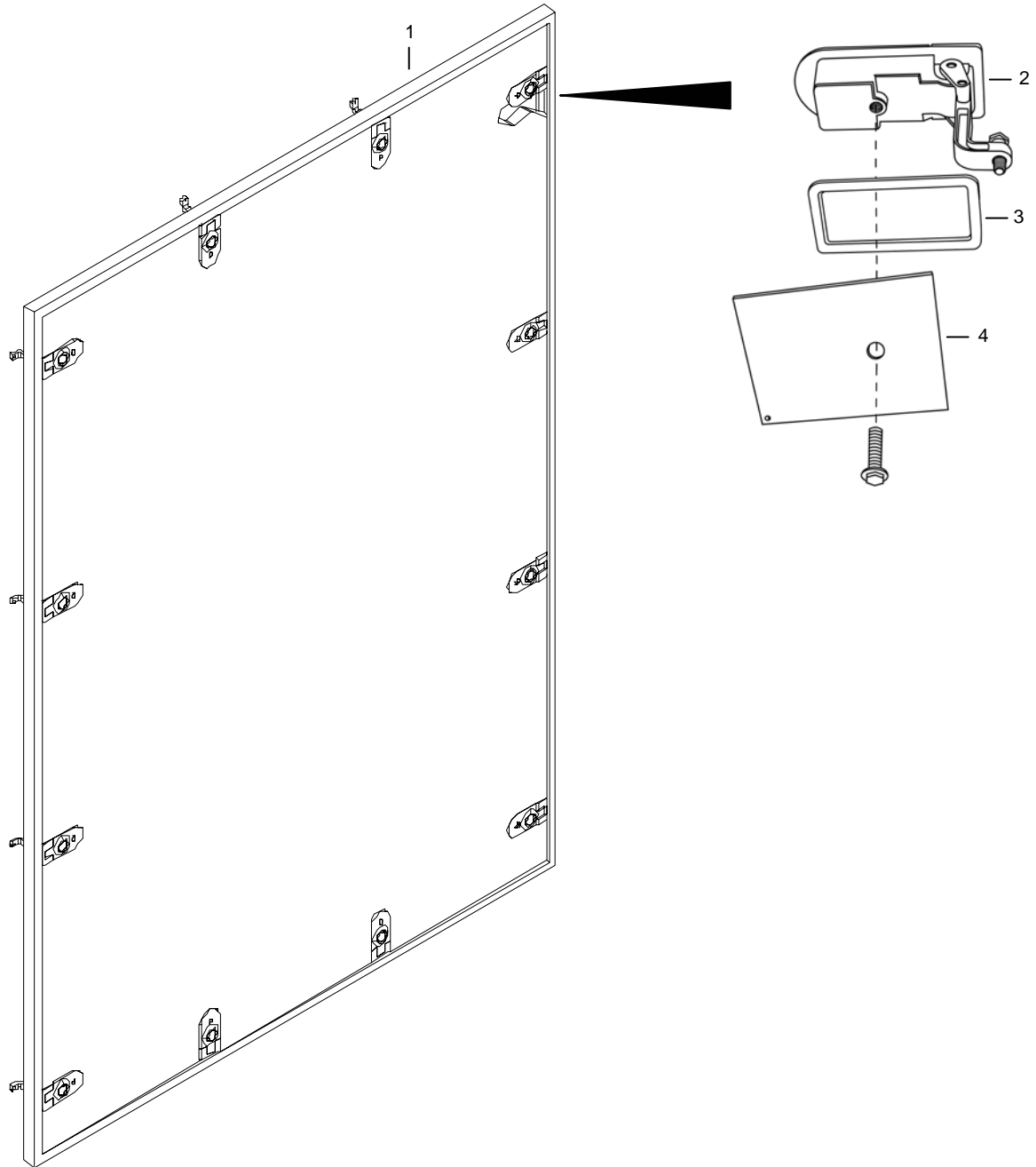


Figure 105. Panel Assembly Type II – Panel #4.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 15 FLAT RACK ASSEMBLY FIGURE 105 PANEL ASSEMBLY TYPE II – PANEL #4	
1	XBOOO		0U5N7	33901550	PANEL ASSEMBLY TYPE II (PANEL #4).....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER .....	12
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	12
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	12
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

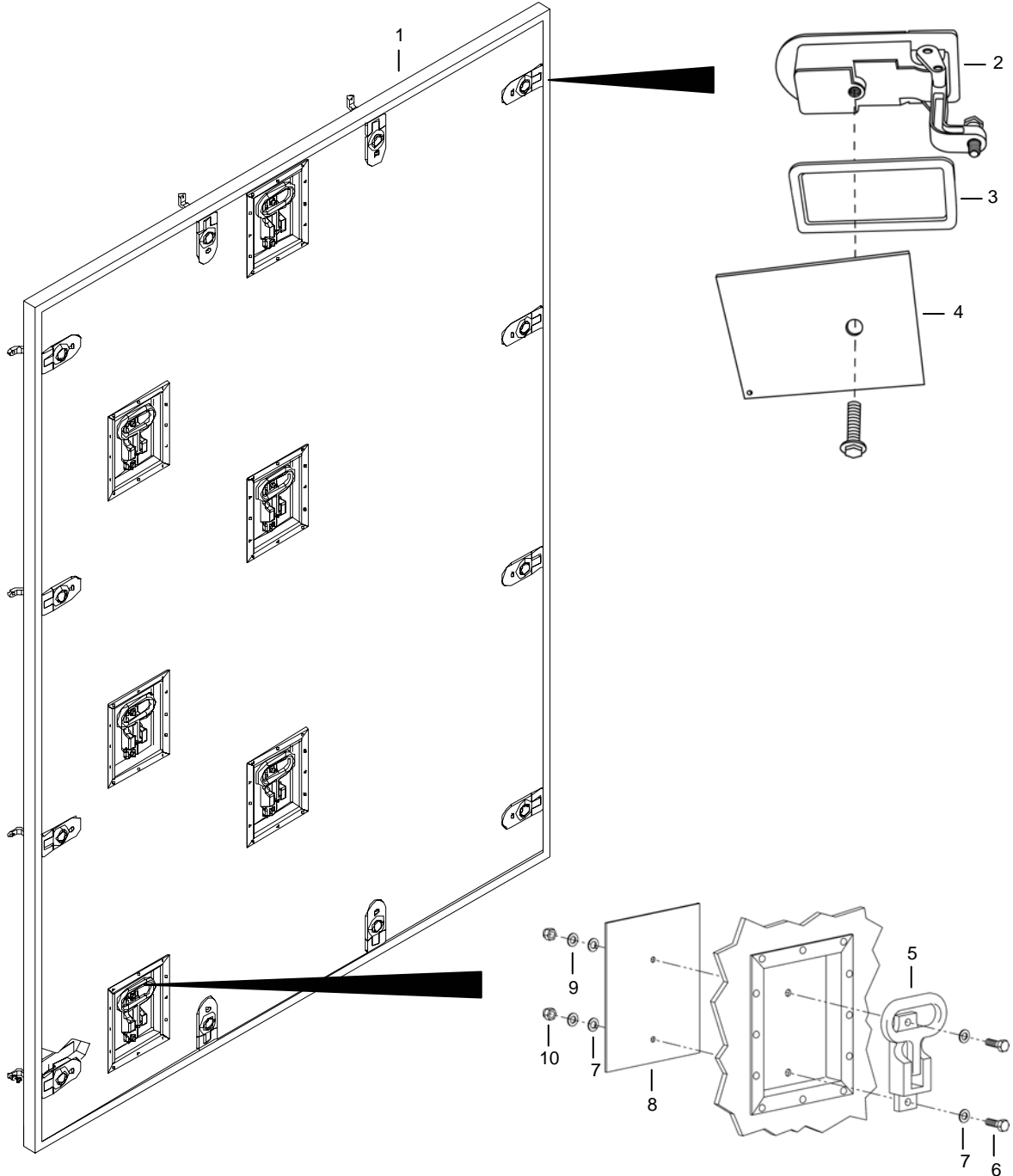


Figure 106. Panel Assembly Type III – Panel #5.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 106 END PANEL ASSEMBLY – PANEL #5						
1	XBOOO		0U5N7	33901597	PANEL ASSEMBLY TYPE III (PANEL #5).....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER.....	12
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	12
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	12
5	PAOZZ	5975-00-990-5354	18876	10105374	. STEP, POLE.....	6
6	PAOZZ	5305-00-207-8253	80205	NASM35307	. . SCREW, CAP, HEX.....	2
7	PAOZZ	5310-00-582-5677	80205	MS15795-810	. . WASHER, FLAT.....	4
8	XBOZZ		0U5N7	33904149	. . PLATE, BACKING.....	1
9	PAOZZ	5310-00-933-8121	80105	MS35338-139	. . WASHER, LOCK.....	2
10	PAOZZ	5310-01-465-0830	65597	930000-0204	. . NUT, PLAIN, HEXAGON.....	2
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

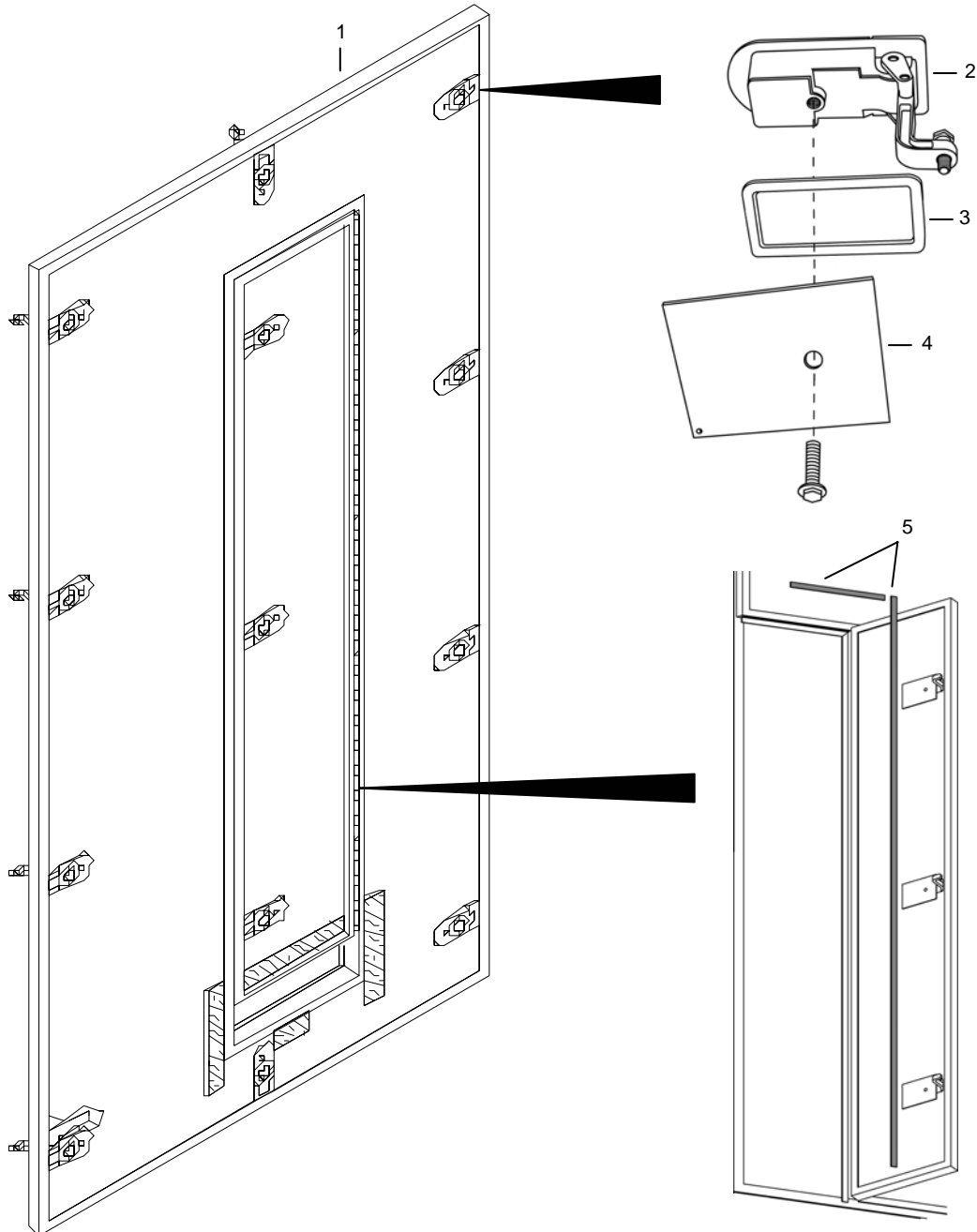


Figure 107. End Panel Assembly – Panel #6.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 107 END PANEL ASSEMBLY – PANEL #6						
1	XBOOO		0U5N7	33901590	END PANEL ASSEMBLY (PANEL #6) .....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER.....	13
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	13
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	13
5	MOOZZ	5330-01-526-2972	39428	8645K55	. STRIP, FOAM RUBBER .....	4
(MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED).						
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

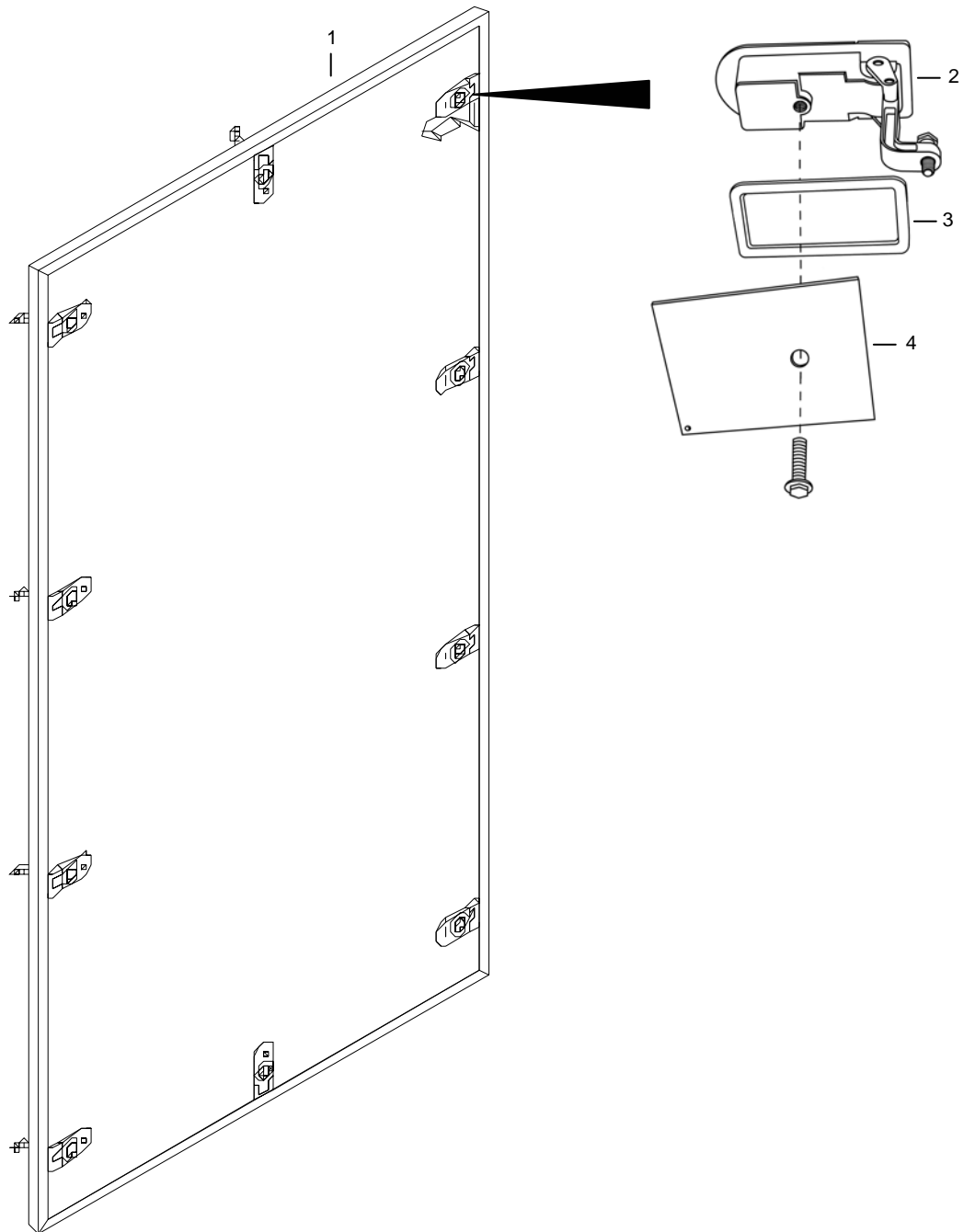


Figure 108. End Panel Assembly – Panel #7.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 108 END PANEL ASSEMBLY – PANEL #7						
1	XBOOO		0U5N7	33901552	END PANEL ASSEMBLY (PANEL #7) .....	1
2	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER.....	10
3	PAOZZ	5330-01-438-0669	98587	S26932-1099	. GASKET .....	10
4	XBOZZ		0U5N7	33904085	. PLATE, BACKING.....	10
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

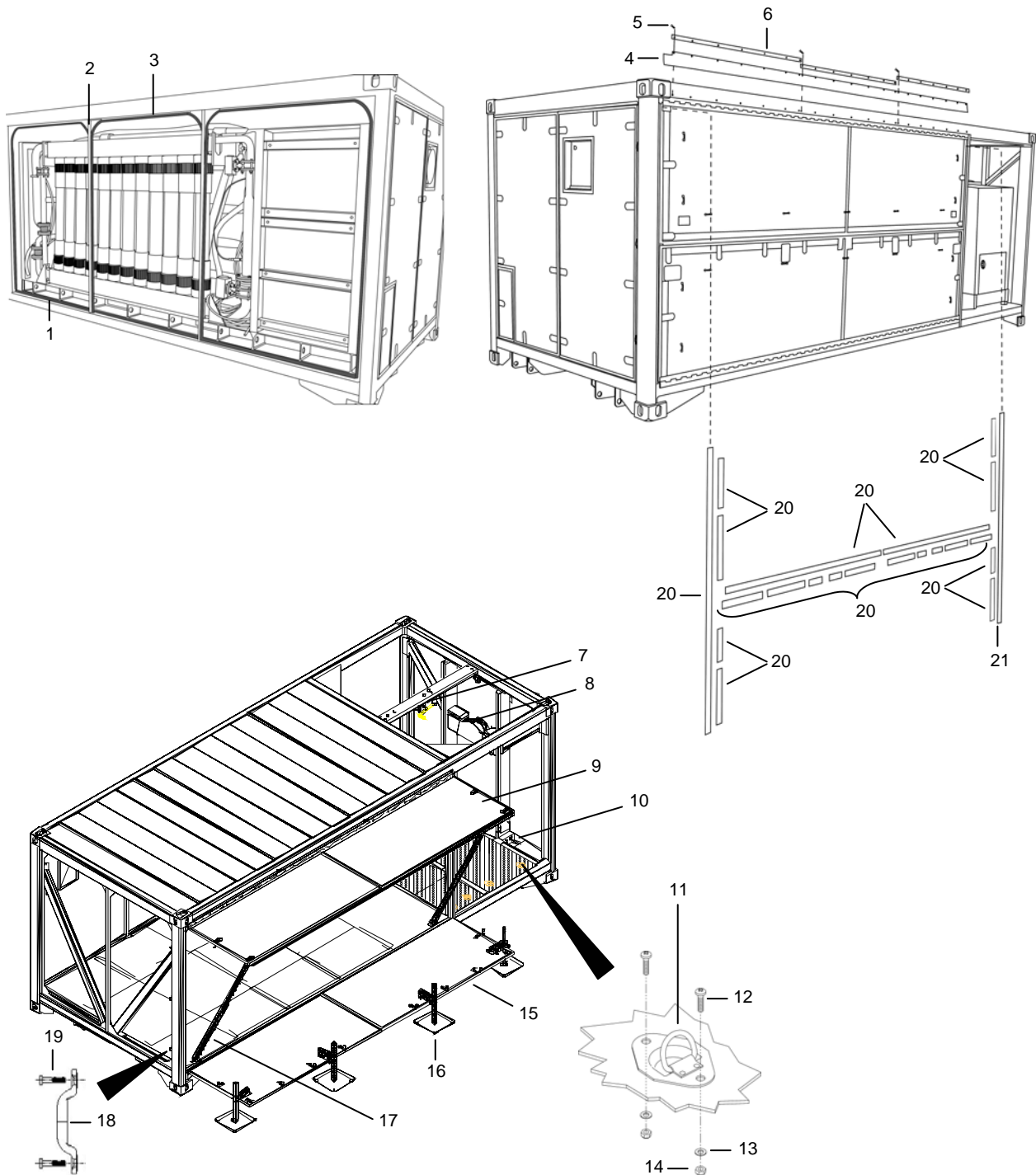


Figure 109. Frame Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 109 FRAME ASSEMBLY						
1	XBOZZ		0U5N7	33904113	JAMB, BOTTOM .....	3
2	XBOZZ		0U5N7	33901572	DIVIDER, PANEL .....	2
3	MOOZZ		57137	6350B2X3/16A	SEAL, NONMETALLIC CHANNEL .....	8
						(CUT TO LENGTH FROM BULK)
4	PAOZZ	5340-01-526-5506	83104	SN1254-14	COVER, HINGE .....	1
5	PAOZZ	5305-00-781-5663	39428	91771A833	. SCREW, MACHINE .....	21
6	XBOZZ		0U5N7	33904171	. KEEPER, HINGE COVER .....	3
7	XBOOO		0U5N7	33901578	WINCH BEAM ASSEMBLY .....	1
8	XBOZZ		0U5N7	33901121	BAIL BAR .....	1
9	XBOOO		0U5N7	33901580	UPPER PANEL ASSEMBLY .....	1
10	XBOZZ		0U5N7	33901598	ROLLER .....	2
11	PAOZZ	5340-01-196-6479	00147	601	HANDLE, BAIL.....	8
12	PAOZZ	5305-00-071-1318	96906	MS51957-83	. SCREW, MACHINE .....	2
13	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT.....	2
14	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF-LOCKING.....	2
15	XBOOO		0U5N7	33901581	LOWER PANEL ASSEMBLY .....	1
16	XBOZZ		0U5N7	33901505	SUPPORT STAND ASSEMBLY .....	4
17	XBOOO		0U5N7	33901556	SUPPORT ARM ASSEMBLY .....	2
18	PAOZZ	5340-00-489-5684	19220	6411B	LOOP, STRAP FASTENER.....	6
19	PAOZZ	5320-01-440-3092	07707	AD86H	. RIVET, BLIND .....	2
20	MOOZZ		11153	155193	FASTENER TAPE, HOOK .....	21
						(MAKE FROM BULK MATERIAL. CUT TO LENGTH AS NEEDED)
21	MOOZZ		11153	155217	FASTENER TAPE, HOOK .....	1
						(MAKE FROM BULK MATERIAL. CUT TO LENGTH 7 FT.)
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

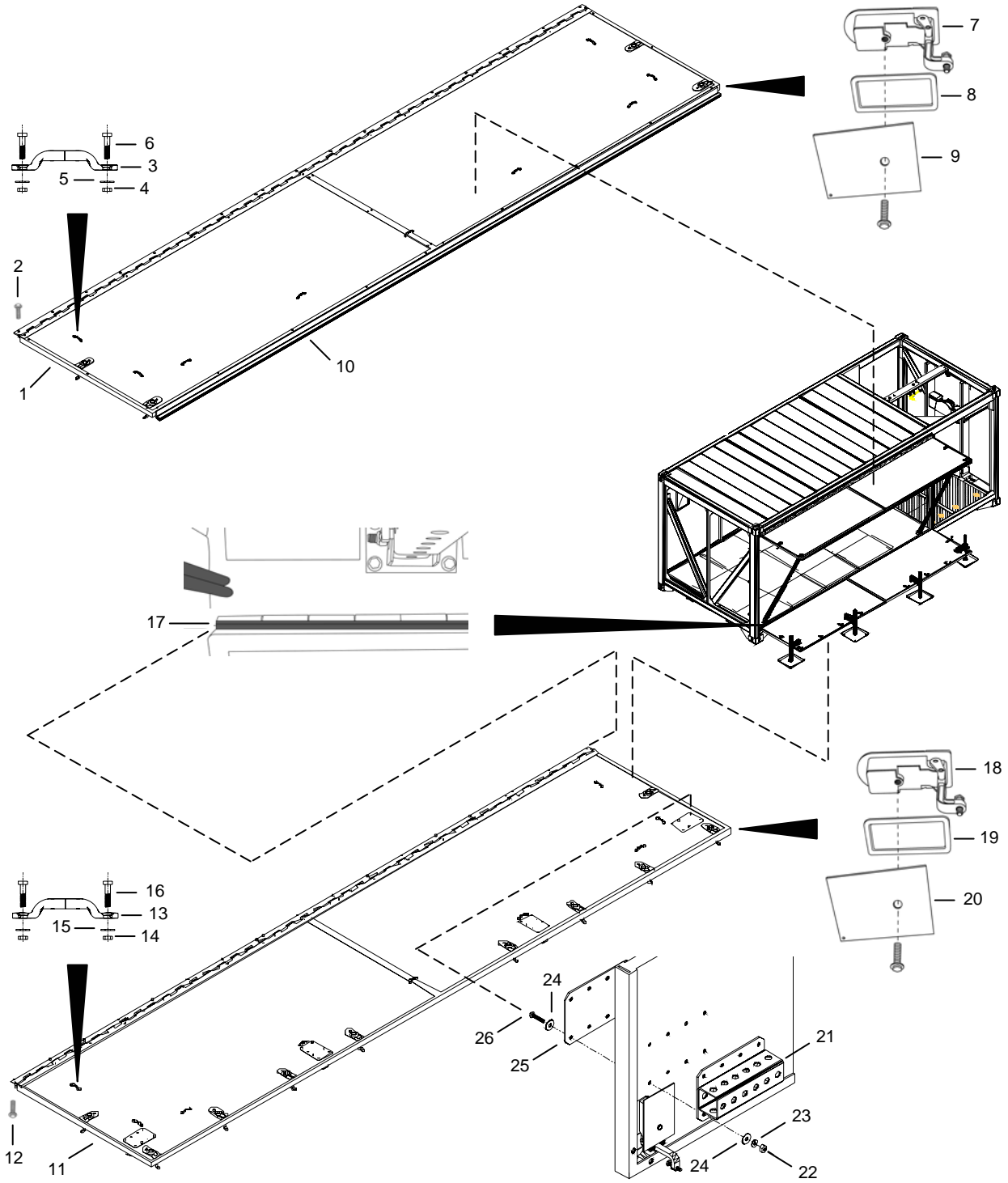


Figure 110. Upper and Lower Panel Assemblies.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 110 UPPER AND LOWER PANEL ASSEMBLIES						
1	XBOOO		0U5N7	33901580	UPPER PANEL ASSEMBLY .....	1
2	PAOZZ	5305-00-724-7841	96906	MS24693-C98	. SCREW, MACHINE .....	19
3	PAOZZ	5340-00-489-5684	19220	6411B	. LOOP, STRAP FASTENER.....	9
4	PAOZZ	5310-00-877-5797	80205	MS21044N3	. . NUT, SELF-LOCKING.....	2
5	PAOZZ	5310-00-619-1148	80205	MS15795-808	. . WASHER, FLAT .....	2
6	PAOZZ	5305-00-059-3665	96906	MS51958-69	. . SCREW, MACHINE .....	2
7	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER .....	4
8	PAOZZ	5330-01-438-0669	98587	S26932-1099	. . GASKET .....	1
9	XBOZZ		0U5N7	33904085	. . PLATE, BACKING.....	1
10	MOOZZ		57137	6350B2X3/16A	. SEAL, NONMETALLIC CHANNEL .....	1
						(MAKE FROM BULK MATERIAL. CUT TO LENGTH 14 FT.)
11	XBOOO		0U5N7	33901581	LOWER PANEL ASSEMBLY .....	1
12	PAOZZ	5305-00-724-7834	96906	MS24693-C97	. SCREW, MACHINE .....	19
13	PAOZZ	5340-00-489-5684	19220	6411B	. LOOP, STRAP FASTENER.....	9
14	PAOZZ	5310-00-877-5797	80205	MS21044N3	. . NUT, SELF-LOCKING.....	2
15	PAOZZ	5310-00-619-1148	80205	MS15795-808	. . WASHER, FLAT .....	2
16	PAOZZ	5305-00-059-3665	96906	MS51958-69	. . SCREW, MACHINE .....	2
17	MOOZZ		57137	X-1058 BT	. SEAL, NONMETALLIC SPECIAL SHAPE .....	1
						(MAKE FROM BULK MATERIAL. CUT TO LENGTH 14 FT.)
18	PAOZZ	5340-01-526-2963	94222	C5-13-45	. LATCH, SEALED LEVER .....	10
19	PAOZZ	5330-01-438-0669	98587	S26932-1099	. . GASKET .....	1
20	XBOZZ		0U5N7	33904085	. . PLATE, BACKING.....	1
21	XBOZZ		0U5N7	33901565	. BRACKET .....	4
22	PAOZZ	5310-01-439-5917	39428	91845A029	. . NUT, PLAIN, HEX .....	8
23	PAOZZ	5310-01-2296260	39428	92146A029	. . WASHER, LOCK.....	8
24	PAOZZ	5310-00-582-5677	80205	MS15795-810	. . WASHER, FLAT .....	16
25	XBOZZ		0U5N7	33904079	. . PLATE, SUPPORT.....	1
26	PAOZZ	5305-01-526-2986	39428	92240A548	. . BOLT, MACHINE.....	8
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

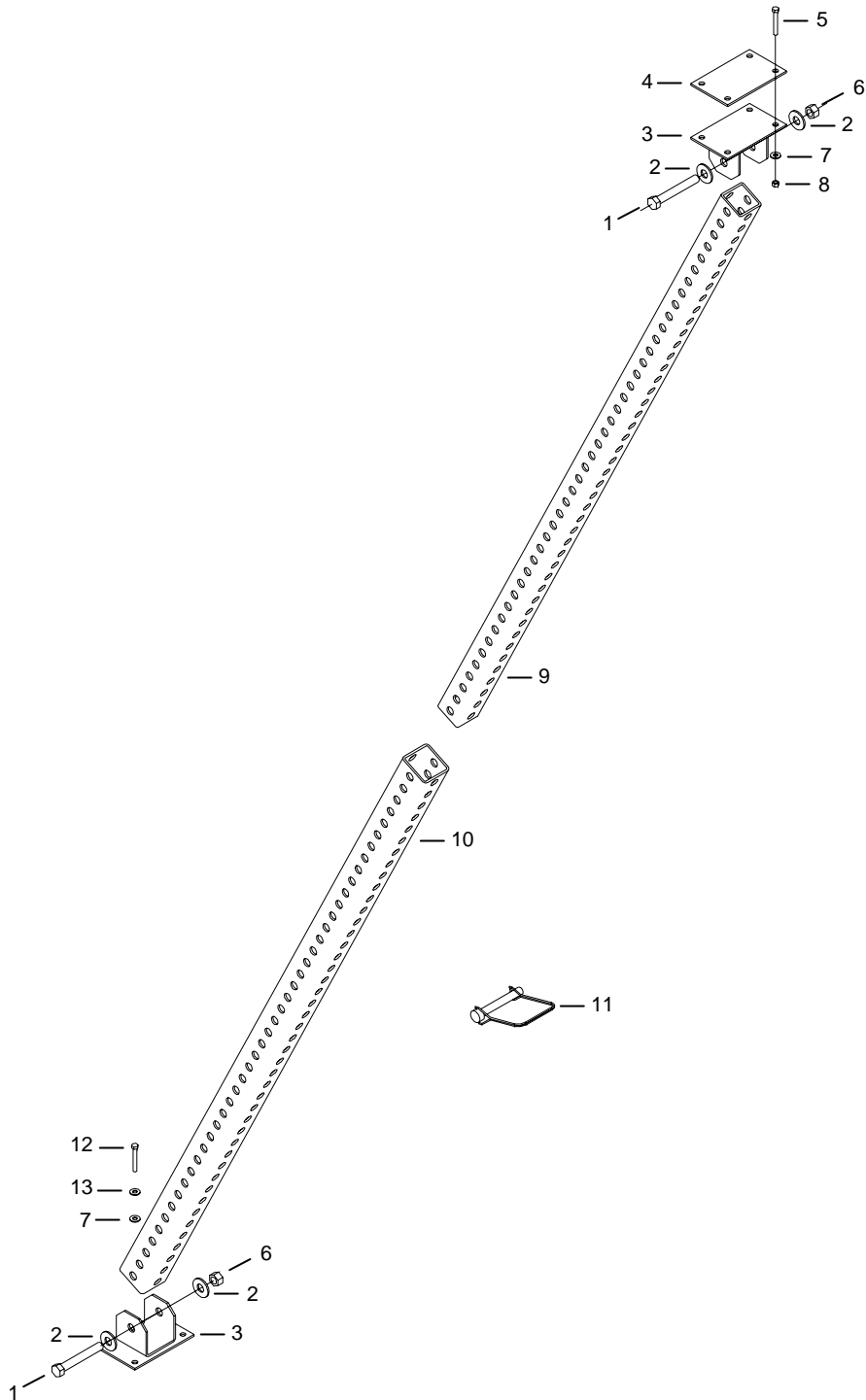


Figure 111. Support Arm Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 111 SUPPORT ARM ASSEMBLY						
1	PAOZZ	5305-00-543-4406	80205	MS35307-370	SCREW, CAP, HEX .....	2
2	PAOZZ	5310-00-773-7618	80205	MS15795-814	WASHER, FLAT .....	4
3	XBOZZ		0U5N7	33901566	BRACKET .....	2
4	XBOZZ		0U5N7	33904131	PLATE, WASHER .....	1
5	PAOZZ	5305-01-084-1157	96906	MS24693-C106	SCREW, MACHINE .....	4
6	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	NUT, SELF-LOCKING.....	2
7	PAOZZ	5310-00-582-5677	80205	MS15795-810	WASHER, FLAT .....	8
8	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	NUT, SELF-LOCKING.....	4
9	XBOZZ		0U5N7	33904084	SUPPORT ARM, INNER.....	1
10	XBOZZ		0U5N7	33904083	SUPPORT ARM, OUTER .....	1
11	PAOZZ	5315-01-527-0166	39428	98480A135	PIN, QUICK RELEASE .....	1
12	PAOZZ	5305-00-207-8253	80205	NASM35307	SCREW, CAP, HEX .....	4
13	PAOZZ	5310-00-933-8121	80205	MS35338-139	WASHER, LOCK.....	4
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

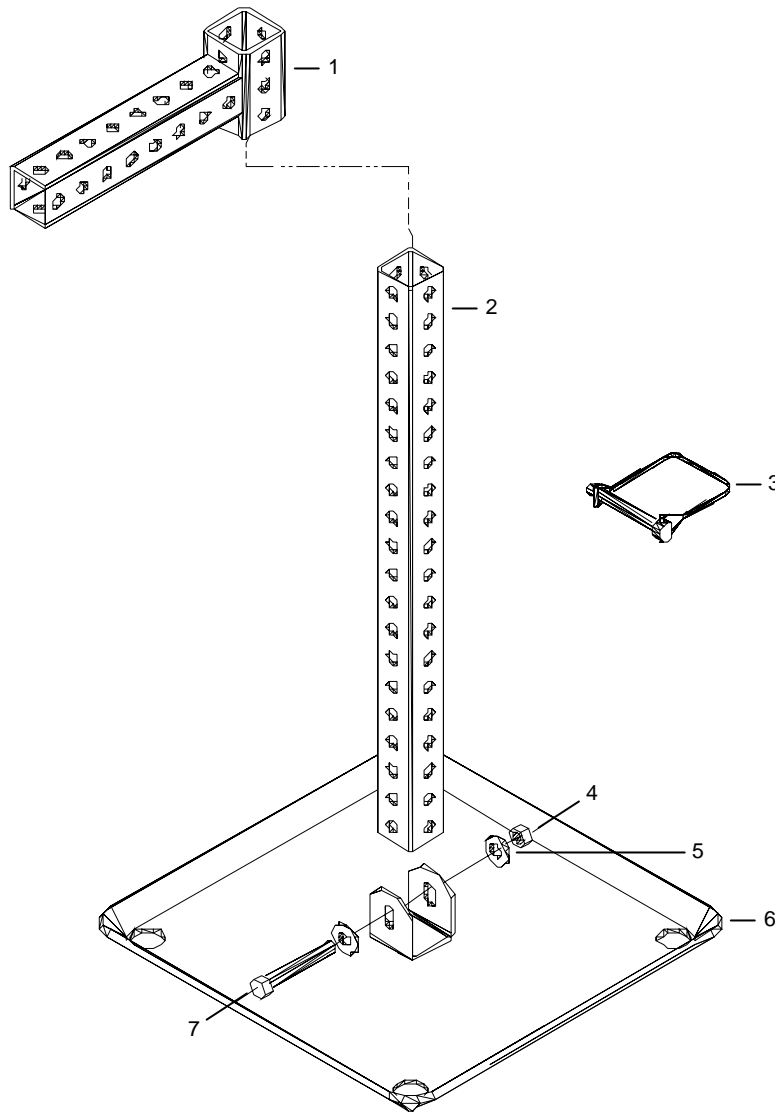


Figure 112. Support Stand Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 112 SUPPORT STAND ASSEMBLY						
1	XBOZZ		0U5N7	33901506	SUPPORT ARM .....	1
2	XBOZZ		0U5N7	33904011	VERTICAL SUPPORT .....	1
3	PAOZZ	5315-01-527-0166	39428	98480A135	PIN, QUICK RELEASE .....	1
4	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	NUT, SELF-LOCKING .....	1
5	PAOZZ	5310-00-773-7618	80205	MS15795-814	WASHER, FLAT .....	2
6	XBOZZ		0U5N7	33901507	FOOT PLATE .....	1
7	PAOZZ	5305-00-543-4406	80205	MS35307-370	SCREW, CAP, HEX .....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

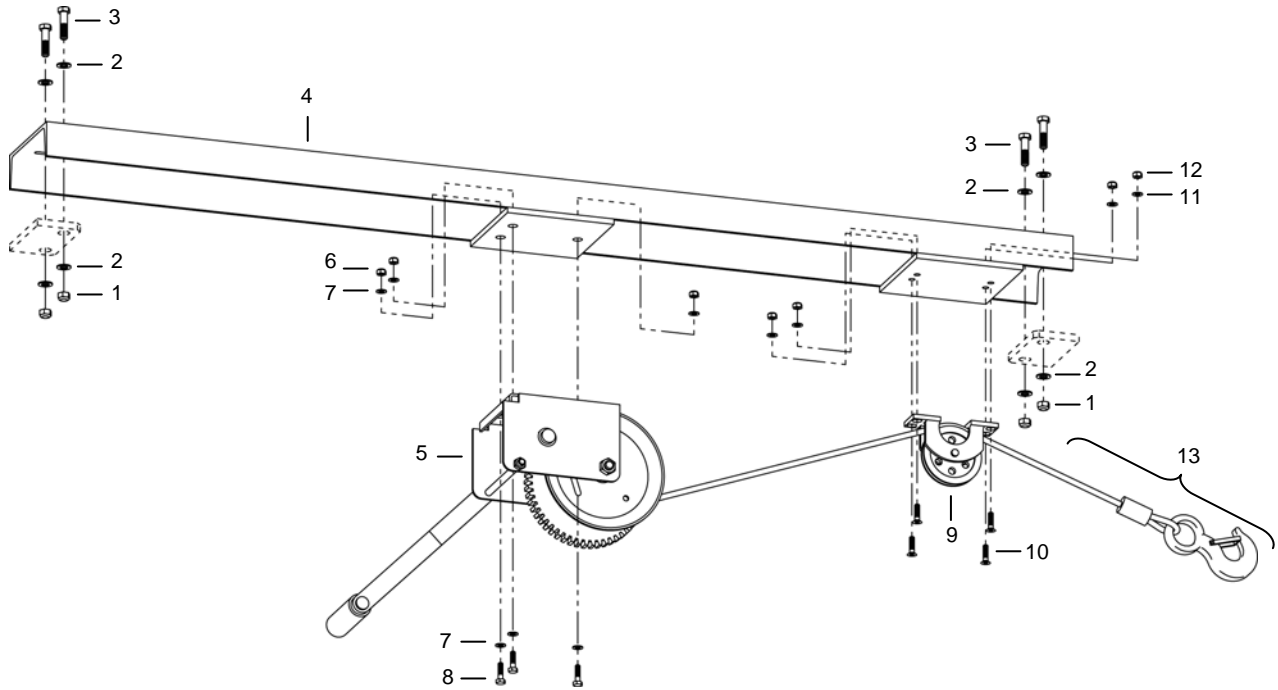


Figure 113. Winch/Beam Assembly.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 15 FLAT RACK ASSEMBLY FIGURE 113 WINCH/BEAM ASSEMBLY						
1	PAOZZ	5310-00-225-6993	77445	PWA10132-3	NUT, SELF-LOCKING.....	4
2	PAOZZ	5310-00-767-9425	80205	MS15795-818	WASHER, FLAT.....	8
3	PAOZZ	5305-00-422-9270	96906	MS35307-413S316	SCREW, CAP, HEX.....	4
4	XBOZZ		0U5N7	33901577	BEAM, WINCH.....	1
5	PAOZZ	3950-01-419-4685	39428	3196T24	WINCH, DRUM, HAND.....	1
6	PAOZZ	5310-00-914-6028	81349	M45913/1-6CS3	. NUT, SELF-LOCKING.....	3
7	PAOZZ	5310-00-773-7618	80205	MS15795-814	. WASHER, FLAT.....	6
8	PAOZZ	5305-00-576-5417	80205	MS35307-360	. SCREW, CAP, HEX.....	3
9	XBOZZ		39428	3087T15	BLOCK, TACKLE.....	1
10	PAOZZ	5305-00-724-7834	96906	MS24693-C97	. SCREW, MACHINE.....	4
11	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT.....	4
12	PAOZZ	5310-00-929-1807	81349	M45913/1-4CS3	. NUT, SELF-LOCKING.....	4
13	PAOZZ	4010-01-526-3072	39428	3308T55	WIRE ROPE ASSEMBLY.....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

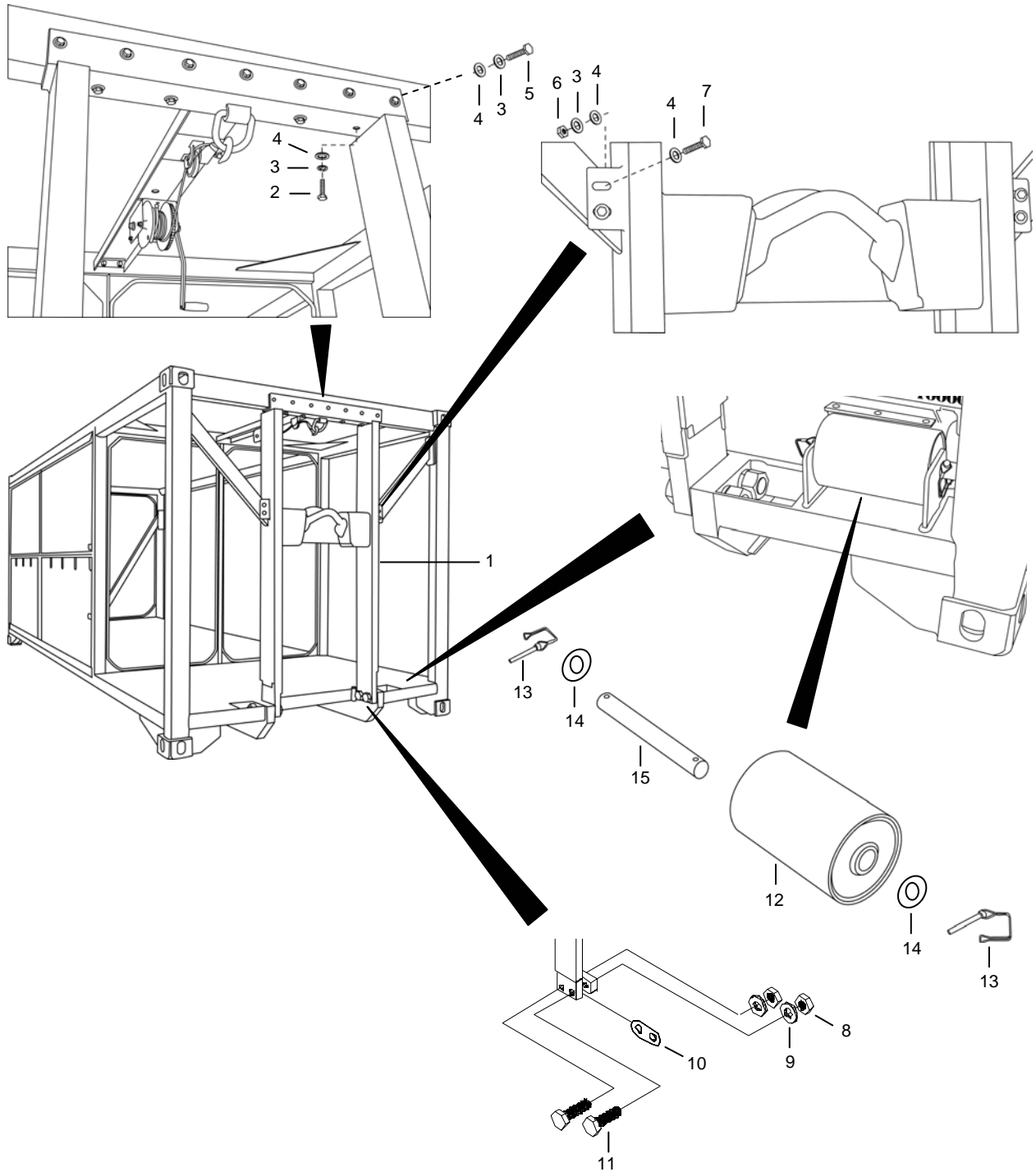


Figure 114. Bail Bar and Roller.



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 15 FLAT RACK ASSEMBLY FIGURE 114 BAIL BAR AND ROLLER	
1	XBOZZ		0U5N7	33901121	BAIL BAR.....	1
2	PAOZZ	5305-01-526-3526	0Y3H3	13211	. SCREW, CAP, HEX .....	4
3	PAOZZ	5310-00-933-8778	80205	MS35338-143	. WASHER, LOCK .....	15
4	PAOZZ	5310-00-767-9425	80205	MS15795-818	. WASHER, FLAT.....	19
5	PAOZZ	5305-00-071-2070	80204	B1821BH050C175N	. SCREW, CAP, HEX .....	7
6	PAOZZ	5310-00-768-0321	25685	SS-472-472-4491221-23	. NUT, PLAIN, HEX .....	4
7	PAOZZ	5305-00-103-2072	96906	MS35307-419	. SCREW, CAP, HEX .....	4
8	PAOZZ	5310-01-526-3519	0PDR0	175NF5	. NUT, PLAIN, HEX .....	4
9	PAOZZ	5310-01-526-3459	0PDR0	175WS	. WASHER, LOCK .....	4
10	PAOZZ	5365-01-526-3342	0U5N7	33904112	. SHIM (AS REQUIRED).....	V
11	PAOZZ	5305-01-526-3079	0Y3H3	175104CH5	. SCREW, CAP, HEX .....	4
12	XBOZZ		0U5N7	33901598	ROLLER .....	2
13	PAOZZ	5315-01-526-3545	39428	98416A125	. PIN, SAFETY SNAP .....	2
14	PAOZZ	5310-00-584-7797	80205	MS15795-831	. WASHER, FLAT.....	2
15	XBOZZ		0U5N7	33904185	. SHAFT, ROLLER.....	1
END OF FIGURE						

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

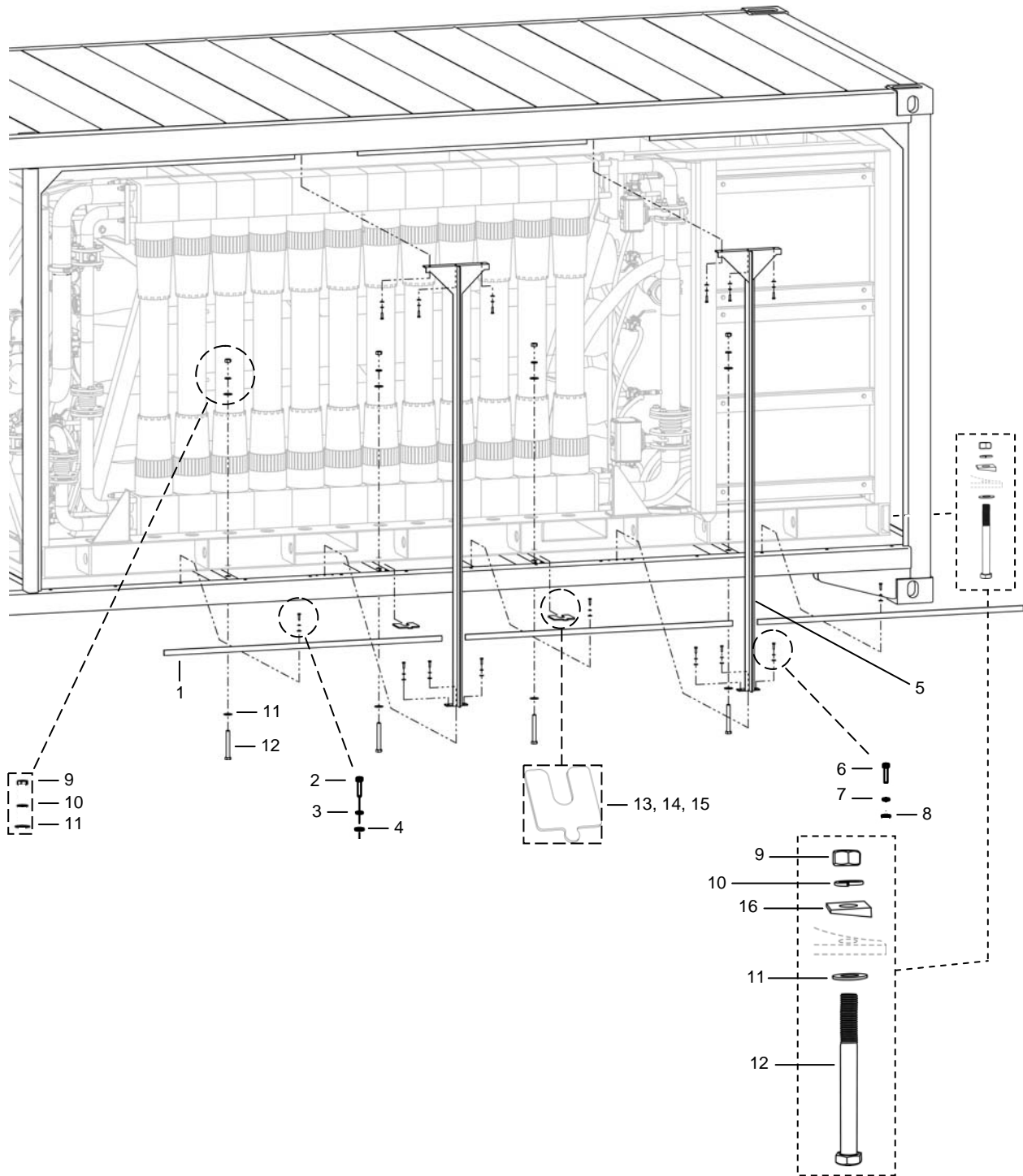


Figure 115. Panel Divider, Bottom Jamb, and TWPS and TQG Mounting Hardware (Sheet 1 of 2).

TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY

0065 00

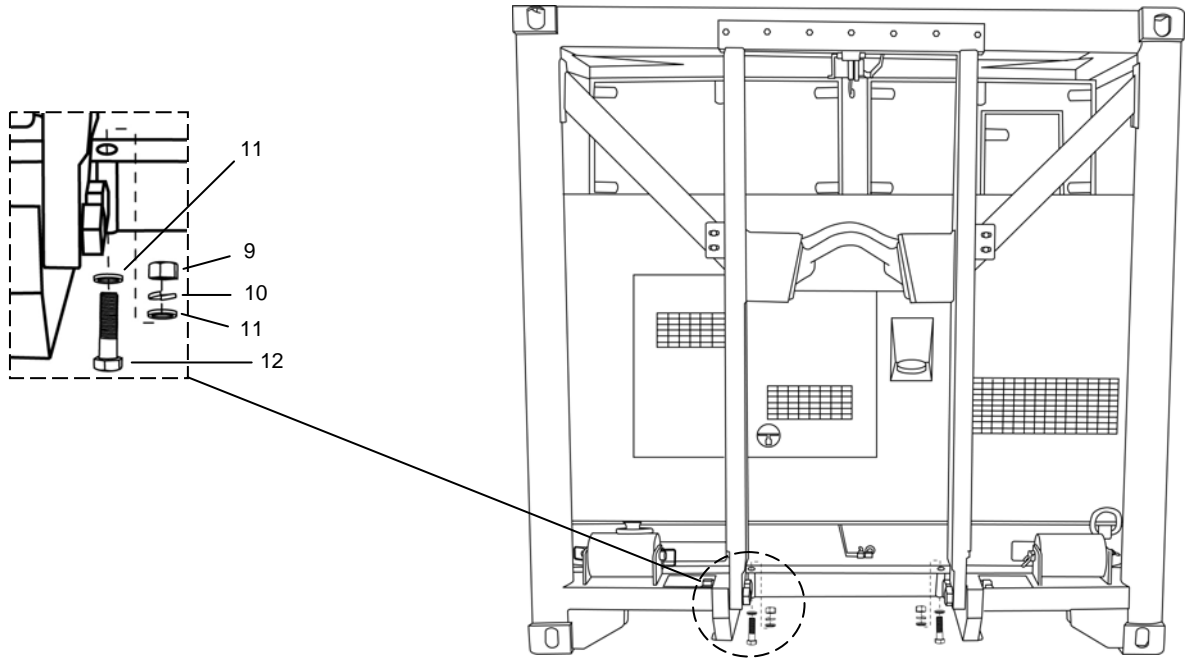


Figure 115. Panel Divider, Bottom Jamb, and TWPS and TQG Mounting Hardware (Sheet 2 of 2).

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 15 FLAT RACK ASSEMBLY  
FLAT RACK ASSEMBLY  
REPAIR PARTS LIST**

**0065 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 15 FLAT RACK ASSEMBLY FIGURE 115 PANEL DIVIDER, BOTTOM JAMB, AND TWPS AND TQG MOUNTING HARDWARE	
1	XBOZZ		0U5N7	33904113	JAMB, BOTTOM .....	3
2	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	5
3	PAOZZ	5310-00-933-8121	80205	MS35338-139	. WASHER, LOCK.....	5
4	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	5
5	XBOZZ		0U5N7	33901572	DIVIDER, PANEL .....	2
6	PAOZZ	5305-00-207-8253	80205	NASM35307	. SCREW, CAP, HEX .....	6
7	PAOZZ	5310-00-933-8121	80205	MS35338-139	. WASHER, LOCK.....	6
8	PAOZZ	5310-00-582-5677	80205	MS15795-810	. WASHER, FLAT .....	6
9	PAOZZ	5310-00-329-9701	96906	MS35690-1010	NUT, PLAIN, HEX .....	15
10	PAOZZ	5310-00-937-0453	80205	MS35338-145	WASHER, LOCK.....	15
11	PAOZZ	5310-00-614-3505	80205	MS15795-820	WASHER, FLAT .....	26
12	PAOZZ	5305-00-724-6762	80205	MS90725-178	SCREW, CAP, HEX .....	15
13	PAOZZ	5365-01-526-4164	39428	9722K653	SHIM, 0.030 (AS REQUIRED) .....	V
14	PAOZZ	5365-01-526-4154	39428	9722K685	SHIM, 0.060 (AS REQUIRED) .....	V
15	PAOZZ	5365-01-526-3813	39428	9722K82	SHIM, 0.125 (AS REQUIRED) .....	V
16	PAOZZ	5310-01-373-6951	39428	91152A035	WASHER, BEVEL .....	4
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 16 WASTE DISCHARGE SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS

0066 00

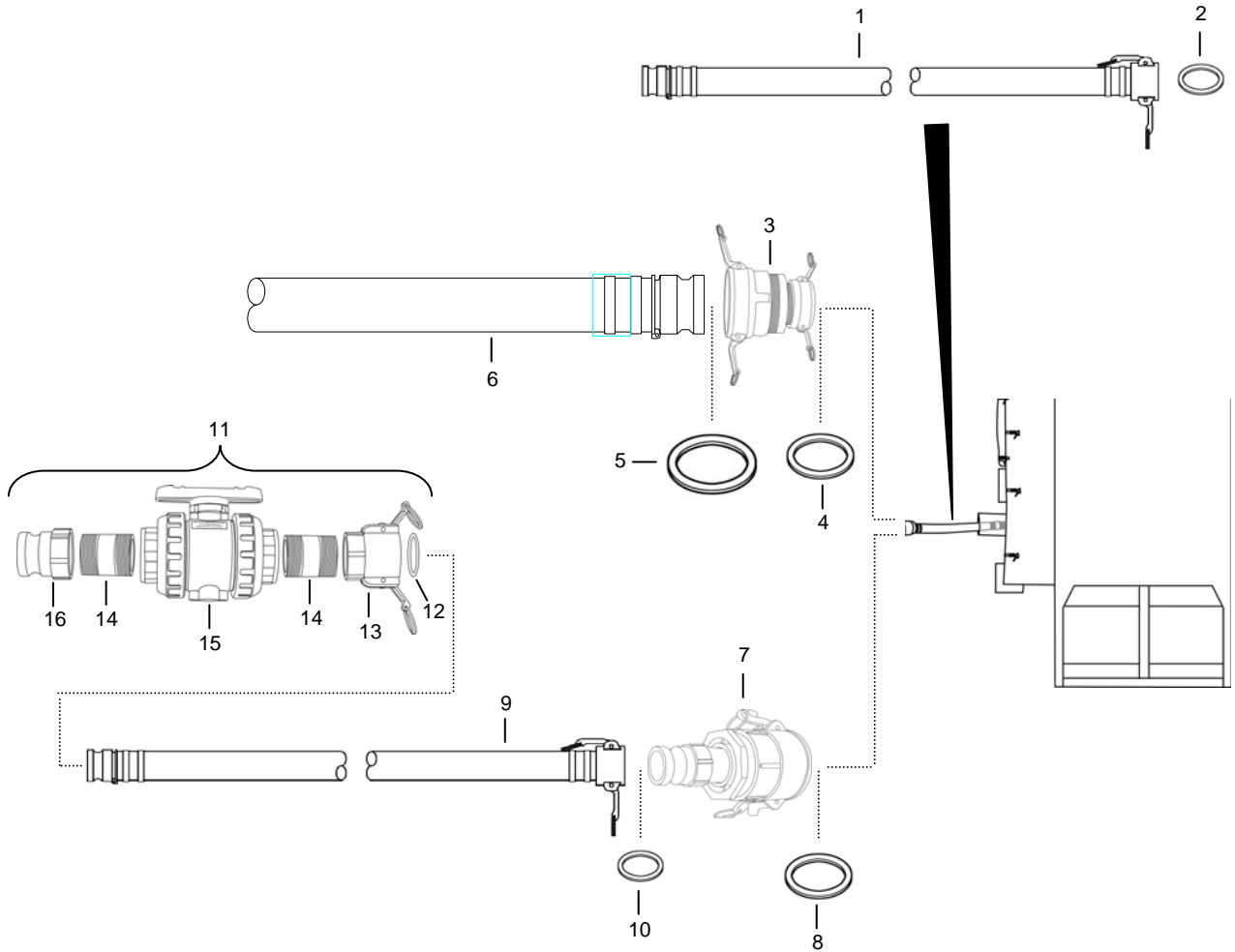


Figure 116. Waste Discharge System Hose Assemblies and Adaptors.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**GROUP 16 WASTE DISCHARGE SYSTEM  
HOSE ASSEMBLIES AND ADAPTORS  
REPAIR PARTS LIST**

**0066 00**

1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 16 WASTE DISCHARGE SYSTEM FIGURE 116 WASTE DISCHARGE SYSTEM HOSE ASSEMBLIES AND ADAPTORS	
1	PBOOO	4720-01-526-2837	0U5N7	33901096-6	ASSY, HOSE R04 .....	1
2	PAOZZ	5330-01-526-4417	33813	B08	. GASKET .....	1
3	PBOOO	4730-01-526-2858	0U5N7	33901100	ASSY, ADAPTOR A09 .....	1
4	PAOZZ	5331-01-420-2606	33813	B08	. GASKET .....	1
5	PAOZZ	5330-01-526-4418	33813	B010	. GASKET .....	1
6	PBOZZ	4720-01-526-2846	0U5N7	33901090-2	ASSY, HOSE R05 .....	1
7	PBOOO	4730-01-526-2859	0U5N7	33901101	ASSY, ADAPTOR A10 .....	1
8	PAOZZ		33813	B08	. GASKET .....	1
9	PBOOO	4720-01-526-2855	0U5N7	33901096-7	ASSY, HOSE R06 .....	3
10	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
11	PBOOO	4820-01-526-2860	0U5N7	33901102	ASSY, ADAPTOR A12 .....	1
12	PAOZZ	5330-01-349-8921	33813	NW5	. GASKET .....	1
13	PAOOO	4730-01-526-5253	33813	20D-FDAPOLY	. COUPLER .....	1
14	PBOZZ		1PHN1	1009020	. VALVE, BALL .....	1
15	PAOZZ	4730-01-526-3574	1PHN1	887C-030	. NIPPLE, PIPE .....	2
16	PAOZZ	4730-01-526-4644	33813	20A-FDAPOLY	. ADAPTER .....	1
					END OF FIGURE	

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**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 99 BULK MATERIAL  
REPAIR PARTS LIST**

**0067 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 99 BULK MATERIAL FIGURE 117 BULK						
1	PAOZZ		39428	3610T32	CHAIN, SASH .....	1
2	PAOZZ	8305-01-238-8076	81349	MIL-C-44103	CLOTH, DUCK.....	1
3	PAOZZ		09641	78832	CONDUIT, METAL, FLEXIBLE, 1 IN.....	1
4	PAOZZ		09641	78811	CONDUIT, METAL, FLEXIBLE, 1/2 IN.....	1
5	PAOZZ		09641	78852	CONDUIT, METAL, FLEXIBLE, 1-1/2 IN.....	1
6	PAOZZ		09641	78822	CONDUIT, METAL, FLEXIBLE, 3/4 IN.....	1
7	PAOZZ		09641	78801	CONDUIT, METAL, FLEXIBLE, 3/8 IN.....	1
8	PAOZZ		11153	155217	FASTENER TAPE, HOOK, 1 IN.....	1
9	PAOZZ		11153	155193	FASTENER TAPE, HOOK, 2 IN.....	1
10	PAOZZ		02570	PB-6	HOSE, NONMETALLIC .....	1
11	PAOZZ		02570	PB-12	HOSE, NONMETALLIC .....	1
12	PAOZZ	4720-00-421-1277	07096	70-100-40.5	HOSE, NONMETALLIC .....	1
13	PAOZZ	4720-00-421-1281	07096	70-175	HOSE, NONMETALLIC .....	1
14	PAOZZ	4720-00-283-6413	24161	27002	HOSE, NONMETALLIC .....	1
15	PAOZZ	4720-00-408-7893	24161	27004	HOSE, NONMETALLIC .....	1
16	PAOZZ		9L134	415-120-68	ROPE, NYLON, BRAIDED .....	1
17	PAOZZ		57137	6350B2X3/16A	SEAL, NONMETALLIC CHANNEL .....	1
18	PAOZZ		57137	X-1058 BT	SEAL, NONMETALLIC SPECIAL SHAPE .....	1
19	PAOZZ		39428	93725K78	STRIP, RUBBER.....	1
20	PAOZZ	5330-01-526-2972	39428	8645K55	STRIP, RUBBER.....	1
21	PAOZZ		39428	8645K12	STRIP, RUBBER.....	1
22	PAOZZ		39428	7856K19-RED	TUBING, HEAT-SHRINK, RED .....	1
23	PAOZZ		39428	7856K19-YEL	TUBING, HEAT-SHRINK, YELLOW.....	1
24	PAOZZ		093B4	1B-204-01	TUBING, NONMETALLIC .....	1
25	PAOZZ		093B4	1A-206-01	TUBING, NONMETALLIC .....	1
26	PAOZZ		39428	5233K67	TUBING, NONMETALLIC .....	1
27	PAOZZ		39428	5134K13	TUBING, NONMETALLIC .....	1
28	PAOZZ		38459	K3155S-10X300	TUBING, NONMETALLIC .....	1
29	PAOZZ	4720-00-207-9096	85757	4200-06030	TUBING, NONMETALLIC .....	1
30	PAOZZ	4720-01-352-6920	62866	10342	TUBING, NONMETALLIC .....	1
31	PAOZZ		62866	25636	TUBING, NONMETALLIC .....	1
32	PAOZZ		03005	MTW-2-BLK	WIRE, ELECTRICAL .....	1
33	PAOZZ		03005	MTW-6-BLK	WIRE, ELECTRICAL .....	1
34	PAOZZ		03005	MTW-10-BLK	WIRE, ELECTRICAL .....	1
35	PAOZZ		03005	MTW-10-GRN	WIRE, ELECTRICAL .....	1
36	PAOZZ		03005	MTW-14-BLU	WIRE, ELECTRICAL .....	1
37	PAOZZ		03005	MTW-18-GRN	WIRE, ELECTRICAL .....	1
38	PAOZZ	6145-01-481-7344	03005	THHN-8-BLK	WIRE, ELECTRICAL .....	1
39	PAOZZ	6145-01-481-7307	03005	THHN-8-GRN	WIRE, ELECTRICAL .....	1
40	PAOZZ		03005	THHN-10-BLK	WIRE, ELECTRICAL .....	1
41	PAOZZ		03005	THHN-10-BRN	WIRE, ELECTRICAL .....	1
42	PAOZZ	6145-01-481-7301	03005	THHN-10-GRN	WIRE, ELECTRICAL .....	1
43	PAOZZ		03005	THHN-10-ORG	WIRE, ELECTRICAL .....	1
44	PAOZZ		03005	THHN-10-RED	WIRE, ELECTRICAL .....	1
45	PAOZZ	6145-01-522-2739	03005	THHN-10-WHT	WIRE, ELECTRICAL .....	1

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
GROUP 99 BULK MATERIAL  
REPAIR PARTS LIST**

**0067 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 99 BULK MATERIAL FIGURE 117 BULK						
46	PAOZZ		03005	THHN-10-YEL	WIRE, ELECTRICAL .....	1
47	PAOZZ	6145-01-481-7305	03005	THHN-12-BLK	WIRE, ELECTRICAL .....	1
48	PAOZZ		03005	THHN-12-BLU	WIRE, ELECTRICAL .....	1
49	PAOZZ		03005	THHN-12-BRN	WIRE, ELECTRICAL .....	1
50	PAOZZ	6145-01-481-7306	03005	THHN-12-GRN	WIRE, ELECTRICAL .....	1
51	PAOZZ		03005	THHN-12-ORG	WIRE, ELECTRICAL .....	1
52	PAOZZ		03005	THHN-12-RED	WIRE, ELECTRICAL .....	1
53	PAOZZ	6145-01-481-7297	03005	THHN12-WHT	WIRE, ELECTRICAL .....	1
54	PAOZZ		03005	THHN-12-YEL	WIRE, ELECTRICAL .....	1
55	PAOZZ		03005	THHN-14-BLK	WIRE, ELECTRICAL .....	1
56	PAOZZ		03005	THHN-14-BLU	WIRE, ELECTRICAL .....	1
57	PAOZZ		03005	THHN-14-BRN	WIRE, ELECTRICAL .....	1
58	PAOZZ		03005	THHN-14-GRN	WIRE, ELECTRICAL .....	1
59	PAOZZ		03005	THHN-14-ORG	WIRE, ELECTRICAL .....	1
60	PAOZZ		03005	THHN-14-RED	WIRE, ELECTRICAL .....	1
61	PAOZZ		03005	THHN-14-WHT	WIRE, ELECTRICAL .....	1
62	PAOZZ		03005	THHN-14-YEL	WIRE, ELECTRICAL .....	1
63	PAOZZ		03005	THHN-16-BLK	WIRE, ELECTRICAL .....	1
64	PAOZZ		03005	THHN-16-BLU	WIRE, ELECTRICAL .....	1
64	PAOZZ		03005	THHN-16-GRN	WIRE, ELECTRICAL .....	1
66	PAOZZ		03005	THHN-16-RED	WIRE, ELECTRICAL .....	1
67	PAOZZ		03005	THHN-16-WHT	WIRE, ELECTRICAL .....	1
68	PAOZZ		03005	THHN-18-BLK	WIRE, ELECTRICAL .....	1
69	PAOZZ		03005	THHN-18-BLU	WIRE, ELECTRICAL .....	1
70	PAOZZ		03005	THHN-18-GRN	WIRE, ELECTRICAL .....	1
71	PAOZZ		03005	THHN-18-ORG	WIRE, ELECTRICAL .....	1
72	PAOZZ		03005	THHN-18-RED	WIRE, ELECTRICAL .....	1
73	PAOZZ		03005	THHN-18-WHT	WIRE, ELECTRICAL .....	1
74	PAOZZ		03005	THHN-18-YEL	WIRE, ELECTRICAL .....	1
END OF FIGURE						

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TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
SPECIAL TOOLS

0068 00

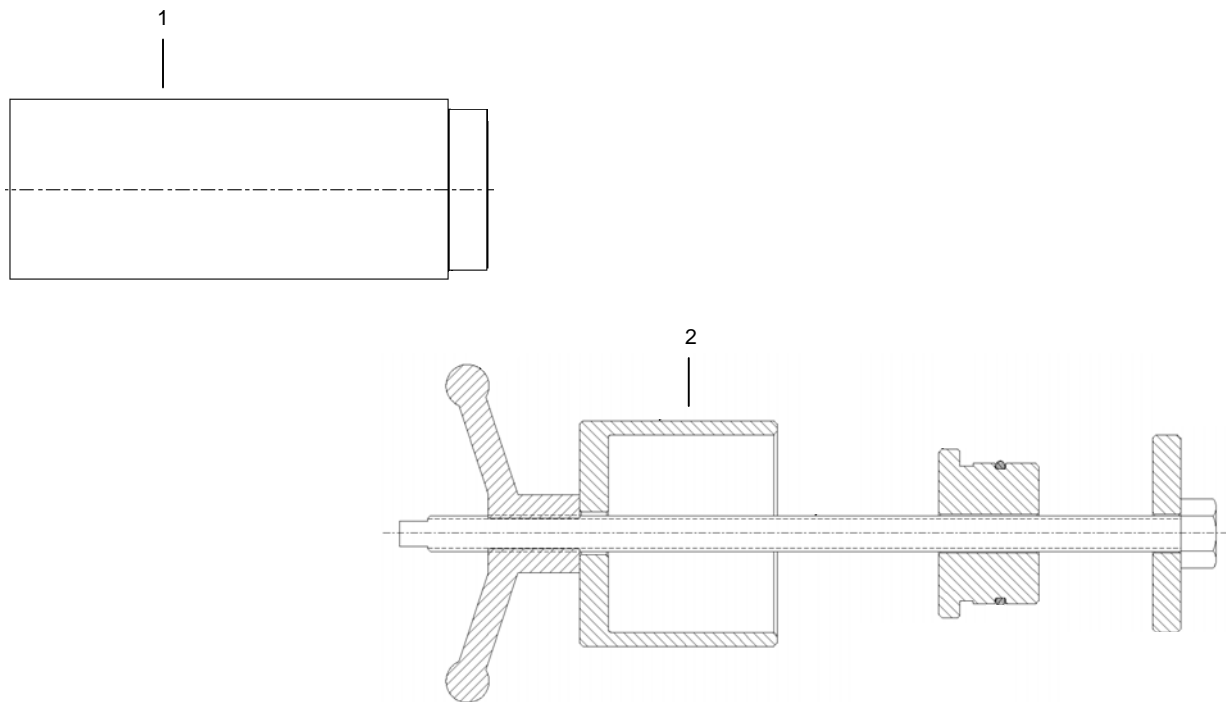


Figure 118. Special Tools.

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)  
SPECIAL TOOLS**

**0068 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
SPECIAL TOOLS FIGURE 118 SPECIAL TOOLS						
1	PAOZZ		71454	P502704	TOOL, CYLINDER LINER REMOVAL .....	1
2	PAOZZ		71454	P502677	TOOL, BEARING REMOVAL / INSTALLATION .....	1
END OF FIGURE						

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**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
NATIONAL STOCK NUMBER INDEX**

**0069 00**

STOCK NUMBER	FIG.	ITEM
4320-00-005-7560	7	17
4320-00-005-7560	14	14
4320-00-005-7560	19	14
4320-00-005-7560	95	17
5306-00-021-3623	63	14
5305-00-021-3740	26	8
5305-00-021-3740	51	6
5305-00-021-3740	63	45
5305-00-021-3740	73	11
5305-00-021-3801	33	19
5305-00-021-3801	45	28
5999-00-033-5512	74	51
5305-00-050-9234	59	13
5305-00-054-5649	5	21
5305-00-054-5649	13	21
5305-00-054-5649	18	21
5305-00-054-5649	23	21
5305-00-054-5649	93	21
5305-00-054-5651	5	30
5305-00-054-5651	5	20
5305-00-054-5651	13	15
5305-00-054-5651	13	25
5305-00-054-5651	13	20
5305-00-054-5651	18	15
5305-00-054-5651	18	24
5305-00-054-5651	18	20
5305-00-054-5651	23	15
5305-00-054-5651	23	25
5305-00-054-5651	23	20
5305-00-054-5651	93	30
5305-00-054-5651	93	20
5305-00-054-5652	74	47
5305-00-054-5652	74	43
5305-00-054-5652	77	36
5305-00-054-5652	77	30
5305-00-054-5652	77	25
5305-00-054-5652	77	20
5305-00-054-5652	77	14
5305-00-054-5652	77	10
5305-00-054-5652	77	2
5305-00-054-6652	75	2
5305-00-054-6655	77	41
5305-00-054-6670	5	32
5305-00-054-6670	76	11
5305-00-054-6670	93	32
5305-00-059-3661	40	38
5305-00-059-3662	15	18
5305-00-059-3662	15	24
5305-00-059-3665	110	6
5305-00-059-3665	110	16
5305-00-059-4862	87	2
5305-00-059-8481	58	2
5305-00-059-8504	70	12
5305-00-059-8504	87	7
5305-00-059-8594	70	17
5305-00-059-8597	15	31
5305-00-059-8597	87	10
5305-00-059-8601	70	6
5310-00-067-4903	70	3

STOCK NUMBER	FIG.	ITEM
5305-00-071-1318	109	12
4730-00-071-1671	67	11
4730-00-071-1671	68	14
5305-00-071-2070	114	5
5305-00-071-2092	82	5
5305-00-082-6721	74	14
4730-00-088-4554	71	3
5305-00-088-9671	30	7
5305-00-103-2072	114	7
4730-00-128-0196	67	4
4730-00-137-1888	63	50
4730-00-137-7875	64	5
4730-00-142-2010	57	1
5940-00-143-4771	65	8
5940-00-143-4771	87	18
5940-00-143-4777	9	13
5940-00-143-4777	8	13
5940-00-143-4777	45	15
5940-00-143-4777	97	13
5940-00-143-4777	96	13
5940-00-143-4780	14	21
5940-00-143-4780	19	20
5940-00-143-4780	24	25
5940-00-143-4780	43	18
5940-00-143-4780	61	53
5940-00-143-4794	40	53
4730-00-143-9044	64	11
5975-00-152-1075	5	22
5975-00-152-1075	14	24
5975-00-152-1075	19	23
5975-00-152-1075	59	23
5975-00-152-1075	74	57
5975-00-152-1075	77	76
5975-00-152-1075	77	76
5975-00-152-1075	81	3
5975-00-152-1075	87	13
5975-00-152-1075	93	22
5935-00-176-1708	23	13
5935-00-176-1708	77	39
5310-00-178-8631	85	25
5310-00-180-0277	66	2
5310-00-180-0277	84	8
5310-00-180-0277	84	16
5310-00-180-0277	84	3
5310-00-184-9562	63	13
5935-00-201-2770	79	11
5935-00-201-4610	79	7
5935-00-201-6655	88	20
5935-00-204-7587	77	29
5305-00-207-2297	10	6
5305-00-207-2297	98	6
5305-00-207-8253	5	10
5305-00-207-8253	13	7
5305-00-207-8253	18	7
5305-00-207-8253	23	7
5305-00-207-8253	63	43
5305-00-207-8253	61	2
5305-00-207-8253	61	1
5305-00-207-8253	70	1

STOCK NUMBER	FIG.	ITEM
5305-00-207-8253	93	10
5305-00-207-8253	106	6
5305-00-207-8253	111	12
5305-00-207-8253	115	6
5305-00-207-8253	115	2
4720-00-207-9096	42	14
4720-00-207-9096	45	32
5310-00-208-9255	70	8
5310-00-209-0790	5	36
5310-00-209-0790	48	10
5310-00-209-0790	74	39
5310-00-209-0790	77	52
5310-00-209-0790	93	36
5310-00-209-1239	70	18
5310-00-209-1239	82	14
5310-00-209-1239	82	24
5305-00-211-8193	86	16
5305-00-211-8193	86	20
5305-00-211-8193	86	30
5305-00-211-8193	86	22
5305-00-211-8193	86	17
5305-00-211-8193	86	28
5935-00-221-8620	13	13
5935-00-221-8620	77	33
5305-00-225-3661	33	8
5310-00-225-6993	48	2
5330-00-232-8436	7	11
5330-00-232-8436	14	8
5330-00-232-8436	19	8
5330-00-232-8436	95	11
5975-00-234-6779	87	14
4730-00-239-0189	63	19
4730-00-239-0189	71	4
5975-00-241-3657	24	21
5975-00-241-3657	43	16
4730-00-241-7651	38	18
4730-00-241-7651	37	29
5935-00-258-6736	79	5
5310-00-262-6369	26	5
5301-00-274-8887	15	16
5301-00-274-8887	15	29
5301-00-274-8887	15	26
5310-00-274-8887	75	5
5310-00-274-8887	77	42
5301-00-274-8887	87	12
4730-00-277-6599	64	18
4730-00-277-6599	67	2
4730-00-277-6599	68	17
4720-00-283-6413	9	8
4720-00-283-6413	6	16
4720-00-283-6413	97	8
4720-00-283-6413	94	16
5975-00-284-6978	65	9
5975-00-284-6978	81	1
5033-00-290-9891	13	23
5330-00-290-9891	18	23
5330-00-290-9891	23	23
5975-00-296-1669	5	24
5975-00-296-1669	58	21

**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
NATIONAL STOCK NUMBER INDEX**

**0069 00**

STOCK NUMBER	FIG.	ITEM
5975-00-296-1669	58	21
5975-00-296-1669	81	7
5975-00-296-1669	87	17
5975-00-296-1669	93	24
5330-00-301-6486	7	16
5330-00-301-6486	14	13
5330-00-301-6486	19	13
5330-00-301-6486	95	16
5310-00-329-9701	115	9
4730-00-360-9166	67	16
4730-00-360-9166	68	5
4720-00-408-7893	9	3
4720-00-408-7893	6	21
4720-00-408-7893	97	3
4720-00-408-7893	94	21
5330-00-432-4734	18	12
5330-00-432-4734	77	44
3030-00-445-4514	61	22
3040-00-454-5333	31	2
5305-00-478-0273	74	38
5305-00-478-0273	77	51
5340-00-489-5684	15	28
5340-00-489-5684	110	3
5340-00-489-5684	110	13
5340-00-489-5684	109	18
4730-00-490-6257	63	17
4730-00-490-6257	71	5
5905-00-492-5336	75	22
4320-00-497-5646	43	9
5310-00-527-3634	70	13
5310-00-527-3634	74	6
5310-00-527-3634	82	4
4730-00-529-2209	67	8
5310-00-535-2739	5	33
5310-00-535-2739	93	33
5310-00-543-2739	74	11
5310-00-543-2739	76	12
5310-00-543-2740	6	26
5310-00-543-2740	61	16
5310-00-543-2740	61	8
5310-00-543-2740	61	3
5310-00-543-2740	74	3
5310-00-543-2740	94	26
5306-00-543-4405	13	2
5306-00-543-4405	18	2
5306-00-543-4405	65	5
5305-00-543-4406	111	1
5305-00-543-4406	112	7
5310-00-543-5933	76	25
5975-00-548-8909	73	10
5310-00-550-5054	70	7
5310-00-550-5054	76	54
5310-00-550-5054	76	50
5310-00-550-5054	76	46
5310-00-550-5054	76	41
5310-00-550-5054	76	36
5310-00-550-5054	76	32
5310-00-550-5054	76	22
5310-00-550-5054	76	17

STOCK NUMBER	FIG.	ITEM
5310-00-550-5054	82	13
5310-00-550-5054	82	23
5310-00-550-5054	82	19
5935-00-553-2680	79	28
4730-00-560-4793	63	33
4730-00-560-4831	67	12
4730-00-560-4831	68	12
4730-00-560-4831	69	4
4730-00-560-4846	64	10
4730-00-560-4846	67	3
4730-00-560-4846	68	16
5305-00-576-5417	23	2
5305-00-576-5417	40	34
5305-00-576-5417	42	8
5305-00-576-5417	66	1
5305-00-576-5417	84	17
5305-00-576-5417	84	14
5305-00-576-5417	84	4
5305-00-576-5417	113	8
5975-00-577-8518	87	15
5305-00-579-2513	76	52
5305-00-579-2513	76	15
5305-00-579-2513	76	56
5305-00-579-2513	76	48
5305-00-579-2513	76	44
5305-00-579-2513	76	39
5305-00-579-2513	76	34
5305-00-579-2513	76	20
5305-00-579-2513	76	30
5305-00-579-2513	82	15
5305-00-579-2513	82	25
5305-00-579-2513	82	21
5935-00-581-7973	79	25
5310-00-582-5677	10	2
5310-00-582-5677	10	7
5310-00-582-5677	45	36
5310-00-582-5677	45	36
5310-00-582-5677	61	15
5310-00-582-5677	61	9
5310-00-582-5677	61	4
5310-00-582-5677	70	14
5310-00-582-5677	74	20
5310-00-582-5677	74	30
5310-00-582-5677	74	25
5310-00-582-5677	82	3
5310-00-582-5677	87	8
5310-00-582-5677	98	2
5310-00-582-5677	98	7
5310-00-582-5677	106	7
5310-00-582-5677	110	24
5310-00-582-5677	111	7
5310-00-582-5677	113	11
5310-00-582-5677	109	13
5310-00-582-5677	115	8
5310-00-582-5677	115	4
5935-00-583-8947	79	19
5310-00-584-7797	114	14
5310-00-584-7799	15	20
5331-00-588-0892	5	23

STOCK NUMBER	FIG.	ITEM
5331-00-588-0892	14	23
5331-00-588-0892	19	22
5331-00-588-0892	59	22
5331-00-588-0892	58	22
5331-00-588-0892	61	49
5331-00-588-0892	74	58
5331-00-588-0892	77	77
5331-00-588-0892	81	2
5331-00-588-0892	87	16
5331-00-588-0892	93	23
5310-00-614-3505	115	11
5310-00-616-3555	75	4
5935-00-617-7329	79	13
5310-00-619-1148	40	39
5310-00-619-1148	110	5
5310-00-619-1148	110	15
5310-00-625-5756	13	3
5310-00-625-5756	18	3
5310-00-625-5756	58	10
5310-00-625-5756	63	12
5310-00-625-5756	61	20
5310-00-625-5756	61	12
5310-00-625-5756	61	39
5310-00-625-5756	70	2
5310-00-625-5756	64	26
5310-00-625-5756	65	3
5310-00-625-5756	68	2
5310-00-625-5756	69	10
5310-00-625-5756	85	26
5305-00-632-2777	48	11
5935-00-636-5041	5	16
5935-00-636-5041	13	16
5935-00-636-5041	18	16
5935-00-636-5041	23	16
5935-00-636-5041	93	16
5935-00-636-5918	5	26
5395-00-636-5918	79	2
5306-00-637-9674	58	9
5306-00-637-9674	61	38
5306-00-637-9674	61	11
5306-00-637-9675	85	24
5305-00-638-9837	51	4
5330-00-641-4336	23	12
5330-00-641-4336	77	34
5330-00-641-8032	13	12
5330-00-641-8032	77	28
5975-00-642-7261	24	24
5975-00-642-7261	40	52
5975-00-642-7261	43	22
5975-00-642-7261	45	16
5975-00-642-7261	58	23
5975-00-642-7261	61	52
5975-00-642-7261	77	80
5975-00-642-7261	77	84
5975-00-642-7261	77	88
5975-00-642-7261	77	92
5975-00-642-7263	77	58
5310-00-655-6151	30	2
5306-00-655-6170	61	21



**ARMY TM 10-4610-309-24P  
MARINE CORPS TM 10802A-24P/2**

**TACTICAL WATER PURIFICATION SYSTEM (TWPS)  
NATIONAL STOCK NUMBER INDEX**

**0069 00**

STOCK NUMBER	FIG.	ITEM
5930-00-660-3947	5	15
5930-00-660-3947	93	15
5935-00-682-0361	77	40
5935-00-683-7824	13	22
5935-00-683-7824	18	22
5935-00-683-7824	23	22
4730-00-684-3794	63	48
4730-00-684-4065	49	13
5305-00-685-8156	41	7
4730-00-691-5460	71	10
5305-00-702-4523	45	35
5305-00-702-4523	74	32
5975-00-707-6229	81	4
5305-00-717-5467	61	16
5305-00-717-5467	84	11
5305-00-717-5467	84	18
5305-00-719-3997	6	27
5305-00-719-3997	45	40
5305-00-719-3997	74	5
5305-00-719-3997	94	27
5305-00-724-6762	115	12
5305-00-724-7834	110	12
5305-00-724-7834	113	10
5305-00-724-7841	110	2
5305-00-727-6804	33	7
5310-00-763-3413	6	8
5310-00-763-3413	15	17
5310-00-763-3413	15	30
5310-00-763-3413	15	25
5310-00-763-3413	94	8
5310-00-765-3197	86	31
5310-00-767-9425	33	2
5310-00-767-9425	41	5
5310-00-767-9425	48	1
5310-00-767-9425	61	26
5310-00-767-9425	113	2
5310-00-767-9425	114	4
5310-00-768-0321	114	6
5310-00-773-7618	5	38
5310-00-773-7618	5	3
5310-00-773-7618	23	3
5310-00-773-7618	26	6
5310-00-773-7618	40	32
5310-00-773-7618	42	3
5310-00-773-7618	48	9
5310-00-773-7618	51	10
5310-00-773-7618	51	2
5310-00-773-7618	63	46
5310-00-773-7618	63	55
5310-00-773-7618	66	3
5310-00-773-7618	61	47
5310-00-773-7618	61	17
5310-00-773-7618	67	27
5310-00-773-7618	74	40
5310-00-773-7618	77	53
5310-00-773-7618	73	3
5310-00-773-7618	84	9
5310-00-773-7618	84	16
5310-00-773-7618	84	2

STOCK NUMBER	FIG.	ITEM
5310-00-773-7618	93	38
5310-00-773-7618	93	4
5310-00-773-7618	111	2
5310-00-773-7618	113	7
5310-00-773-7618	112	5
5305-00-781-5663	109	5
5310-00-782-1349	74	48
5310-00-782-1349	74	44
5310-00-782-1349	77	3
5310-00-782-1349	77	11
5310-00-782-1349	77	15
5310-00-782-1349	77	21
5310-00-782-1349	77	26
5310-00-782-1349	77	31
5310-00-782-1349	77	37
4730-00-793-2701	63	51
4730-00-793-2765	71	16
5330-00-795-0441	5	17
5330-00-795-0441	13	17
5330-00-795-0441	18	17
5330-00-795-0441	23	17
5330-00-795-0441	93	17
5975-00-801-7411	77	82
5975-00-801-7411	77	86
5975-00-801-7411	77	90
5330-00-802-4966	40	51
5330-00-802-4966	45	17
5330-00-802-4966	77	81
5330-00-802-4966	77	85
5330-00-802-4966	77	89
5330-00-802-4966	77	93
5935-00-808-7458	77	19
5306-00-816-5272	69	14
4730-00-826-0093	64	3
5935-00-836-5853	13	11
5930-00-843-8990	81	27
4730-00-871-6729	9	2
4730-00-871-6729	9	7
4730-00-871-6729	6	19
4730-00-871-6729	6	14
4730-00-871-6729	97	2
4730-00-871-6729	97	7
4730-00-871-6729	94	19
4730-00-871-6729	94	14
5310-00-877-5797	110	4
5310-00-877-5797	110	14
5305-00-879-8351	84	10
5305-00-879-8351	84	10
5310-00-880-5967	87	3
5310-00-880-5976	77	43
5310-00-880-5977	6	25
5310-00-880-5977	94	25
5310-00-880-5978	5	34
5310-00-880-5978	30	4
5310-00-880-5978	58	3
5310-00-880-5978	93	34
5305-00-902-2138	30	8
4730-00-908-3144	54	9
5310-00-913-8881	5	37

STOCK NUMBER	FIG.	ITEM
5310-00-913-8881	51	5
5310-00-913-8881	93	37
5310-00-914-6028	42	2
5310-00-914-6028	51	9
5310-00-914-6028	63	47
5310-00-914-6028	61	33
5310-00-914-6028	61	44
5310-00-914-6028	73	18
5310-00-914-6028	84	12
5310-00-914-6028	84	17
5310-00-914-6028	111	6
5310-00-914-6028	113	6
5310-00-914-6028	112	4
5940-00-924-7831	45	11
5940-00-924-7831	58	26
5935-00-926-3090	87	21
4730-00-928-8768	64	4
5310-00-929-1807	10	8
5310-00-929-1807	45	37
5310-00-929-1807	63	42
5310-00-929-1807	69	11
5310-00-929-1807	74	29
5310-00-929-1807	87	9
5310-00-929-1807	98	8
5310-00-929-1807	111	8
5310-00-929-1807	113	12
5310-00-929-1807	109	14
5310-00-933-8118	5	29
5310-00-933-8118	5	19
5310-00-933-8118	13	14
5310-00-933-8118	13	24
5310-00-933-8118	13	19
5310-00-933-8118	18	14
5310-00-933-8118	18	25
5310-00-933-8118	18	19
5310-00-933-8118	23	14
5310-00-933-8118	23	24
5310-00-933-8118	23	19
5310-00-933-8118	93	29
5310-00-933-8118	93	19
5310-00-933-8121	10	4
5310-00-933-8121	98	4
5310-00-933-8121	106	9
5310-00-933-8121	111	13
5310-00-933-8121	115	7
5310-00-933-8121	115	3
5310-00-933-8778	33	18
5310-00-933-8778	45	29
5310-00-933-8778	114	3
5310-00-937-0453	115	10
5305-00-943-5929	45	7
5330-00-946-8344	5	27
5330-00-946-8344	77	6
5330-00-946-8344	93	27
5975-00-952-0021	61	48
5975-00-952-0021	77	74
5975-00-952-0021	77	70
5975-00-958-5140	74	55
5305-00-964-0635	42	6

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STOCK NUMBER	FIG.	ITEM
4730-00-971-8236	64	17
4730-00-972-8770	67	15
4730-00-972-8770	68	10
5310-00-974-6623	13	4
5310-00-974-6623	18	4
5310-00-982-6814	30	3
5310-00-982-6814	40	41
5310-00-982-6814	58	7
5975-00-982-9066	61	50
5975-00-983-9229	58	24
5975-00-983-9229	74	59
5975-00-983-9229	77	78
5305-00-984-4988	87	25
5310-00-984-7042	5	39
5310-00-984-7042	5	4
5310-00-984-7042	23	4
5310-00-984-7042	40	33
5310-00-984-7042	42	9
5310-00-984-7042	51	3
5310-00-984-7042	93	39
5310-00-984-7042	93	3
5305-00-988-7845	48	12
5310-00-989-5956	85	14
5305-00-990-0668	24	18
5305-00-990-0668	43	21
5975-00-990-5354	106	5
5975-00-995-5259	40	50
5975-00-995-5259	45	18
5975-00-995-5259	77	94
4820-01-006-3623	70	26
5935-01-006-9843	79	23
4730-01-009-0981	64	8
5930-01-012-7973	60	3
5975-01-026-2405	73	17
5330-01-066-9423	77	59
5970-01-071-8874	88	18
4730-01-072-1366	56	4
5305-01-084-1157	111	5
4730-01-091-9370	40	28
4730-01-091-9370	57	26
4730-01-091-9370	56	1
5975-01-097-1734	14	22
5975-01-097-1734	19	21
5310-01-104-6677	81	3
4730-01-111-1752	70	21
4730-01-111-1752	72	5
5915-01-114-9855	76	29
4730-01-115-0863	70	23
4730-01-115-0863	72	1
4730-01-115-0863	82	6
4820-01-115-3452	63	32
4820-01-115-3452	62	30
5935-01-117-6376	74	50
5935-01-122-4761	88	23
5330-01-132-5564	7	7
5330-01-132-5564	14	4
5330-01-132-5564	19	4
5330-01-132-5564	95	7
5340-01-135-0895	27	1

STOCK NUMBER	FIG.	ITEM
5340-01-135-0895	37	1
5340-01-135-0895	44	13
5935-01-138-6461	87	20
4730-01-138-6775	66	8
4820-01-158-6193	48	13
4730-01-162-4992	56	11
4730-01-162-7332	67	9
4730-01-162-7332	68	7
4730-01-162-7332	69	1
4730-01-165-9214	67	14
4720-01-166-3356	5	5
4720-01-166-3356	93	5
4730-01-167-2789	64	20
5120-01-174-4048	117	3
5310-01-175-6702	7	22
5310-01-175-6702	14	30
5310-01-175-6702	19	29
5310-01-175-6702	95	19
5935-01-175-8417	18	13
5935-01-175-8417	77	45
4730-01-177-0987	64	23
5935-01-181-6651	5	18
5935-01-181-6651	13	18
5935-01-181-6651	18	18
5935-01-181-6651	23	18
5935-01-181-6651	93	18
4730-01-184-0097	64	16
4730-01-184-0097	68	15
5935-01-184-7188	5	28
5935-01-184-7188	77	5
5935-01-184-7188	93	28
4730-01-186-8672	67	18
4730-01-186-8672	68	6
5340-01-196-6479	108	11
5975-01-206-1521	5	14
5975-01-206-1521	93	14
4730-01-206-4814	64	19
4730-01-206-4814	67	1
4730-01-206-4814	68	13
5935-01-223-1564	77	24
5310-01-229-6260	110	23
5935-01-231-3115	18	11
5331-01-233-3248	62	11
5331-01-233-3248	62	9
4820-01-235-7888	68	11
4730-01-238-0179	25	4
4730-01-238-0179	32	1
4730-01-238-0179	40	45
4730-01-238-0179	44	18
4730-01-238-0179	47	7
4730-01-238-0179	50	23
4730-01-238-0179	54	17
4730-01-238-0179	57	27
4730-01-238-0179	56	16
5310-01-238-0650	7	25
5310-01-238-0650	14	28
5310-01-238-0650	19	27
5310-01-238-0650	95	22
5330-01-247-8525	47	5

STOCK NUMBER	FIG.	ITEM
5330-01-247-8525	50	2
5330-01-247-8525	53	3
5330-01-247-8525	54	2
5330-01-247-8525	55	3
5310-01-253-3717	87	11
4720-01-256-9242	9	6
5935-01-260-9651	93	26
4730-01-261-3979	70	22
5310-01-264-9409	33	5
5330-01-271-5159	27	31
5330-01-271-5788	38	2
5330-01-271-5788	44	21
4730-01-275-9122	69	3
4820-01-282-2501	62	16
4730-01-284-9087	64	13
4730-01-295-7186	15	9
5970-01-298-6478	45	12
5940-01-300-4631	45	13
5330-01-302-7671	24	1
5330-01-302-7671	43	1
4820-01-308-9510	70	11
2944-01-310-4495	8	2
2944-01-310-4495	96	2
2910-01-310-6566	6	7
2910-01-310-6566	94	7
4320-01-311-9777	43	6
4730-01-316-9220	69	8
5935-01-317-4325	76	28
5331-01-317-6284	6	6
5331-01-317-6284	94	6
4730-01-322-4956	4	29
4730-01-322-4956	97	29
5360-01-322-8631	9	13
5360-01-322-8631	97	21
2990-01-323-1322	8	7
2990-01-323-1322	96	7
2815-01-323-1352	11	14
2815-01-323-1352	99	14
5331-01-323-2728	9	14
4330-01-323-3288	8	10
4330-01-323-3288	96	9
2940-01-323-3289	8	1
2940-01-323-3289	96	1
4820-01-323-5034	6	12
4820-01-323-5034	94	12
5306-01-323-5440	11	19
5306-01-323-5440	99	19
4820-01-323-7325	59	4
4820-01-323-7325	59	4
4820-01-323-7325	85	20
5340-01-323-7785	6	5
5340-01-323-7785	94	5
5360-01-324-3995	11	16
5360-01-324-3995	99	16
5330-01-324-8253	12	3
5330-01-324-8253	100	3
5331-01-324-8831	11	3
5331-01-324-8831	99	3
5340-01-324-8850	11	15

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STOCK NUMBER	FIG.	ITEM
5340-01-324-8850	99	15
5331-01-325-5810	6	11
5331-01-325-5810	94	11
5330-01-326-2669	9	17
5330-01-326-2669	97	17
4320-01-327-5409	24	2
4320-01-327-5409	43	2
5331-01-328-4148	11	7
5331-01-328-4148	99	7
5330-01-328-4171	9	24
4240-01-328-4878	6	3
4240-01-328-4878	94	3
5331-01-330-9612	6	4
5331-01-330-9612	94	4
5340-01-339-0163	76	42
5930-01-340-9137	77	17
5945-01-344-2503	76	27
5975-01-345-6512	14	25
5975-01-345-6512	19	24
5975-01-345-6512	24	22
5975-01-345-6512	43	19
5975-01-345-6512	45	14
5975-01-345-6512	58	20
5975-01-345-6512	61	51
4730-01-346-4681	69	7
5930-01-348-5821	75	27
5930-01-348-5821	77	7
5330-01-349-6190	3	2
5330-01-349-6190	4	2
5330-01-349-6190	22	2
5330-01-349-6190	24	13
5330-01-349-6190	22	4
5330-01-349-6190	25	8
5330-01-349-6190	88	2
5330-01-349-6190	90	10
5330-01-349-8921	7	13
5330-01-349-8921	7	19
5330-01-349-8921	4	35
5330-01-349-8921	4	24
5330-01-349-8921	15	2
5330-01-349-8921	4	6
5330-01-349-8921	14	10
5330-01-349-8921	14	9
5330-01-349-8921	4	17
5330-01-349-8921	4	4
5330-01-349-8921	17	29
5330-01-349-8921	17	19
5330-01-349-8921	17	16
5330-01-349-8921	17	3
5330-01-349-8921	19	10
5330-01-349-8921	17	6
5330-01-349-8921	17	9
5330-01-349-8921	17	12
5330-01-349-8921	17	44
5330-01-349-8921	58	19
5330-01-349-8921	89	6
5330-01-349-8921	90	6
5330-01-349-8921	90	12
5330-01-349-8921	90	8

STOCK NUMBER	FIG.	ITEM
5330-01-349-8921	92	16
5330-01-349-8921	92	26
5330-01-349-8921	92	25
5330-01-349-8921	92	13
5330-01-349-8921	95	13
5330-01-349-8921	92	7
5330-01-349-8921	92	10
5330-01-349-8921	92	3
5330-01-349-8921	116	10
5330-01-349-8921	116	12
5940-01-350-4066	14	20
5940-01-350-4066	19	19
5940-01-350-4066	24	26
5940-01-350-4066	43	17
5940-01-350-4066	61	54
4720-01-352-6920	59	5
4720-01-352-6920	85	17
5330-01-353-6007	12	1
5330-01-353-6007	100	2
2815-01-353-7523	9	9
2815-01-353-7523	97	19
6695-01-355-0113	52	14
4730-01-357-9121	4	19
5305-01-365-4863	10	3
5305-01-365-4863	98	3
5305-01-368-2956	63	2
4730-01-369-2012	82	7
5310-01-373-6951	115	16
5355-01-376-5782	58	4
5355-01-378-6213	75	40
5930-01-387-6553	75	41
5305-01-388-6229	4	30
5305-01-388-6229	97	30
5310-01-388-8826	4	28
5310-01-388-8826	6	28
5310-01-388-8826	97	28
5310-01-388-8826	94	28
2815-01-389-9590	11	9
2815-01-389-9590	99	9
2815-01-393-9880	11	2
2815-01-393-9880	99	2
4820-01-408-7339	69	6
6695-01-410-8233	76	4
2910-01-416-1681	6	2
2910-01-416-1681	94	2
4730-01-416-9698	9	16
4730-01-416-9698	97	16
5360-01-418-7397	4	34
5360-01-418-7397	97	34
5315-01-419-3890	24	5
5315-01-419-3890	43	5
3950-01-419-4685	113	5
5360-01-419-5483	9	12
5360-01-419-5483	97	20
5330-01-419-8326	24	7
5330-01-419-8326	43	7
5331-01-419-8327	24	4
5331-01-419-8327	43	4
5331-01-420-2606	5	12

STOCK NUMBER	FIG.	ITEM
5331-01-420-2606	13	9
5331-01-420-2606	18	9
5331-01-420-2606	93	12
5305-01-420-6834	24	8
5305-01-420-6834	43	8
5305-01-422-9270	30	1
5305-01-422-9270	61	34
5305-01-422-9270	113	3
4320-01-423-8727	24	6
4520-01-424-6353	8	5
4520-01-424-6353	96	5
5310-01-424-8423	33	1
5310-01-424-8423	41	4
4320-01-426-2369	24	9
5340-01-430-4761	4	33
5340-01-430-4761	97	33
5310-01-431-4064	11	17
5310-01-431-4064	99	17
5310-01-431-4068	11	18
5310-01-431-4068	99	18
5310-01-432-5626	74	26
5310-01-432-5626	74	21
5310-01-432-5626	74	31
5340-01-433-5456	4	31
5340-01-433-5456	97	31
5340-01-433-5460	11	21
5340-01-433-5460	99	21
7021-01-436-0929	76	2
5998-01-436-2770	76	1
5998-01-436-9925	76	3
5330-01-438-0669	102	3
5330-01-438-0669	103	3
5330-01-438-0669	104	3
5330-01-438-0669	105	3
5330-01-438-0669	106	3
5330-01-438-0669	107	3
5330-01-438-0669	108	3
5330-01-438-0669	110	8
5330-01-438-0669	110	19
5310-01-439-5917	110	22
5320-01-440-3092	109	19
4010-01-449-1951	2	3
5340-01-449-3915	11	20
5340-01-449-3915	99	20
4730-01-449-7483	63	31
4730-01-449-7483	62	29
4330-01-454-5502	52	8
5310-01-458-9991	11	10
5310-01-458-9991	99	10
4730-01-459-9480	62	17
5340-01-460-1325	64	1
7035-01-460-2261	76	6
5331-01-460-2647	62	4
4820-01-460-3053	63	52
4820-01-460-3053	64	6
4820-01-460-3065	64	2
4310-01-460-3402	62	31
4310-01-460-3404	62	8
4310-01-460-3415	62	10

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STOCK NUMBER	FIG.	ITEM
4310-01-460-3698	62	13
4310-01-460-3703	62	2
4310-01-460-4592	63	23
4310-01-460-4603	62	35
4310-01-460-4626	62	6
5998-01-460-4777	76	5
5330-01-460-5428	62	18
5331-01-460-5432	62	37
5331-01-460-5435	63	6
4310-01-460-6470	62	19
4310-01-460-6473	62	34
5305-01-460-6475	62	7
5305-01-460-6475	62	14
4310-01-460-6548	62	33
5305-01-460-6980	62	36
4310-01-460-7980	63	7
5305-01-460-9554	62	3
5331-01-461-1631	63	5
5360-01-461-4206	62	12
5310-01-465-0830	106	10
4730-01-467-1501	26	1
4730-01-467-1526	57	4
5430-01-470-7380	17	3
5430-01-470-7380	91	2
4730-01-475-5382	67	13
5930-01-475-9237	62	1
5310-01-475-9244	67	26
5330-01-477-4043	8	4
5330-01-477-4043	96	4
5310-01-478-8691	58	11
5310-01-478-8691	61	19
5310-01-478-8691	61	13
5310-01-478-8691	61	40
5310-01-478-8691	64	27
5310-01-478-8691	65	2
5310-01-478-8691	68	1
5310-01-479-0778	74	12
5340-01-481-3342	45	39
4730-01-481-3606	57	22
4730-01-481-5419	24	16
5310-01-483-2619	63	54
1630-01-486-3225	76	9
5365-01-486-3251	9	4
5365-01-486-3251	97	25
5330-01-486-4449	9	7
5330-01-486-4449	97	22
5310-01-486-6770	5	11
5310-01-486-6770	13	8
5310-01-486-6770	18	8
5310-01-486-6770	23	8
5310-01-486-6770	93	11
6350-01-489-0357	75	18
6645-01-490-5671	75	1
5355-01-492-2044	75	42
4730-01-494-9730	4	42
4730-01-494-9730	19	16
4520-01-497-3230	76	55
5305-01-497-7833	74	9
4730-01-499-6583	32	8

STOCK NUMBER	FIG.	ITEM
6130-01-503-4033	76	24
5330-01-505-5171	52	9
5305-01-506-3425	86	8
4730-01-511-7247	63	39
5940-01-512-4481	87	19
5998-01-515-9789	76	7
5305-01-516-6128	15	22
5940-01-518-3023	87	24
5340-01-526-0665	17	39
5330-01-526-0670	17	41
4730-01-526-0671	17	31
5340-01-526-0676	4	43
4730-01-526-0681	1	5
5330-01-526-0687	63	26
5330-01-526-0687	63	10
5310-01-526-0692	7	4
5305-01-526-0694	7	2
5310-01-526-0698	7	3
4720-01-526-0699	63	15
5340-01-526-0709	7	21
4820-01-526-0721	7	10
5340-01-526-0722	17	13
4320-01-526-0729	59	11
5305-01-526-0733	7	24
5307-01-526-0735	7	23
5340-01-526-0738	63	49
4730-01-526-0741	63	34
5305-01-526-0747	5	2
4820-01-526-0748	63	18
5360-01-526-0752	59	3
4020-01-526-0755	1	1
4720-01-526-0756	4	1
5975-01-526-0757	5	9
6150-01-526-0761	10	5
4810-01-526-0763	63	35
5305-01-526-0763	63	53
4720-01-526-0764	9	1
4820-01-526-0766	59	8
5331-01-526-0778	59	2
5310-01-526-0781	59	7
4820-01-526-0786	59	17
4820-01-526-0791	59	15
4820-01-526-0811	59	6
5945-01-526-0812	63	36
4730-01-526-0829	14	8
4820-01-526-1034	1	15
4720-01-526-1036	1	14
4720-01-526-1040	4	7
6105-01-526-1048	61	45
4820-01-526-1050	59	1
4820-01-526-1053	59	16
4310-01-526-1059	61	18
4730-01-526-1064	62	25
6680-01-526-1068	62	5
4810-01-526-1080	70	5
5945-01-526-1096	70	4
4730-01-526-1118	70	10
5970-01-526-1130	40	35
5330-01-526-1132	40	7

STOCK NUMBER	FIG.	ITEM
5310-01-526-1134	40	9
4230-01-526-1138	55	1
5330-01-526-1151	40	19
5330-01-526-1158	40	18
4730-01-526-1162	62	25
4730-01-526-1166	62	26
6685-01-526-1168	40	42
4520-01-526-1171	40	30
4730-01-526-1172	85	4
4730-01-526-1173	63	40
5330-01-526-1178	85	5
4720-01-526-1202	85	15
4730-01-526-1209	67	22
5340-01-526-1217	40	16
5340-01-526-1225	40	24
5340-01-526-1229	40	17
5331-01-526-1230	85	7
5340-01-526-1232	85	8
5980-01-526-1450	75	16
5980-01-526-1452	75	14
3460-01-526-1453	40	36
5999-01-526-1456	75	45
5999-01-526-1457	75	3
5999-01-526-1459	75	15
5306-01-526-1461	85	13
5306-01-526-1464	64	25
6220-01-526-1466	75	44
6220-01-526-1467	75	10
6220-01-526-1469	75	6
4820-01-526-1470	64	21
5340-01-526-1475	40	37
6685-01-526-1482	40	49
4820-01-526-1488	43	12
6685-01-526-1490	64	15
5340-01-526-1492	42	5
4730-01-526-1501	64	14
5310-01-526-1511	42	4
4820-01-526-1515	44	9
5310-01-526-1516	44	38
5330-01-526-1517	44	37
4720-01-526-1519	44	34
4820-01-526-1525	64	12
4820-01-526-1531	67	10
5945-01-526-1548	67	19
5945-01-526-1549	67	5
4730-01-526-1559	64	7
4730-01-526-1562	67	21
5310-01-526-1566	45	6
5905-01-526-1568	44	6
6685-01-526-1569	44	5
6685-01-526-1571	44	7
5340-01-526-1579	45	5
3010-01-526-1608	45	25
3010-01-526-1610	45	24
3010-01-526-1614	45	23
5315-01-526-1615	45	22
4730-01-526-1616	45	30
4730-01-526-1622	45	31
4730-01-526-1628	45	26

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STOCK NUMBER	FIG.	ITEM
4730-01-526-1630	45	33
4820-01-526-1740	67	24
5975-01-526-1749	45	42
5999-01-526-1753	75	26
5342-01-526-1755	47	4
4820-01-526-1759	47	14
4720-01-526-1764	47	18
4810-01-526-1770	67	6
4810-01-526-1772	67	17
5930-01-526-1780	75	25
5340-01-526-1781	47	9
5340-01-526-1783	47	13
5930-01-526-1787	75	21
5930-01-526-1790	75	34
5340-01-526-1803	48	12
4730-01-526-1806	67	23
5930-01-526-1809	75	29
5930-01-526-1809	75	19
6150-01-526-1813	79	6
5340-01-526-1818	79	8
5935-01-526-1829	79	9
4730-01-526-1831	67	7
5930-01-526-1833	75	31
4730-01-526-1834	48	6
4710-01-526-1838	48	8
5340-01-526-1843	79	14
5935-01-526-1850	79	16
6685-01-526-1852	67	25
4730-01-526-1856	48	15
5935-01-526-1859	79	17
6150-01-526-1868	74	42
6150-01-526-1869	74	46
4820-01-526-1871	50	10
4730-01-526-1874	79	10
4730-01-526-1880	79	15
5340-01-526-1892	79	20
4730-01-526-1905	79	22
5340-01-526-1906	79	3
5935-01-526-1909	79	21
5935-01-526-1909	79	4
4730-01-526-1914	67	20
5330-01-526-1926	65	6
5330-01-526-1927	65	5
5340-01-526-1931	64	24
4820-01-526-1938	50	29
4720-01-526-1940	50	3
5330-01-526-1941	51	13
5340-01-526-1943	51	14
5306-01-526-1947	51	12
5340-01-526-1955	52	12
6685-01-526-1957	44	4
6105-01-526-1961	45	19
5935-01-526-2209	77	13
5975-01-526-2210	77	9
5930-01-526-2211	77	23
5430-01-526-2212	20	1
4730-01-526-2213	20	2
4020-01-526-2214	20	3
4720-01-526-2215	22	1

STOCK NUMBER	FIG.	ITEM
6150-01-526-2217	24	20
4720-01-526-2218	20	6
5331-01-526-2283	26	3
4730-01-526-2285	27	26
4820-01-526-2286	27	25
5310-01-526-2288	27	9
5305-01-526-2292	27	12
5305-01-526-2295	27	20
4820-01-526-2296	27	18
5331-01-526-2298	27	2
5331-01-526-2299	52	3
5330-01-526-2301	27	23
4820-01-526-2303	27	6
4820-01-526-2304	27	11
5340-01-526-2306	51	7
5342-01-526-2307	27	30
4820-01-526-2310	54	7
6685-01-526-2314	27	13
4730-01-526-2318	54	13
5340-01-526-2320	30	9
4820-01-526-2322	55	1
4730-01-526-2324	30	6
4820-01-526-2330	57	35
5342-01-526-2332	38	1
4820-01-526-2333	57	24
4820-01-526-2335	57	32
4730-01-526-2352	38	5
4730-01-526-2355	38	11
4820-01-526-2390	37	6
6150-01-526-2412	79	12
6150-01-526-2419	79	1
6150-01-526-2420	79	18
4820-01-526-2422	37	34
5305-01-526-2424	37	4
5340-01-526-2425	37	36
5331-01-526-2460	37	37
5340-01-526-2473	37	19
6150-01-526-2479	79	24
5330-01-526-2481	37	20
4730-01-526-2484	81	8
5330-01-5262486	37	41
4730-01-526-2491	81	9
4730-01-526-2492	37	16
6625-01-526-2503	81	29
4820-01-526-2507	37	17
4730-01-526-2510	37	13
4810-01-526-2512	82	2
4820-01-526-2515	35	5
4820-01-526-2517	35	8
4820-01-526-2526	36	1
5305-01-526-2527	35	1
4820-01-526-2531	32	12
4820-01-526-2538	32	7
4820-01-526-2539	56	17
5310-01-526-2738	23	9
5340-01-526-2794	24	11
4730-01-526-2802	24	17
5310-01-526-2812	27	29
5306-01-526-2820	27	28

STOCK NUMBER	FIG.	ITEM
4730-01-526-2824	71	6
4730-01-526-2831	71	14
4730-01-526-2836	71	8
4720-01-526-2837	116	1
4730-01-526-2841	71	1
4720-01-526-2846	116	6
4720-01-526-2855	116	9
4730-01-526-2858	116	3
4730-01-526-2859	116	7
4820-01-526-2860	116	11
4730-01-526-2880	69	5
5340-01-526-2881	88	21
5905-01-526-2885	75	23
4730-01-526-2888	71	13
5935-01-526-2889	88	19
5340-01-526-2890	88	22
4730-01-526-2891	72	4
5305-01-526-2934	74	4
5340-01-526-2963	102	2
5330-01-526-2972	103	5
5305-01-526-2986	110	26
5945-01-526-2990	86	18
5930-01-526-2999	86	21
4130-01-526-3003	86	12
4130-01-526-3004	86	11
4530-01-526-3009	86	4
5310-01-526-3012	86	5
6150-01-526-3020	87	23
4730-01-526-3057	85	3
5340-01-526-3069	85	6
4010-01-526-3072	113	13
5305-01-526-3079	114	11
5360-01-526-3087	86	6
2920-01-526-3093	86	7
4730-01-526-3301	24	12
4730-01-526-3302	24	14
4320-01-526-3303	24	3
4730-01-526-3306	85	16
5340-01-526-3315	25	7
4810-01-526-3323	31	1
5340-01-526-3329	85	9
5305-01-526-3330	31	18
5310-01-526-3331	31	19
4710-01-526-3333	85	10
4730-01-526-3339	85	11
5365-01-526-3342	114	10
4540-01-526-3345	88	16
4540-01-526-3346	88	3
4540-01-526-3347	88	4
4540-01-526-3348	88	5
4820-01-526-3349	29	2
4810-01-526-3350	29	1
4540-01-526-3354	88	6
4540-01-526-3355	88	7
5305-01-526-3369	29	15
5310-01526-3370	29	16
5310-01-526-3372	58	27
5340-01-526-3390	58	6
4810-01-526-3397	28	1

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STOCK NUMBER	FIG.	ITEM
5355-01-526-3401	58	5
6680-01-526-3440	27	15
6685-01-526-3457	27	22
5310-01-526-3459	114	9
5330-01-526-3460	38	6
5330-01-526-3468	38	12
4540-01-526-3472	88	8
4730-01-526-3473	16	10
4540-01-526-3474	88	9
4540-01-526-3475	88	11
4540-01-526-3476	88	12
4540-01-526-3477	88	14
4720-01-526-3479	17	7
4540-01-526-3481	88	17
5330-01-526-3482	37	14
4720-01-526-3485	17	14
4720-01-526-3490	17	1
4820-01-526-3498	17	4
5331-01-526-3500	34	7
5331-01-526-3501	34	6
5331-01-526-3503	34	4
5331-01-526-3504	34	12
5331-01-526-3506	34	9
5331-01-526-3507	34	3
5325-01-526-3510	34	1
4810-01-526-3513	34	5
6110-01-526-3516	18	6
5310-01-526-3519	114	8
4720-01-526-3522	16	8
4720-01-526-3524	16	2
5305-01-526-3526	114	2
4730-01-526-3530	90	7
5340-01-526-3531	17	40
4730-01-526-3534	90	9
4730-01-526-3536	90	5
4730-01-526-3538	16	1
4730-01-526-3540	90	2
5315-01-526-3545	114	13
4730-01-526-3550	17	32
4730-01-526-3555	17	17
4330-01-526-3559	34	2
5340-01-526-3564	7	20
4730-01-526-3568	90	4
4610-01-526-3570	34	13
4730-01-526-3571	90	3
4730-01-526-3574	17	24
5950-01-526-3578	86	15
4730-01-526-3580	17	22
4330-01-526-3583	34	8
5340-01-526-3589	34	10
4330-01-526-3591	86	10
4610-01-526-3593	34	11
4820-01-526-3595	17	21
4610-01-526-3600	33	14
5331-01-526-3606	33	11
5310-01-526-3607	33	4
5310-01-526-3609	33	6
4730-01-526-3614	17	34
5365-01-526-3618	33	21

STOCK NUMBER	FIG.	ITEM
5365-01-526-3621	33	9
5365-01-526-3622	33	15
5330-01-526-3624	52	11
4320-01-526-3632	59	9
5340-01-526-3635	20	10
4710-01-526-3796	90	1
5365-01-526-3813	115	15
4030-01-526-4137	2	4
4730-01-526-4146	4	37
4730-01-526-4149	4	38
4820-01-526-4151	4	41
4210-01-526-4166	4	39
4730-01-526-4183	4	40
4810-01-526-4219	82	8
5945-01-526-4365	82	9
5330-01-526-4417	116	2
5330-01-526-4418	116	5
5330-01-526-4619	5	35
6150-01-526-4621	5	25
4320-01-526-4622	5	8
5340-01-526-4624	7	12
4730-01-526-4625	7	18
4010-01-526-4626	7	15
4730-01-526-4629	70	24
4820-01-526-4630	4	21
5340-01-526-4634	61	55
4730-01-526-4641	4	20
4730-01-526-4644	4	22
6685-01-526-4647	70	16
5340-01-526-4653	40	6
5305-01-526-4654	40	2
5310-01-526-4655	40	36
5310-01-526-4658	40	4
5305-01-526-4662	40	10
5305-01-526-4664	40	14
4610-01-526-4677	40	22
4730-01-526-4688	40	27
4320-01-526-4691	45	27
5330-01-526-4834	41	6
5342-01-526-4836	44	32
5305-01-526-4845	44	36
5310-01-526-4850	45	3
5310-01-526-4853	45	2
5305-01-526-4924	46	1
5310-01-526-4927	46	2
4730-01-526-4928	46	5
5305-01-526-4931	46	8
5310-01-526-4932	46	9
3120-01-526-4956	46	27
3120-01-526-4958	46	28
5305-01-526-4959	46	33
5310-01-526-4961	46	35
5330-01-526-4964	45	10
5305-01-526-4998	45	8
5310-01-526-5003	45	9
5305-01-526-5017	45	21
2815-01-526-5038	5	1
4730-01-526-5041	9	5
4730-01-526-5044	9	10

STOCK NUMBER	FIG.	ITEM
5330-01-526-5104	8	3
5330-01-526-5105	8	11
2990-01-526-5116	8	6
2910-01-526-5117	9	6
2910-01-526-5119	9	3
2815-01-526-5120	11	8
6685-01-526-5201	47	20
4820-01-526-5208	50	4
5340-01-526-5214	51	11
3040-01-526-5216	52	15
6680-01-526-5244	9	15
4320-01-526-5283	46	31
5330-01-526-5287	46	3
5330-01-526-5288	46	4
5325-01-526-5290	46	6
4310-01-526-5291	46	21
5340-01-526-5293	46	34
5340-01-526-5306	45	20
4320-01-526-5315	52	6
5310-01-526-5319	52	17
5330-01-526-5330	52	13
5330-01-526-5339	9	8
5325-01-526-5359	52	7
4730-01-526-5360	52	4
5330-01-526-5361	52	5
4710-01-526-5490	49	14
5307-01-526-5555	52	10
4610-01-526-5596	52	18
5365-01-526-5600	52	2
4710-01-526-5885	9	27
4320-01-526-9100	7	1
3040-01-526-9102	7	5
4320-01-526-9106	7	6
4320-01-526-9224	7	9
5301-01-526-9245	7	26
5305-01-526-9251	7	8
5305-01-526-9251	8	14
5305-14-469-8502	11	12
5305-14-469-8502	99	12
2920-21-910-1201	10	9
2920-21-91-01201	98	9

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PART NUMBER	FIG	ITEM
0103125.15	76	62
	82	26
010528	62	12
012293	63	2
0125116.01	82	29
	76	60
012784	62	33
012785	62	34
012786	62	36
013757	62	9
013758	62	8
013930	62	32
013937	62	39
014150	62	38
014696	62	13
014886	62	5
014906	62	6
0165113.16	76	23
	82	28
0182	42	4
0183	45	6
047-08232	50	3
047-08237	50	21
047-08239	54	4
047-08241	25	1
050-260H-U2.5MONEL	44	7
058138	62	16
058821A	63	7
061237	63	3
061860	63	23
067612	62	31
069954	62	2
069965	62	15
069966	62	20
079416/TWPS	63	20
080146	63	8
080147	63	4
080148	63	9
1012	2	5
10333	33	13
10334	34	1
10336	34	13
10338	34	11
1150-4-656	56	9
12-4-656	57	7
1354-6	5	33
	93	33
10105374	106	5
10108.06	76	26
1010920P	49	8
1010920T	49	5
10202	70	11
10293091	68	5
	67	16
10322	59	16
10-329391-14	88	21
10-329391-16	79	3
	79	26
10-329391-20	79	8

PART NUMBER	FIG	ITEM
10-329391-22	79	14
10-329391-24	79	20
10-329392-14	88	22
	88	22
10338	59	4
	85	20
10342	59	5
	85	17
10-40450-12	74	51
	74	51
10-40450-14	13	17
	18	17
	23	17
	5	17
	93	17
10-40450-16	77	6
	5	27
	93	27
	77	6
	77	6
10-40450-18	13	23
	18	23
	23	23
10-40450-20	77	28
	13	12
10-40450-22	77	34
	23	12
10-40450-24	77	44
	18	12
1042-66820	4	34
	97	34
10512677	5	32
	93	32
10540572	34	4
10540573	34	6
10540574	34	12
10540575	34	9
10540576	34	3
10540577	33	11
10540578	33	12
	34	7
105425-01690	4	29
	97	29
10B-SS	15	11
10D-FDAPOLY	4	12
10D-FDAPOLY	4	27
10F-SS	4	15
10VW1	76	29
1191	1	1
	2	1
1103981	46	35
111039	33	14
114250-01221	11	18
	99	18
114250-01251	11	11
	99	12
114250-01380	11	7
	99	7
114250-01412	12	1

PART NUMBER	FIG	ITEM
114250-01412	1	2
114250-11120	11	16
	99	16
114250-11180	11	15
	99	15
114250-11340	11	3
	99	3
114250-116	11	17
	99	17
114250-12211	8	3
	96	3
114250-12581	8	2
	96	2
114250-13201	8	11
	96	11
114250-13521	8	10
	96	9
114250-14451	11	9
	99	9
114250-35110	9	9
	97	19
114250-551	94	3
	6	3
114250-55121	94	7
	6	7
114250-55301	94	12
	6	12
114250-66050	4	33
	97	33
114250-662	9	13
	97	21
114250-766	11	21
	99	21
114250-76610	11	20
	99	20
114260-76250	8	6
	96	6
114299-01760	97	15
114299-661	4	32
	97	32
114362-77011	10	9
	98	9
114770-66010	9	12
	97	20
114771-01330	11	1
	99	1
114771-11020	99	8
	11	8
114771-111	11	5
	99	5
114771-11110	11	6
	99	6
114771-11250	11	13
	99	13
114771-11310	9	8
	11	4
	99	4
114771-11461	9	7
	97	22

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114771-11470	9	4
	97	25
114771-11950	11	22
	99	22
114771-59801	97	25
11608950-2	57	26
	56	1
	40	28
119260-11370	11	2
	99	2
1291	34	10
1292	34	8
1293	34	5
1201	34	2
12273192	6	19
	6	14
	94	19
	94	14
124950-01250	11	10
	99	10
127045	56	4
1291-77510	8	4
	96	4
	8	5
	96	5
12SPNX1 3/8SS	64	10
	68	16
	67	3
1-2X3-8PTRSS	67	15
13017	64	18
	68	17
	67	2
13211	114	2
13218E0320-293	51	5
	5	37
	93	37
13229E0692-1	57	4
13229E0692-5	26	1
13MHHM-4-S	27	1
	37	1
	44	13
13MHHS-2-S	57	22
	5	22
141	14	24
	19	23
	59	23
	74	57
	77	76
	81	3
	81	3
	81	3
	87	13
	93	22
142	24	24
	40	52
	43	22
	45	16
	58	23
	61	52

PART NUMBER	FIG	ITEM
142	77	80
	77	84
	77	88
	77	92
14-2	66	8
145	74	53
146	77	58
147	73	17
14929	5	3
	5	39
	93	3
	93	39
1511164	67	25
1511166	27	13
	35	6
	44	26
1511167	64	15
1511173	50	18
	54	14
	47	20
	64	9
15230301	63	33
1532031	57	6
	70	9
1545010	4	14
1545015	4	21
155193	109	20
	109	20
	109	20
155217	109	21
156-5563-309	40	30
1591-I	77	13
15A-FDAPOLY	17	34
	92	21
	85	12
15B-FDAPOLY	85	11
15F-FDAPOLY	85	3
15PA87	5	14
	93	14
15V-FDAPOLY	17	40
	17	36
	92	23
	85	2
15W-FDAPOLY	17	39
15W-FDAPOLY	57	20
160210-02220	1	3
	12	3
160260-76620	8	7
	96	7
160710-55061	94	2
	6	2
160725-78350	4	31
	97	31
1613015	17	33
	92	20
1613020	17	21
	92	28
	89	4
	116	4

PART NUMBER	FIG	ITEM
171-07677	26	4
171-07678	26	2
1746-13	76	10
1746-IA16	76	3
1746-KY1	76	63
1746-N2	76	6
1746-NI8	76	8
1746-NO41	76	7
1746-OW16	76	4
1746-P4	76	9
1747-L532	76	2
175104CH5	114	11
175NF5	114	8
175WS	114	9
18327-908350	9	10
	97	16
18585A26	40	6
1942	87	15
1948	73	10
1988AS1124	64	1
1988AS1201-4	76	5
198-935-060-790-035	31	2
19918	45	21
19-B-9778	40	8
19-B-9782	40	17
19-B-9783	40	16
1A-206-01	72	3
1B-204-01	48	14
	70	20
	72	2
1X3-4PTRSS	67	4
2010	62	18
21-4-656	54	13
	56	3
2150-4-656	38	16
	55	10
	57	16
22-4-656	35	13
	38	7
	44	22
23-4-666	27	26
	37	8
24-4-666	37	23
20A-FDAPOLY	4	22
20A-FDAPOLY	17	30
	89	2
	92	17
	116	16
20A-SS	4	42
	19	16
20BSL-SS	7	18
20D-FDAPOLY	4	18
	17	25
	89	5
	92	32
20D-FDAPOLY	116	13
	15	1
20DSL-SS	14	16
20F-FDAPOLY	4	34



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PART NUMBER	FIG	ITEM
20F-FDAPOLY	15	6
	17	20
	92	27
20F-SS	14	12
	19	12
	7	14
	95	14
	4	32
20V-FDAPOLY	7	12
	14	9
	17	28
	17	15
	17	8
	17	43
	17	18
	19	9
	92	24
	92	9
	92	15
	92	35
	92	25
	95	12
20W-FDAPOLY	7	20
	14	17
	17	2
	17	5
	17	11
	17	26
	92	12
	92	6
	92	2
	92	33
21237	7	26
	14	29
	19	28
	95	23
21238	7	25
	14	28
	19	27
	95	22
21242	7	24
	14	27
	95	21
21242	19	26
21248	7	11
	14	8
	19	8
	95	11
21284	7	22
	95	19
	14	30
	19	29
22021	65	6
22190-1602	9	11
	97	17
222-20NB13-2222447	60	3
	65	1
222233	65	5
22255	7	7

PART NUMBER	FIG	ITEM
22255	14	4
	19	4
	95	7
22256	14	13
	19	13
	7	16
	95	16
2273	24	21
	43	16
2285	77	60
23022	14	14
	19	14
	7	17
	95	17
23414-12	6	4
	94	4
23887-1202	6	5
	94	5
24311-0180	9	14
24311-04	94	6
	6	6
24341-0150	6	11
	94	11
2-50-PVDF	4	41
2520	81	1
	65	9
2521	5	24
	58	21
	58	21
	81	7
	87	17
	93	24
2524	14	22
	19	21
255-B-8124	40	24
25636	59	14
26106-060162	4	30
	11	12
	97	30
26106-060452	8	14
	11	19
	96	14
	99	12
	99	19
26366-0602	4	28
	6	28
	94	28
	97	28
272	6	16
	94	16
274	6	21
	94	21
27E892	76	28
28059	7	23
	14	31
28059	19	30
	95	20
28413	5	5
	93	5

PART NUMBER	FIG	ITEM
29605T3	69	9
29605T5	64	22
	68	8
29605T6	64	25
	67	28
3/4KMM-SS	64	13
3/4X3/8PTRSS	67	8
3/8X1/2PTRSS	68	10
30120470	49	11
30295T14	5	35
	93	35
3036-56-14	70	10
30-412	45	13
30-417	45	12
30420470	49	7
30709	58	4
30712	52	14
30720270	49	3
3087T15	113	9
30917	59	10
	59	10
30A-SS	4	37
30W-FDAPOLY	24	11
30X20B-SS	24	12
30X25B-SS	24	14
3102-56-	70	22
	70	21
	72	5
3104-60-56	72	4
31095614	70	23
	72	1
	82	3
31096018	82	7
311BS2B1404A	88	19
313956	81	8
313960	81	9
313D253-1AL	88	18
317-08652	40	3
317-08690	40	13
3175-60-18	69	8
318-07582-0	38	11
	55	12
318-07583-0	35	11
	38	5
	44	29
318-07584-0	37	13
3182-56-	70	24
	72	6
	70	25
31890	58	5
3196T24	113	5
3266257	46	10
3266258	46	9
3266337	45	22
3266341	46	7
3266342	46	20
3266344	46	19
3266345	46	13
3266346	46	14

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3266347	46	12
3266348	46	17
3266354	46	1
3266359	46	2
3266393	46	3
3266395	46	6
3266399	46	4
3266402	45	24
3269091	46	27
3269204	46	18
3269210	46	30
3269262	46	24
32-A-11033	40	7
	40	23
32-B-11059	40	18
32-B-11060	40	19
3308T55	113	13
33593	13	1
	18	1
33595	5	8
	93	8
336023	2	4
33901011	84	6
33901012	84	13
33901014	84	5
33901015	13	5
	18	5
33901016	23	5
33901017	5	7
	93	7
33901018	33	20
33901019	33	17
33901020	33	3
33901021	33	24
33901022	61	30
33901023	48	5
33901026	42	7
33901031	15	13
33901032	63	44
33901036	61	23
33901044	63	41
33901052	75	48
33901053	60	2
33901055	60	1
33901056	60	6
33901058	60	4
33901060	60	8
33901061	60	5
33901062	60	9
33901067	73	2
33901068	74	8
33901069	74	37
33901070	74	10
33901071	77	50
33901072	73	1
33901073	73	6
33901074	75	48
33901075	76	58
33901076	74	18

PART NUMBER	FIG	ITEM
33901077	74	28
33901078	74	13
33901079	74	23
33901084	1	12
33901085	1	5
	4	36
33901086	1	6
	4	25
33901087	1	10
	4	8
33901088	1	15
	4	16
33901089	1	13
	4	10
33901090-1	1	16
	4	7
33901090-2	116	6
33901093	16	11
	17	17
	91	8
	92	24
33901094	16	7
	17	4
	91	1
	92	5
33901095	16	8
	17	42
33901096-1	1	4
	4	1
33901096-2	1	11
	4	23
33901096-3	1	14
	4	3
33901096-4	1	8
	4	5
33901096-5	20	4
	22	1
33901096-6	116	1
33901096-7	116	9
33901096-8	20	6
	22	3
33901097	16	2
	17	37
33901098-1	16	6
	17	14
33901098-1	91	7
	92	34
33901098-2	16	9
	17	7
	91	3
	92	8
33901099	16	5
	17	1
	91	6
	92	11
339011	116	3
33901101	116	7
33901102	116	11
33901103	16	10

PART NUMBER	FIG	ITEM
33901103	17	10
	91	5
	92	1
33901104	1	7
33901105	5	9
33901106	1	9
33901107	13	6
33901108	20	5
33901109	23	6
33901110	16	4
33901111	18	6
33901113	58	18
33901121	108	8
	114	1
33901122	5	6
33901122	93	6
33901126-2	88	3
33901126-3	88	4
33901126-4	88	5
33901126-6	88	7
33901126-7	88	8
33901126-8	88	9
33901126-9	88	11
33901146	1	2
	2	2
33901151-1	57	8
33901151-2	35	14
33901151-3	38	8
	44	23
33901151-4	50	13
	56	6
33901151-5	38	13
33901151-6	27	27
33901151-7	37	9
33901152	93	9
33901153	91	4
33901156	69	13
33901160	1	3
	3	1
33901167	61	10
33901168	61	37
33901169	61	14
33901170	61	1
33901171	16	1
	17	27
	91	9
	92	14
33901172	88	1
33901173-1	94	18
	6	18
33901173-2	9	2
	97	2
33901174-1	9	1
	97	1
33901174-2	94	13
33901174-2	6	13
33901176	62	21
33901179	82	1
33901180	53	3

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33901187	89	1
33901188	15	14
33901189	15	27
33901191	88	17
33901194	84	1
33901199	39	6
33901201	39	8
33901203	88	6
33901213	57	18
33901215	85	27
33901216	85	23
33901219	57	13
33901232	88	14
33901233	88	12
33901240	85	15
33901247	39	5
33901259-1	58	17
33901259-2	58	16
33901259-3	58	15
33901319	20	9
33901322	20	7
33901324	88	16
33901327	87	5
33901328	87	1
33901501	101	8
33901505	101	9
33901505	108	16
33901506	112	1
33901507	112	6
33901550	101	4
33901550	105	1
33901551	101	3
	104	1
33901552	101	7
	108	1
33901553	101	2
	103	1
33901556	108	17
33901565	110	21
33901566	111	3
33901572	108	2
	115	5
33901577	113	4
33901578	108	7
33901580	109	9
	110	1
33901581	109	15
	110	11
33901586	1	1
	102	1
33901588	102	5
33901590	101	6
	107	1
33901597	101	5
	106	1
33901598	108	10
	114	12
33902128	58	8
33902254	61	6

PART NUMBER	FIG	ITEM
33902267	74	1
33902276	10	1
	98	1
33902278	8	9
	96	9
33902282	63	27
33902285	51	14
33902286	66	4
33902293	51	12
33902303	70	15
33902309	75	45
	75	7
	75	13
33902310	75	3
33902312	75	26
	75	39
	75	30
	75	28
	75	20
	75	22
	75	36
	75	32
	75	24
	77	8
	77	18
33902314	5	13
33902316	75	15
	75	17
33902318	73	16
33902319	73	15
33902320	48	16
33902321	78	39
33902322	78	8
33902323	78	32
33902324	78	22
33902325	78	79
33902326	78	43
33902328	78	74
33902329	78	51
33902330-1	78	47
33902330-2	78	83
33902331-1	78	55
33902331-2	78	78
33902332	76	19
33902333	76	47
33902334	76	38
33902335	76	14
33902336-1	76	15
	76	18
33902336-2	76	37
33902336-3	76	13
	76	11
33902337	76	43
33902338	76	33
33902339	76	51
33902340	78	49
33902349	74	34
33902350	74	33
33902351	74	36

PART NUMBER	FIG	ITEM
33902352	74	35
33902364	18	10
33902365	13	10
33902366	23	10
33902375	82	22
33902376	82	18
33902377	82	17
33902378	82	12
33902403	94	24
	6	24
33902408	73	13
33902411	51	1
33902413	26	7
33902415-1	33	21
33902415-2	33	9
33902415-3	33	15
33902421	93	13
33902422	40	31
33902431	58	25
33902446	63	11
33902451	61	5
33902453	94	1
	6	1
33902454	68	3
	69	12
33902458-1	63	10
33902458-2	63	26
33902473	48	8
33902478-1	20	3
33902483-2	68	9
	67	17
33902484-2	67	6
33902485-2	62	28
	63	35
33902496	30	5
33902497	30	10
33902498	30	9
33902499	30	6
33902507-2	70	5
33902528	45	34
33902529	51	13
33902530	40	35
33902533	6	23
	40	40
	51	7
	94	23
33902558-1	58	13
33902558-2	58	12
33902558-3	58	14
339030	79	6
339031	79	12
339032	79	18
339033	79	1
339036-1	14	19
	19	18
339036-2	24	20
339039	74	42
33903010	74	46
33903011	10	5

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33903011	98	5
33903012-1	9	5
	96	5
33903012-2	8	11
	96	11
33903013-1	81	23
33903013-2	81	18
33903013-3	81	22
33903013-4	81	19
33903013-5	81	21
33903013-6	81	20
33903014-1	81	11
33903014-2	81	26
33903014-3	81	13
33903014-4	81	15
33903015-1	67	5
33903015-2	68	4
	67	19
33903015-3	62	27
	63	36
33903015-4	70	4
33903018	81	25
33903019	70	16
33903021	79	24
33903022	81	16
33903025	74	52
33903026	74	56
33903027	77	79
33903028	77	83
33903029	77	71
33903030	77	87
33903031	77	91
33903032	77	75
33903033	77	57
33903035	81	24
33903036	81	17
33903048	87	23
33903050-1	81	10
33903050-2	81	12
33903050-3	81	14
33903051	5	25
	93	25
33904011	112	2
33904079	110	25
33904083	111	10
33904084	111	9
33904085	102	4
	103	4
	104	4
	105	4
	106	4
	107	4
	108	4
	110	9
	110	20
33904112	114	10
33904113	108	1
	115	1
33904131	111	4

PART NUMBER	FIG	ITEM
33904149	106	8
33904171	109	6
33904185	114	15
33905024	66	5
33905031	77	56
33905032	77	55
33905033	45	19
33905042	81	6
33905048	44	4
33905052	82	2
33905055	101	10
33905506	64	7
33905508	64	14
33905520	69	2
33905522	67	21
33905539	67	23
339061	76	1
33908025	27	21
34S-1-102	43	22
34254	7	21
	14	26
	19	25
	95	18
3427930	87	19
3455A6A	57	5
	57	36
347-3	66	7
3-AMMO-SS	64	8
3-4X1-2PTRSS	68	14
	67	11
3566	85	10
360215	45	8
	61	56
36103	59	2
	85	22
36107	59	7
	85	19
3610T32	15	23
36157	59	11
36307	59	8
	59	8
364236G	45	10
364285	45	20
3701	61	50
3712T33	2	3
37341	59	3
	85	21
37974	58	6
383	59	6
38019	59	15
38026	59	1
38026	85	18
38032	59	17
390417	61	55
390BA2B1712AA	79	10
390BA2B2012AA	79	15
390BA2B2112AA	79	22
390BS2B1508A4A	79	4
	79	27

PART NUMBER	FIG	ITEM
390BS2B1712A6A	79	9
390BS2B2012A6A	79	16
390BS2B2112A6A	79	21
394829	24	23
	43	20
	61	57
3955T73	20	10
3M280	61	41
4175	88	20
42-06030	43	14
	45	32
4429K412	24	16
4443K614	67	20
4443K735	15	9
4443K738	15	3
4443K739	4	38
4452K412	63	38
	62	25
4452K434	69	7
4452K444	69	3
4452K472	62	26
	63	34
4452K485	67	7
4452K585	64	20
4475K12	64	3
45066	52	17
45069	52	2
4512	77	9
45308	52	5
45312	52	13
45320	52	11
4548K132	62	29
	63	31
4548K133	63	40
4548K138	63	37
	62	26
4548K139	62	25
	62	12
4548K141	63	39
4548K195	64	17
4555	117	3
4589K81	4	19
45945K17	4	40
4596K73	85	8
4601	49	10
46825K71	14	15
	19	15
	4	33
47010120	49	9
4726K23	68	11
47293	52	15
47336	52	7
4816K122	62	24
495-105-01	17	13
	92	4
5137	49	4
50165	52	4
50550	52	12
50556	52	16

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50558	52	6
507-12336	33	22
507-12337	33	23
507-12338	33	10
507-12339	33	16
507-12340	47	17
507-12341	47	12
507-12342	47	3
507-12343	47	11
507-12344	53	1
507-12345	50	25
507-12346	50	17
507-12347	50	7
507-12349	37	22
507-12350	37	35
507-12351	37	38
507-12352	37	39
507-12353	37	12
507-12354	37	3
507-12356	55	20
507-12357	55	21
507-12358	55	5
507-12360	55	11
507-12361	54	3
507-12362	54	19
507-12363	35	4
507-12364	35	10
507-12365	41	3
507-12366	44	3
507-12367	44	10
507-12368	44	31
507-12369	27	3
507-12370	27	16
507-12371	27	17
507-12372	27	19
507-12375	57	21
507-12376	57	12
507-12377	56	10
507-12379	56	2
507-12380	38	3
507-12381	50	28
507-12390	50	20
507-12391	44	28
507-12392	44	15
507-124	90	1
507-12407	55	9
507-12408	27	10
507-12430	90	9
507-12431	90	7
507-12433	90	5
50785K44	24	17
5125	49	2
510223	49	1
5134K13	56	15
51411	48	12
52169	51	11
5233K67	25	5
	32	19
	32	18

PART NUMBER	FIG	ITEM
5233K67	35	17
	40	29
	44	19
	47	6
	47	23
	50	24
	54	16
	56	18
	57	25
5233K76	45	41
5248K64	64	24
5262	5	23
	14	23
	19	22
	58	22
	59	22
	61	49
	74	58
	77	77
	81	2
	81	2
	81	2
	87	16
	93	23
5263	40	51
	45	17
	77	81
	77	85
	77	89
	77	93
5266	74	54
5267	77	59
529-07664	21	2
529-07665	40	12
52A-13-A-DM-DJAA-1BA	82	8
5331	81	4
5332	58	24
	74	59
	77	78
5333	77	82
	77	86
	77	90
5336	74	55
5342	77	70
	77	74
5343	40	50
	40	50
	45	11
	45	18
	77	94
53485	86	13
53504	86	29
53505K68	32	17
	35	18
	44	35
53510	86	32
538-08056	40	11
5401-112	33	6

PART NUMBER	FIG	ITEM
5401-112	33	4
5463K458	45	30
5463K461	45	31
5463K467	45	26
5463K608	45	33
601523	49	14
61-361	32	10
631	45	4
632	45	5
601	108	11
6010FEV01	64	21
601TB	65	7
60-ALQR20	20	8
61082051	43	6
627-1	67	10
627-14	64	12
632-B-7930	52	18
6350B2X3/16A	109	3
	110	10
6411B	15	28
	109	18
	110	3
	110	13
66015	42	5
696-B-9162	90	
7035.11	76	59
	82	27
70854	74	24
	74	17
	77	48
70854	77	37
	77	31
	77	21
	77	15
	77	11
	77	3
70856	74	12
70861	58	11
	61	13
	61	19
	61	40
	64	27
	65	2
	68	1
7130K912	45	42
714250-11570	11	14
	99	14
714250-12560	8	1
	96	1
714350-512	9	6
	97	6
714770-225	1	1
714770-225	12	2
714771-531	9	3
	97	26
72222	49	6
732-D-08015	39	1
732-D-08057	55	1
732-D-08067	21	4

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755MFZ1	14	7
	19	7
	24	15
	7	10
755MFZ1	95	10
75-E-1.0IN	44	33
	50	27
	54	19
	55	19
	47	2
75-E-1.5IN	50	2
	53	3
	54	2
	55	3
	47	5
77864	33	1
	41	4
7856K19-RED	6	20
	94	20
7856K19-YEL	6	15
	94	15
786-703-020-221-302	29	2
	29	2
	36	3
	29	2
786-703-030-221-302	28	2
	31	3
	28	2
787-4	36	1
799-D-13037	39	4
799-D-13038	39	10
799-D-13039	39	3
799-D-13040	21	6
799-D-13041	39	13
799-D-13042	39	14
799-D-13043	21	5
799-D-13044	39	7
799-D-13045	39	9
799-D-13046	21	1
799-D-13047	21	3
799-D-13048	39	12
799-D-13049	39	11
799-D-13051	21	7
79NU066	26	5
800T-16HRH17KB6DX	75	31
800T-FXTPH16RA1	75	34
800T-H17A	77	17
800T-H17D1	75	27
	77	7
800T-J17A	75	29
800T-J20A	75	19
800T-N122A	75	8
800T-N122G	75	46
800T-N122R	75	12
800T-N304R	75	35
800T-N355A	75	9
800T-N355G	75	47
800T-N355R	75	11
800T-N60R	75	33

PART NUMBER	FIG	ITEM
800T-N75G	75	37
800T-N75R	75	37
	75	37
800T-PBH16GD1	75	25
800T-PBH16RD2	75	38
800T-PSH16A	75	6
800T-PSH16G	75	44
800T-PSH16R	75	10
80143/TWPS	63	1
805C-020	4	31
	17	23
	92	30
80E120-2	39	2
	51	8
816-07513-0	38	18
816-07519-0	37	29
	41	1
	55	7
816-07563-0	37	36
816-07758-0	85	6
837-08020-0	35	22
	37	42
837-08022-0	27	24
839-249C	4	30
839-251C	17	31
	92	18
841-08667-0	85	13
843-08051-0	40	22
845-08833-0	32	5
845-08836-0	43	13
845-08837-0	40	27
845-08898-0	50	3
845-08907-0	85	9
845-08966-0	48	6
845-08967-0	48	4
847-08521-0	47	19
	54	14
847-08680-0	55	15
853-08554-0	41	6
853-08753-0	35	21
	37	41
	44	8
853-08789-0	27	23
853-088-0	38	12
	55	13
853-08801-0	35	12
	38	6
	44	30
853-09060-0	44	37
853-09324-0	57	34
853-09582-0	57	3
853-09584-0	37	37
853-09586-0	27	2
	37	2
	44	12
853-09826-0	26	3
853-09884-0	37	14
853-09885-0	57	23
853-09958-0	85	7

PART NUMBER	FIG	ITEM
853-09967-0	85	5
857-07741-0	47	15
857-07761-0	57	29
857-07772-0	56	14
857-07820-0	27	5
	67	22
857-08404-0	90	3
857-08405-0	90	4
857-08426-0	43	11
857-08433-0	50	12
	55	17
857-08450-0	32	3
	40	47
857-08456-0	54	8
857-08457-0	32	6
857-08465-0	55	14
857-08466-0	47	10
857-08469-0	32	11
	40	25
857-08474-0	50	8
8	47	22
857-08475-0	37	26
857-08476-0	37	31
857-08478-0	37	28
857-08479-0	37	18
	37	33
857-08480-0	27	7
857-08481-0	56	12
857-08482-0	56	13
857-08484-0	40	43
857-08492-0	32	14
	44	16
857-08493-0	32	20
857-08497-0	32	16
857-08498-0	37	24
858-07694-0	90	2
858-08638-0	37	16
858-08651-0	37	21
858-08654-0	25	7
858-08655-0	37	19
858-08733-0	35	9
858-08751-0	25	6
859-304-0	57	30
859-423-0	57	17
859-434-0	47	16
859-07576-0	15	4
859-07704-0	37	15
859-10240-0	27	4
859-10363-0	50	11
859-10389-0	25	2
859-10393-0	32	4
859-10394-0	50	6
859-10397-0	54	6
859-10398-0	50	9
859-104-0	43	10
859-10402-0	40	26
859-10406-0	37	25
	37	25
859-10407-0	32	21

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859-10408-0	32	15
859-10409-0	27	14
859-10412-0	40	44
859-10413-0	85	4
859-10417-0	32	9
859-10419-0	55	16
859-10420-0	54	5
859-10430-0	47	21
861-07590-0	56	5
861-07656-0	37	30
	38	19
	41	2
861-07656-0	55	8
861-08386-1	47	18
861-08386-3	44	34
861-08398-0	57	2
861-08399-0	90	11
863-0314	45	39
8645K12	87	4
8645K55	103	5
	104	5
	107	5
868-732-0	40	10
868-07846-0	40	14
868-07987-0	44	36
868-08028-0	28	15
	29	15
	36	16
868-08028-0	29	15
868-09397-0	37	4
	44	1
868-09427-0	40	2
868-09451-0	35	1
868-09534-0	27	20
	35	23
	37	40
868-09535-0	27	12
869-08574-0	27	8
	35	3
	37	7
	44	11
869-08576-0	44	39
	61	22
869-08581-0	45	2
869-08586-0	40	36
870-09044-0	57	33
870-14404-0	57	31
8706-2	70	17
	78	9
	78	23
	78	33
	78	40
8-8 B2HF-SS	25	4
	32	1
	40	45
	44	18
	47	7
	50	23
	54	17

PART NUMBER	FIG	ITEM
8-8 B2HF-SS	56	16
	57	27
884C-020	4	13
	4	28
886C-5	4	20
886C-020	17	32
	92	19
887C-025	17	22
	92	29
887C-030	17	24
	89	3
	92	31
	116	15
894-08798	61	45
91K2105	75	23
91KR3EH5	75	21
955	63	24
982	63	25
90130A029	5	12
	13	9
	18	9
	93	12
90132	63	21
905-09012-0	45	1
90715A036	15	19
909-07951-0	47	1
	44	32
	50	26
909-07951-0	54	18
	55	18
909-07952-0	38	1
	44	20
	47	4
	50	1
	53	2
	54	1
	55	2
909-07954-0	27	30
90965A170	28	18
	36	19
90965A190	7	4
	95	4
91035A610	74	9
91152A035	115	16
91287A136	10	3
	98	3
91675A353	86	8
91771A535	74	4
91771A833	109	5
91831A127	67	26
91845A029	110	22
920A318	6	10
920A318	94	10
92146A029	110	23
92148A210	63	54
92153A429	7	3
	95	3
92240A548	110	26
923-08139-0	20	2

PART NUMBER	FIG	ITEM
923-08159-0	44	14
925-07813-0	37	17
93-0204	106	10
93190A628	5	2
93190A628	93	2
93190A844	15	22
93635A241	28	17
	28	17
	29	17
	36	18
93635A322	7	2
	95	2
93635A420	63	53
93725K78	40	1
93781A029	5	11
	13	8
	18	8
	23	9
	23	8
	93	11
940-093-0	57	32
940-09021-0	55	1
940-09022-0	57	24
940-09024-0	57	35
940-09027-0	32	7
940-09058-0	27	25
940-09059-0	37	6
940-09061-0	37	34
940-09062-0	27	18
940-09063-0	35	8
940-09064-0	35	5
940-09069-0	50	10
940-09070-0	47	14
940-09108-0	27	11
940-09111-0	32	12
941-10602-0	38	4
941-10605-0	25	3
	32	2
	35	19
	44	17
	45	38
	50	22
	54	12
	47	8
	40	46
941-10611-0	43	12
941-10620-0	57	28
941-10684-0	38	17
	55	6
941-10699-0	44	9
941-10702-0	50	4
941-10703-0	37	27
941-10704-0	27	6
941-10706-0	54	7
941-10707-0	56	17
941-10755-0	50	29
943-08495-0	40	20
9452K36	52	3
94708A212	45	9

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94709A214	74	26
	74	21
	74	31
952-259-0	40	9
	40	15
952-302-0	45	3
952-07591-0	27	9
	35	2
	37	5
952-07591-0	44	2
952-07629-0	28	16
	36	17
952-07657-0	44	38
952-07839-0	40	4
95649A256	15	21
9722K653	115	13
9722K685	115	14
9722K82	115	15
984-07671-0	40	24
98416A125	114	13
98449A530	6	9
	94	9
98480A135	111	11
	112	3
A1-11-502-40	15	15
A12-30-10-84	78	29
	78	17
A76	61	22
A9-30-10-84	78	16
AA0251D47	40	49
AA151	59	9
AA151-490SI	58	1
AD86H	109	19
AHC21	64	23
AN918-6K	64	11
AS4859K02	64	4
AT215	81	28
AT432	75	40
B010	116	5
B08	116	2
	116	4
	116	8
B1821BH050C175N	114	5
B-2	86	3
B-201	86	4
B-202	86	5
B-203	86	6
B-207	86	7
B42XS4	70	26
BBU50	87	14
BI8101271	24	8
	43	8
BI82011 6-1/2IN	24	6
BNL-5	78	7
	76	42
BW81032	24	9
BW81122	43	9
BX8103722	24	3
	43	3

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C21249	7	8
	14	5
	19	5
	95	8
C22294	14	3
	19	3
	7	6
	95	6
C26197	14	18
	19	17
C27978	14	6
	19	6
	7	9
	95	9
C31796	7	1
	14	1
	19	1
	94	1
C33590	14	2
	19	2
C33592	7	5
	94	5
	95	5
C33AINN	81	29
C51	7	15
	14	11
	19	11
	24	10
	95	15
C5-13-45	102	2
	103	2
	104	2
	105	2
	106	2
	107	2
	108	2
	110	7
	110	18
C776	61	3
	61	8
	61	16
CAH-107-1	86	15
CAH-108-2	86	10
CAH-112-2	86	9
CAH-114 (D)	86	18
CAH-118-4	86	19
CAH-124-6	86	21
CAH-132	86	24
CAH-133-3	86	23
CAH-134-1	86	1
CAH-137-1	86	27
CAH-138-1	86	26
CAH-139	86	25
CAH-139 (D)	86	14
CAH-EUR-113-2	86	2
C-BH/TWPS	61	18
CC-17317-2-1	42	1
CC-25868-2-1	23	1
CUB4CL20	75	14

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CUB4L020	75	16
D-AH42B	76	55
DIN127B-M12-A4C	33	5
DM-DJAA-1BA	82	9
E-05E-NYL	56	19
E40108416969	52	9
F1A11B2T20S	27	15
	55	4
	57	11
F220B	67	24
F362-25/0.03	78	12
F364-25/0.3	78	4
FS-1/2NS ST	27	29
	30	11
	35	16
	37	11
	38	10
FS-1/2NS ST	38	15
	44	25
	50	15
	57	10
	57	15
	56	8
FS-14P-3	15	8
FS-7409 ST6	27	28
	35	15
	37	10
	38	9
	38	14
	44	24
	50	14
	56	7
	57	9
	57	14
GM5G12803	43	15
GM5G14303	24	19
GP3102E20-15P	13	11
GS50974	24	2
	43	2
GX50405	24	7
	43	7
GX50410	24	1
	43	1
GX50513	24	5
	43	5
GX50983	24	4
	43	4
H-46-6A	43	42
HBS30/40/50	4	43
HCS-16-M-SS-RSG-16-8P	47	9
HCS-32-M-SS-RSG-32-24P	50	16
HCS-32-M-SS-RSG-32-24P	47	13
HTCII-50	48	3
ILS-0150.316SS	15	7
JN218-216-C	58	27



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JN314-412-C	45	11
	58	26
JN418-212	14	20
	19	19
	24	26
	43	17
JN418-212	61	54
K3155S-10X3	54	10
	54	10
K5VD-M	78	48
K7VD-HM	77	23
KRPA-14AN-120	76	27
L48EE-DE-SFA	5	1
	93	1
LB21	78	89
LB33	78	88
LBA162104	78	59
LBA363206	78	56
M-103	86	11
M-104	86	12
M11493	52	10
M45913/1-4CS3	10	8
	45	37
	45	37
	63	42
	69	11
	74	29
	98	8
	109	14
	111	8
	113	12
M45913/1-6CS3	42	2
	51	9
	61	46
	61	44
	61	33
	61	29
	63	47
	84	12
	84	17
	111	6
	112	4
	113	6
	73	18
M-4P4T	48	13
MRP-4U-K-S080	29	1
MRP-4U-K-S081	29	1
	29	1
	36	2
MRP-9U-K-S080	31	1
	28	1
MRP-9U-K-S081	28	1
MS15795-804	74	48
	74	44
	77	5
MS15795-806	77	43
MS15795-806	87	3
MS15795-807	30	4
	5	34

PART NUMBER	FIG	ITEM
MS15795-807	93	34
	58	3
MS15795-808	110	5
	110	15
	40	39
MS15795-809	70	7
	76	17
	76	22
	76	32
	76	36
	76	41
	76	46
	76	50
	76	54
	78	77
	78	69
	78	54
	78	46
	78	82
	78	77
	78	25
	78	11
	82	13
	82	23
	82	19
	82	13
MS15795-810	10	2
	10	7
	45	36
	45	36
	61	15
	61	9
	61	4
	61	3
	70	14
	74	20
	74	30
	74	25
	78	73
	82	9
	87	8
	98	2
	98	7
	106	7
	109	13
	110	24
	111	7
	113	11
	115	8
	115	4
MS15795-811	6	25
	94	25
MS15795-812	13	3
	18	3
	58	10
	61	39
	61	20
	61	12
	63	12

PART NUMBER	FIG	ITEM
MS15795-812	64	26
	65	3
	68	2
	69	10
	70	2
	85	26
MS15795-814	5	4
	5	38
	23	3
	26	6
	40	32
	42	3
	48	9
	51	2
	51	10
	61	17
	61	28
	61	32
	61	47
	63	46
	63	55
	66	3
	67	27
	73	3
	74	40
	77	53
	84	2
	84	9
	84	16
	93	4
	93	38
	111	2
	112	5
	113	7
MS15795-818	33	2
	41	5
	48	1
	61	26
	113	2
	114	4
MS15795-820	115	11
MS15795-822	15	20
MS15795-831	114	14
MS15795-847	6	8
	15	30
	15	17
	15	25
	87	11
	94	8
MS16995-81	24	18
	43	21
MS16995-82	49	12
MS20365-C1032A	87	12
	15	29
	15	16
	15	26
MS20365-C632A	75	5
	77	42
MS21044C08	30	3

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	58	7
MS21044C3	70	8
MS21044N3	110	4
	110	14
MS24524-27	5	15
	93	15
MS24658-22D	81	27
MS24693-C106	111	5
MS24693-C52	30	7
MS24693-C56	30	8
MS24693-C97	110	12
	113	10
MS24693-C98	110	2
MS25036-103	65	8
MS25036-112	40	53
MS25043-14DA	5	18
	13	18
	18	18
	23	18
	93	18
MS25043-16DA	5	28
	77	5
	77	5
	77	5
	77	5
	93	28
MS25043-20DA	13	13
	77	33
MS25043-22DA	23	13
	77	39
MS25043-24DA	77	45
	18	13
MS27183-41	86	31
MS3102E14S-7S	5	16
	13	16
	18	16
	23	16
	93	16
MS3102E16S-5P	5	26
MS3102E16S-5S	77	24
MS3102E16S-6S	77	46
MS3102E-16S-8S	77	1
MS3102E18-10S	13	22
	18	22
	23	22
MS3102E20-15S	77	29
MS3102E22-28P	23	11
MS3102E22-28S	77	35
MS3102E24-2S	77	40
MS3102R-16-10S	77	19
MS3106E16S-5P	79	2
MS3106E16S-5S	79	5
MS3106E16S-6P	79	25
MS3106E16S-6S	79	28
MS3106E20-15P	79	7
MS3106E20-15S	79	11
MS3106E22-28P	79	13
MS3106E22-28S	79	17

PART NUMBER	FIG	ITEM
MS3106E24-2P	79	19
MS3106F24-2S	79	23
MS3116J12-3P	87	21
MS3180-12CA	87	20
MS3181-12CAL	74	50
MS3451W14S-7S	88	23
MS3451W14S-7S	88	23
MS3452W16S-6P	93	26
MS3452W24-2P	18	11
MS35206-228	87	25
MS35216-17	74	47
	74	43
	77	36
	77	30
	77	25
MS35216-17	77	2
	77	10
	77	14
	77	20
MS35216-27	87	2
MS35216-47	58	2
MS35216-71	70	12
	87	7
MS35217-53	78	80
	78	44
	78	75
	78	52
MS35217-55	76	52
	76	15
	76	56
	76	48
	76	44
	76	39
	76	34
	76	20
	76	30
	82	15
	82	25
	82	21
	82	15
MS35217-59	15	31
	87	10
MS35307-303	6	27
	45	40
	74	5
	94	27
MS35307-306	45	35
	74	32
MS35307-312	10	6
MS35307-312	98	6
MS35307-331	63	14
MS35307-332	85	24
MS35307-334	13	2
	18	2
	65	4
MS35307-336	61	38
MS35307-336	61	11
	58	9
MS35307-338	61	21

PART NUMBER	FIG	ITEM
MS35307-340	69	14
MS35307-355	74	38
	77	51
MS35307-358	48	11
MS35307-360	23	2
	40	34
	42	8
	66	1
	84	4
	84	7
	84	14
	113	8
MS35307-362	61	16
	61	27
	84	11
	84	18
MS35307-364	26	8
	51	6
	63	45
	73	11
MS35307-366	51	4
MS35307-369	42	6
MS35307-370	111	1
	112	7
MS35307-371	84	10
MS35307-408	61	24
MS35307-411	33	19
	45	28
MS35307-413S316	113	3
	30	1
	61	34
MS35307-414	33	7
MS35307-416	41	7
MS35307-419	114	7
MS35307-424	33	8
MS35307-472	45	7
MS35333-71	75	4
MS35333-72	74	11
	76	12
MS35333-73	76	24
	76	25
	78	10
	78	76
	78	81
MS35333-74	6	26
	74	3
	78	72
MS35333-74	94	26
MS35333-75	85	25
MS35333-76	66	2
	84	3
	84	8
	84	16
MS35333-78	61	25
MS35335-60	70	18
	82	14
MS35335-60	82	24
MS35335-61	70	13
	74	6

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MS35335-62	63	13
MS35335-63	5	36
	48	10
	74	39
	77	52
	93	36
MS35335-65	30	2
MS35338-135	13	14
	13	24
	13	19
	18	14
	18	25
	18	19
MS35338-135	5	19
	5	29
	23	14
	23	19
	23	24
	93	19
	93	29
MS35338-139	10	4
	98	4
	106	9
	111	13
	115	3
	115	7
MS35338-140	13	4
	18	4
MS35338-141	40	33
	42	9
MS35338-143	33	18
	45	29
	114	3
MS35338-145	115	10
MS35649-2254	78	71
MS35690-1010	115	9
MS35691-19	85	14
MS35842-11	54	9
MS51849-54	86	16
	86	20
	86	30
	86	22
	86	17
	86	28
MS51922-2	87	9
MS51922-22	70	3
MS51957-15	5	21
	13	21
	18	21
	23	21
	93	21
MS51957-17	5	20
	5	30
	13	15
	13	20
	13	25
	18	15
	18	20

PART NUMBER	FIG	ITEM
MS51957-17	18	24
	23	15
	23	20
	23	25
	93	20
	93	30
MS51957-28	75	2
MS51957-31	77	41
MS51957-45	76	11
MS51957-68	59	13
MS51957-81	74	14
MS51957-83	109	12
MS51957-88	82	5
MS51958-65	40	38
MS51958-66	15	18
	15	24
	78	44
MS51958-69	110	6
	110	16
MS51958-71	70	6
MS90725-178	115	12
MTW-10-GRN	8	12
	96	12
N070	62	10
N083	62	19
N01282	62	3
N01539	62	24
N02726	62	35
N03521	62	4
N03556	62	37
N03707	62	17
N04451	62	11
N04735	63	6
N04736	63	5
N265-CGA346	60	7
	66	6
N6NY-6C-0-M	5	31
	93	31
NAS1640-616	23	4
	51	3
NASM35307	5	10
	13	7
	18	7
	23	7
	61	1
	61	2
	63	43
	70	1
	93	10
NASM35307	106	6
	111	12
	115	2
	115	6
N-CPL	85	16
NIPPLEPIPE316	67	12
	68	12
NIPPLEPIPE316	69	4
NO NUMBER	52	1
NW2	4	11

PART NUMBER	FIG	ITEM
NW2	4	26
	15	12
NW4	17	27
	17	35
	17	41
	57	19
	92	22
NW5	4	17
	4	24
	4	6
	4	9
	4	4
	4	35
	7	13
	7	19
	14	10
	15	2
	17	3
	17	6
	17	9
	17	12
	17	16
	17	19
	17	29
	17	44
	19	10
	58	19
	89	6
	90	6
	90	8
	90	12
	92	3
	92	7
	92	10
	92	13
	92	16
	92	25
	92	26
	92	26
	92	36
	95	13
	116	10
	116	12
NW7	3	2
	4	2
	22	2
	22	4
	24	13
	25	8
	88	2
	90	10
NW8	37	20
OVR40-320D-440P	78	38
P502677	118	2
P502704	118	1
P509332	46	21
P511114	46	15
P513934	46	28
P513938	46	11

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P513946	46	22
P513947	46	29
P513952	46	31
P513969	46	33
P513984	46	8
P513993	46	25
P513996	46	5
P514419	45	27
P514420	45	23
P514424	45	25
P514425	46	32
P523408	46	34
P57026	4	39
P820W-2BK-ND	76	61
PB-12	71	12
PB-6	71	11
PF31-12	64	16
	68	15
PK15GTA	78	84
PLCD176V	6	22
	94	22
PLCD224V	6	17
	94	17
PLT1.5I-M	14	25
	19	24
	24	22
	43	19
	45	14
	58	20
	58	20
	61	51
PN10-10R-L	87	24
PN10-14R	45	15
	8	13
	96	13
PN14-10R-C	14	21
	19	20
	24	25
	43	18
	61	53
PN18-10R	87	18
PRO-F3B1P	81	30
PS-070108	67	13
PS5R-E24	76	24
PTX 317-8938	27	22
	35	7
PTX 317-8938	44	27
	50	19
PTX 317-98	40	42
PWA10132-3	48	2
	113	1
R2-01	73	14
	81	5
RCF-1.5K-W-OT-Z-WW	89	7
RCF-1K-W-OT	20	1
RCF-3K-W-OT	16	3

PART NUMBER	FIG	ITEM
RCF-3K-W-OT	91	2
RST-5	64	19
	68	13
	67	1
RTD43W3-SS25	44	6
RV5/250	78	15
RV5/250	78	15
S261-C2	78	21
S261-C4	78	19
S261-C8	78	18
S262-C16	78	13
S262-D4	78	20
S263-C25	78	14
S263-D10	78	6
S263-D16	78	3
S263-D20	78	5
S263-D63	78	1
S26932-1099	102	3
	103	3
	104	3
	105	3
	106	3
	107	3
	108	3
	110	8
	110	19
S281-Z4	76	25
S2-S	78	2
S3N125TW	78	50
SAE J1508 TYPE B SIZE 79	57	1
SC110M	43	18
SCR-180	62	7
	62	14
SN1254-14	109	4
SOOW 18/3	87	22
SP-IS46NKCL	15	5
SS-16-RB-8	56	11
SS-4-1-2	49	13
SS-4-1-4	63	17
	71	4
SS-4-2-4	71	5
	63	17
SS-4-NFSET	48	7
	63	16
	71	2
	71	7
SS-4-NFSET	71	15
SS-4-R-6	71	16
SS-472-472-4491221- 23	114	6
SS-4-ME	64	5
SS-4P4T4	62	30
	63	32
SS-6-1-6	71	10
SS-6-3TTF	63	48
SS-6-7-4	71	3
SS-6-8-4	63	51

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	71	9
SS-63TF8RT	69	6
SS-6-E	68	6
	67	18
SS-6HC-1-6	68	7
	67	9
	69	1
SS-6-TA-1-4	63	50
SS-7R4-TA4-PM4-31	63	15
SS-7R4TA4TA4-113	71	1
SS-7R4TA4TA4-18	71	6
SS-7R4TA4TA4-60	71	14
SS-7R6TA6TA6-84	71	8
SS-8-CS	67	14
SS-8M0-6-4	71	13
SS-PB12-PM12	32	13
SS-PB6-PM6	32	8
SST45 1	15	10
ST2.5 MONEL	40	48
STB-4550	61	48
STYLE 77/75/78-2.0IN GR E	38	2
STYLE 77/75/78-2.0IN GR E	44	21
STYLE 77/75/78-3.0IN GR E	27	31
SW30HR-380	52	8
SWT-06	62	1
SZ-KS18/56N/2	78	37
SZ-KS18/56N/3	78	36
T41.5K1	78	70
T50B2	75	1
T5ALHPT (W8)	44	5
TA25DU14	78	30
TA25DU6.5	78	28
TA25DU8.5	78	27
TA42DU32	78	31
TC-215119	40	37
TC-215-UBSS	40	36
TF-2-17439-S	87	6
TS-3N	75	41
U060L4A	48	15
	70	27
V1	4	29
VAL-07	63	52
	64	6
VAL-53	64	2
VAL-0169/TWPS	63	18
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X-1058 BT	110	17
XT40-3Y201	78	62
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The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory:  
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Subject: DA Form 2028

1. From: Joe Smith
2. Unit: home
3. Address: 4300 Park
4. City: Hometown
5. St: MO
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7. Date Sent: 19-OCT-93
8. Pub no: 55-2840-249-23
9. Pub Title: TM
10. Publication Date: 04-JUL-85
11. Change Number: 7
12. Submitter Rank: MSG
13. Submitter FName: Joe
14. Submitter MName: T
15. Submitter LName: Smith
16. Submitter Phone: 123-123-1234
17. Problem: 1
18. Page: 1
19. Paragraph: 3
20. Line: 4
21. NSN: 5
22. Reference: 6
23. Figure: 7
24. Table: 8
25. Item: 9
26. Total: 123
27. Text:

This is the text for the problem below line 27.



<b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b>						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	<b>DATE</b>
For use of this form, see AR 25-30; the proponent agency is OAASA							
<b>TO</b> (Forward to proponent of publication or form) (Include ZIP Code)						<b>FROM</b> (Activity and location) (Include ZIP Code)	
<b>PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>							
<b>PUBLICATION/FORM NUMBER</b>						<b>DATE</b>	<b>TITLE</b>
<b>ITEM</b>	<b>PAGE</b>	<b>PARA-GRAPH</b>	<b>LINE</b>	<b>FIGURE NO.</b>	<b>TABLE</b>	<b>RECOMMENDED CHANGES AND REASON</b>	
* Reference to line numbers within the paragraph or subparagraph.							
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**PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS**

<b>PUBLICATION NUMBER</b>	<b>DATE</b>	<b>TITLE</b>
---------------------------	-------------	--------------

<b>PAGE NO.</b>	<b>COLM NO.</b>	<b>LINE NO.</b>	<b>NATIONAL STOCK NUMBER</b>	<b>REFERENCE NO.</b>	<b>FIGURE NO.</b>	<b>ITEM NO.</b>	<b>TOTAL NO. OF MAJOR ITEMS SUPPORTED</b>	<b>RECOMMENDED ACTION</b>

**PART III – REMARKS** *(Any general remarks, recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

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<b>TYPED NAME, GRADE OR TITLE</b>	<b>TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION</b>	<b>SIGNATURE</b>



By Order of the Secretary of the Army:

PETER J. SCHOOMAKER  
General, United States Army  
Chief of Staff

Official:

  
SANDRA R. RILEY  
Administrative Assistant to the  
Secretary of the Army  
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By Direction of the Commandant of the Marine Corps

Official:

L. V. BRADLEY  
Director  
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Marine Corps Systems Command  
Quantico VA 22134

DISTRIBUTION: To be distributed in accordance with the Initial Distribution Number (IDN)  
256831, requirements for TM 10-4610-309-24P



## 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 decameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

### *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

### *Weights*

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

### *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. decameter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 feet

## Approximate Conversion Factors

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

### Temperature (Exact)

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

**PIN: 082394-000**