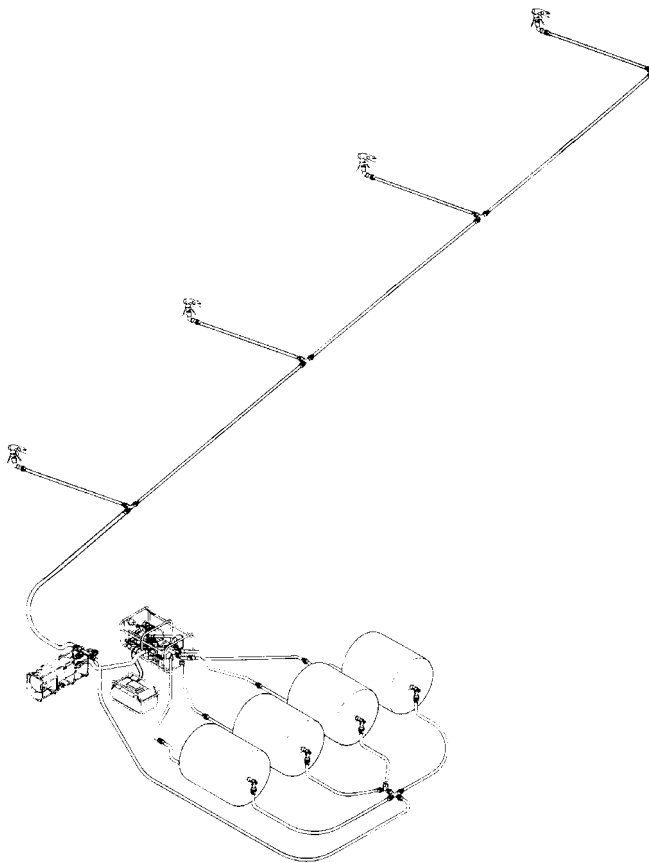


TECHNICAL MANUAL

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)
FOR

ADVANCED AVIATION FORWARD AREA
REFUELING SYSTEM (AAFARS)
MODEL M100A1

NSN 4930-01-495-0024



DISTRIBUTION STATEMENT A – Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY
JUNE 2004

TM 10-4930-351-24P

INSERT LATEST CHANGED PAGES/WORK PACKAGES. DESTROY SUPERSEDED DATA

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: The portion of text affected by the changes is indicated by a vertical line in the outer margins of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for the original manual is:

Original.....0 30 Jun 04

Total number of pages for front and rear matter is 8 and the total number of work packages is 64, consisting of the following.

Page/WP No.	*Change No.	Page/WP No.	*Change No.	Page/WP No.	*Change No.
Title.....	0				
A	0				
B blank.....	0				
Title Block	0				
i-ii	0				
WP 0001 00 - WP 0065 00	0				

* Zero in this column indicates an original page.

A/B blank

HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 30 JUNE 2004

TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT AND GENERAL SUPPORT
REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)
FOR
ADVANCED AVIATION FORWARD AREA
REFUELING SYSTEM (AAFARS)
MODEL M100A1**

NSN 4930-01-495-0024

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Equipment Technical Publications) through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeps.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or e-mail your letter or DA Form 2028 direct to AMSTA-LC-CI/TECH PUBS, TACOM-RI, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The e-mail address is TACOM-TECH-PUBS@ria.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

Distribution Statement A: Approved for public release; distribution is unlimited.

TABLE OF CONTENTS

		<u>WP Sequence No.</u>
INTRODUCTION.....		0001 00
GROUP 01	Pump -Engine Module Assembly – Power Section	0002 00
GROUP 0101	Engine Module Assembly	0003 00
GROUP 010101	Engine Assembly	0004 00
GROUP 0102	Fuel Transfer Pump PN 60975-5	0005 00
GROUP 0102	Fuel Transfer Pump PN 8424	0006 00
GROUP 0103	Pump -Engine Module Subframe Assembly	0007 00
GROUP 0104	Pump -Engine Module Frame	0008 00
GROUP 0105	Pump -Engine Module Fuel System.....	0009 00
GROUP 0106	Pump -Engine Module Exhaust System.....	0010 00
GROUP 0107	Unisex Coupling, 3 Inch, Flange Mount.....	0011 00
GROUP 02	Liquid Fuel Filter-Separator.....	0012 00
GROUP 0201	Unisex Coupling, 3 Inch, Flange Mount.....	0013 00
GROUP 0202	Unisex Coupling, 2 Inch., MNPT	0014 00
GROUP 03	Accessory Module	0015 00
GROUP 0303	Battery Power Cable Assembly (W202).....	0016 00
GROUP 0304	Control Box Assembly	0017 00
GROUP 030401	Control Panel Assembly	0018 00
GROUP 04	Auxiliary Pump Assembly	0019 00
GROUP 0401	Unisex Coupling, 2 Inch, Valved, FNPT.....	0020 00
GROUP 0402	Pump Assembly	0021 00
GROUP 0403	Unisex Coupling, 2 Inch, Valved, MNPT	0022 00
GROUP 05	Nozzle Kit	0023 00
GROUP 0501	D-1R Nozzle Assembly	0024 00
GROUP 050101	D-1 Nozzle Inlet.....	0025 00
GROUP 050102	45-psi Hose End Regulator	0026 00
GROUP 050103	D-1 Nozzle Body Assembly	0027 00
GROUP 0502	CCR Nozzle Assembly	0028 00
GROUP 050201	2-Inch Non-Valved Unisex Coupling.....	0029 00
GROUP 06	Discharge Hose Kit PN 532602	0030 00
GROUP 07	Discharge Hose Kit PN 532606	0031 00
GROUP 08	Discharge Hose Kit PN 532603	0032 00
GROUP 09	Discharge Hose Kit PN 532607	0033 00
GROUP 10	Discharge Hose Kit PN 532604	0034 00
GROUP 11	Discharge Hose Kit, PN 532605	0035 00
GROUP 12	Suction Hose Kit	0036 00
GROUP 13	Drum/Discharge Fitting Kit PN 532612-01-01	0037 00
GROUP 1301	2 Inch, Non-Valved, Unisex Coupling to 2 Inch Male Camlock	0038 00
GROUP 1302	2-Inch Unisex Coupling With Tee Inlet.....	0039 00
GROUP 14	Drum/Discharge Fitting Kit PN 532612-01-02.....	0040 00
GROUP 1401	2-Inch Unisex Coupling With Cross Inlet.....	0041 00
GROUP 1402	2-Inch Unisex Coupling With Wye Inlet.....	0042 00
GROUP 1403	2-Inch Unisex Coupling With Elbow Inlet.....	0043 00
GROUP 1404	Recirculation Manifold	0044 00
GROUP 15	Drum Adapter Kit	0045 00
GROUP 1501	2-Inch Unisex to 2-Inch Male Camlock Fitting Adapter.....	0046 00
GROUP 1502	2-Inch Unisex to 2-Inch Female Camlock Fitting Adapter.....	0047 00
GROUP 1503	2-Inch Unisex to 3-Inch Male Camlock Fitting Adapter.....	0048 00
GROUP 1504	2-Inch Unisex to 3-Inch Female Camlock Fitting Adapter.....	0049 00
GROUP 1505	2-Inch Unisex to 4-Inch Female Camlock Fitting Adapter.....	0050 00
GROUP 1506	2 Inch Unisex to 4 Inch Male Camlock Fitting Adapter.....	0051 00
GROUP 16	Storage Module	0052 00
GROUP 1601	Inlet Manifold, 2-Inch Unisex.....	0053 00

TABLE OF CONTENTS (Continued)

	<u>WP Sequence No.</u>
GROUP 1602	Air Intake Assembly .....0054 00
GROUP 16	Flex Coupling .....0055 00
GROUP 1603	Special Tools Kit.....0056 00
GROUP 17	500-Gallon Liquid Fuel Drum.....0057 00
GROUP 18	Towing Yoke Assembly .....0058 00
GROUP 19	Pressure Control Assembly .....0059 00
GROUP 20	Tricon Container.....0060 00
GROUP 21	Fire Extinguisher and Frame .....0061 00
GROUP 22	Manual Starter Kit .....0062 00
GROUP 23	Miscellaneous Kits .....0063 00
National Stock Number Index.....	0064 00
Part Number Index	.....0065 00

INTRODUCTION

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit, direct support and general support maintenance of the AAFARS. 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. 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. 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 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 AND SPECIAL TOOLS LIST WORK PACKAGES

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

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

<u>Source Code</u>	<u>Maintenance Code</u>	<u>Recoverability Code</u>
<u>XX</u>	<u>XX</u>	<u>X</u>
1st two positions: How to get an item	3rd position: Who can install, replace or use the item	4th position: Who can do complete repair* on the item
		5th position: Who determines disposition action on an unserviceable 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 to 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

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

NOTE

Items coded PC are subject to deterioration.

KD
KF
KB

Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance 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 requested/requisitioned 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 a higher level, order the item from the higher level of maintenance.

AO - Assembled by Unit/AVUM level
AF - Assembled by DS/AVIM level
AH - Assembled by GS 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.

XA

Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to the 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 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 one of 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).

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.

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

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 SMR code as follows:

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

**Recoverability
Code****Application/Explanation**

H	—	Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D	—	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of the 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 (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

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 Items (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

National Stock Number (NSN) Work Package.

1. STOCK NUMBER Column. This column lists the NSN In National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN.

NSN
(e.g., 5385-01-574-1467)
NIIN

When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

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 place 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).

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.

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk materials are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in TM 10-4930-351-14.

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/PN index work packages and the bulk material list in the repair parts list work package.

Associated Publications. The publication listed below pertains to the AAFARS.

<u>Publication</u>	<u>Short Title</u>
TM 10-4930-351-14	Operator, Unit, Direct Support and General Support Maintenance Manual

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.

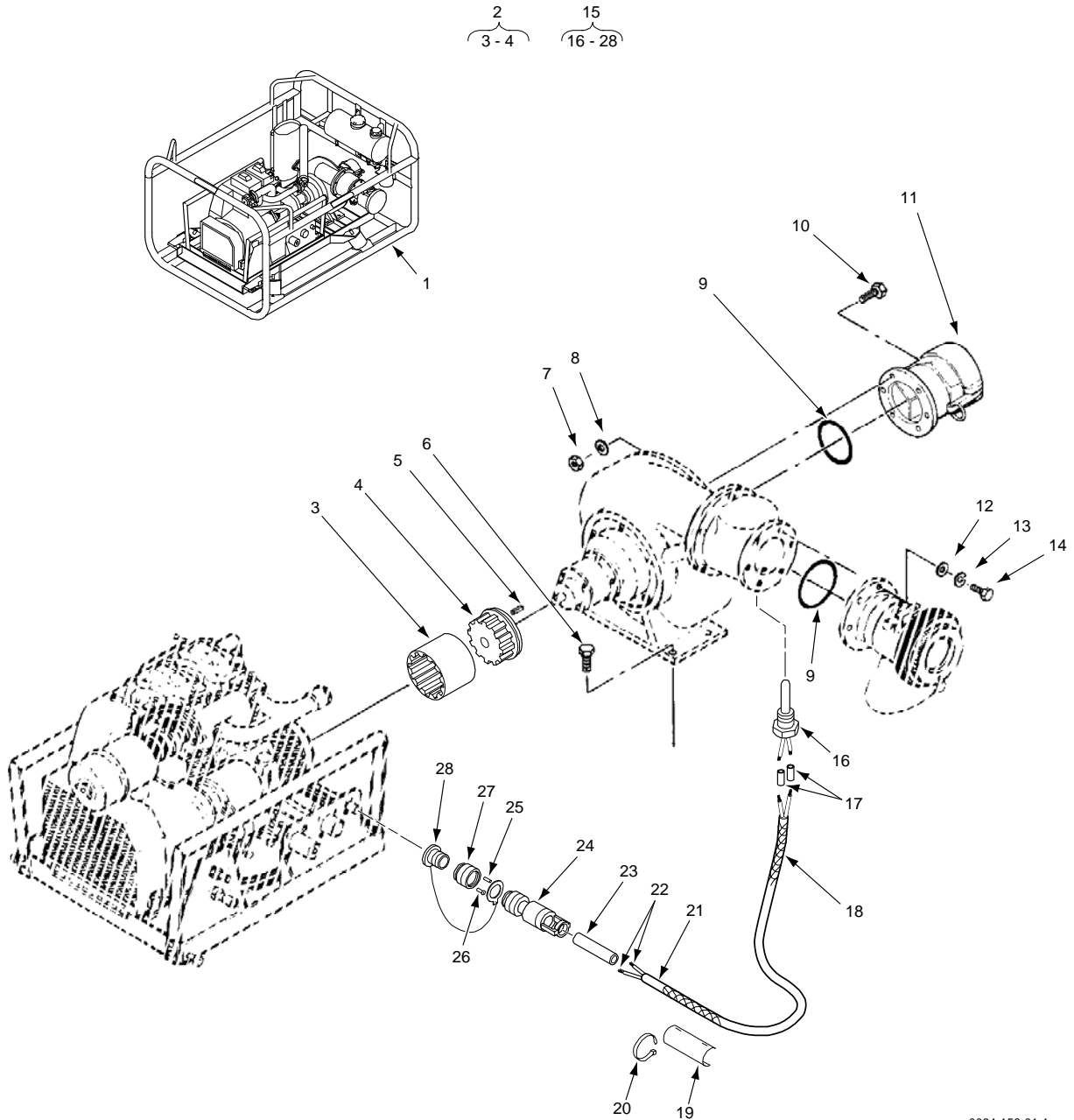
3. When P/N Is Known.

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.

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

**UNIT AND DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYTEM (AAFARS) M100A1
 PUMP-ENGINE MODULE ASSEMBLY – POWER SECTION
 REPAIR PARTS LIST**



0064-156-01-1

Figure 1. Pump-Engine Module Assembly – Power Section

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 1. PUMP-ENGINE MODULE ASSEMBLY - POWER SECTION						
1	PAOHH	4320-01-515-4731	63631	532100-01-01	PUMP-ENGINE MODULE ASSEMBLY	1
2	XDOOO		63631	532104-01-01	. . FLEX COUPLING ASSY	1
3	PAOZZ	3010-01-461-5799	00143	6300110	. . COUPLING, FLEXIBLE	1
4	XDOZZ		00143	2006490	. . ADAPTER, SPLINED	1
5	XDOZZ		80205	NAS558P606-12	. . KEY-SQUARE, .1875 IN X 3/4 IN L	1
6	PAOZZ	5305-00-727-6804	96906	MS35307-414	. . BOLT, MACHINE .500-13UNC X1.75 LG	4
7	PAOZZ	5310-00-881-0944	96906	MS21043-5	. . NUT, SLFLKG .313-24UNF	6
8	PAOZZ	5210-00-167-0814	80205	NAS1149C0532R	. . WASHER, FLAT # 5/16	6
9	PCOZZ	5331-00-251-9367	96906	MS29513-234	. . PACKING	2
10	PAOZZ	5306-00-182-2051	88044	AN5C13A	. . BOLT, MACHINE .313-24UNF X1.469 LG	6
11	XDOZZ		0DT23	64189	. . INLET, PUMP, QD.	1
12	PAOZZ	5310-01-352-9592	80205	NAS1149C0432R	. . WASHER, FLAT # 1/4	6
13	PAOZZ	5310-00-933-8121	96906	MS35338-139	. . WASHER, LOCK, NO. 1/4	6
14	PAOZZ	5306-00-156-2337	88044	AN4C5A	. . BOLT, MACHINE .250-28UNF X.656 LG	6
15	XDOOO		63631	532153-01-01	. . CABLE W103	1
16	PAOZZ	5930-01-460-5871	81349	MS24236-2EALTJT	. . SWITCH, THERMOSTATIC, S8	1
17	XDOZZ	5940-00-465-6149	80205	NAS1744-1	. . SPLICE, CONDUCTOR, HEAT-SHRINK, E1, E2	2
18	XDOZZ	5970-01-324-7870	92194	GRP-120-1/4-BLK	. . SLEEVING, BRAIDED, BLK	V
19	XDOZZ		85480	BT-508Y-2075	. . TAG, MARKING, CABLE	3
20	PAOZZ	5975-00-984-6582	96906	MS3367-1-0	. . STRAP, TIEDOWN	9
21	PAOZZ	5970-01-161-6796	81349	M23053/4-302-0	. . SLEEVING, INSUL, .240 DIA, BLK	V
22	PAOZZ	6145-01-042-4621	81349	M22759/16-20-9	. . WIRE, ELEC, 20 AWG, WHT	V
23	PAOZZ	5365-00-598-5417	96906	MS3420-3	. . BUSHING, RUBBER	1
24	PAOZZ	5935-01-341-0800	81349	M85049/18-11W02	. . BACKSHELL, STRAIGHT	1
25	PAOZZ	5999-00-243-6500	81349	M39029/58-363	. . CONTACT, PIN, SIZE 20	2
26	PAOZZ	5935-00-496-7171	96906	MS27488-20	. . PLUG, SEALING	3
27	PAOZZ	5935-01-362-6299	81349	D38999/26WB5PN	. . CONNECTOR, PLUG, P1	1
28	PAOZZ	5935-01-290-6996	81349	D38999/32W11N	. . CAP, DUST, PLUG	1
END OF FIGURE						

**UNIT AND DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
ENGINE MODULE ASSEMBLY
REPAIR PARTS LIST**

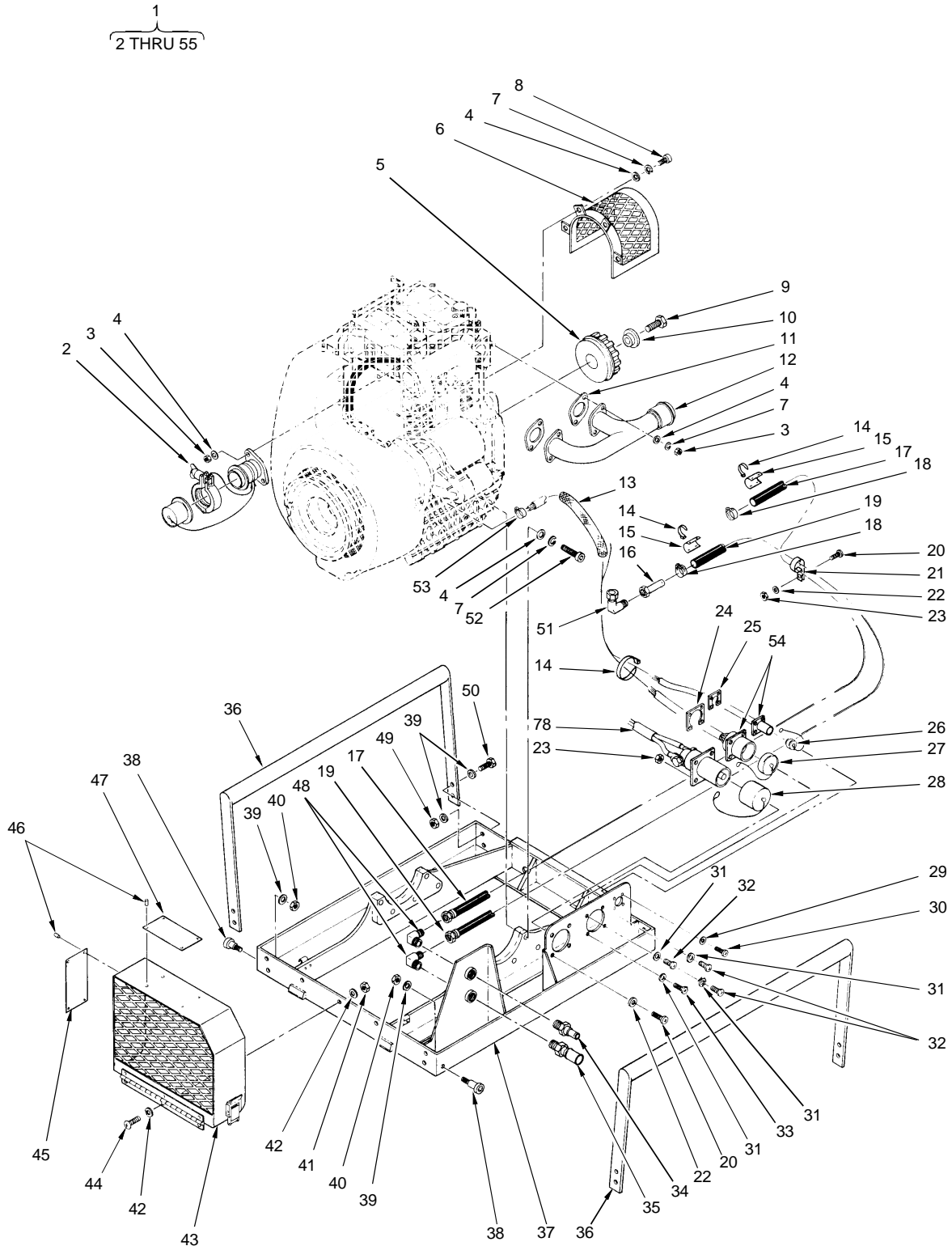


Figure 2. Engine Module Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 0101 ENGINE MODULE ASSEMBLY						
FIGURE 2. ENGINE MODULE ASSEMBLY						
1	PDOFF	2815-01-515-5401	63631	532500-01-01	ENGINE MODULE ASSEMBLY	1
2	XDOZZ		63631	532505-01-01	. ADAPTER, AIR INTAKE	1
3	PAOZZ	5310-01-396-8050	62445	32590	. NUT, PLAIN, HEXAGON	6
4	PAOZZ	5310-00-167-0814	80205	NAS1149C0532R	. WASHER, FLAT	14
5	XDOZZ		00143	2017000	. COUPLING, FLEX	1
6	XDOZZ		63631	532503-01-01	. GUARD, COUPLING	1
7	PAOZZ	5310-00-974-6623	96906	MS35338-140	. WASHER, LOCK	12
8	XDOZZ		62445	HC-M8X20MM-S-O	. SCREW, SOCKET	4
9	PAOZZ	5305-01-459-3063	62445	7799365	. SCREW CAP SOCKET HE	1
10	XDOZZ		63631	532508-01	. BUSHING, COUPLING	1
11	PAOZZ	5330-01-396-8058	62445	45124	. GASKET	2
12	XDOZZ		63631	532504-01-01	. EXHAUST MANIFOLD	1
13	PAOZZ	6145-00-220-9660	81348	QQB575R36T500	. BRAID, WIRE	V
14	PAOZZ	5975-00-984-6582	96906	MS3367-1-0	. STRAP, TIEDOWN, ELECT	V
15	XDOZZ		85480	BT-508Y-2075	. TAG, MARKING, CABLE	2
16	PAOZZ	4730-01-460-1541	11649	SS-3-HC-7-2	. CONNECTOR, HOSE	1
17	PAOZZ		63631	532506-02	. FUEL LINE, RETURN	1
18	PAOZZ	4730-00-908-3195	81343	SAE J1508-06	. CLAMP, HOSE	2
19	PAOZZ	4720-01-515-3162	63631	532506-01	. FUEL LINE, SUPPLY	2
20	PAOZZ	5305-00-059-3660	96906	MS51958-64	. SCREW, MACHINE	4
21	PAOZZ	5340-01-156-5483	96906	MS21919WCJ16	. CLAMP, LOOP	3
22	PAOZZ	5310-01-352-2752	80205	NAS1149C0332R	. WASHER, FLAT	4
23	PAOZZ	5310-00-844-3302	96906	MS21043-3	. NUT, SELF-LOCKING, EX	5
24	XDOZZ		81349	M85528/2-25-A-01-A	. PLATE, RETAINING, ELE	1
25	XDOZZ		04967	FSS1-1001	. PLATE, RETAINING, ELE	1
26	PAOZZ	5935-01-282-9854	81349	D38999/33W11R	. COVER, ELECTRICAL CO	1
27	PAOZZ	5935-01-280-5470	81349	D38999/33W25R	. COVER, ELECTRICAL CO	1
28	PAOZZ	5340-01-459-9722	19207	11675004-1	. PLUG, PROTECTIVE	1
29	PAOZZ	5310-01-338-4121	80205	NAS1149CN432R	. WASHER, FLAT	4
30	PAOZZ	5305-00-054-5651	96906	MS51957-17	. SCREW, MACHINE	4
31	PAOZZ	5310-01-352-9588	80205	NAS1149CN632R	. WASHER, FLAT	4
32	PAOZZ	5305-00-054-6654	96906	MS51957-30	. SCREW, MACHINE	4
33	PAOZZ	5305-00-054-6655	96906	MS51957-31	. SCREW, MACHINE	1
34	XDOZZ		73992	LL2-K16-146	. COUPLING HALF, MALE	1
35	XDOZZ		73992	LL2-H16-146	. COUPLING HALF, FEMALE	1
36	XDOZZ		63631	532502-18	. HANDLE	2
37	XDOOO		63631	532502-01-01	. FRAME, ENGINE MOUNT	1
38	XDOZZ		3A054	90298A578	. BOLT	2
39	PAOZZ	5310-00-531-9515	88044	AN960C416	. WASHER, FLAT	18
40	PAOZZ	5310-00-989-0908	96906	MS35691-3	. NUT, PLAIN, HEXAGON	2
41	PAOZZ	5310-00-878-7196	96906	MS21043-08	. NUT, SELF-LOCKING, EX	3
42	PAOZZ	5310-00-880-5975	80205	NAS620C8L	. WASHER, FLAT	6
43	XDOZZ		63631	532507-01-01	. GUARD, PULLEY	1
44	PAOZZ	5305-00-054-6671	96906	MS51957-46	. SCREW, MACHINE	3
45	XDOZZ		63631	532562-01	. PLATE, IDENTIFICATION	1
46	XDOZZ		96906	MS20604R4W2	. RIVET, BLIND	8
47	XDOZZ		63631	532561-01	. PLATE, LIFTING RQMTS	1
48	XDOZZ		96906	MS20822-4-4D	. ELBOW, PIPE TO TUBE	2
49	PAOZZ	5310-00-889-2589	96906	MS21044C4	. NUT, SELF-LOCKING, HE	8
50	PAOZZ	5306-00-156-2339	88044	AN4C7A	. BOLT, MACHINE	8
51	XDOZZ		02570	SS-6M0-2-2	. FITTING, TUBE, MALE E	1
52	PAOZZ		62445	HC-M8X35MM-S-O	. SCREW, SOCKET	10
53	XDOZZ		74821	97H3	. CLAMP, HOSE .31W X DIA .065 MAX	1
54	XDOZZ		63631	532551-01-01	. CABLE ASSEMBLY, ENGINE MODULE (W101)	1
55	XDOFF		63631	532552-01-01	. CABLE ASSEMBLY, BATTERY/STARTER (W102)	1

END OF FIGURE

UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
ENGINE ASSEMBLY
REPAIR PARTS LIST

1
A
(2 THRU 224)

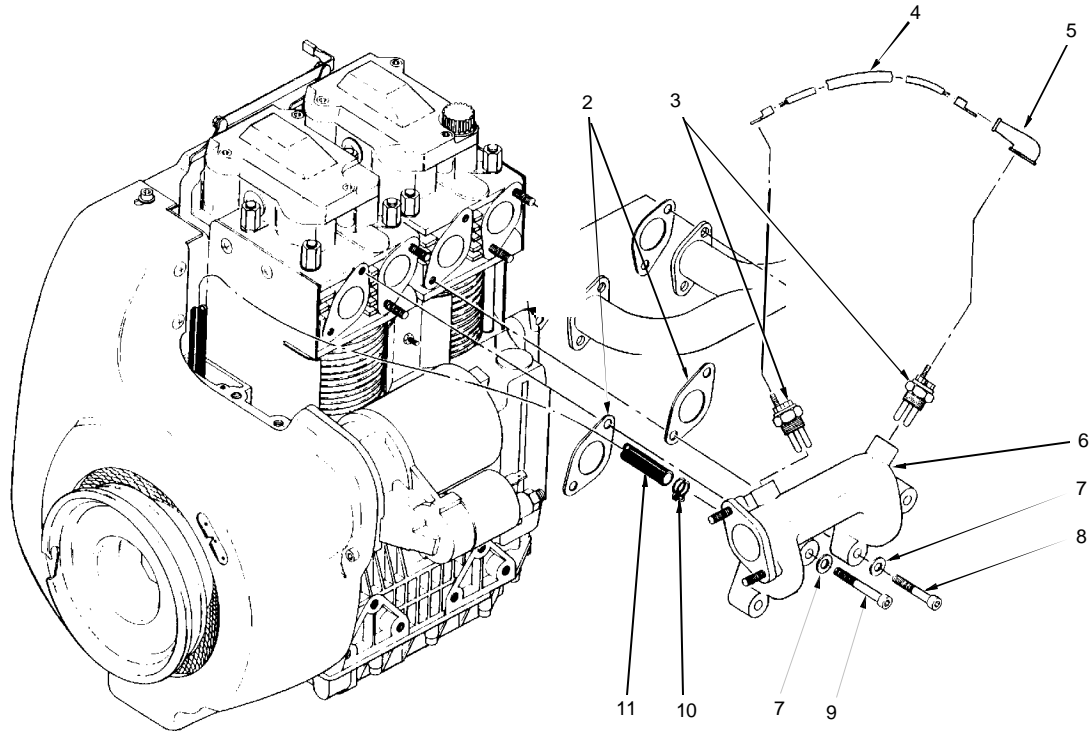


Figure 3. Engine Assembly – Intake Manifold (Sheet 1)

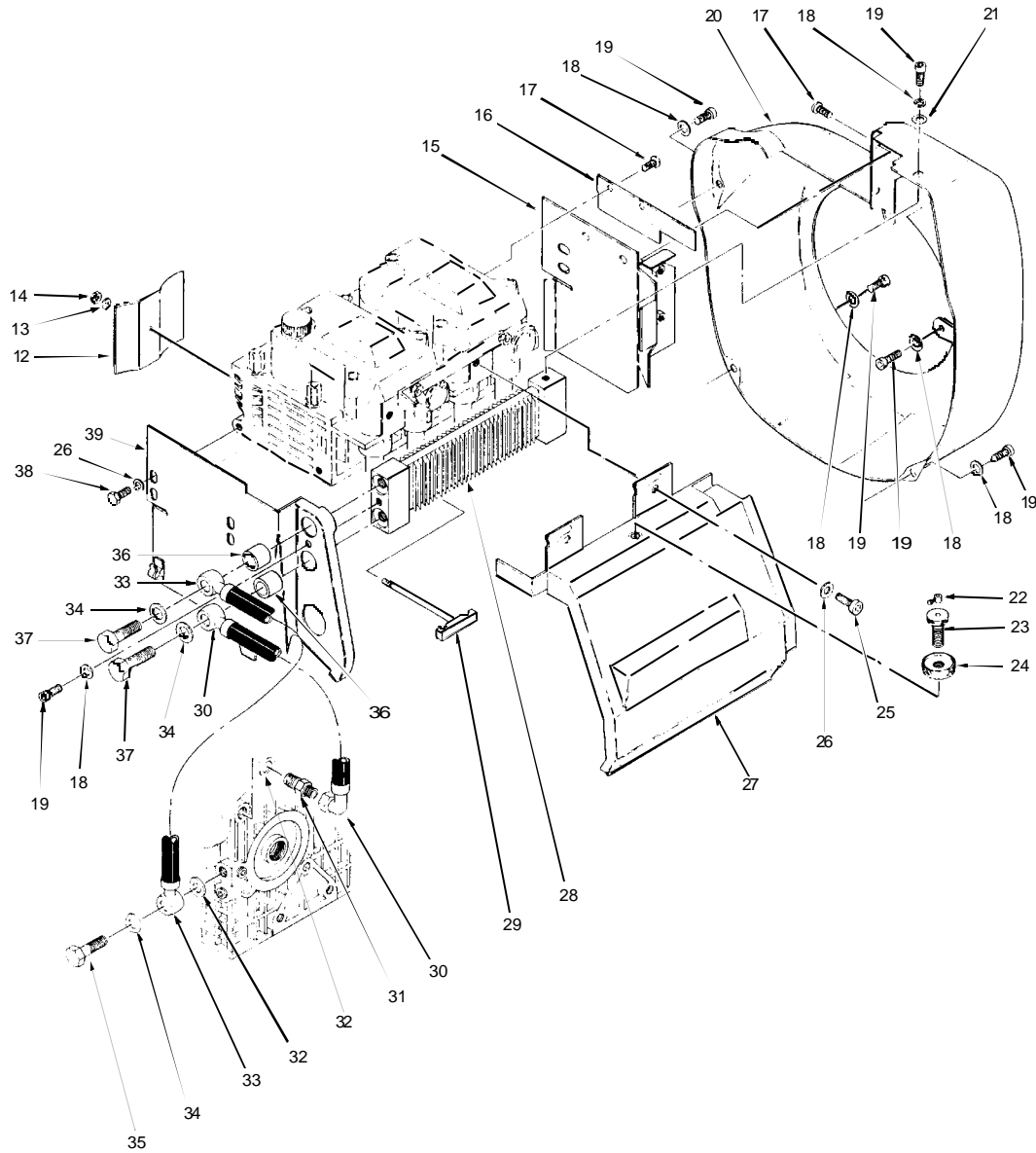


Figure 3. Engine Assembly – Shrouds and Gates (Sheet 2)

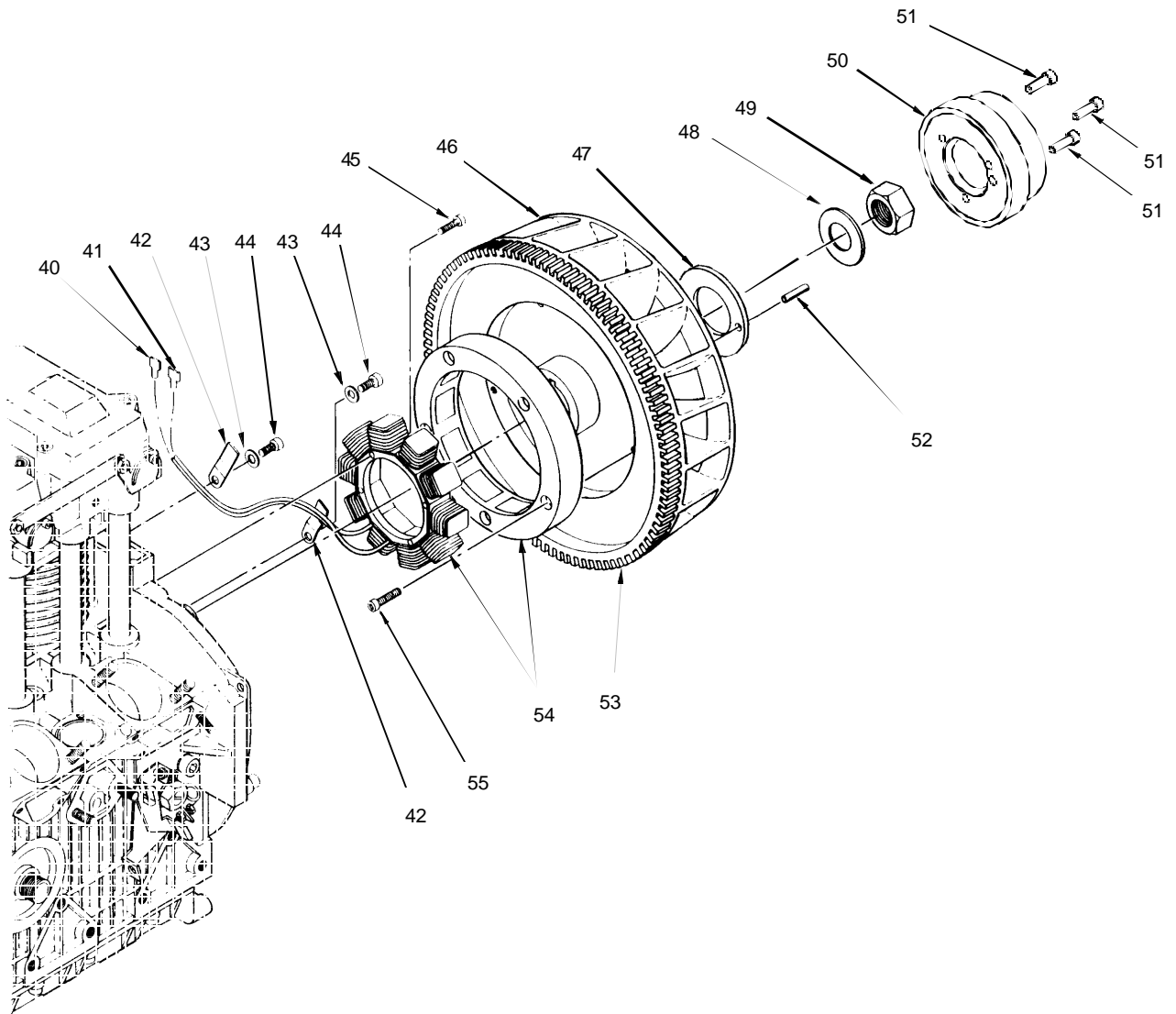


Figure 3. Engine Assembly – Flywheel End (Sheet 3)

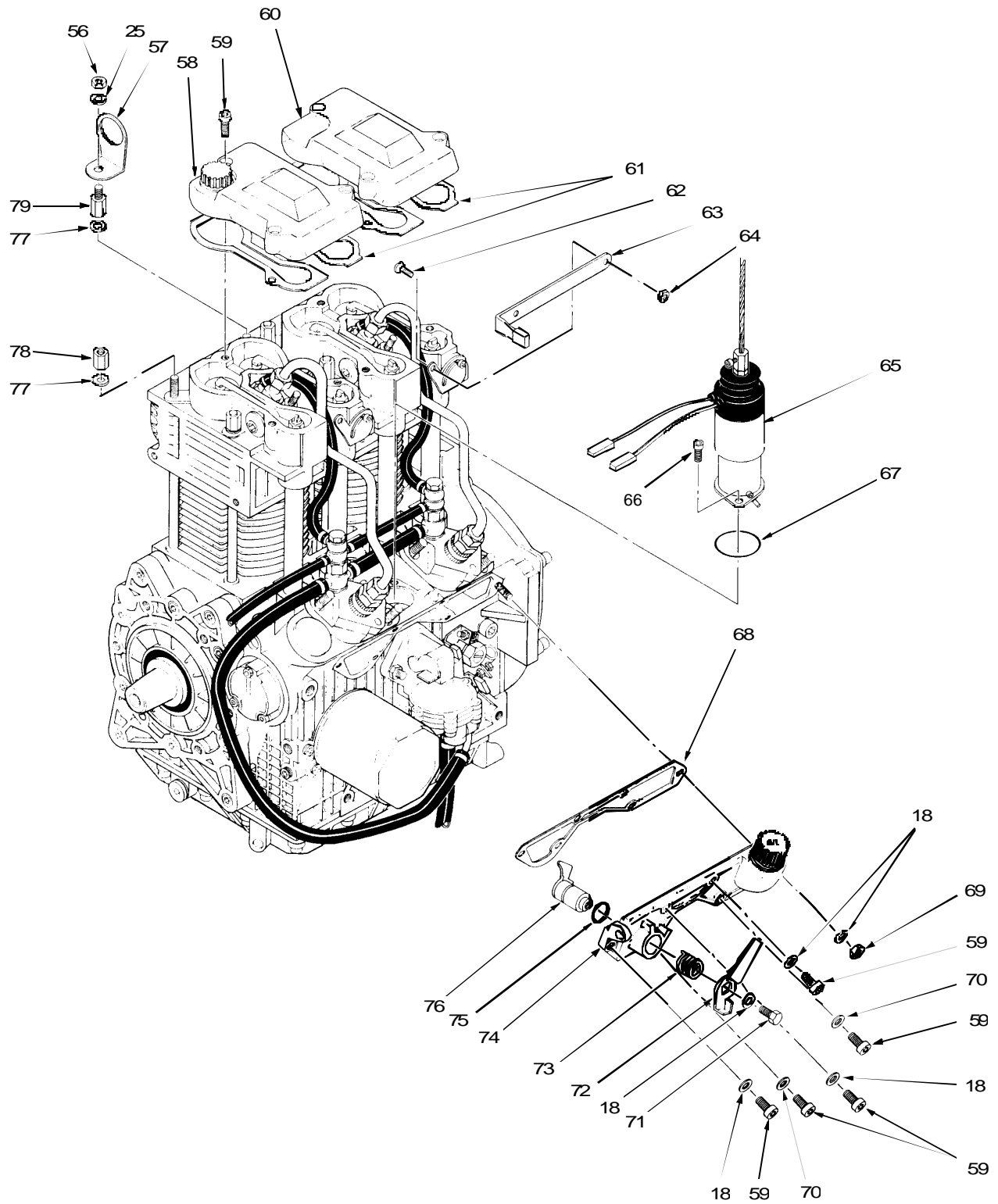


Figure 3. Engine Assembly – Valves and Fuel Covers, Fuel Solenoid (Sheet 4)

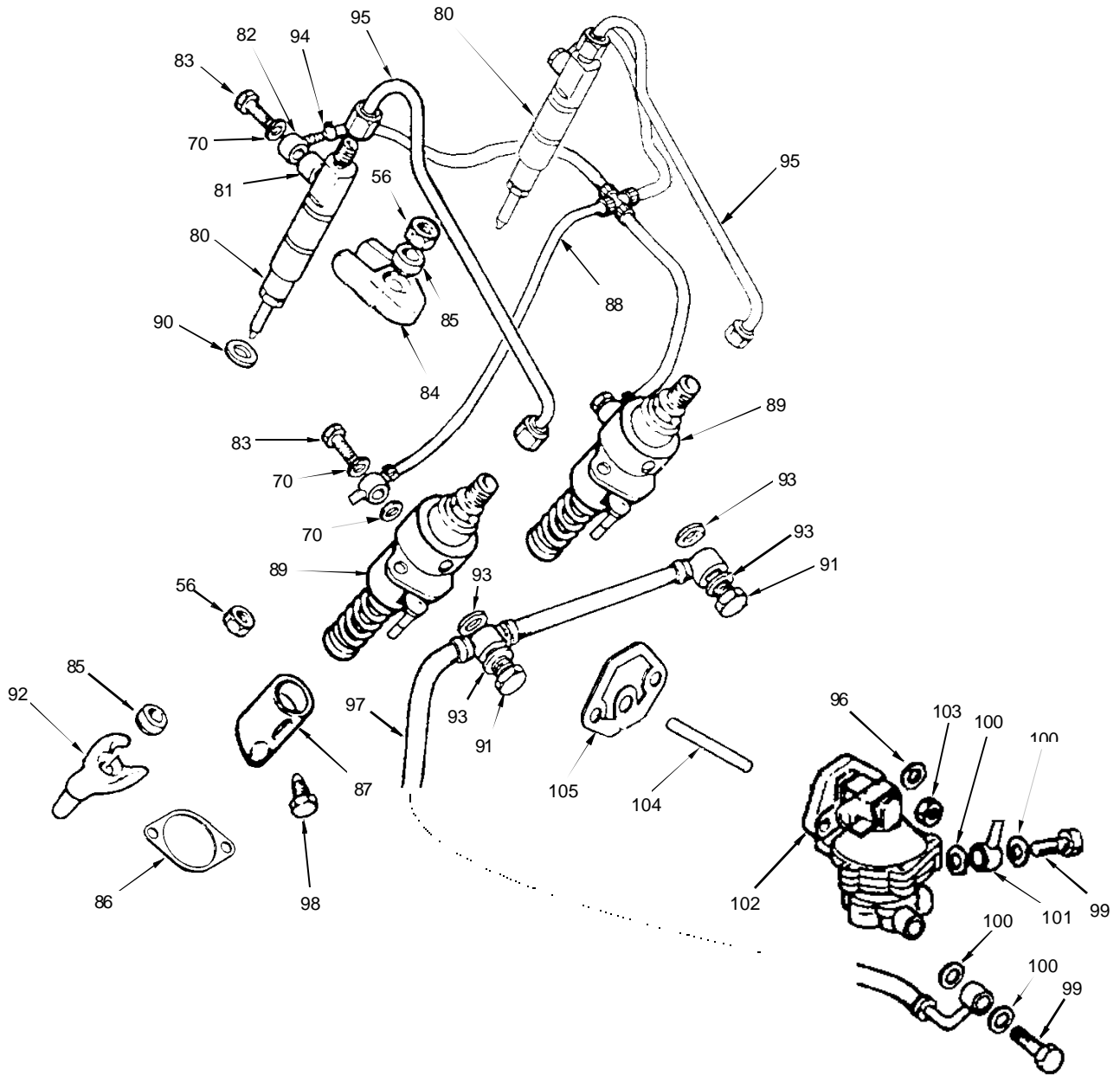


Figure 3. Engine Assembly – Fuel System Components (Sheet 5)

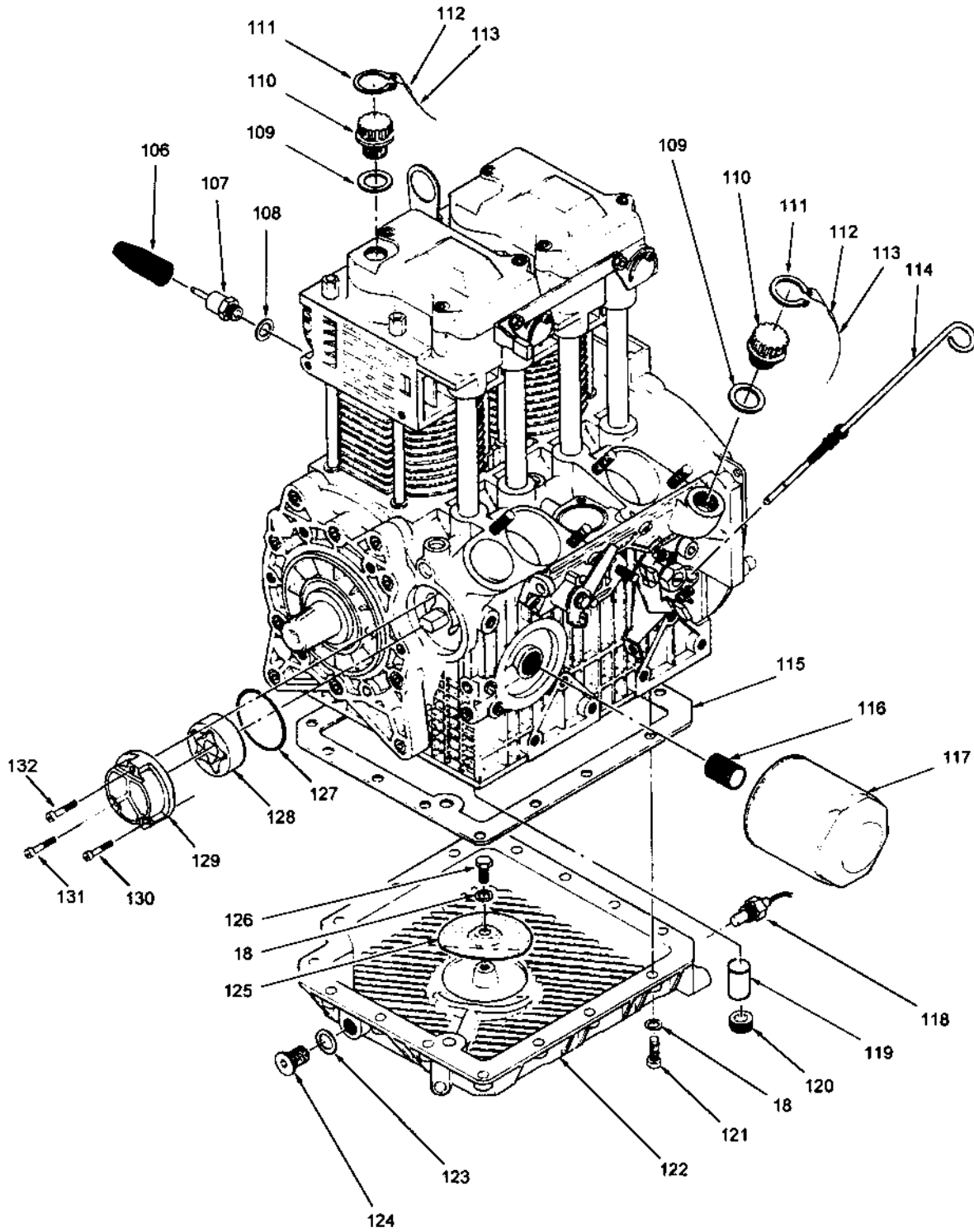


Figure 3. Engine Assembly – Oil System Components (Sheet 6)

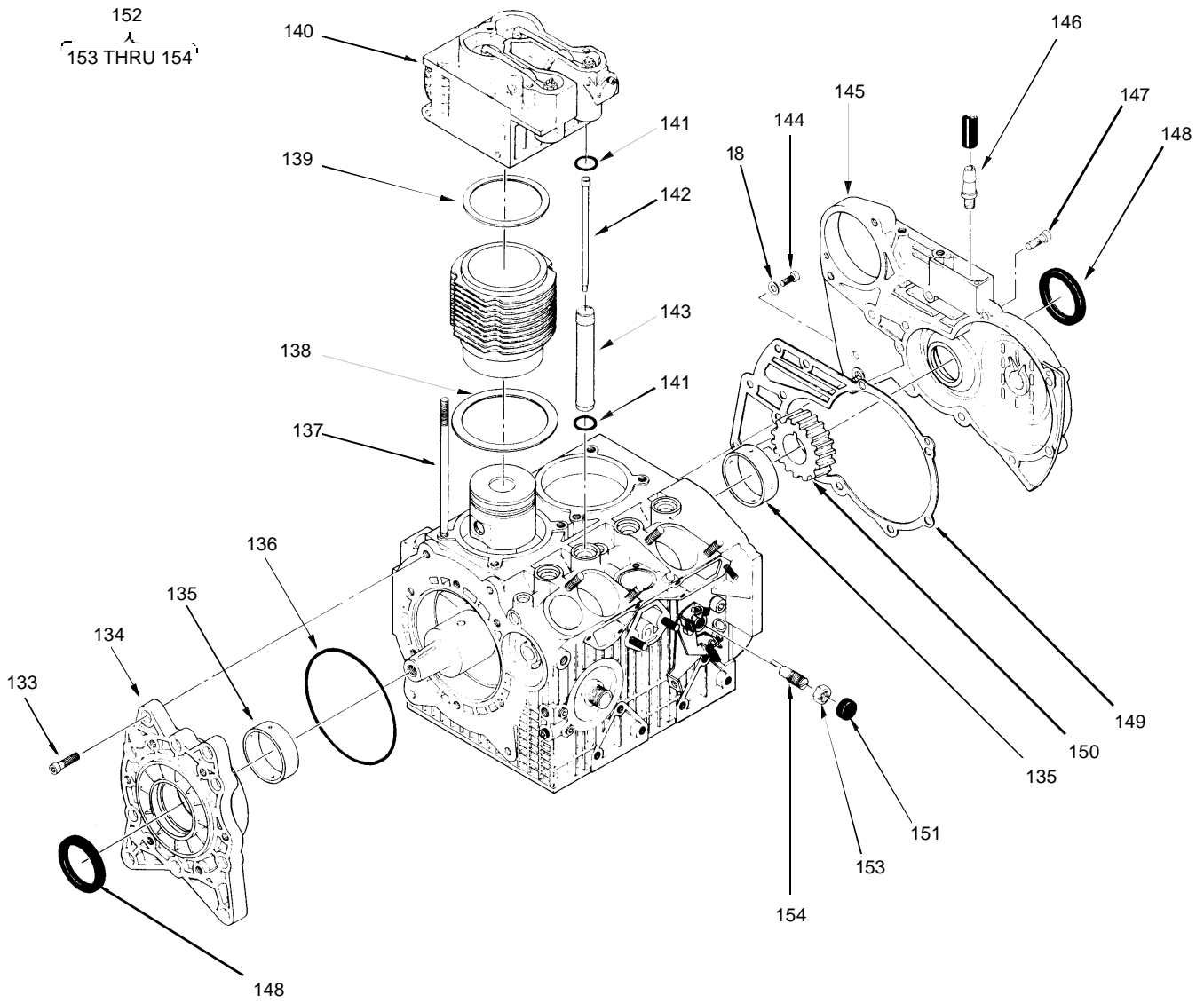


Figure 3. Engine Assembly – End Covers and Top End Components (Sheet 7)

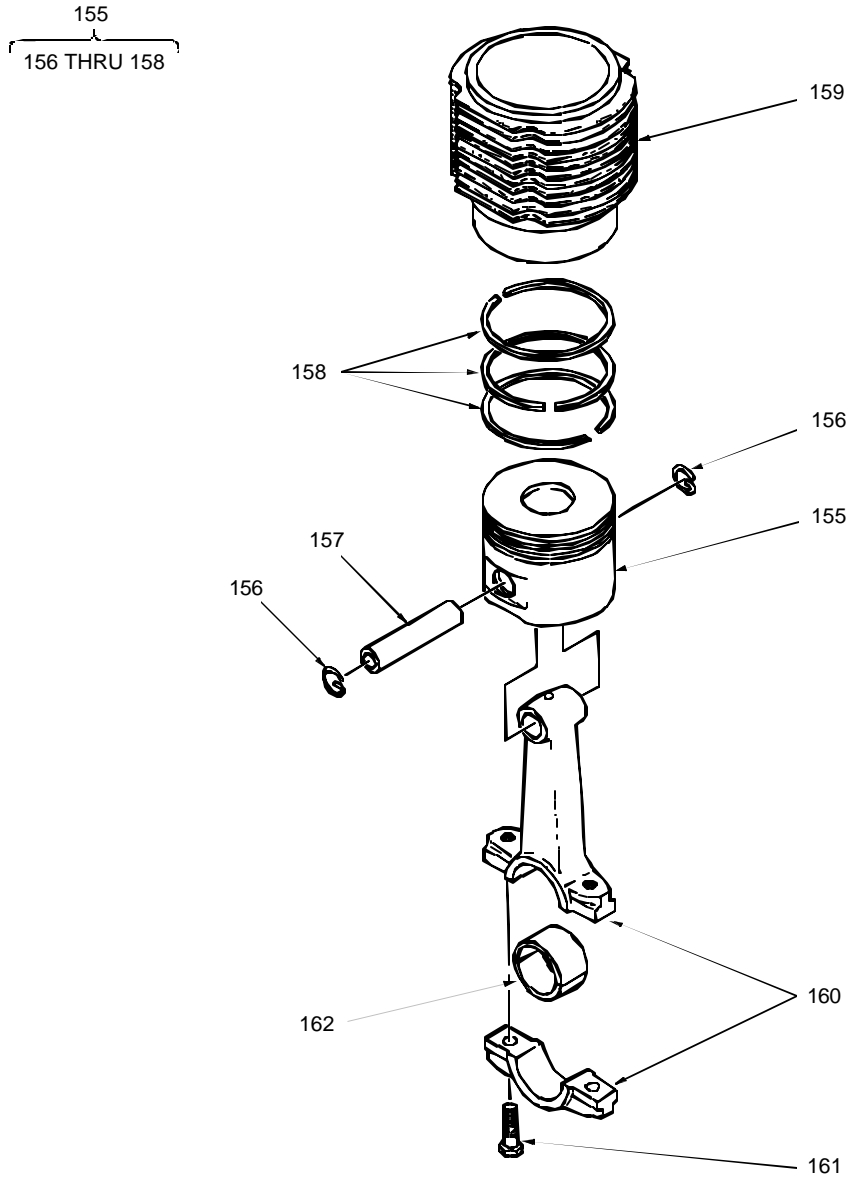


Figure 3. Engine Assembly – Cylinder-Piston Assembly (Sheet 8)

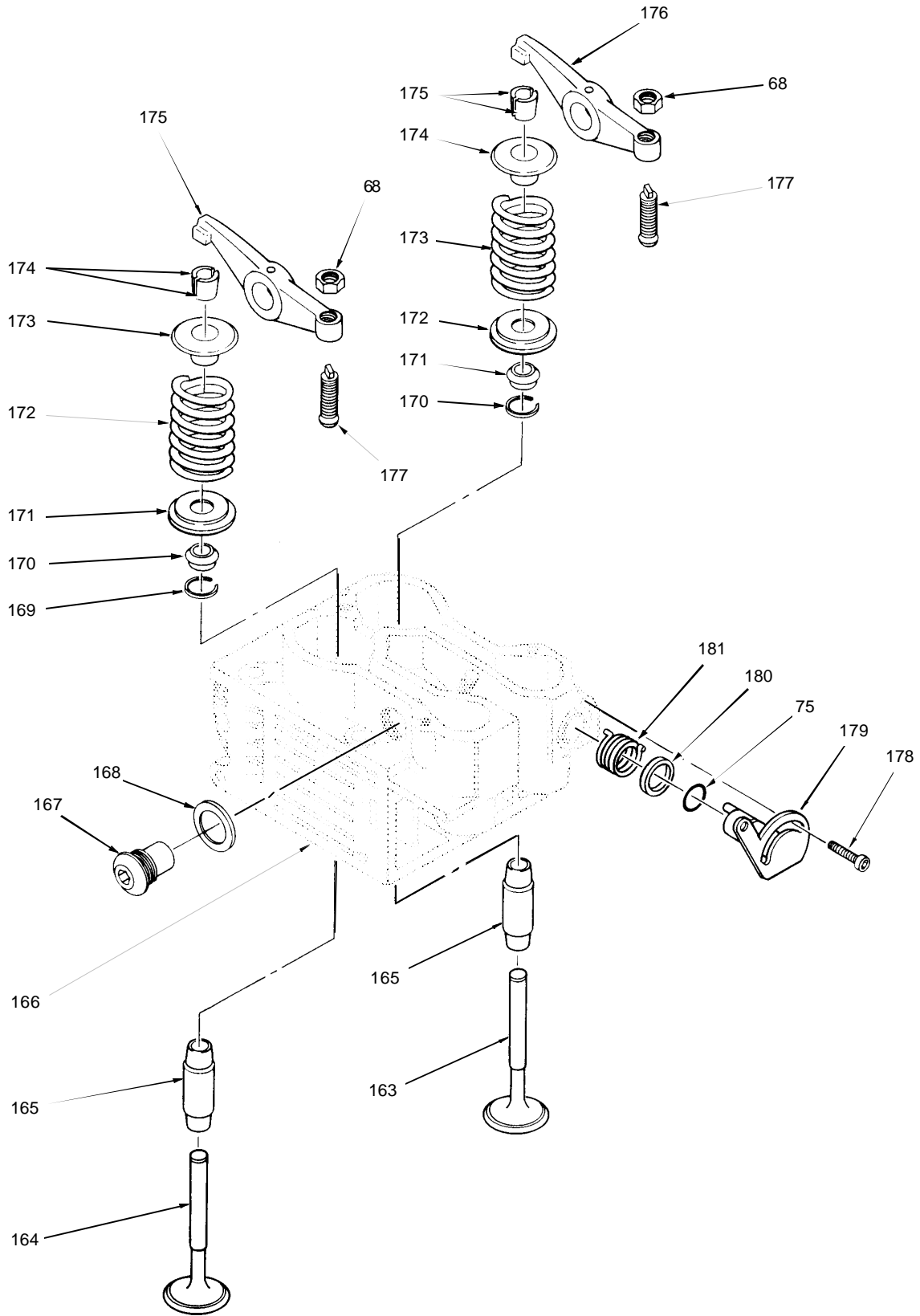


Figure 3. Engine Assembly – Cylinder Head Assembly (Sheet 9)

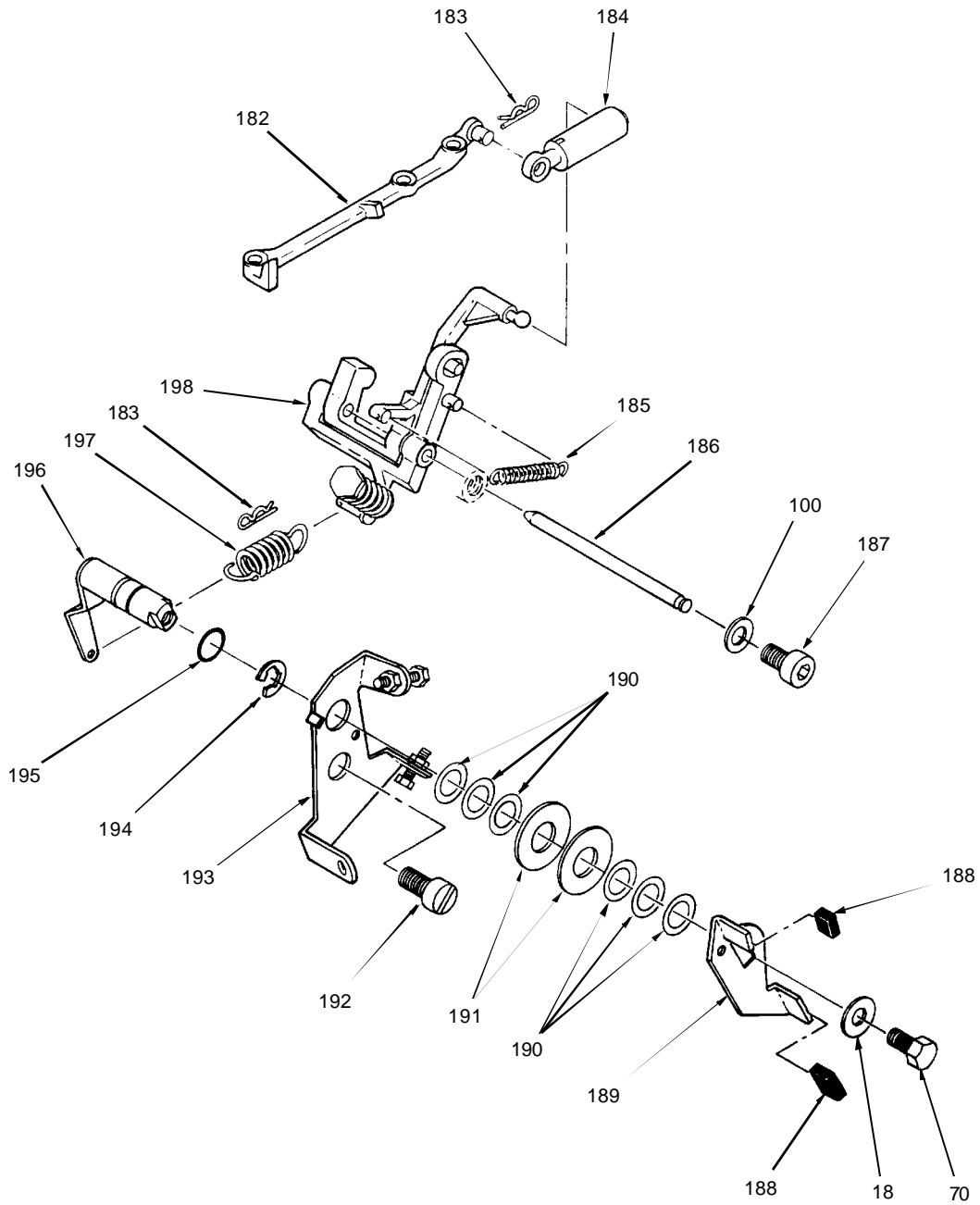


Figure 3. Engine Assembly – Governor Assembly (Sheet 10)

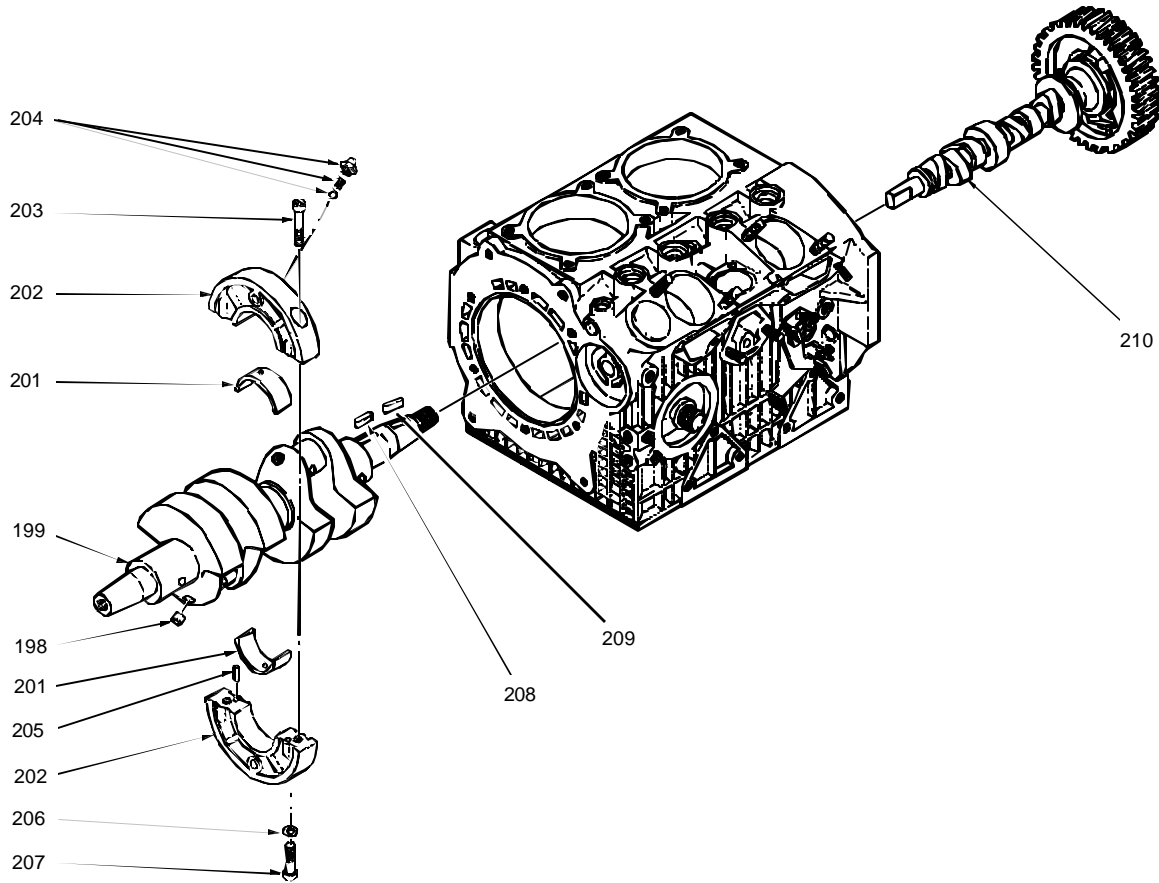


Figure 3. Engine Assembly – Camshaft/Crankshaft Assembly (Sheet 11)

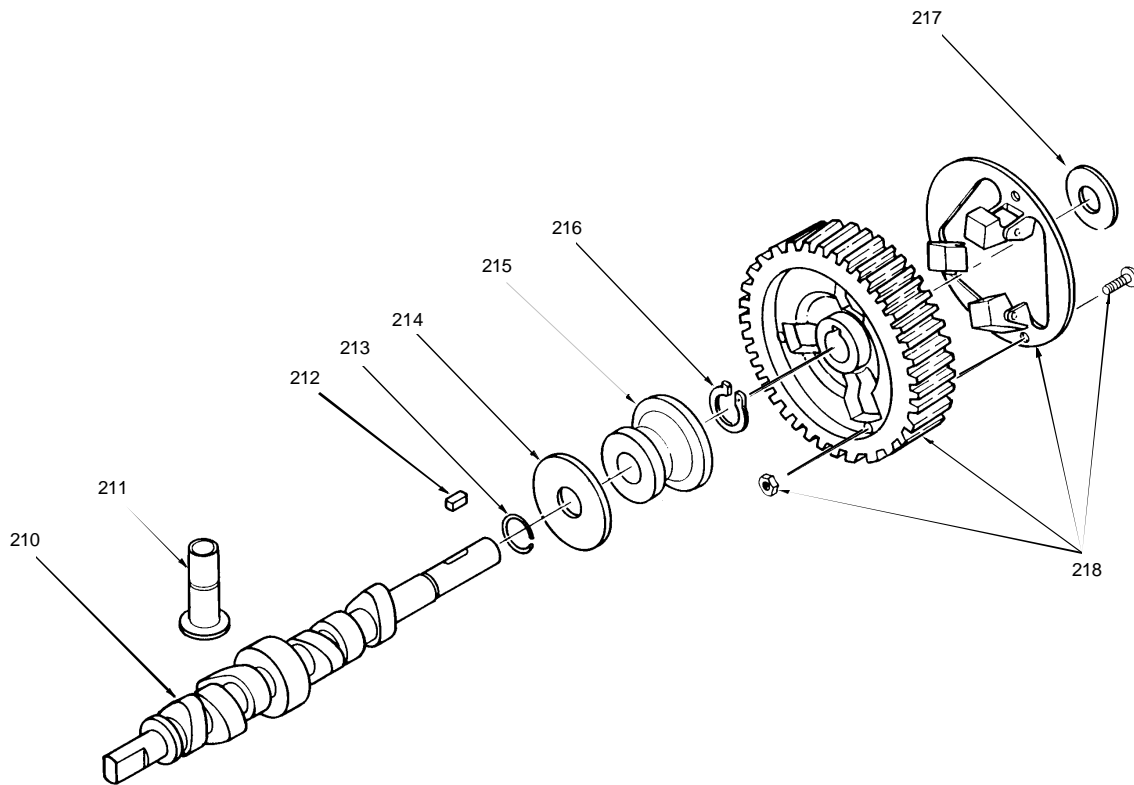


Figure 3. Engine Assembly – Camshaft Assembly (Sheet 12)

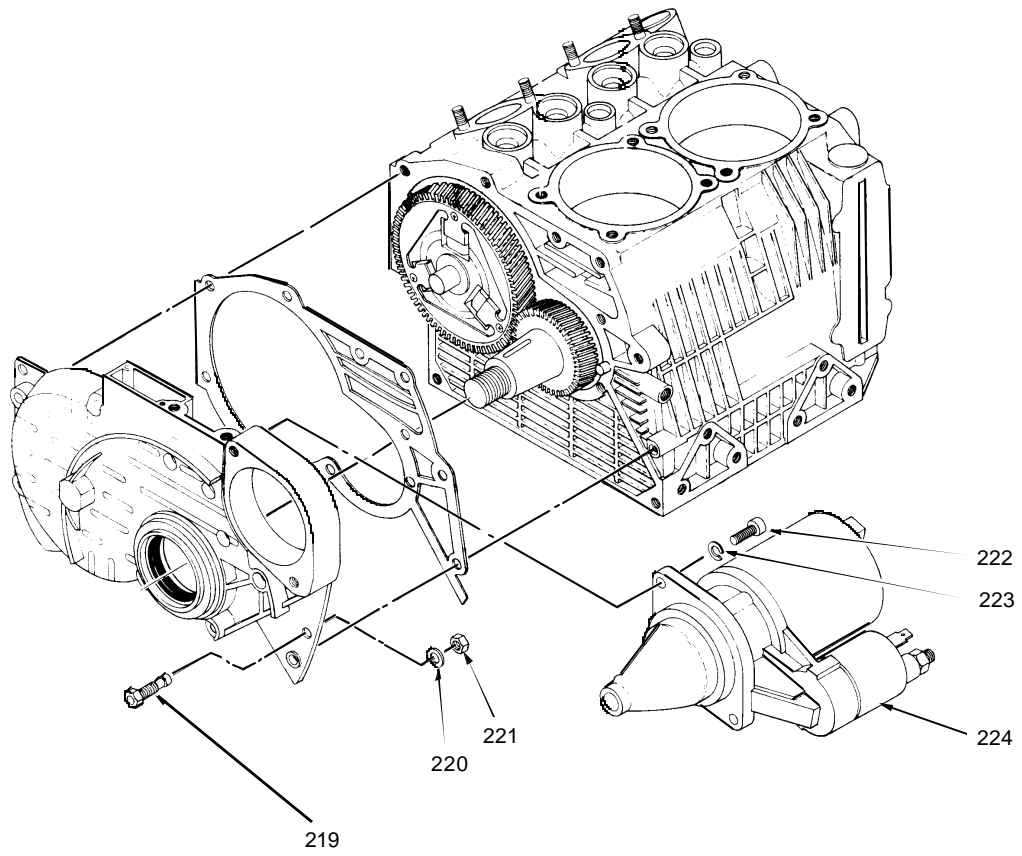


Figure 3. Engine Assembly – Starter, RFI Fitting (Sheet 13)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 010101 ENGINE ASSEMBLY						
FIGURE 3. ENGINE ASSEMBLY						
1	PAOHH	2815-01-515-5404	63631	532501-01-01	ENGINE ASSEMBLY, MODIFIED	1
2	PAOZZ	5330-01-396-8052	62445	45062	. GASKET	2
3	PAOZZ	5905-01-460-1472	62445	7714724	. HEATER, INTAKE AIR	2
4	XDOZZ		62445	7718855	. CABLE ASSEMBLY, SPEC	1
5	PAOZZ	5975-00-553-7151	96906	MS25171-2S	. CABLE NIPPLE, ELECTR	1
6	XDOZZ		62445	7721159	. MANIFOLD, INTAKE	1
7	PAOZZ	5310-01-422-0728	62445	7777111	. WASHER, FLAT	4
8	PAOZZ	5305-01-396-7295	62445	99236	. SCREW, CAP, SOCKET HE	2
9	PAOZZ	5305-01-396-7290	62445	99201	. SCREW, CAP, SOCKET HE	2
10	PAOZZ	4730-01-396-5202	62445	37551	. CLAMP, HOSE	1
11	PAOZZ	4710-15-149-2424	62445	7794951	. TUBE	1
12	PAHZZ	4820-01-459-0932	62445	7758920	. GATE	1
13	PAHZZ	5310-01-357-5756	62445	7777138	. WASHER, FLAT	1
14	PAHZZ	5310-01-458-8327	62445	7732353	. NUT	1
15	XDHZZ	5340-01-396-3963	62445	7758885	. BRACKET, MOUNTING	1
16	XDHZZ	5340-01-458-9151	62445	7758908	. DUCT PLATE	1
17	PAHZZ	5305-01-396-7286	62445	99775	. SCREW, CAP, HEXAGON H	4
18	XDHZZ		62445	7777105	. WASHER	6
19	PAHZZ	5305-01-396-7280	62445	99227	. SCREW, CAP, SOCKET HE	5
20	XDHZZ		62445	7722872	. SHROUD	1
21	XDHZZ		62445	7777151	. WASHER	1
22	PAOZZ	5120-01-459-1291	62445	7737588	. CLAMP	1
23	XDOZZ		62445	7767438	. LOCK NUT, THUMB	1
24	XDOZZ		63631	532521-01	. LOCK NUT, THUMB	1
25	PAOZZ	5305-01-396-7278	62445	99213	. SCREW, CAP, SOCKET HE	2
26	PAOZZ	5310-01-460-0067	62445	7777109	. WASHER	4
27	XDOZZ		62445	7729671	. CYLINDER CASING	1
28	XDHZZ		62445	7780428	. RADIATOR	1
29	XDHZZ		62445	7792678	. TIEROD	1
30	PAHZZ	4710-15-149-2421	62445	7794940	. OIL PIPE	1
31	XDHZZ		62445	7771791	. UNION	1
32	XDHZZ		62445	7775407	. WASHER	2
33	PAHZZ	4710-15-149-2422	62445	7794942	. OIL PIPE	1
34	XDHZZ		62445	7775438	. WASHER	3
35	PAHZZ	4730-15-149-2423	62445	7771792	. UNION	1
36	XDHZZ		62445	7735550	. SPACER	2
37	PAHZZ	4730-15-149-2420	62445	7771790	. UNION	2
38	XDHZZ	5305-01-458-7791	62445	7799302	. CAPSCREW	2
39	PAHZZ	5340-01-458-9153	62445	7758919	. GATE	1
40	XDHZZ		19328	964305(M)	. LUG, SPADE	1
41	XDHZZ		19328	964205(F)	. LUG, SPADE	1
42	XDHZZ		62445	7761376	. SAFETY PLATE	2
43	PAHZZ	5310-01-460-0080	62445	7777101	. WASHER	2
44	PAHZZ	5305-01-459-3062	62445	7799309	. CAPSCREW	2
45	XDHZZ	5305-01-458-7789	62445	7799206	. CAPSCREW	4
46	XDHZZ		62445	7797835	. FLYWHEEL	1
47	XDHZZ		62445	7735498	. SPACER	1
48	XDHZZ	5310-01-458-8325	62445	7777163	. WASHER	1
49	XDHZZ		62445	7732589	. NUT	1
50	XDOZZ		63631	532810-01	. COUPLING, MODIFIED	1
51	XDOZZ		62445	770097300150	. SCREW, M6x30	3
52	XDHZZ		62445	7785001	. TAPER PIN	1
53	XAHZZ	3020-01-460-3311	62445	7725614	. GEAR, RING	1
54	XDHZZ	2920-01-328-5303	62445	7701439	. ALTERNATOR	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
55	PAHZZ	5305-01-459-3061	62445	7799258	. CAPSCREW	5
56	XDOZZ	5310-01-396-8040	62445	32303	. NUT	5
57	PAOZZ	5340-01-458-9150	62445	7742722	. HOOK	1
58	XDOZZ	2815-01-430-7336	62445	7723384	. COVER	1
59	PAOZZ	5305-01-393-1891	62445	99246	. SCREW, CAP, SOCKET HE	11
60	XDOZZ		62445	7723382	. COVER	1
61	PAOZZ	5330-01-450-6775	62445	45131	. GASKET	2
62	XDOZZ		62445	7799765	. SCREW	2
63	XDOZZ		62445	7792684	. LEVER, DECOMPRESSION	1
64	XDOZZ		62445	7732655	. NUT	2
65	XDHZZ	5945-01-450-2765	62445	7767447	. SOLENOID, ELECTRICAL	1
66	XDHZZ		62445	7799407	. CAPSCREW	2
67	PCHZZ	5331-01-459-2050	62445	7757979	. O-RING	1
68	PAHZZ	5330-01-393-2897	62445	45108	. GASKET	1
69	XDHZZ	5310-01-393-9397	62445	32307	. NUT, PLAIN, HEXAGON	3
70	XDOZZ	5310-01-357-5762	62445	7775439	. WASHER, FLAT	4
71	XDHZZ	5305-01-393-1907	62445	99339	. SCREW, CAP, HEXAGON H.	2
72	XDHZZ	5340-01-394-3559	62445	49486	. HANDLE, CRANK	1
73	XDHZZ	5360-01-393-1894	62445	54728	. SPRING, FLAT	1
74	XDHZZ	5340-01-393-6806	62445	7723363	. COVER, ACCESS	1
75	XDHZZ		63631	532574-01	. PACKING, PREFORMED	3
76	XDHZZ	5340-01-394-3554	62445	49488	. HANDLE, CRANK	1
77	PAHZZ	5310-01-396-8054	62445	77202	. WASHER, FLAT	8
78	PAHZZ	5310-01-396-8049	62445	32638	. NUT, PLAIN, HEXAGON	7
79	XDOZZ		62445	32641	. NUT, PLAIN, HEXAGON	3
80	PAOZZ		62445	64490	. NOZZLE	2
81	PAOZZ	5310-01-406-0838	62445	75450	. WASHER	2
82	XDOZZ		62445	57529	. EYE	2
83	XDOZZ		62445	71728	. BOLT, MACHINE	2
84	XDOZZ	5340-01-421-9531	62445	7785894	. PLATE, MOUNTING	2
85	XDOZZ		62445	77197	. WASHER, FLAT	4
86	PAHZZ	5365-01-406-6401	62445	7745067	. SHIM	2
87	XDHZZ	2815-01-407-4908	62445	70818	. TAPPET, ENGINE POPPE	2
88	XDHZZ		62445	93899	. FUEL PIPE	1
89	XDHZZ		62445	65677	. INJECTION PUMP	2
90	PAOZZ	5330-01-313-7899	62445	7775435	. GASKET	2
91	XDHZZ		62445	71783	. BOLT, FLUID PASSAGE	2
92	XDHZZ		62445	SAE J1508-06	. BRACE	2
93	XDHZZ	5310-01-393-3776	62445	75402	. WASHER, FLAT	4
94	XDHZZ		62445	37572	. CLAMP	2
95	XDOZZ		62445	94481	. TUBE ASSEMBLY	2
96	XDOZZ		62445	76702	. WASHER	2
97	XDHZZ		62445	93895	. TUBE ASSEMBLY, METAL	1
98	XDHZZ		62445	99441	. CAPSCREW	2
99	XDOZZ	4730-01-359-8271	62445	7771625	. BOLT, FLUID PASSAGE	2
100	XDOZZ	5310-01-397-5142	62445	7775409	. WASHER, FLAT	5
101	XDOZZ		62445	7757514	. EYE	1
102	XDOZZ		62445	65242	. PUMP, FUEL	1
103	XDOZZ		OMFN7	51710	. NUT, SELF LKG.	2
104	XDOZZ	5340-01-421-9533	62445	70427	. ROD, DRIVE	1
105	PAOZZ	5330-01-406-7022	62445	45076	. GASKET	1
106	XDHZZ	5930-01-407-0053	62445	15150	. PUSH BUTTON	1
107	XDHZZ	5930-01-328-5275	62445	7767401	. SWITCH, PRESSURE	1
108	XDHZZ	5310-01-396-8056	62445	75428	. WASHER, FLAT	1
109	XDOZZ	5310-01-393-4905	62445	75839	. WASHER, FLAT	2
110	XDOZZ	5342-01-337-3209	62445	7789456	. THREADED PLUG	2
111	XDOZZ		3A054	98410A132	. RING, RETAINING	2
112	XDOZZ	4030-01-124-8201	96906	MS51844-82	. SWAGING SLEEVE, WIRE	4
113	XDOZZ		81349	M38420/2-002	. WIRE, FLEX, TYPE I	V

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
114	XDOZZ		62445	7707659	. ROD	1
115	PAHZZ	5330-01-459-2054	62445	7745122	. GASKET	1
116	XDHZZ	4730-01-396-2380	62445	71737	. NIPPLE, PIPE	1
117	PAOZZ	4330-01-331-2704	62445	7717525	. FILTER ELEMENT, FLUI	1
118	XDHZZ	5930-01-484-4682	62445	7767404	. SENSOR, OIL TEMP	1
119	PAHZZ	4530-01-459-6603	62445	7795636	. VALVE	1
120	XDHZZ	5305-01-396-7285	62445	99920	. SCREW, CAP, HEXAGON H	1
121	XDHZZ		62445	7799204	. CAPSCREW	15
122	XDHZZ		62445	7724886	. OIL PAN	1
123	XDOZZ	5310-01-396-8061	62445	75401	. WASHER, FLAT	1
124	PAOZZ	4730-01-459-1047	62445	7789403	. THREADED PLUG	1
125	XDHZZ	2940-01-430-7333	62445	7773472	. FILTERING DISK, FLUI	1
126	XDHZZ	5305-01-393-1900	62445	99312	. SCREW, CAP, HEXAGON H	1
127	XDHZZ	5331-01-396-8060	62445	57949	. O-RING	1
128	XDHZZ	2815-01-328-6202	62445	7712143	. OIL PUMP, LUBE	1
129	XDHZZ	5340-01-396-3968	62445	7723386	. COVER, ACCESS	1
130	XDHZZ	5305-01-396-7292	62445	99219	. SCREW, CAP, HEXAGON H	1
131	XDHZZ	5305-01-396-7292	62445	99219	. SCREW, CAP, HEXAGON H	1
132	XDHZZ	5305-01-396-7292	62445	99219	. SCREW, CAP, HEXAGON H	1
133	XDHZZ	5305-01-393-1897	62445	99217	. SCREW, CAP, HEXAGON H	10
134	XDHZZ		62445	7788025	. SUPPORT	1
135	XDHZZ	3120-01-396-8425	62445	7731077	. BEARING, SLEEVE	2
136	XDHZZ	5331-01-393-2900	62445	57978	. O-RING	1
137	PAHZZ	5307-01-459-3060	62445	7768434	. STUD	8
138	PAHZZ	5330-01-459-2066	62445	7745173	. GASKET	2
139	PAHZZ	5330-01-459-2063	62445	7745115	. GASKET	2
140	XDHHH		62445	7712139	. CYLINDER HEAD, DIESE	2
141	PAHZZ	5331-01-396-5886	62445	7757912	. O-RING	8
142	XDHZZ		62445	7707210	. ROD	4
143	XDHZZ		62445	7794038	. PROTECTION PIPE	4
144	XDHZZ	5305-01-393-1901	62445	99211	. SCREW, CAP, HEXAGON H	1
145	XDHZZ		62445	7724045	. COVER	1
146	XDHZZ	4730-01-396-5197	62445	71780	. ADAPTER, STRAIGHT, TU	1
147	XDHZZ	5305-01-393-1903	62445	99230	. SCREW, CAP, HEXAGON H	10
148	PAHZZ	5330-01-396-5884	62445	7712125	. O-RING	2
149	XDHZZ	5330-01-393-2902	62445	45059	. GASKET	1
150	XDHZZ	3020-15-120-1281	62445	7746964	. GEAR	1
151	XDHZZ	5340-01-393-9399	62445	88651	. CAP-PLUG, PROTECTIVE	1
152	XDHZZ		62445	7772224	. SETSCREW	1
153	XDHZZ	5310-01-393-9396	62445	32574	. NUT, PLAIN, HEXAGON	1
154	XDHZZ	5305-01-393-1904	62445	72223	. SETSCREW	1
155	XDHHH		62445	7712293	. PISTON ASSEMBLY	2
156	XDHZZ		62445	7705981	. . RING	2
157	XDHZZ		62445	7785417	. . PISTON PIN	1
158	XDHZZ		62445	7712277	. . PISTON RINGS	1
159	XDHZZ		62445	7720383	. CYLINDER	2
160	XDHZZ		62445	7710045	. CONNECTING ROD	2
161	XDHZZ		62445	7798960	. CAPSCREW	2
162	XDHZZ		62445	7731657	. BEARING	2
163	XDHZZ		62445	7796054	. VALVE, EXHAUST	1
164	XDHZZ		62445	7796053	. VALVE, INTAKE	1
165	XDHZZ		62445	7746456	. VALVE GUIDE	2
166	XDHZZ		62445	7712138	. CYLINDER HEAD W/ GUIDE	1
167	XDHZZ		62445	7760203	. JOURNAL	2
168	XDHZZ	5310-01-396-8055	62445	75434	. WASHER, FLAT	2
169	XDHZZ	5235-01-396-2273	62445	05968	. RING, RETAINING	2
170	XDHZZ	5330-01-396-5885	62445	7745125	. GASKET	2
171	XDHZZ	2815-01-331-6233	62445	7761635	. ROTOR, ENGINE POPPET	2
172	XDHZZ	5360-01-396-2277	62445	54077	. SPRING, HELICAL, COMP	2

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
173	XDHZZ	2815-01-331-6232	62445	7761636	. ROTOR, ENGINE POPPET	2
174	XDHZZ	2815-01-319-7485	62445	7780904	. LOCK, VALVE SPRING R.....	4
175	XDHZZ		62445	7710440	. ROCKER ARM, INTAKE.....	1
176	XDHZZ	2815-01-431-7423	62445	7710439	. ROCKER ARM, ENGINE P.....	1
177	XDHZZ	5305-01-396-7287	62445	72603	. SETSCREW	2
178	XDHZZ		62445	7799262	. SCREW	1
179	XDHZZ		62445	7749519	. ARM, DECOMPRESSION	1
180	PAHZZ	5310-01-460-0069	62445	7757913	. WASHER, FLAT	1
181	XDHZZ		62445	7754776	. SPRING, HELICAL COMPR	1
182	XDHZZ	3040-01-418-0063	62445	7792671	. LEVER, REMOTE CONTRO.....	1
183	XDHZZ	5340-01-400-1085	62445	55537	. CLIP, RETAINING.....	4
184	XDHZZ		62445	7783310	. JOINT	1
185	XDHZZ	5360-01-400-1927	62445	55114	. SPRING, HELICAL, EXTE.....	1
186	XDHZZ	2815-01-430-8933	62445	7760177	. JOURNAL, SHAFT	1
187	XDHZZ	5305-01-400-2838	62445	98962	. SCREW, CAP, SOCKET HE	1
188	XDHZZ	5340-01-400-2178	62445	15149	. BUMPER, NON-METALIC.....	2
189	XDHZZ	3040-01-400-6084	62445	7749469	. LEVER, REMOTE CONTRO.....	1
190	XDHZZ		62445	7777704	. SPRING	6
191	XDHZZ		62445	7774604	. WASHER.....	2
192	XDHZZ	5305-01-400-2839	62445	99710	. SCREW, CAP, HEXAGON H.....	1
193	XDHZZ	5430-01-400-2176	62445	61391	. PLATE, MOUNTING	1
194	XDHZZ	5325-01-396-2274	62445	01601	. RING, RETAINING.....	1
195	XDHZZ	5331-01-393-2899	62445	57901	. O-RING.....	1
196	XDHZZ	3040-01-400-6086	62445	7749468	. LEVER, REMOTE CONTRO.....	1
197	XDHZZ	5360-01-406-0040	62445	55129	. SPRING, HELICAL, EXTE.....	1
198	XDHZZ	3040-01-400-6082	62445	7749507	. LEVER.....	1
199	XDHZZ		62445	7712316	. CRANKSHAFT	1
200	XDHZZ	5340-01-396-3966	62445	7788644	. PLUG, VENT.....	4
201	XDHZZ	3120-01-397-0872	62445	7731031	. BEARING, SLEEVE.....	1
202	PAHZZ	5340-01-458-9161	62445	7788063	. BRACKET, MOUNTING.....	1
203	XDHZZ		62445	99235	. SCREW, CAP, SOCKET HE	2
204	XDHZZ		62445	7795642	. VALVE.....	2
205	XDHZZ	5315-01-396-2930	62445	84127	. PIN, TAPERED, PLAIN.....	2
206	XDHZZ		62445	77235	. WASHER, FLAT.....	2
207	XDHZZ	5305-01-396-7282	62445	99237	. SCREW, CAP, SOCKET HE	2
208	XDHZZ	5315-01-396-2925	62445	49819	. KEY, MACHINE.....	1
209	XDHZZ	5315-01-396-2923	62445	49823	. KEY, MACHINE.....	1
210	XDHZZ		62445	7712302	. CAMSHAFT.....	1
211	XDHZZ		62445	7770819	. TAPPET	4
212	XDHZZ	5315-01-396-2928	62445	49836	. KEY, MACHINE.....	1
213	XDHZZ	5330-01-397-8789	62445	05985	. RETAINER, PACKING	1
214	XDHZZ	5310-01-396-7277	62445	77778	. WASHER, FLAT.....	1
215	XDHZZ		62445	7762122	. RETAINER	1
216	XDHZZ	5325-01-396-2275	62445	04602	. RING, RETAINING.....	1
217	XDHZZ		62445	77733	. WASHER, FLAT.....	1
218	XDHZZ	3020-15-144-7347	62445	7746981	. GEAR, SPUR.....	1
219	XDHZZ		63631	532576-01	. FITTING, BULKHEAD.....	1
220	XDHZZ	5310-01-388-2287	80205	NAS1149C0632R	. WASHER, FLAT.....	1
221	XDHZZ	5310-00-881-0943	96906	MS21043-6	. NUT, SELF-LOCKING, EX	1
222	XDOZZ	5305-01-358-8291	62445	7799233	. SCREW, CAP, SOCKET HE	2
223	XDOZZ		62445	76303	. WASHER, LOCK	2
224	XDOZZ	2920-01-328-5289	62445	7756330	. STARTER, ENGINE, ELEC ELECTRIC.....	1

END OF FIGURE

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 FUEL TRANSFER PUMP PN 60975-5
 REPAIR PARTS LIST**

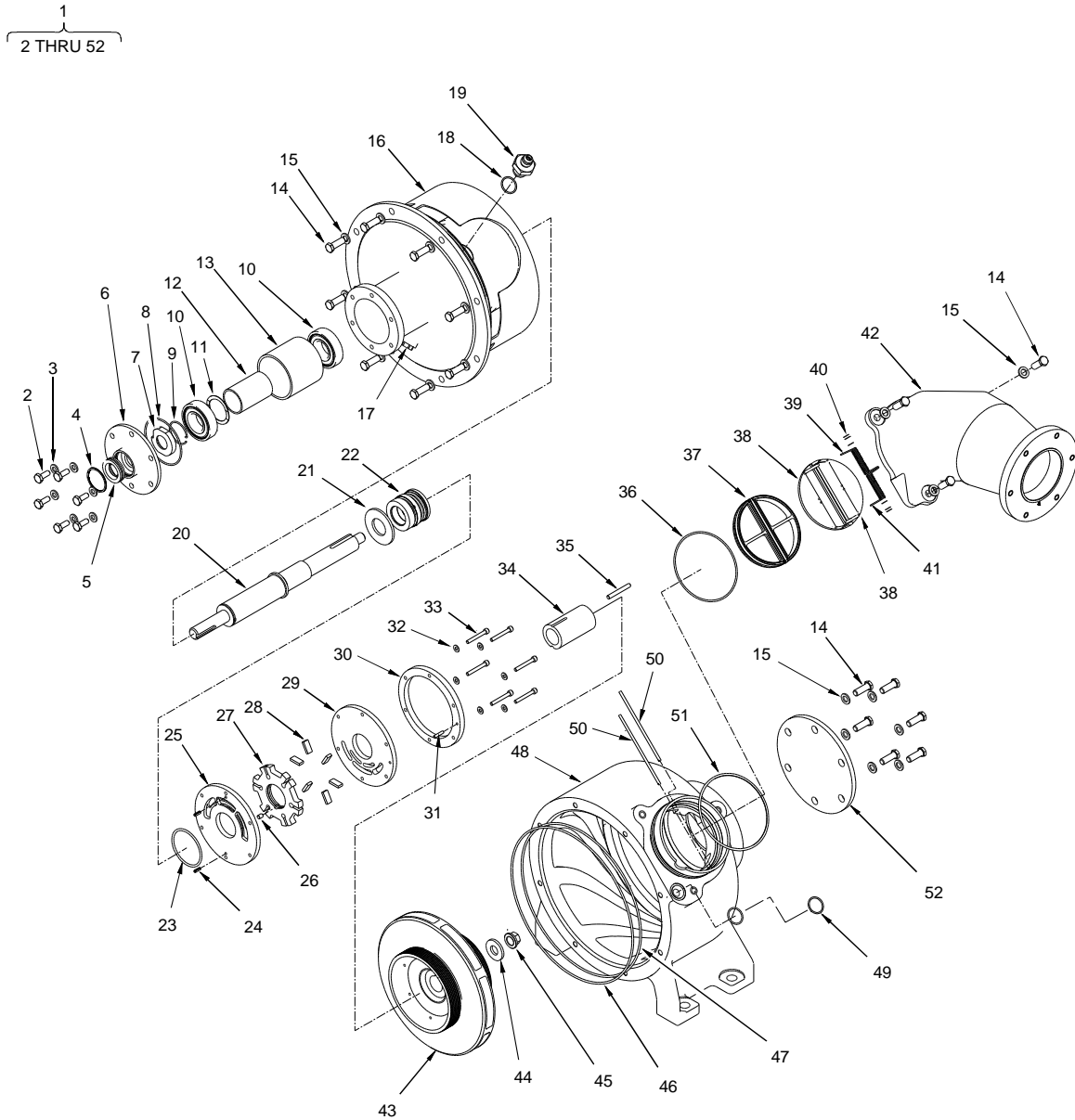


Figure 4. Fuel Transfer Pump PN 60975-5

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 4. FUEL TRANSFER PUMP PN 60975-5						
1	PBFFF	4320-01-515-4257	86090	60975-5	PUMP, FUEL TRANSFER	1
2	PAFZZ	5305-00-688-2020	96906	MS35308-305	. SCREW, HEX HEAD	6
3	PAFZZ	5310-01-352-9593	80205	NAS1149C0463R	. WASHER	6
4	XDFZZ		51814	WH-128S02	. RING, RETAINER.....	1
5	XDFZZ		9G583	51E-003-C08-F1	. SEAL, ROTARY LIP	1
6	XDFZZ		86090	212939	. CAP, SHAFT SEAL	1
7	XDFZZ		86090	213077	. COLLAR, RETAINING	1
8	PAFZZ	5331-00-364-9762	81349	M25988/1-036	. PACKING.....	1
9	XDFZZ		86090	211678	. RETAINER WIRE	1
10	PBFZZ	3110-01-515-4250	86090	80977	. BEARING, SINGLE ROW.....	2
11	XDFZZ		83553	W1543-017-18	. WAVE SPRING	1
12	XDFZZ		86090	212950	. SPACER, BEARING SHAFT	1
13	XDFZZ		86090	212949	. SPACER, BEARING	1
14	PAFZZ	5306-00-638-7719	96906	MS35308-333	. SCREW, HEX HEAD	17
15	PAFZZ	5310-00-167-0803	80205	NAS1149C0563R	. WASHER	17
16	XDFZZ		86090	45430	. HOUSING, BEARING ASSEMBLY.....	1
17	XDFZZ		99017	PD-40	. PLUG	1
18	PAFZZ	5331-00-279-9322	81349	M25988/1-908	. PACKING.....	1
19	XDFZZ		86090	62075	. VALVE, RELIEF 3/8 INCH.....	1
20	XDFZZ		86090	212938	. SHAFT	1
21	PBFZZ	2815-01-515-3503	86090	212940	. SLINGER.....	1
22	PBFZZ	5330-01-515-4276	86090	82832	. FACE SEAL ASSEMBLY.....	1
23	PAFZZ	5331-01-007-1600	81349	M25988/1-134	. PACKING.....	1
24	XDFZZ	5315-00-823-8743	96906	MS16562-219	. PIN, SPRING	2
25	XDFZZ		86090	212943	. PORT PLATE, DISCHARGE	1
26	XDFZZ		86090	212948	. PIN, ROTOR DRIVE	1
27	XDFZZ		86090	212944	. ROTOR.....	1
28	XDFZZ		86090	212945	. VANE	6
29	XDFZZ		86090	212941	. PORT PLATE, INLET	1
30	XDFZZ		86090	212942	. CAM RING.....	1
31	XDFZZ		96906	MS9389-59	. PIN, ALINGMENT	1
32	PAFZZ	5310-01-352-9572	80205	NAS1149CN832R	. WASHER	6
33	XDFZZ	5305-00-116-1539	80205	NAS1352C08-20	. SCREW	6
34	XDFZZ		86090	212946	. SLEEVE, DRIVE.....	1
35	XDFZZ		96906	MS9389-98	. PIN.....	1
36	PAFZZ	5331-00-498-5806	81349	M25988/1-152	. PACKING.....	1
37	XDFZZ		86090	207524	. SEAT, CHECK VALVE	1
38	XDFZZ		86090	23745	. VALVE, FLAPPER.....	2
39	XDFZZ		86090	23739-7	. SPRING, TORSION.....	1
40	XDFZZ		86090	23739-8	. SPRING, TORSION.....	1
41	XDFZZ		86090	23741	. SPACER	6
42	XDFZZ		86090	212936	. OUTLET	1
43	XDFZZ		86090	212947	. IMPELLER	1
44	XDFZZ		86090	20038	. WASHER, IMPELLER	1
45	PAFZZ	5310-00-458-2115	80205	NAS1291C8M	. LOCKNUT.....	1
46	PAFZZ	5331-01-424-0680	81349	M25988/1-172	. O-RING	1
47	PAFZZ	5331-01-281-6513	81349	M25988/1-171	. O-RING	1
48	XDFZZ		86090	45429	. CASE, DIFFUSER	1
49	PAFZZ	5331-00-328-9131	81349	M25988-018	. O-RING	1
50	XDFZZ		86090	23604-3	. PIN, HINGE	2
51	PAFZZ	5331-00-279-9351	81349	M25988-240	. O-RING	1
52	XDFZZ		86090	213076	. COVER	1
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 FUEL TRANSFER PUMP PN 8424
 REPAIR PARTS LIST**

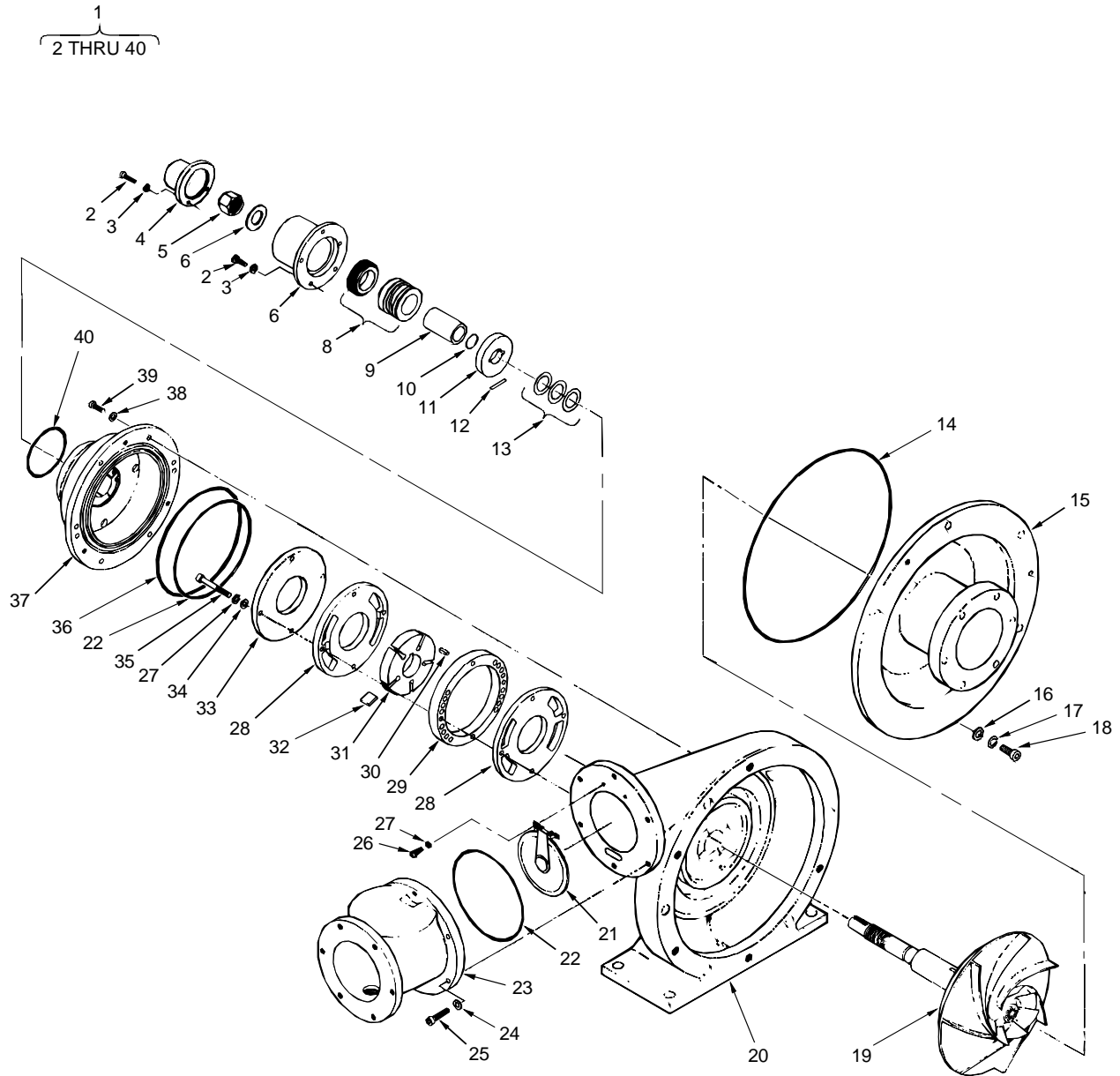


Figure 5. Fuel Transfer Pump PN 8424

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 5. FUEL TRANSFER PUMP PN 8424						
1	XDOFF		61604	8424	PUMP, FUEL TRANSFER.....	1
2	PAFZZ	5305-00-940-9491	96906	MS35275-230	. SCREW, MACHINE.....	9
3	PAFZZ	5310-00-773-7624	80205	NAS620-C6	. WASHER, FLAT.....	9
4	XDFZZ		61604	8424-23	. COVER.....	1
5	PAFZZ	5310-01-460-0064	61604	8423-33	. NUT.....	1
6	PAFZZ	5310-00-167-0809	88044	AN960C1216	. WASHER, FLAT.....	1
7	XDFZZ		61604	8424-30	. SEAL HOUSING.....	1
8	PAFZZ	3040-01-460-3310	61604	8423-32	. SEAL, SHAFT.....	1
9	XDFZZ		61604	8423-16	. SPACER.....	1
10	PCFZZ	5331-00-248-3845	96906	MS29513-016	. O-RING.....	1
11	XDFZZ		61604	8423-09	. WASHER, THRUST.....	1
12	PAFZZ	5315-00-052-6632	96906	MS9105-63	. PIN, STRAIGHT, HEADLE.....	1
13	XDFZZ		61604	8423-54	. SHIM, THRUST WASHER.....	V
14	PCFZZ	5331-00-172-6348	96906	MS29513-175	. O-RING.....	1
15	XDFZZ		61604	8424-22	. INLET.....	1
16	PAFZZ	5310-00-167-0804	0D4J7	D800660	. WASHER, FLAT.....	6
17	XDFZZ		61604	3/8 IN LOCK WASHER	. WASHER, SPLIT.....	6
18	XDFZZ		61604	3/8-24X1.00	. SCREW, SOCKET.....	6
19	XDFZZ		61604	8423-39	. IMPELLER-SHAFT ASSY.....	1
20	XDFZZ		61604	8424-11	. HOUSING ASSY, IMPELLER.....	1
21	XDOZZ		61604	8423-35	. VALVE, DISCHARGE.....	1
22	PCOZZ	5331-00-182-3170	96906	MS29513-157	. O-RING.....	2
23	XBZZ		61604	8424-38	. HOUSING ASSY, DISCHARGE.....	1
24	PAOZZ	5310-00-781-9483	80205	NAS620C10L	. WASHER, FLAT.....	6
25	XDOZZ		61604	10-32X.750 CRES	. SCREW, SOCKET.....	6
26	XDOZZ		61604	8-32X.25 SS	. SCREW, PH.....	2
27	PAOZZ	5310-00-933-8119	96906	MS35338-137	. WASHER, LOCK.....	6
28	XDFZZ		61604	8423-19	. SIDE PLATE.....	2
29	XDFZZ		61604	8423-13	. CAM RING.....	1
30	XDFZZ		61604	8423-31	. KEY, ROTOR.....	1
31	XDFZZ		61604	8423-52	. ROTOR.....	1
32	XDFZZ		61604	8423-25	. VANE.....	5
33	XDFZZ		61604	8423-90	. PLATE, CLAMP.....	1
34	PAFZZ	5310-00-069-5291	80205	NAS620C8	. WASHER, FLAT.....	4
35	PAFZZ	5305-01-463-3490	61604	8-32X1.750 CRES	. SCREW, SOCKET.....	4
36	PCFZZ	5331-00-860-2395	96906	MS29513-160	. O-RING.....	1
37	XDFZZ		61604	8424-12	. HOUSING ASSY, VANE PUMP.....	1
38	PAFZZ	5310-00-764-9564	80205	NAS620C416L	. WASHER, FLAT.....	6
39	PAFZZ	5305-01-463-3492	61604	1/4-28X.625 SS	. SCREW, SOCKET.....	6
40	PCFZZ	5331-00-527-8555	96096	MS29513-141	. O-RING.....	1
END OF FIGURE						

UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
PUMP-ENGINE MODULE SUBFRAME ASSEMBLY
REPAIR PARTS LIST

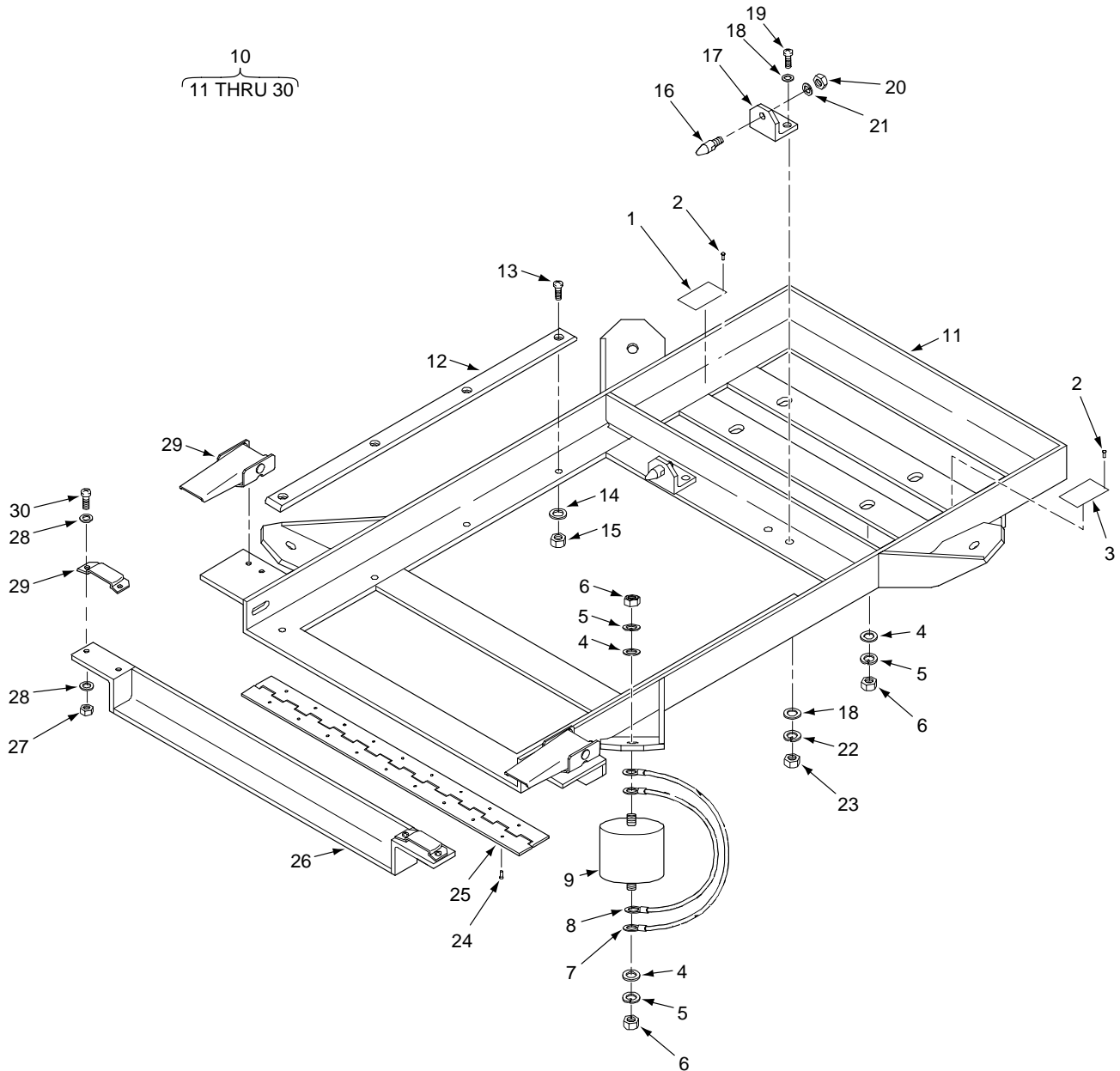


Figure 6. Pump-Engine Module Subframe Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 6. PUMP-ENGINE MODULE SUBFRAME ASSEMBLY						
1	XDOZZ		63631	532162-01	PLATE, LIFTING REQUIREMENTS.....	1
2	PAOZZ	5305-00-253-5618	96906	MS21318-28	SCREW, DRIVE, # 6 X .31 LG.....	8
3	XDOZZ		63631	532161-01	PLATE, IDENTIFICATION	1
4	PAOZZ	5310-01-396-1757	80205	NAS1149C0832R	WASHER, FLAT # 1/2.....	12
5	PAOZZ	5310-00-933-8778	96906	MS35338-143	WASHER, LOCK, NO 1/2	12
6	PAOZZ	5310-00-989-5945	96906	MS35691-35	NUT, JAM, .50-13UNC	12
7	XDOZZ		63631	532190-01-01	STRAP, ISOLATOR.....	4
8	XDOZZ		63631	532152-01-01	JUMPER ASSY, GROUNDING.....	1
9	XDOZZ		63631	532174-01	SHOCK ISOLATOR	4
10	XDOOO		63631	532102-01-01	SUBFRAME ASSY, PUMP/ENGINE.....	1
11	XDOZZ		63631	532112-01-01	. PUMP/ENGINE SUBFRAME ASSY.....	1
12	XDOZZ		63631	532114-01	. GLIDE	2
13	PAOZZ	5305-00-180-0012	88044	AN525-10R10	. MACH SCR, WASHER HD 10-32 X .63 LG IN .	8
14	PAOZZ	5310-01-352-9575	80205	NAS1149C0363R	. FLAT WASHER #10 X .06 IN	8
15	PAOZZ	5310-00-844-3302	96906	MS21043-3	. LOCK NUT #10-32 IN	8
16	XDOZZ		63631	532115-01	. PIN.....	2
17	XDOZZ		63631	532116-01	. BRACKET.....	2
18	PAOZZ	5310-00-167-0803	80205	NAS1149C0563R	. FLAT WASHER .31 X .06 IN	8
19	PAOZZ	5306-00-151-2439	88044	AN5C7	. MACH SCR, HEX HD .312-24 X .97 LG IN	4
20	PAOZZ	5310-00-851-2682	96906	MS35691-17	. NUT 3/8-16 IN	2
21	PAOZZ	5310-00-984-7042	96906	MS35338-141	. LOCK WASHER .38 X .06 IN	2
22	PAOZZ	5310-00-974-6623	96906	MS35338-140	. LOCK WASHER .31 X .06 IN	4
23	PAOZZ	5310-00-881-0944	96906	MS21043-5	. LOCK NUT .312-24 IN	4
24	XDOZZ	5320-00-062-0658	96906	MS20600MP4W5	. RIVET, UNIV HD .125 X .312 GRIP IN.....	20
25	XDOZZ	5340-01-054-1766	96906	MS35825-10A	. HNG, BUTT, CONT .06THK X 19.12 LG IN	1
26	XDOZZ		63631	532113-01-01	. CLAMP, BASE.....	1
27	PAOZZ	5310-00-844-4872	96906	MS21043-4	. LOCK NUT 1/4-28 IN	8
28	PAOZZ	5310-01-352-9593	80205	NAS1149C0463R	. FLAT WASHER .25 X .06 IN	16
29	XDOZZ		63631	532186-01	. LATCH	2
30	PAOZZ	5305-00-059-5432	96906	MS51958-82	. MACH SCR, PAN HD 1/4-28 X .88 LG IN	8
END OF FIGURE						

**UNIT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 PUMP-ENGINE MODULE FRAME
 REPAIR PARTS LIST**

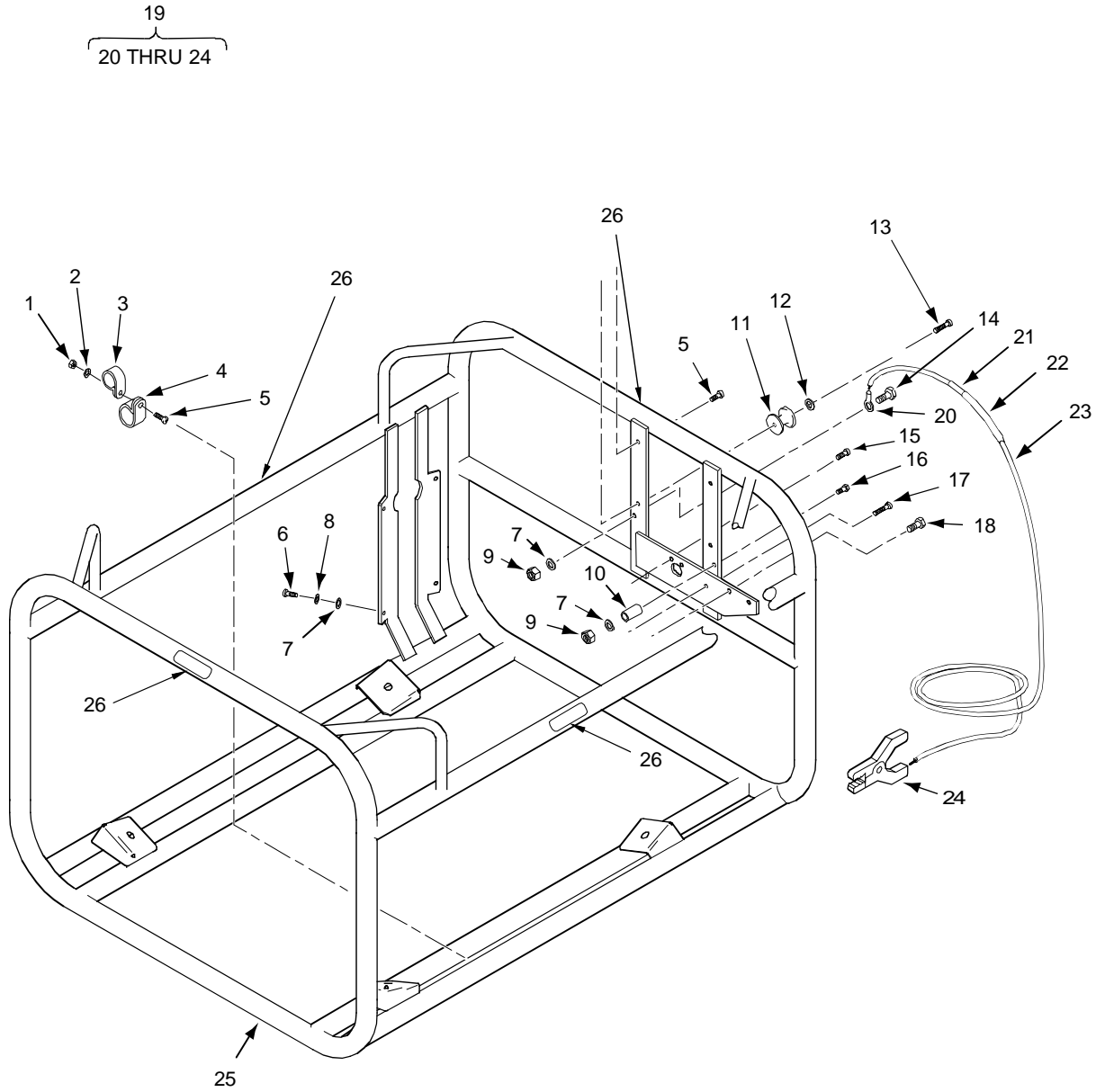


Figure 7. Pump-Engine Module Frame

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 7. PUMP-ENGINE MODULE FRAME						
1	PAOZZ	5310-00-844-3302	90906	MS21043-3	NUT, SLFLKG .190-32.....	3
2	PAOZZ	5310-01-352-2752	80205	NAS1149C0332R	WASHER, FLAT #10.....	3
3	PAOZZ	5340-01-156-5483	96906	MS21919WCJ16	CLAMP, LOOP.....	3
4	PAOZZ	5340-01-156-3868	96906	MS21919WCJ24	CLAMP, LOOP.....	3
5	PAOZZ	5305-00-059-3659	96906	MS51958-63	SCREW, PND .190-32UNF X.50LG	5
6	PAOZZ	5305-00-725-3626	96906	MS35307-304	BOLT, MACHINE .250-20UNCX.56 LG	2
7	PAOZZ	5310-01-352-9592	80205	NAS1149C0432R	WASHER, FLAT # ¼.....	6
8	PAOZZ	5310-00-933-8121	96906	MS35338-139	WASHER, LOCK, NO. ¼	4
9	PAOZZ	5310-00-844-4872	96906	MS21043-4	NUT, SLFLKG .250-28.....	2
10	XDOZZ	5365-01-358-1050	80205	NAS43DD4-28FC	SPACER, .25IDX.375ODX.44 LG.....	1
11	XDOZZ		63631	532110-01	SPOOL, GROUND CABLE	2
12	PAOZZ	5310-00-167-0765	88044	AN970-3	WASHER, FLAT, WOOD, NO 10.....	2
13	PAOZZ	5305-00-059-3666	96906	MS51958-70	SCREW, PND .190-32UNF X 1.75 LG	2
14	PAOZZ	5306-00-150-9873	88044	AN4C4A	BOLT, MACH .250-28UNF X .53LG	1
15	PAOZZ	5306-00-156-2341	88044	AN4C11A	BOLT, MACH .250-28UNF X .656LG	2
16	PAOZZ	5305-00-682-2018	96906	MS35308-307	SCREW, CAP .250-28UNF X .88 LG	1
17	PAOZZ	5305-00-059-3660	96906	MS51958-64	SCREW, PND .190-32UNF X .63 LG	1
18	PAOZZ	5306-00-156-2337	88044	AN4C5A	BOLT, MACHINE .250-28X 1.156 LG.....	2
19	XDOOO		63631	532151-01-01	CABLE ASSY, GROUND.....	1
20	PAOZZ	5940-00-230-0515	96906	MS25036-154	. TERMINAL LUG.....	1
21	XDOZZ	5970-01-356-5560	06090	TMS-SCE1/8-2.0-9	. SLEEVE, MARKER.....	4
22	PAOZZ	5970-01-351-6800	81349	M23053/18-205-C	. SLEEVING, INSULATION.....	V
23	XDOZZ		08716	04DSNC7702-03	. WIRE ROPE, FLEXIBLE	V
24	MOOZZ		63631	532181-01	. CLAMP, GROUNDING	1
25	XDOZZ		63631	532101-01-01	MAKE FROM M83413/7-1 FRAME ASSEMBLY, PUMP/ENGINE.....	1
26	XDOZZ		63631	532163-01	LABEL, NOISE CAUTION.....	4
END OF FIGURE						

UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
PUMP-ENGINE MODULE FUEL SYSTEM
REPAIR PARTS LIST

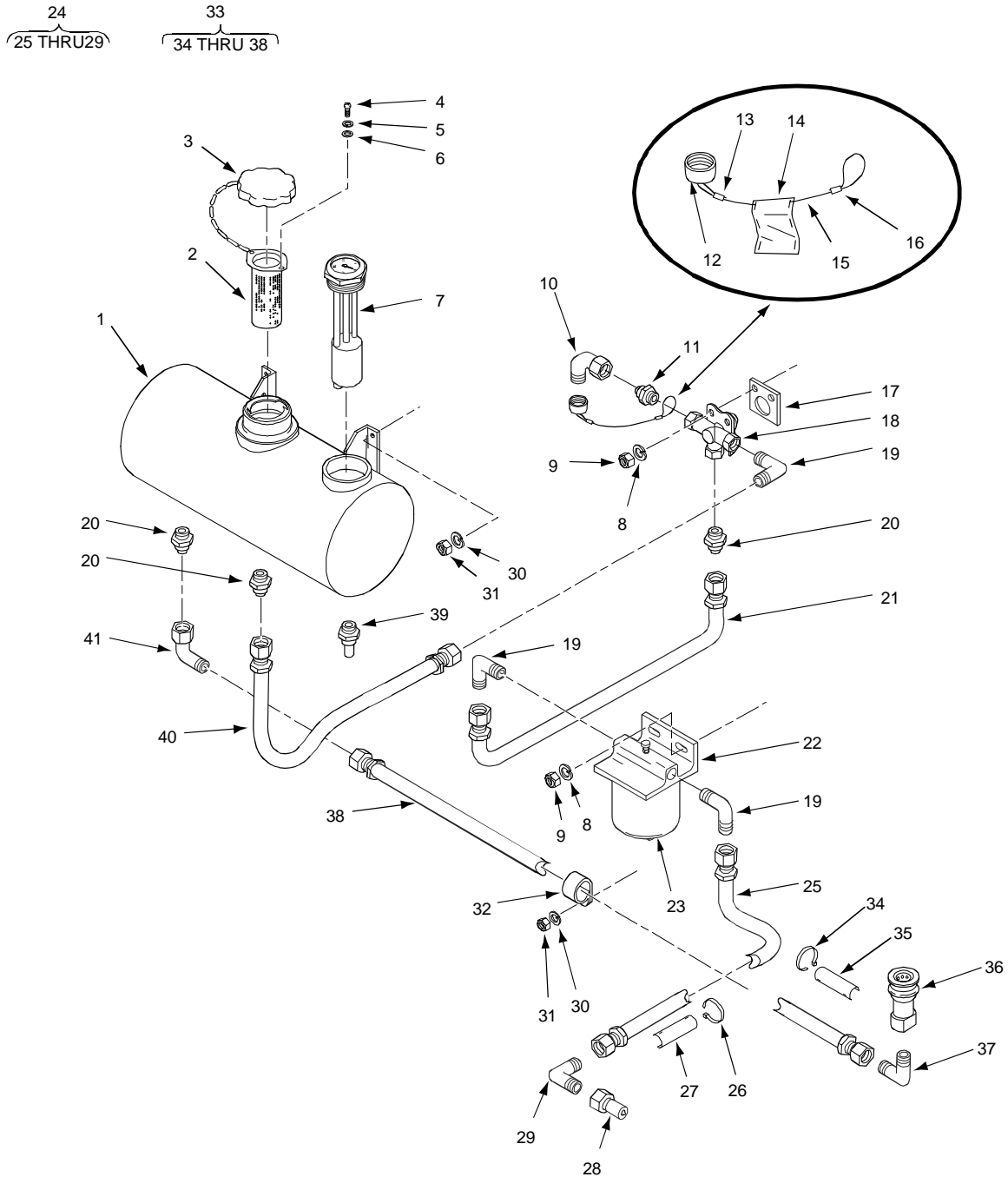


Figure 8. Pump-Engine Module Fuel System

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 8. PUMP-ENGINE MODULE FUEL SYSTEM						
1	XDOZZ		63631	532106-01-01	FUEL TANK.....	1
2	XDOZZ		7R387	5354-3B	STRAINER, FUEL.....	1
3	XDOZZ		7R387	3781-3	FILLER CAP.....	1
4	PAOZZ	5305-00-054-6650	96906	MS51957-26	SCREW, PND .138-32 X .25 LG.....	2
5	PAOZZ	5310-00-929-6395	96906	MS35338-136	WASHER, LOCK, NO. 6.....	2
6	PAOZZ	5310-01-352-9588	80205	NAS1149CN632R	WASHER, FLAT, NO. 6.....	2
7	XDOZZ		63631	8680-40000 L5 1/2	GAUGE, FUEL.....	1
8	PAOZZ	5310-01-352-9592	80205	NAS1149C0432R	WASHER, FLAT # 1/4.....	4
9	PAOZZ	5310-00-844-4872	96906	MS21043-4	NUT, SLFLKG .250-28.....	4
10	PAOZZ	4730-00-241-8349	96906	MS51521B5S	ELBOW, 90 DEGREE SWIVEL, 5/16 TUBE.....	1
11	PAOZZ	4730-00-196-9585	88044	AN816-5-4D	ADAPTER, 1/4NPT-5/16 TUBE.....	1
12	XDOZZ		88044	AN929-L5	CAP, 5/16 TUBE.....	1
13	PAOZZ	9505-00-293-4208	96906	MS20995C32	WIRE, SAFETY, .032, ST STL.....	V
14	XDOZZ		85480	BT-508Y-2075	TAG, MARKING, CABLE.....	1
15	XDOZZ	4010-01-308-5097	81349	M83420/2-002	WR,FLEX,TYPE I, 1/16 DIA,7X7 CRES.....	V
16	XDOZZ	4030-01-124-8201	96906	MS51844-82	SLEEVE.....	2
17	XDOZZ		63631	532107-01	SPACER, VALVE.....	1
18	XDOZZ		79470	6749	VALVE, SELECTOR.....	1
19	XDOZZ	4730-00-186-9963	96906	MS20822-4-4D	ELBOW, 1/4NPT, 1/4 TUBE.....	3
20	PAOZZ	4730-00-187-0087	88044	AN816-4-4D	ADAPTER, 1/4NPT-1/4 TUBE.....	3
21	XDOZZ		63631	532108-01-04	FUEL LINE.....	1
22	PAOOO	2910-01-460-5598	76700	91781F-20	FUEL FILTER ASSEMBLY.....	1
23	PAOZZ	2910-01-515-3465	76700	85470E	. FUEL FILTER.....	1
24	XDOOO		63631	532105-01-01	FUEL LINE ASSY.....	1
25	XDOZZ		63631	532108-02	. HOSE ASSEMBLY, NON-METALLIC.....	1
26	PAOZZ	5975-00-984-6582	96906	MS3367-1-0	. STRAP, TIEDOWN, ELECTRICAL.....	2
27	XDOZZ		85480	BT-508Y-2075	. TAG, MARKING CABLE.....	1
28	XDOZZ		63631	532759-01	. COUPLING HALF, MALE.....	1
29	XDOZZ	4730-00-186-9963	96906	MS20822-4-4D	. ELBOW, 1/4NPT, 1/4 TUBE.....	1
30	PAOZZ	5310-01-352-2752	80205	NAS1149C0332R	WASHER, FLAT #10.....	5
31	PAOZA	5310-00-844-3302	90906	MS21043-3	NUT, SLFLKG .190-32.....	5
32	XDOZZ	5340-01-160-0398	96906	MS21919WCJ8	CLAMP, LOOP.....	1
33	PAOOO		63631	532105-01-02	FUEL LINE ASSY.....	1
34	PAOZZ	5975-00-984-6582	96906	MS3367-1-0	. STRAP, TIEDOWN, ELECTRICAL.....	2
35	XDOZZ		85480	BT-508Y-2075	. TAG, MARKING CABLE.....	1
36	XDOZZ		63631	532760-01	. COUPLING HALF, FEMALE.....	1
37	XDOZZ	4730-00-186-9963	96906	MS20822-4-4D	. ELBOW, 1/4NPT, 1/4 TUBE.....	1
38	XDOZZ		63631	532108-02	. HOSE ASSEMBLY, NON-METALLIC.....	1
39	XDOZZ		63631	532175-01	VALVE, DRAIN.....	1
40	XDOZZ		63631	532108-01-03	FUEL LINE.....	1
41	XDOZZ	4730-00-719-2787	96906	MS51521B4S	ELBOW, 90 DEGREE SWIVEL, 1/4 TUBE.....	1
END OF FIGURE						

**UNIT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 PUMP-ENGINE MODULE EXHAUST SYSTEM
 REPAIR PARTS LIST**

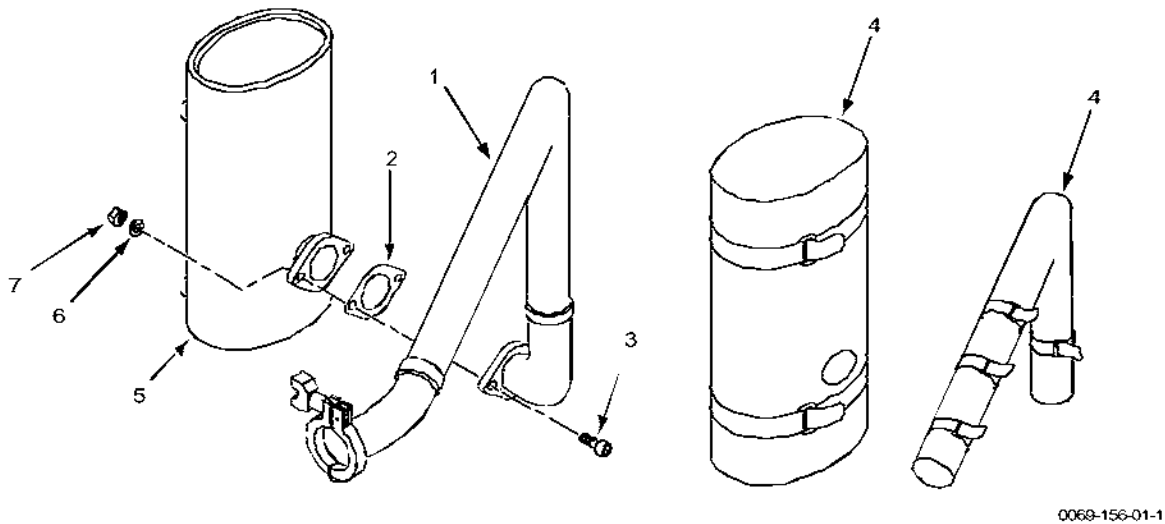


Figure 9. Pump Engine Module Exhaust System

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 9. PUMP ENGINE MODULE EXHAUST SYSTEM						
1	XDOZZ		63631	532172-01-01	HOSE, FLEX	1
2	XDOZZ	5330-01-313-7900	62445	7744814	. GASKET	1
3	PAOZZ	5305-00-225-9451	96906	MS16996-31	SCREW, SOCKET HD CAP, 0.313-24 UNF X 1.0 LG	2
4	XDOZZ		63631	515009-01	THERMAL BLANKET	1
5	PAOOO	2990-01-460-4602	63631	532177-01-01	MUFFLER.....	1
6	PAOZZ	5210-00-167-0814	80205	NAS1149C0532R	WASHER, FLAT # 5/16	2
7	PAOZZ	5310-00-881-0944	96906	MS21043-5	NUT, SLFLKG .313-24UNF.....	2
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 UNISEX COUPLING, 3-INCH FLANGE MOUNT
 REPAIR PARTS LIST**

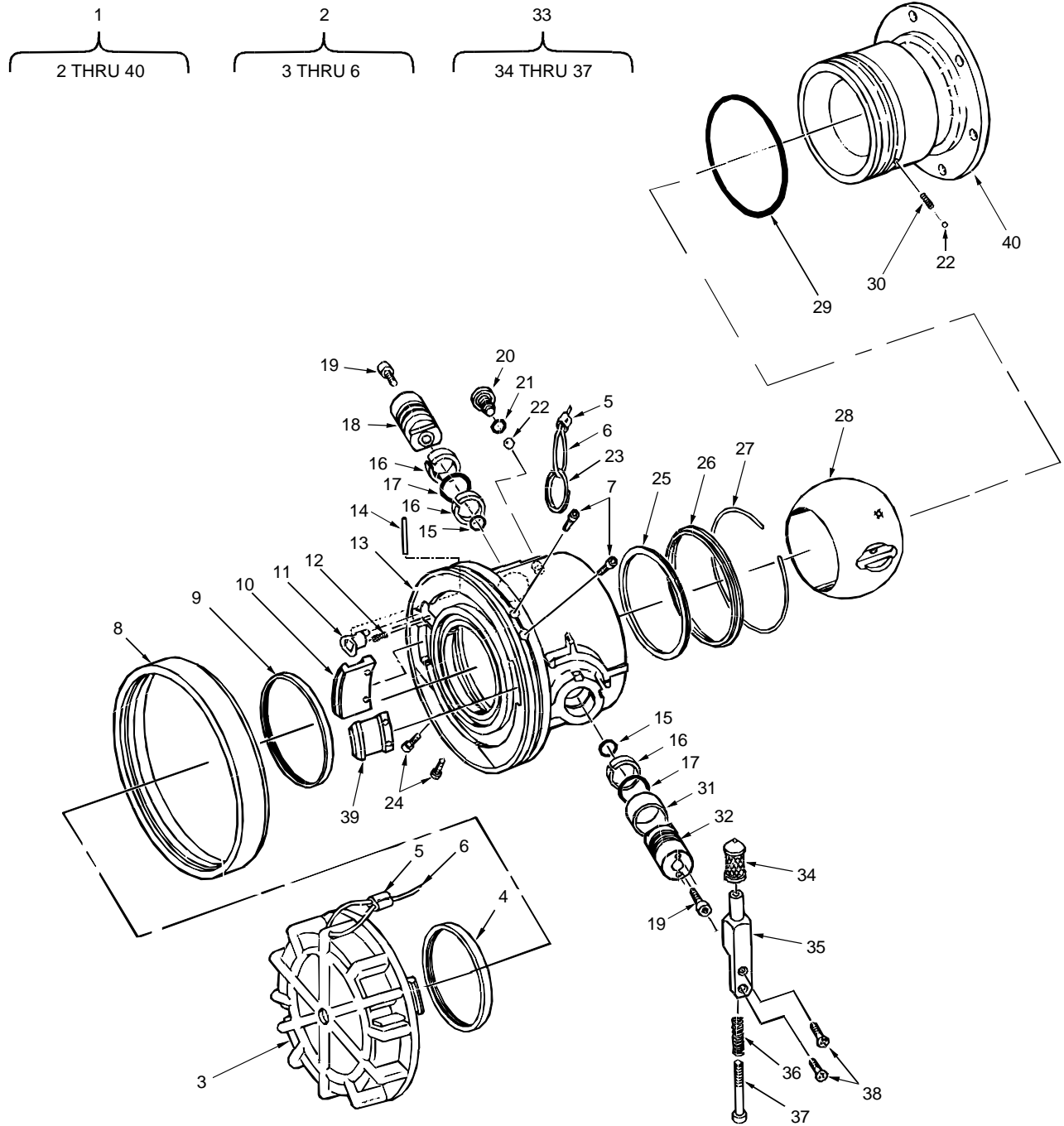


Figure 10. Unisex Coupling, 3 Inch Flange Mount

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 01 PUMP-ENGINE MODULE						
FIGURE 10. UNISEX COUPLING, 3-INCH FLANGE MOUNT						
1	PAOFF	4730-01-515-3468	ODT23	64031TZ	COUPLING, UNISEX, 3", FLANGE MOUNT	1
2	PAOOO		ODT23	470121-1	. CAP ASSY, TAN	1
3	XDOZZ		ODT23	220469-1	. . CAP, TAN	1
4	PAOZZ	5330-01-460-8998	ODT23	220467	. . SEAL, 3", UNISEX	1
5	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE	2
6	PAOZZ	4010-01-461-0033	ODT23	220201-1-20	. . ROPE, WIRE	1
7	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAPC SOCKET HE	2
8	XDOZZ	2910-01-456-2274	ODT23	220468	. CAP, BUMPER	1
9	PAOZZ	5330-01-460-8998	ODT23	220467	. SEAL, 3", UNISEX	1
10	XDOZZ	5340-01-458-5522	ODT23	220800-1	. CLAMP, SYNCHRO	1
11	PAFZZ	5315-01-457-0306	ODT23	220457	. PIN, QUICK RELEASE	1
12	XDFZZ		ODT23	LC030D-8	. SPRING, HELICAL	1
13	XAFZZ		ODT23	220429-1	. HOUSING, TAN	1
14	PAFZZ	5315-01-457-0305	ODT23	0.094X1.000LDP	. PIN, SPRING	1
15	PCFZZ	5331-00-248-3834	96906	MS29513-009	. O-RING	2
16	XDFZZ		ODT23	220464	. BUSHING, SLEEVE	3
17	PCFZZ	5331-00-248-3845	96906	MS29513-016	. O-RING	2
18	XDFZZ		ODT23	220432	. CONTROL, SHAFT ASSEM	1
19	PAFZZ	5305-01-210-1648	96906	MS16997-32L	. SCREW, CAP, SOCKET HE	2
20	PAOZZ	5305-01-459-4210	ODT23	220484	. SCREW, CAP	1
21	PCOZZ	5331-00-263-8011	96906	MS29512-03	. O-RING	1
22	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL	42
23	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
24	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
25	XDFZZ	5330-01-458-5461	ODT23	220465	. SEAL, PLAIN	1
26	XDFZZ	5330-01-456-8757	ODT23	220459	. RETAINER, SEAL	1
27	XDFZZ	5325-01-457-3807	ODT23	220470	. WIRE, SEAL	1
28	XDFZZ		ODT23	220449	. BALL, VALVED PORTED	1
29	PCOZZ	5331-00-251-9367	96906	MS29513-234	. O-RING	1
30	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING	1
31	PAFZZ	3120-01-456-3926	ODT23	220466	. BEARING SLEEVE	1
32	XDFZZ		ODT23	220430	. SHAFT, UPPER	1
33	PAFFF	5340-01-456-1334	ODT23	47119	. HANDLE, MANUAL CONTR	1
34	XDFZZ		ODT23	220142	. . GRIP	1
35	XDFZZ	5340-01-459-2151	ODT23	220435	. . HANDLE, LEVER CONTRO	1
36	XDFZZ		ODT23	220145	. . SPRING	1
37	XDFZZ		ODT23	220204	. . SCREW	1
38	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE	2
39	XDOZZ	5340-01-458-5534	ODT23	220800-2	. CLAMP, SYNCHRO	1
40	XAOZZ		ODT23	220503-2	. INLET, FLANGE	1

END OF FIGURE

**UNIT AND DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 LIQUID FUEL FILTER SEPARATOR
 REPAIR PARTS LIST**

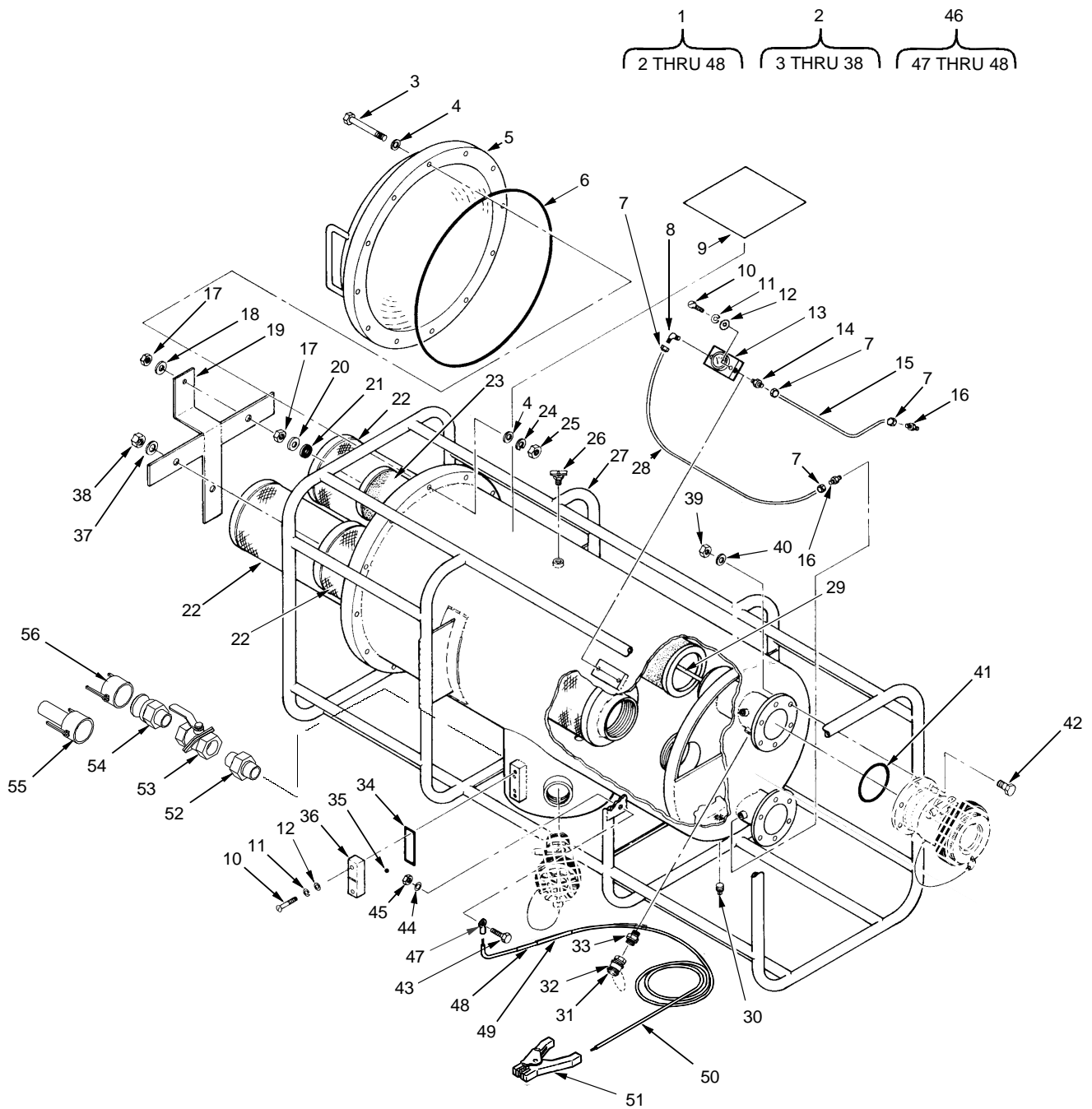


Figure 11. Liquid Fuel Filter Separator

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 02 FILTER SEPARATOR, LIQUID FUEL						
FIGURE 11. LIQUID FUEL FILTER-SEPARATOR						
1	PDOOO	4930-01-517-1775	63631	532300-01-01	FILTER, UNIT PURIFIC.....	1
2	XDOOO		51744	872FS-Z10	. FILTRATION MODULE	1
3	XDOZZ	5306-01-461-1106	51744	8LHX0375-16X0375 0GR5S	.. BOLT, MACHINE 0.375-16UNC X 3.75 LG, GRADE 5	12
4	PAOZZ	5310-01-459-3696	51744	WAF0375S	.. WASHER, FLAT 0.375 NOM ID X 1.00 OD	24
5	XDOZZ		51744	872FS-F002	.. COVER, WELDMENT	1
6	PCOZZ	5331-01-458-5559	51744	000U-Z015-14	.. O-RING 0.312 THK X 15.75 ID, CL 1, GR 70.....	1
7	XDOZZ	4730-00-639-9869	88044	AN817-5D	.. NUT, TUBE COUPLING 5/16 TUBE	4
8	PAOZZ	4730-00-278-3678	96906	MS20822-5D	.. ELBOW, PIPE TO TUBE 1/8 NPT X 5/16 FLARED TUBE	1
9	XDOZZ		51744	000U-Z048(C)	.. LABEL, IDENTIFICATION	1
10	XDOZZ		51744	SCPH0250- 20X01500S	.. SCREW MACHINE 1/4 - 20 UNC 1.50 LG	4
11	PAOZZ	5310-01-458-9990	51744	WAL0250S	.. WASHER, LOCK 0.25 NOM ID	4
12	PAOZZ	5310-01-459-1150	51744	WAF0250S	.. WASHER, FLAT 0.25 NOM ID	4
13	PAOZZ	6685-01-460-9884	51744	30839-1201PG-2-2A	.. GAGE, DIFFERENTIAL, D	1
14	PAOZZ	4730-00-187-0088	88044	AN816-5D	.. ADAPTER, STRAIGHT, PI 1/8 NPT X 5/16 FLARED TUBE	1
15	MOOZZ		51744	872FS-Z001-21	.. TUBE MAKE FROM RD AL TUBE, P/N WW-T- 700/4 (5/16 OD X 0.035 WALL) APPROX 32 IN LONG.....	V
16	PAOZZ	4730-00-196-9585	88044	AN816-5-4D	.. ADAPTER, STRAIGHT, PI 1/4 NPT X 5/16 FLARED TUBE	2
17	PAOZZ	5310-01-460-3127	51744	NUT0375-16SS	.. NUT PLAIN, HEXAGON 0.375-16 UNC SS	2
18	PAOZZ	5310-01-458-9993	51744	WAL0375SS	.. WASHER, LOCK 3/8 NOM ID SS	1
19	PAOZZ	5340-01-460-5537	51744	872FS-F003A	.. BRACKET, ANGLE CANISTER AND ELEMENT..	1
20	PAOZZ	5310-01-459-1241	51744	WAF0375SS	.. WASHER, FLAT 0.375 NOM ID SS	1
21	PCOZZ	5310-01-459-3769	51744	000U-Z001-2	.. WASHER, SEAL 0.375 ID X 1.00 OD X 0.06 THK	1
22	PAOZZ	4330-01-362-2178	13573	I63387TB	.. ELEMENT	3
23	PAOZZ	4930-01-238-0258	13573	SO-436V	.. FILTER ELEMENT, FLUI.....	1
24	PAOZZ	5310-01-458-4377	51744	WAL0375S	.. WASHER, LOCK 0.375 NOM ID	12
25	PAOZZ	5310-01-515-4058	51744	NUT0375-16S-1	.. NUT, HEX, .375-16UNC, ASTM 1 GRADE 2	12
26	PAOZZ	4820-00-407-2581	97403	13216E2798	.. VALVE, SAFETY RELIEF 1/4 NPT	1
27	XAOZZ		51744	872FS-F001(C)	.. VESSEL, WELDMENT	1
28	MOOZZ		51744	872FS-Z001-22	.. TUBE MAKE FROM ALUMINUM TUBING P/N WW-T-700/4 (5/16 OD X .035 WALL) APPROX 18 IN LONG	V
29	PAOZZ	5306-01-459-0256	51744	872FS-F004	.. ROD, THREADED END	1
30	XDOZZ		51744	1/2SP-SS	.. PLUG, PIPE 1/2 NPT SS	1
31	XDOZZ	4730-00-110-3722	78357	AMPE4	.. DUST CAP.....	1
32	PAOZZ	4730-01-460-6420	78357	AVEAC-4-4F	.. COUPLER HALF, QUICK.....	1
33	PAOZZ	4730-01-459-1125	51744	000U-Z045	.. NIPPLE, PIPE PROBE, 1/4 NPT	1
34	PAOZZ	5330-00-235-4716	97403	13217E5363	.. GASKET	1
35	PAOZZ	6680-00-197-4942	97403	13217E5362	.. FLOAT, SIGHT INDICAT	1
36	PAOZZ	6680-01-030-4391	97403	13217E5361	.. INDICATOR, SIGHT, LIQ	1
37	PAOZZ	5310-01-459-1147	51744	WAL0500SS	.. WASHER, LOCK	3
38	PAOZZ	5310-01-459-0772	51744	NUT0500-14SS	.. NUT, PLAIN HEXAGON	3
39	PAOZZ	5310-00-881-0944	96906	MS21043-5	.. NUT, SELF-LOCKING, EX 0.313-25 UNF.....	12
40	PAOZZ	5310-00-167-0814	80205	NAS1149C0532R	.. WASHER, FLAT	12
41	PCOZZ	5331-00-251-9367	96906	MS29513-234	.. O-RING	2
42	PAOZZ	5306-00-182-1952	88044	AN5CH11A	.. BOLT, MACHINE 0.313-25 UNF X 1.219 LG	12
43	PAOZZ	5306-00-156-2337	88044	AN4C5A	.. BOLT, MACHINE 1/4-28 X 0.66 LG	1
44	PAOZZ	5310-01-352-9593	80205	NAS1149C0463R	.. WASHER, FLAT 1/4 ID.....	1
45	PAOZZ	5310-00-844-4872	96906	MS21043-4	.. NUT, SELF-LOCKING, EX	1
46	PAOZZ		63631	532151-01-01	.. CABLE ASSEMBLY, GROUND.....	1
47	PAOZZ	5940-00-230-0515	96906	MS25036-154	.. TERMINAL LUG	1
48	XDOZZ	5790-01-356-5560	06090	TMS-SCE1/8-2.0-9	.. SLEEVE, MARKER	4
49	PAOZZ	5970-01-351-6800	81349	M23053/18-205-C	.. SLEEVING, INSULATION	V
50	XDOZZ		08716	04DSNC7702-03	.. WIRE ROPE, FLEXIBLE	V
51	MOOZZ		63631	532181-01	.. CLAMP, GROUNDING MAKE FROM M834137-1.....	1
52	XDOZZ		3A054	44665K171	.. NIPPLE, 1/2"	1
53	XDOZZ		3A054	3774K12	.. VALVE, BALL, 1/2"	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
54	XDOZZ		3A054	51415K408	. FITTING, CAMLOCK, 1/2" MALE	1
55	XDOZZ		3A054	5534K39	. HOSE, DRAIN.....	1
56	XDOZZ		3A054	51415K808	. CAP, CAMLOCK, 1/2".....	1
END OF FIGURE						

**UNIT AND DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 UNISEX COUPLING, 3 INCH, FLANGE MOUNT
 REPAIR PARTS LIST**

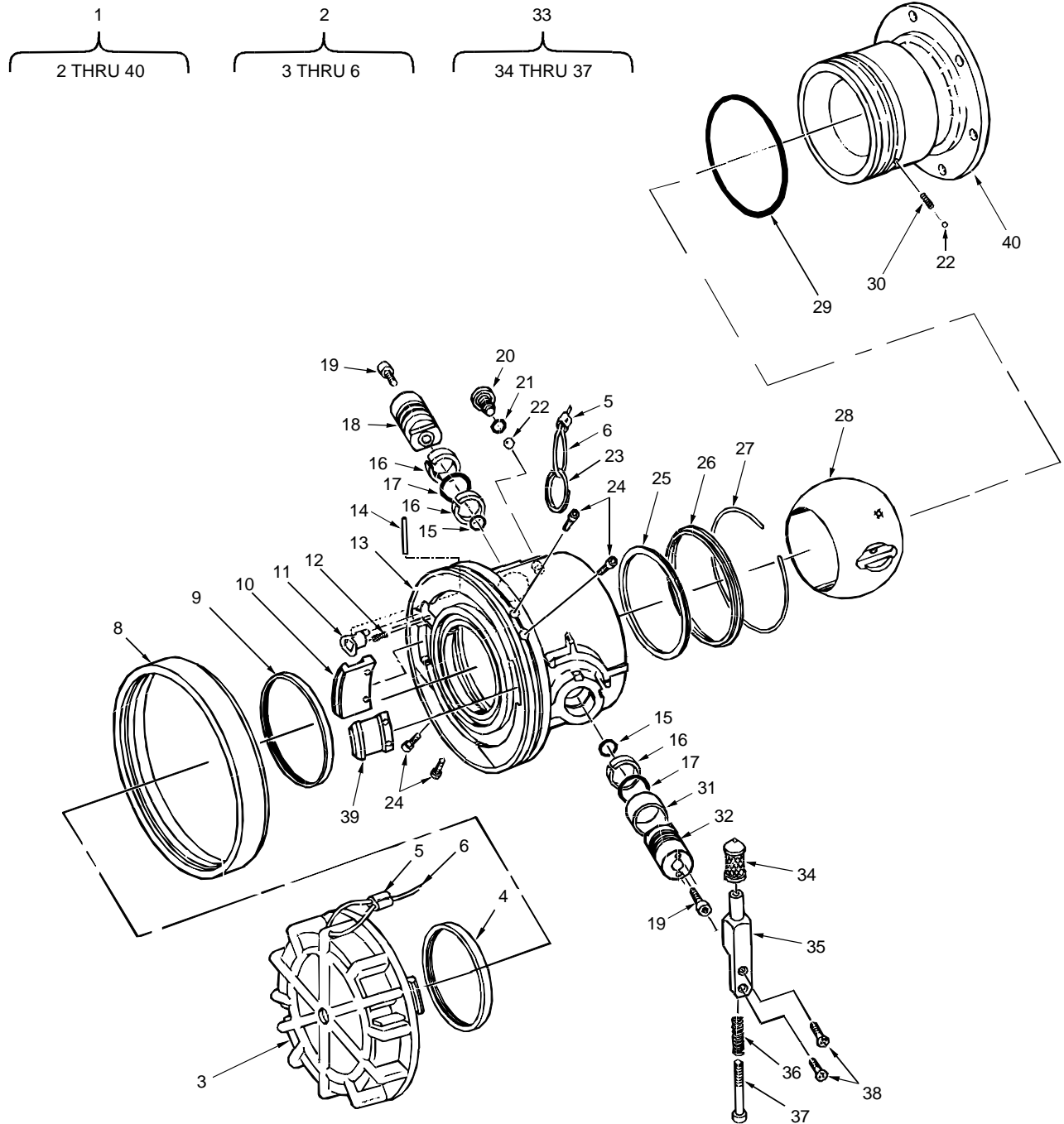


Figure 12. Unisex Coupling, 3 Inch, Flange Mount

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 02 FILTER SEPARATOR						
FIGURE 12. UNISEX COUPLING, 3 INCH, FLANGE MOUNT						
1	PAOFF		ODT23	64031TZ	COUPLING, UNISEX, 3"	1
2	PAOOO		ODT23	470121-1	. CAP ASSY, TAN.....	1
3	XDOZZ		ODT23	220469-1	. . CAP, TAN.....	1
4	PAOZZ	5330-01-460-8998	ODT23	220467	. . SEAL, 3", UNISEX	1
5	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
6	PAOZZ	4010-01-461-0033	ODT23	220201-1-20	. . ROPE, WIRE	1
7	XAOZZ		ODT23	220446-2	. . CLAMP, SYNCHRO	1
8	XDOZZ	2910-01-456-2274	ODT23	220468	. CAP, BUMPER	1
9	PAOZZ	5330-01-460-8998	ODT23	220467	. SEAL, 3", UNISEX	1
10	XDOZZ	5340-01-458-5522	ODT23	220800-1	. CLAMP, SYNCHRO	1
11	PAFZZ	5315-01-457-0306	ODT23	220457	. PIN, QUICK RELEASE.....	1
12	XDFZZ		ODT23	LC030D-8	. SPRING, HELICAL.....	1
13	XAFZZ		ODT23	220429-1	. HOUSING, TAN.....	1
14	PAFZZ	5315-01-457-0305	ODT23	0.094X1.000LDP	. PIN, SPRING.....	1
15	PCFZZ	5331-00-248-3834	96906	MS29513-009	. O-RING.....	2
16	XDFZZ		ODT23	220464	. BUSHING, SLEEVE	3
17	PCFZZ	5331-00-248-3845	96906	MS29513-016	. O-RING.....	2
18	XDFZZ		ODT23	220432	. CONTROL, SHAFT ASSEM.....	1
19	PAFZZ	5305-01-210-1648	96906	MS16997-32L	. SCREW, CAP, SOCKET HE	2
20	PAOZZ	5305-01-459-4210	ODT23	220484	. SCREW, CAP.....	1
21	PCOZZ	5331-00-263-8011	96906	MS29512-03	. O-RING.....	1
22	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL.....	42
23	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
24	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
25	XDFZZ	5330-01-458-5461	ODT23	220465	. SEAL, PLAIN	1
26	XDFZZ	5330-01-456-8757	ODT23	220459	. RETAINER, SEAL.....	1
27	XDFZZ	5325-01-457-3807	ODT23	220470	. WIRE, SEAL.....	1
28	XDFZZ		ODT23	220449	. BALL, VALVED PORTED.....	1
29	PCOZZ	5331-00-251-9367	96906	MS29513-234	. O-RING.....	1
30	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	1
31	PAFZZ	3120-01-456-3926	ODT23	220466	. BEARING SLEEVE.....	1
32	XDFZZ		ODT23	220430	. SHAFT, UPPER	1
33	PAFFF	5340-01-456-1334	ODT23	47119	. HANDLE, MANUAL CONTR	1
34	XDFZZ		ODT23	220142	. . GRIP.....	1
35	XDFZZ	5340-01-459-2151	ODT23	220435	. . HANDLE, LEVER CONTRO	1
36	XDFZZ		ODT23	220145	. . SPRING.....	1
37	XDFZZ		ODT23	220204	. . SCREW	1
38	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
39	XDOZZ	5340-01-458-5534	ODT23	220800-2	. CLAMP, SYNCHRO	1
40	XDOZZ		ODT23	220503-2	. INLET, FLANGE.....	1
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
UNISEX COUPLING, 2-INCH, MNPT
REPAIR PARTS LIST**

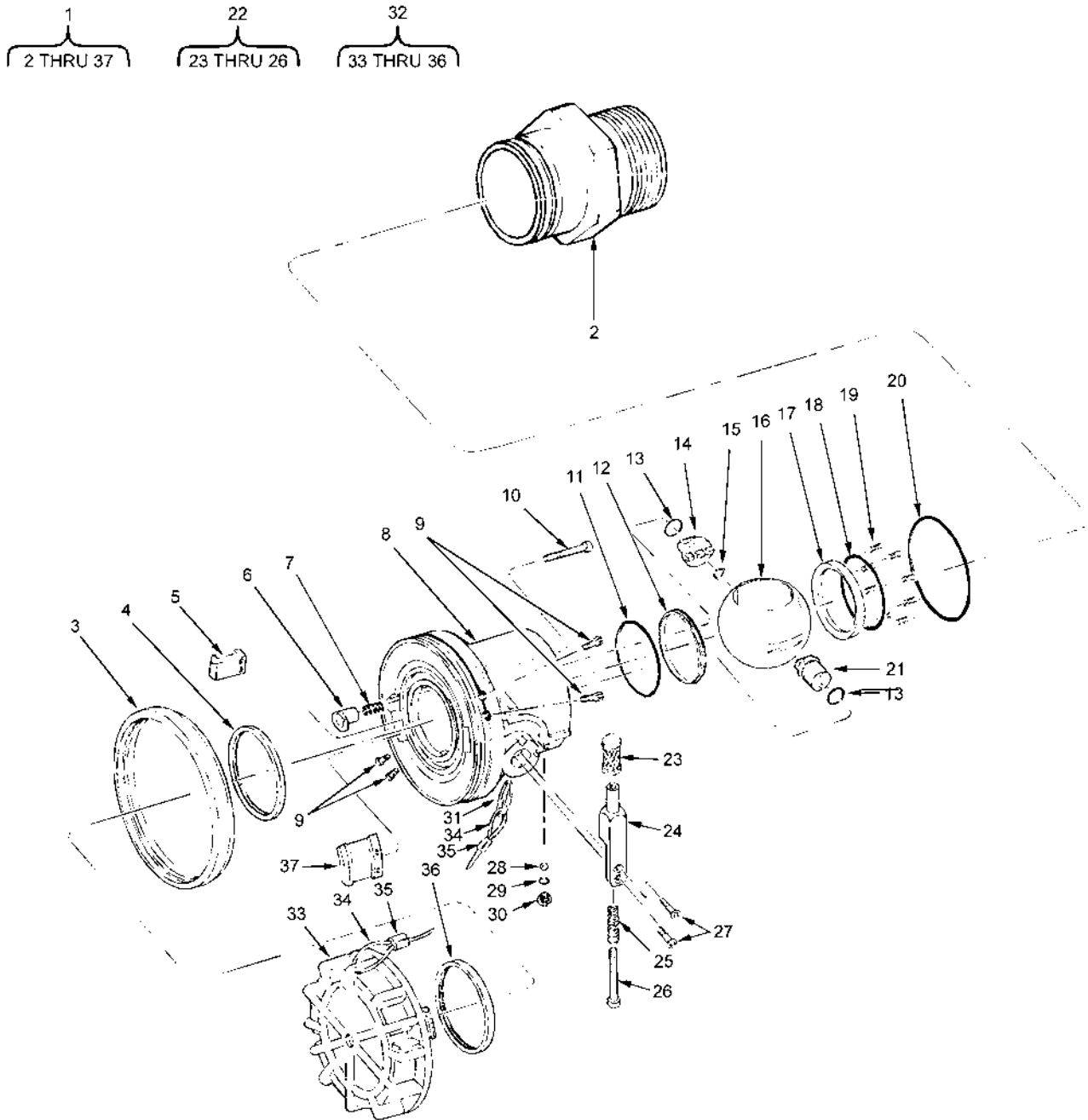


Figure 13. Unisex Coupling, 2-Inch, MNPT

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 04 LIQUID FUEL FILTER SEPARATOR						
FIGURE 13. UNISEX COUPLING, 2-INCH, MNPT						
1	PAOFF	4730-01-289-3572	ODT23	64020J	COUPLING, UNISEX, VALVED 2-INCH MNPT	1
2	XDOZZ	4730-01-456-3895	ODT23	220132-1	. INLET, 2", MNPT, TAN.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
33	XDOZZ		ODT23	220162	. CAP, BUMPER.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 13-4
					O-RING	(1) 13-11
					SEAL, PLAIN	(1) 13-12
					O-RING	(2) 13-13
					SEAL, PLAIN	(1) 13-17
					O-RING	(1) 13-18
					O-RING	(1) 13-20
					O-RING	(1) 13-29
END OF FIGURE						

**UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
ACCESSORY MODULE
REPAIR PARTS LIST**

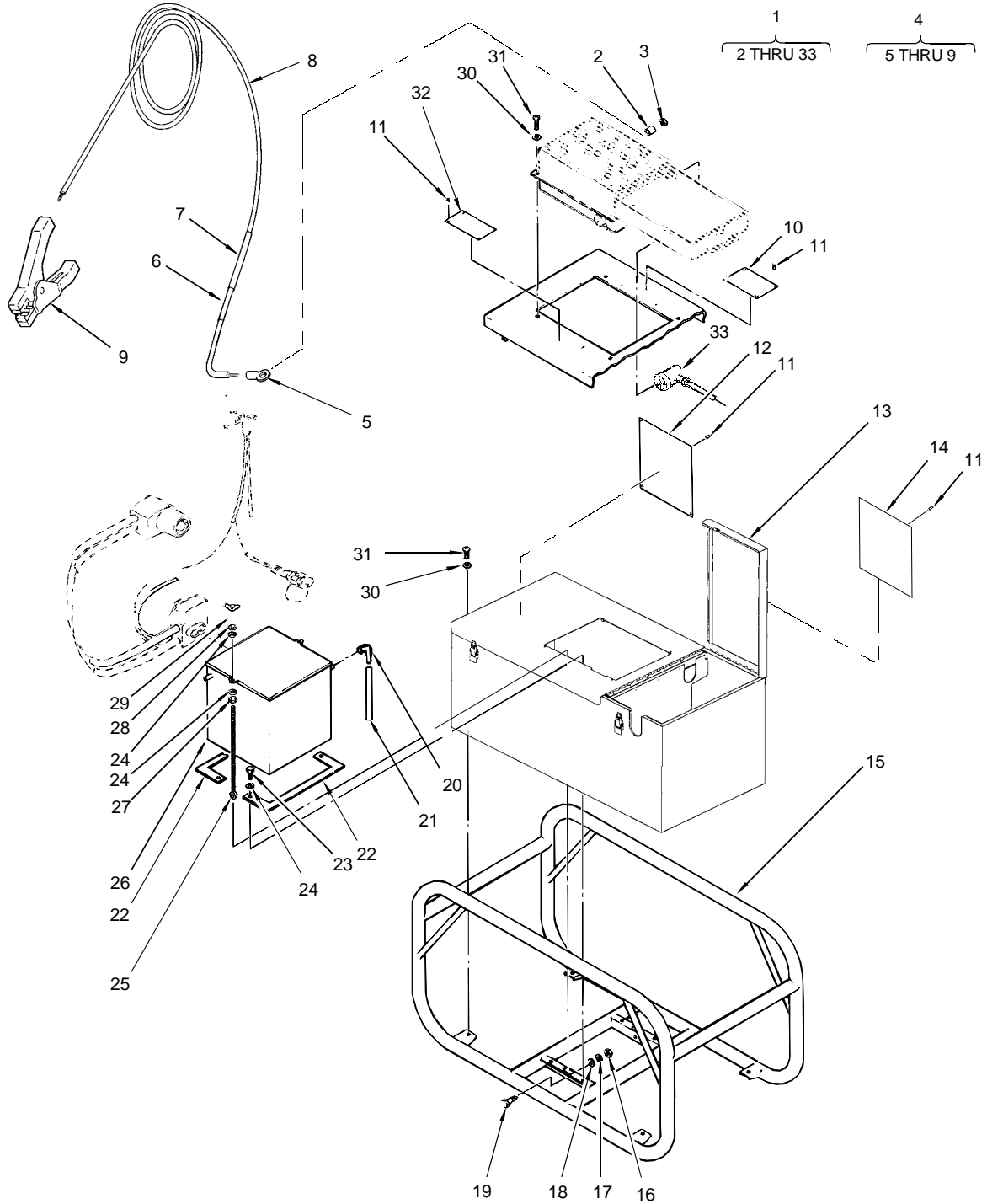


Figure 14. Accessory Module

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 03 ACCESSORY MODULE	
					FIGURE 14. ACCESSORY MODULE	
2	XDOZZ	5365-01-358-1050	80205	NAS43DD4-28FC	. SPACER, .25 ID X .375 OD X .44L IN.....	1
3	PAOZZ	5310-00-844-4872	96906	MS21043-4	. NUT, SLFLKG, 1/4-28 IN.....	1
4	XDOOO		63631	532151-01-01	. CABLE ASSEMBLY, GROUNDING.....	1
5	PAOZZ	5940-00-023-0515	96906	MS25036-154	. . TERMINAL LUG.....	1
6	XDOZZ	5970-01-356-5560	06090	TMS-SCE1/8-2.0-9	. . SLEEVE, MARKER.....	4
7	PAOZZ	5970-01-351-6800	81349	M23053/18-205-C	. . SLEEVING, INSULATION.....	V
8	XDOZZ		08716	04DSNC7702-03	. . WIRE ROPE, FLEXIBLE.....	V
9	MOOZZ		63631	532181-01	. . CLAMP, GROUNDING MAKE FROM M83413/7-1.....	1
10	XDOZZ		63631	532261-01	. PLATE, IDENTIFICATION.....	1
11	XDOZZ	5320-01-163-0178	11815	CR3523-4-2	. RIVET, DIA .125 IN.....	20
12	XDOZZ		63631	532262-01	. PLATE, BATTERY CONNECTION.....	1
13	XDOZZ		63631	532202-01-01	. CHEST, STOWAGE.....	1
14	XDOZZ		63631	532264-01	. PLATE,DEFUELING INSTRUCTIONS.....	1
15	XDOZZ		63631	532201-01-01	. FRAME ASSEMBLY.....	1
16	PAOZZ	5310-00-477-6768	96906	MS35649-2384	. NUT, HEX 3/8-16 IN.....	2
17	PAOZZ	5310-01-984-7042	96906	MS35338-141	. WASHER, LOCK 3/8 IN.....	2
18	XDOZZ	5310-01-393-0861	80205	NAS1149C0616R	. WASHER, FLAT 3/8 IN.....	2
19	XDOZZ		3A054	90298A705	. BOLT, SHOULDER.....	2
20	XDOZZ	5970-01-212-9556	84375	3621	. ADAPTER, HOSE.....	1
21	PAOZZ	4720-00-540-1368	00624	303-10	. HOSE, DRAIN, 7 IN LONG.....	1
22	XDOZZ		63631	532203-01	. RETAINER, BATTERY.....	2
23	PAOZZ	5305-00-590-7863	96906	MS35308-308	. SCREW, CAP, 1/4-28 IN, 1.00IN L.....	4
24	PAOZZ	5310-00-880-5977	96906	MS15795-811	. WASHER, FLAT, 1/4 IN.....	8
25	XDOZZ		63631	532206-01	. EYE BOLT.....	2
26	XDOZZ	6140-01-266-1633	81349	D8565/5-1	. BATTERY.....	1
27	PAOZZ	5310-00-929-1807	96906	MS51922-2	. NUT, SLFLKG, 1/4-20 IN.....	2
28	PAOZZ	5310-00-933-8121	96906	MS35338-139	. WASHER, LOCK, 1/4 IN.....	2
29	PAOZZ	5310-00-080-8495	96906	MS35425-39	. NUT, WING, 1/4-20 IN.....	2
30	PAOZZ	5310-00-225-5328	96906	MS15795-841	. WASHER, FLAT NO 10.....	8
31	PAOZZ	5305-00-059-3659	96906	MS51958-63	. SCREW, NO 10, .50 IN L.....	8
32	XDOZZ		63631	532263-01	. PLATE, LIFTING REQUIREMENTS.....	1
33	XDOZZ		63631	532251-01-01	. CABLE ASSEMBLY, CONTROL (W201).....	1
END OF FIGURE						

UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
CABLE ASSEMBLY, BATTERY POWER (W202)
REPAIR PARTS LIST

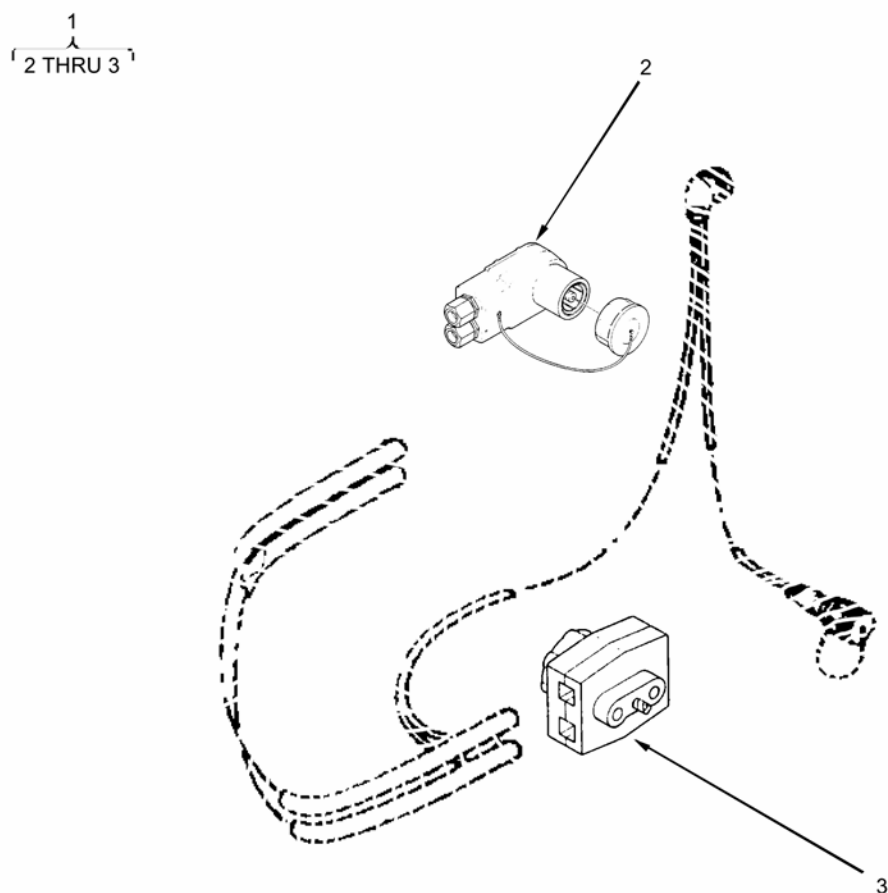


Figure 15. Cable Assembly, Battery Power (W202)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 03 ACCESSORY MODULE	
					FIGURE 15. CABLE ASSEMBLY, BATTERY POWER (W202)	
1	XDOOO	6150-01-860-7320	63631	532252-01-01	CABLE ASSEMBLY, BATTERY POWER (W202).....	1
2	PAOZZ	5935-00-567-0128	19207	11682338	. CONN, RECPT, INTERVEHICLE PWR (P1).....	1
3	PAOZZ	5935-00-686-0447	96906	MS25182-2	. PLUG,ELEC,4 WIRE,ACFT STOR BTRY (P2).....	1
					END OF FIGURE	

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 03 ACCESSORY MODULE						
FIGURE 16. CONTROL BOX ASSEMBLY						
1	XDOFF		63631	532205-01-01	CONTROL BOX ASSEMBLY	1
2	PAOZZ	5310-00-880-5978	96906	MS15795-807	. WASHER, FLAT, .188IN IDX .048IN THK.....	26
3	PAOZZ	5305-00-054-6671	96906	MS51957-46	. SCREW, PNH, .164-32 X .625 IN.....	24
4	XDOZZ	5935-01-251-2825	81349	M85528/2-18-A-01-A	. MOUNTING PLATE, CONNECTOR.....	1
5	PAOZZ	5930-01-281-0051	81349	D38999/33W17R	. CAP, DUST, RECP.....	1
6	PAOZZ	5310-00-782-1349	96906	MS15795-804	. WASHER, FLAT, .125 ID X .032 THK.....	4
7	PAOZZ	5305-00-054-5649	96906	MS51957-15	. SCREW, PNH, .112-40 X .375 L.....	4
8	XDOZZ	5935-01-451-2233	81349	M85528/2-25-A-01-A	. MOUNTING DEVICE, CONNECTOR.....	1
9	PAOZZ	5310-00-515-7449	88044	AN960C416L	. WASHER, FLAT 1/4 IN.....	4
10	PAOZZ	5305-00-071-2094	96906	MS51958-84	. SCREW, PNH, .250-28 X 1.25 IN.....	1
11	PAOZZ	5305-00-059-3677	96906	MS51958-81	. SCREW, PNH, .250-28X.750L.....	2
12	PBOZZ	6110-01-461-5116	62445	777-30-53	. VOLTAGE REGULATOR (VR1).....	1
13	XDOZZ		63631	532212-01-01	. ENCLOSURE, CONTROL BOX	1
14	XDOZZ	4820-01-421-6496	57797	ECDB38	. DRAIN/BREATHER	1
15	PAOZZ	5310-00-722-5998	96906	MS15795-805	. WASHER, FLAT, .156IN IDX .032IN THK.....	4
16	PAOZZ	5305-00-054-6655	96906	MS51957-31	. SCREW, PNH, .138-32 X .625 L.....	1
17	PAOZZ	5935-01-280-5470	81349	D38999/33W25R	. CAP, DUST, RECP.....	1
18	PAOZZ	5305-00-054-6653	96906	MS51957-29	. SCREW, PNH, .138-32 X .437 IN.....	3
19	XDOZZ		63631	532265-01	. PLATE, SYS SET-UP, FLUID DIAG.....	1
20	XDOZZ	5320-01-359-4667	96906	MS20604R4W2	. RIVET, UNIV HD, .125 DIA X .232 IN.....	6
21	PAOZZ	5310-00-889-2589	96906	MS21044C4	. NUT, SLFLKG, .250-28 IN.....	1
22	PAOZZ	5310-00-933-8121	96906	MS35338-139	. WASHER, LOCK 1/4 IN.....	1
23	XDOZZ		30554	83-15075-02	. LABEL, CAUTION	1
24	XDOZZ		63631	532275-01-01	. HANDLE	1
25	PAOZZ	5305-00-054-6670	96906	MS51957-45	. SCREW, PNH, .164-32 X .500 IN.....	2
26	PAOZZ	5310-00-933-8119	96906	MS35338-137	. WASHER, LOCK	2
27	XDOZZ		63631	532266-01	. PLATE, OPERATING INSTRUCTION.....	1
28	XDOZZ	5310-00-782-8369	80205	NAS620C5L	. WASHER, FLAT, NO 5.....	6
END OF FIGURE						

**UNIT AND DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 CONTROL PANEL ASSEMBLY
 REPAIR PARTS LIST**

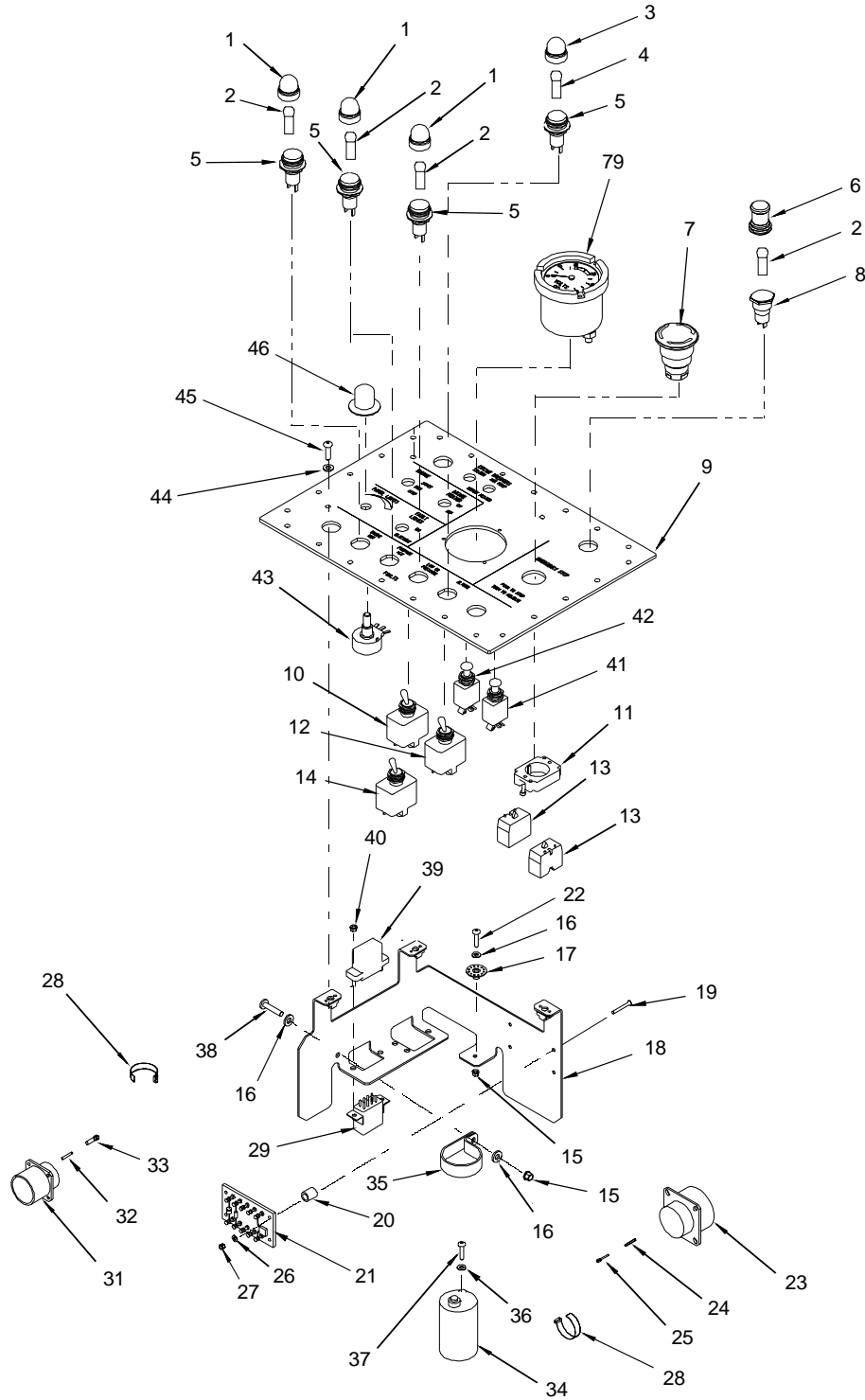


Figure 17. Control Panel Assembly (Sheet 1)

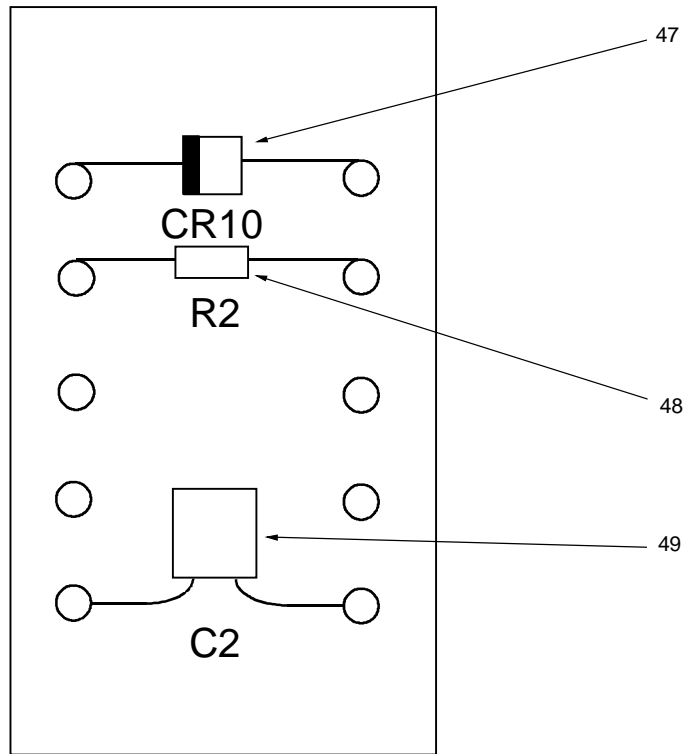


Figure 17. Control Panel Assembly (Sheet 2)

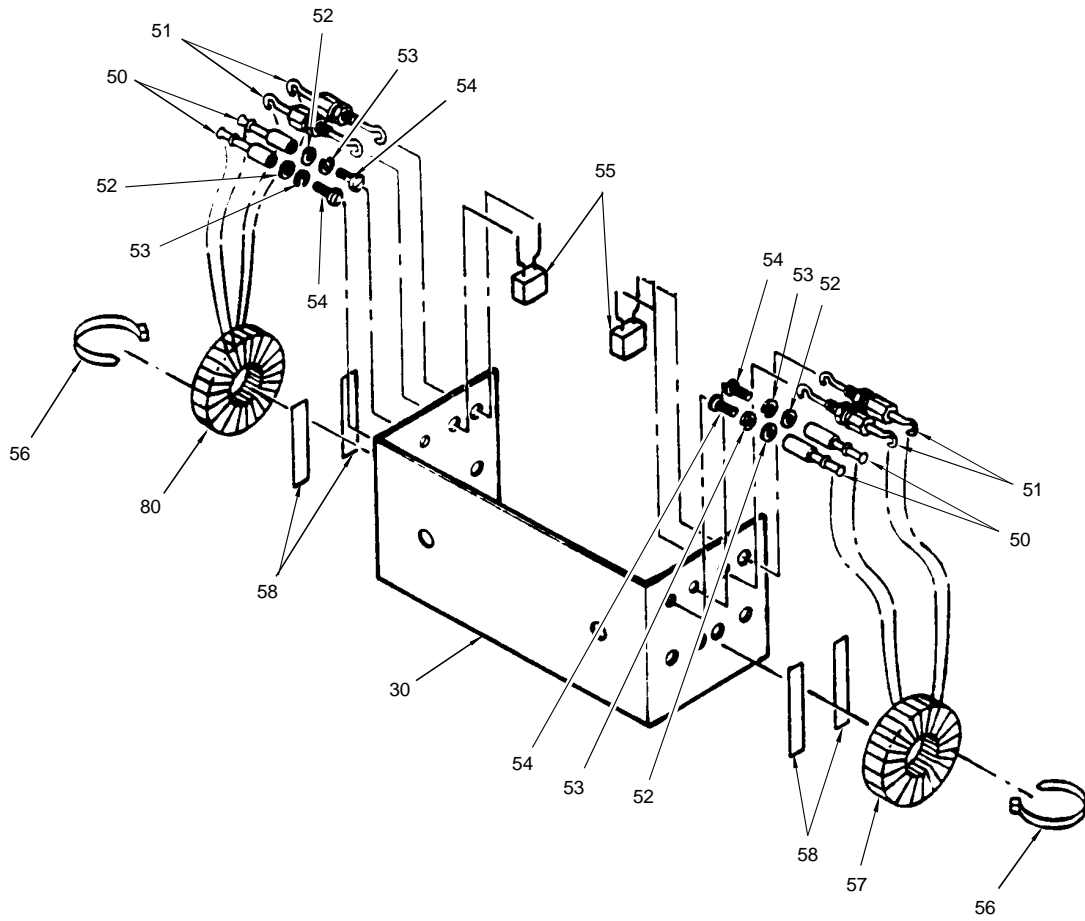


Figure 17. Control Panel Assembly (Sheet 3)

CONTROL PANEL WIRE LIST						
Note: - - - - indicates a solder termination; * * * indicates crimp to relay contact						
FROM			WIRE	TO		
TERMINATION POINT	TERMINATION ITEM NO.	MARKER SLEEVE ITEM NO.	ITEM NO.	TERMINATION POINT	TERMINATION ITEM NO.	MARKER SLEEVE ITEM NO.
F3	- - - - -	NONE	59	VR1-E2	60	61
F4	- - - - -	NONE	62	VR1-E7	63	61
F2	- - - - -	NONE	62	VR1-E9	64	65
F1	- - - - -	NONE	62	VR1-E8	64	65
TB1-B5	- - - - -	NONE	66	C1-(-)	67	
TB1-B2	- - - - -	NONE	66	TB1-B5	- - - - -	
TB1-B1	- - - - -	NONE	66	TB1-B2	- - - - -	
TB1-A5	- - - - -	NONE	68	C1-(+)	67	
TB1-A2	- - - - -	NONE	68	TB1-A5	- - - - -	
TB1-A1	- - - - -	NONE	68	TB1-A2	- - - - -	
L2-E5	- - - - -	NONE	66	E1-(RTN)	69	
C1-(-)	69	NONE	70	E1-(RTN)	69	
J2-E	33	NONE	70	E1-(RTN)	69	
J2-D	33	NONE	70	E1-(RTN)	69	
J2-B	33	NONE	70	E1-(RTN)	69	
C1-(+)	69	NONE	71	L2-E6	- - - - -	
CB1-LINE	72	NONE	71	C1-(+)	69	
CB2-LINE	72	NONE	71	J2-A	33	
CB2-LINE	72	NONE	71	CB1-LINE	73	
S5-6	72	NONE	66	E1-(RTN)	- - - - -	
S3-2	72	NONE	68	CB1-LOAD	73	
S3-5	72	NONE	68	S3-2	72	
CB2-LOAD	70	NONE	69	J2-C	33	
S2-4	74	NONE	61	CB2-LOAD	76	
S2-1	74	NONE	61	CB2-LOAD	76	
J1-m	25	NONE	75	L1-E4	- - - - -	
J1-n	25	NONE	75	L1-E4	- - - - -	
J1-p	25	NONE	75	L1-E4	- - - - -	
J1-P	25	NONE	75	L1-E3	- - - - -	
J1-R	25	NONE	75	L1-E3	- - - - -	
J1-S	25	NONE	75	L1-E3	- - - - -	
J1-G	25	NONE	66	S2-2	72	
J1-F	25	NONE	66	S2-5	72	

CONTROL PANEL WIRE LIST						
Note: - - - - indicates a solder termination; * * * indicates crimp to relay contact						
FROM			WIRE	TO		
TERMINATION POINT	TERMINATION ITEM NO.	MARKER SLEEVE ITEM NO.	ITEM NO.	TERMINATION POINT	TERMINATION ITEM NO.	MARKER SLEEVE ITEM NO.
J1-E	25	NONE	66	S2-5	72	
J1-D	25	NONE	66	S3-1	72	
S4-A2	- - - - -	NONE	66	VR1-E10	63	
S4-A1	- - - - -	NONE	66	S3-4	72	
S4-B1	- - - - -	NONE	66	S4-A1	- - - - -	
K1-X2	* * *	NONE	64	E1-(RTN)	- - - - -	
K1-X1	* * *	NONE	66	J1-A	25	
K1-B1	* * *	NONE	66	J1-C	25	
K1-A1	* * *	NONE	66	K1-B1	* * *	
K1-B2	* * *	NONE	66	J1-B	25	
K1-A2	* * *	NONE	66	K1-B2	* * *	
S4-B2	- - - - -	NONE	66	K1-A2	* * *	
S5-3	72	NONE	66	S4-B2	- - - - -	
DS1 (-)	- - - - -	NONE	64	VR1-E11	78	
CR6 (-)	- - - - -	NONE	64	J1-J	25	
CR7 (-)	- - - - -	NONE	64	J1-H	25	
K1-A3	* * *	NONE	66	K1-B3	* * *	
CR9 (+)	- - - - -	NONE	66	K1-A3	* * *	
CR5 (-)	- - - - -	NONE	64	R1-3	- - - - -	
CR2 (-)	- - - - -	NONE	64	CR5 (-)	- - - - -	
CR1 (-)	- - - - -	NONE	64	CR2 (-)	- - - - -	
CR3 (-)	- - - - -	NONE	64	CR1 (-)	- - - - -	
CR9 (-)	- - - - -	NONE	64	R1-2	- - - - -	
S5-5	72	NONE	64	CR9 (-)	- - - - -	
CR5 (+)	- - - - -	NONE	66	S5-2	72	
CR2 (+)	- - - - -	NONE	66	CR5 (+)	- - - - -	
CR6 (+)	- - - - -	NONE	66	CR2 (+)	- - - - -	
CR7 (+)	- - - - -	NONE	66	CR6 (+)	- - - - -	
DS1 (+)	- - - - -	NONE	66	CR7 (+)	- - - - -	
CR1 (+)	- - - - -	NONE	66	DS1 (+)	- - - - -	
CR3 (+)	- - - - -	NONE	66	CR1 (+)	- - - - -	
M1+	69	NONE	70	S3-4	69	
M1-	69	NONE	70	E-(RTN)	69	
J1-5	- - - - -	NONE	77	L1-E3	- - - - -	

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 03 ACCESSORY MODULE						
FIGURE 17. CONTROL PANEL ASSEMBLY						
1	PAOZZ	6210-00-989-9885	81349	LC19CN3	LENS, INDICATOR LIGHT	3
2	PAOZZ	5980-01-459-6786	8Z410	B3127CR6-28V/30-BP	LAMP, DIODE, RED (CR1, CR2, CR3, CR5, CR6, CR7, CR9)	7
3	PAOZZ	6210-01-452-5004	81349	LC20YN3	LENS, INDICATOR, YELLOW	1
4	PAOZZ	6240-00-266-9940	96906	MS25231-1829	LAMP, INCANDESCENT (DS1)	1
5	PAOZZ	6210-00-159-1727	81349	LH77/3	HOUSING, INDICATOR LIGHT	4
6	XDOZZ	6210-00-888-2648	83330	21-2900-300	CAP, INDICATOR, MINIATURE	4
7	XDOZZ	5930-01-308-5118	56365	ZB2-BS54	PUSH BUTTON	1
8	XDOZZ	6210-01-194-6500	83330	21-0410-29-301	BASE, INDICATOR, MINIATURE	4
9	XDOZZ		63631	532221-01	PANEL, CONTROL	1
10	PAOZZ	5930-00-655-4247	96906	MS24524-22	SWITCH, 2 POLE (S5)	1
11	XDOZZ		63631	532278-01	MOUNTING BASE	1
12	PAOZZ	5930-00-660-3950	96906	MS24524-30	SWITCH, 2 POLE (S2)	1
13	XDOZZ		56365	Z82BE1024	CONTACT BLOCK (S4)	1
14	PAOZZ	5930-00-906-3477	96906	MS27407-2	SWITCH, 2 POLE (S3)	1
15	PAOZZ	5310-00-807-1467	96906	MS21042-3	NUT, SLFLKG, .190-32	2
16	PAOZZ	5310-00-619-1148	96906	MS15795-808	WASHER, FLAT, .211 ID X.065 IN THK	3
17	XDOZZ	5940-01-465-6643	81349	M55155/26XH-01	TERMINAL, STUD, GROUND (E1)	4
18	XDOZZ		63631	532222-01-01	BRACKET, CONTROL PANEL	1
19	PAOZZ	5305-00-780-8456	96906	MS24693-C9	SCREW, FLH, .112-40 X .88 IN	4
20	XDOZZ	5365-00-632-3103	80205	NAS43DD0-32FC	SPACER, SLEEVE, .115 IDX.50 IN	4
21	XDOZZ	5940-00-082-4663	96906	MS27249-2B1	TERMINAL BOARD (TB1)	1
22	PAOZZ	5305-00-059-3662	96906	MS51958-66	SCREW, PNH, .190-32 X.875 IN	1
23	XDOOO	5935-01-272-0060	81349	D38999/20WJ61PN	CONNECTOR (J1)	1
24	PAOZZ	5999-00-243-6500	81349	M39029/58-363	. CONTACT, ELECTRICAL	32
25	PAOZZ	5935-00-496-7171	96906	MS27488-20	. PLUG END SEAL	V
26	PAOZZ	5310-00-595-6211	96906	MS15795-803	WASHER, FLAT, .125 ID X.028 IN THK	4
27	PAOZZ	5310-00-811-6419	96906	MS21042-04	NUT, SLFLKG, .112-40	4
28	PAOZZ	5975-00-903-2284	96906	MS3367-4-0	TIEDOWN STRAP	V
29	XDOZZ	5935-01-248-4940	81349	M12883/41-06	RELAY SOCKET	1
30	XAOZZ		63631	532223-01	BRACKET, RFI	1
31	PAOZZ	5935-01-190-6724	81349	D38999/20WE6PN	CONNECTOR, RECP (J2)	1
32	XDOZZ		81349	M39029/58-234	CONTACT, PIN	5
33	PAOZZ	5935-01-097-0399	96906	MS27488-12	SEALING PLUG, 12AWG	1
34	XDOZZ	5910-01-438-0734	81349	M39018/10-0141M	CAPACITOR, 2200MF, 50V (C1)	1
35	PAOZZ	5340-01-458-8151	80205	NAS1715D22N	CLAMP, LOOP, CUSHIONED	1
36	PAOZZ	5310-00-019-0672	96906	MS35333-107	WASHER, LOCK, .195 ID	2
37	PAOZZ	5305-00-059-3656	96906	MS51958-60	SCREW, PNH, .190-32 X.312 IN	2
38	PAOZZ	5305-00-059-3659	96906	MS51958-63	SCREW, PNH, .190-32 X .500L	1
39	XDOZZ	5945-01-396-0626	81349	M83536/10-024M	RELAY (K1)	1
40	PAOZZ	5310-00-878-3292	96906	MS21043-04	NUT, SELF LOCKING	2
41	XDOZZ	5925-01-075-6783	96906	MS14105-30	CIRCUIT BREAKER, 30A (CB2)	1
42	XDOZZ	5925-00-452-1270	96906	MS3320-5	CIRCUIT BREAKER, 5A (CB1)	1
43	XDOZZ	5905-00-539-1559	81349	RV4NAYS253A	RESISTOR, VARIABLE (R1)	1
44	PAOZZ	5310-00-880-5978	96906	MS15795-807	WASHER, FLAT, .188 ID X.049 IN THK	3
45	PAOZZ	5305-00-054-6671	96906	MS51957-46	SCREW, PNH, .164-32 X.625 IN	3
46	XDOZZ	5355-00-680-1357	96906	MS91528-1F2B	KNOB-CONTROL	1
47	PAOZZ	5961-00-650-9651	81349	JANTX1N5418	DIODE, FAST RECOVERY (CR10)	1
48	PAOZZ	5905-01-021-0991	81349	RLR07C1002FP	RESISTOR, 10K OHMS, 1%,0.25W (R2)	1
49	PAOZZ	5910-00-010-8718	81349	M39014/02-1258	CAPACITOR, 0.01 MF, 10%, 200V(C2)	1
50	PAOZZ	5940-00-082-4745	81349	SE109D02	TERMINAL, STUD, INSULATED (E3, E4, E5, E6) ...	4
51	XDOZZ		59660	327-010-XSWO-1032	FILTER, RFI, 50VDC, 20AMP (F1, F2, F3, F4)	4
52	PAOZZ	5310-01-352-9588	80205	NAS1149CN632R	WASHER, FLAT	4
53	PAOZZ	5310-00-929-6395	96906	MS35338-136	WASHER, LOCK SPRING, NO 6	4
54	PAOZZ	5305-00-054-6650	96906	MS51957-26	SCREW, PH, .164-32 X .250	4
55	PAOZZ	5910-00-010-8721	81349	M39014/02-1407	CAPACITOR, 1.0MF, 10%, 50V (C3, C4)	2
56	PAOZZ	5975-00-984-6582	96906	MS3367-1-0	TIEDOWN STRAP	V
57	XDOZZ		55114	FT-150A-F W/16T 2X AWG #16	INDUCTOR, COIL, RFI (L1)	1
58	XDOZZ		63631	2841	TAPE, FOAM, .062 X .5 WIDE	V
59	PAOZZ	6145-01-044-8798	81349	M22759/16-16-0	WIRE, ELEC, 16AWG, BLK	V

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
60	PAOZZ	5940-00-230-0515	96906	MS25036-154	TERMINALLUG,.250 STUD,16-10AWG.....	1
61	XDOZZ	5970-01-423-2087	06090	TMS-SCE1/4-2.0-9	SLEEVE, MARKER, HEAT-SHRINKABLE.....	2
62	PAOZZ	6145-01-044-8799	81349	M22759/16-16-9	WIRE, ELEC, 16AWG, WHT	V
63	PAOZZ	5940-01-461-5869	19328	492805	TERMINAL, SEAM, F.375, 16AWG.....	1
64	XDOZZ		02418	8292	TERMINAL, SEAM, F.250, 20AWG.....	3
65	XDOZZ	5970-01-356-5560	06090	TMS-SCE1/8-2.0-9	SLEEVE, MARKER, HEAT-SHRINKABLE.....	4
66	XDOZZ	6145-01-057-9417	81349	M22759/16-20-0	WIRE, ELEC, 20 AWG BLK.....	V
67	PAOZZ	5940-00-143-4771	96906	MS25036-103	TERMINAL,LUG,.190 STUD,22-18AWG.....	2
68	PAOZZ	6145-01-042-4621	81349	M22759/16-20-9	WIRE, ELEC, 20 AWG WHT	V
69	PAOZZ	5940-00-143-4794	96906	MS25036-112	TERMINAL,LUG, .190 STUD,12-10AWG.....	8
70	PAOZZ	6145-01-057-9413	81349	M22759/16-12-0	WIRE, ELEC, 12AWG, BLK	V
71	PAOZZ	6145-01-060-7868	81349	M22759/16-12-9	WIRE, ELEC, 12AWG, WHT	V
72	PAOZZ	5940-00-143-4775	96906	MS25036-156	TERMINAL,LUG,.164 STUD,12-10AWG.....	4
73	PAOZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL,LUG,.164 STUD,16-14AWG.....	2
74	PAOZZ	5940-00-813-0698	96906	MS25036-101	TERMINAL LUG, .138 STUD,22-18AWG.....	15
75	PAOZZ	5940-00-557-1629	96906	MS25036-149	TERMINAL,LUG, .164 STUD,22-18AWG.....	1
76	PAOZZ	5940-00-113-8179	96906	MS25036-107	TERMINAL,LUG,.138 STUD,16-14AWG.....	2
77	XDOZZ	6145-01-503-6347	81349	M85485/11-20T2A	CABLE,ELEC,20 AWG,TW PR,RF FILTER	V
78	XDOZZ		02418	8291	TERMINAL, SEAM, F.187, 20AWG.....	1
79	XDOZZ		77221	623-21087	VOLTMETER, DC (M1)	1
80	XDOZZ		55114	FT-150A-F W/16T 2X AWG #16	INDUCTOR, COIL, RFI (L2)	1

END OF FIGURE

UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
AUXILIARY PUMP ASSEMBLY
REPAIR PARTS LIST

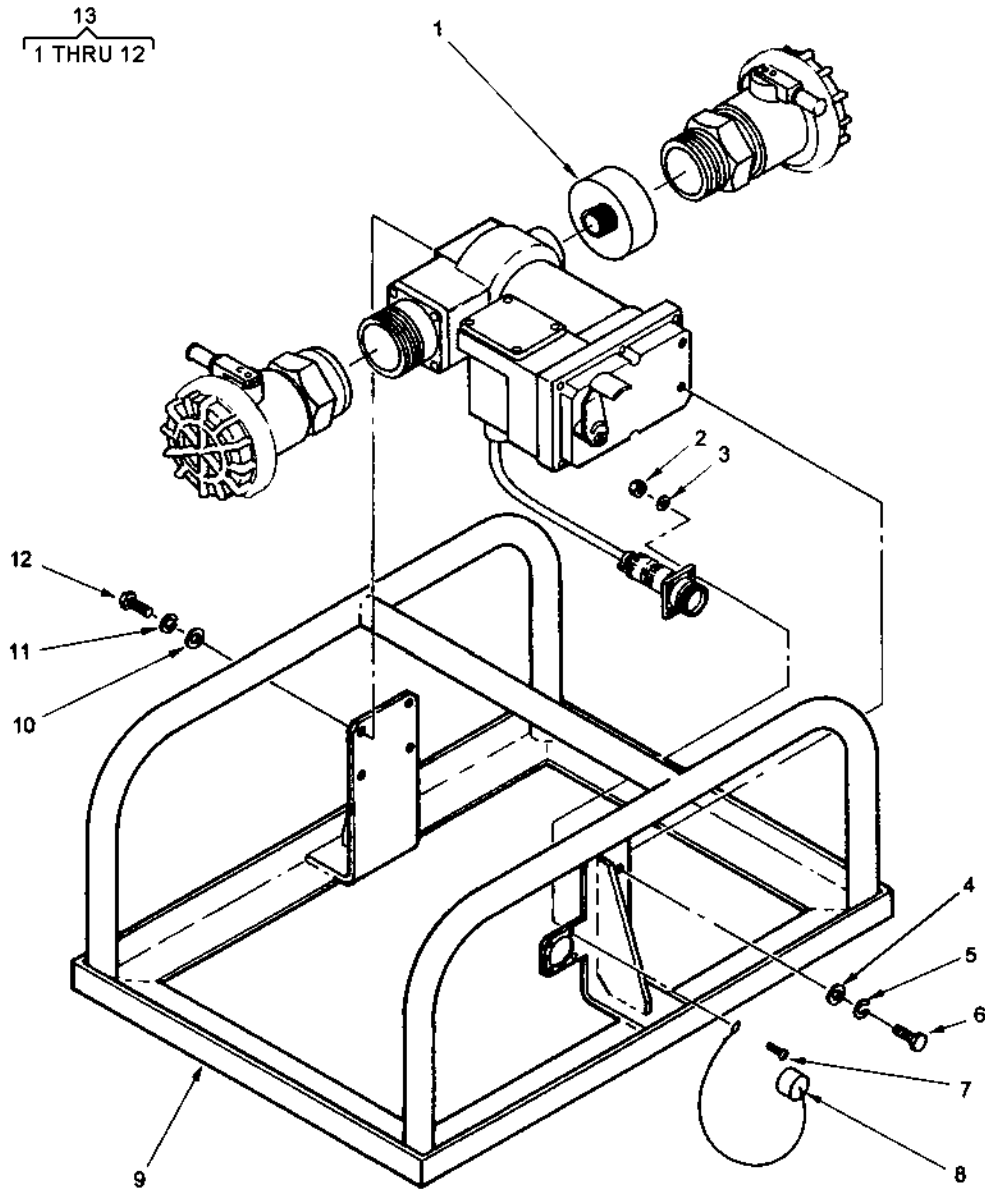


Figure 18. Auxiliary Pump Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 04 PUMP ASSEMBLY, AUXILIARY	
					FIGURE 18. AUXILIARY PUMP ASSEMBLY	
1	XDOZZ		63631	532403-01	REDUCER	1
2	PAOZZ	5310-00-982-4999	96906	MS21044C04	NUT, SLF LOCK	4
3	PAOZZ	5310-01-338-4121	80205	NAS1149CN432R	WASHER, FLAT NO. 4	4
4	PAOZZ	5310-00-167-0814	80205	NAS1149CO532R	WASHER, FLAT, NO. 5/16.....	2
5	PAOZZ	5310-00-974-6623	96906	MS35338-140	WASHER, LOCK, NO. 5/16.....	2
6	PAOZZ	5305-01-435-2855	08915	F6480	SCREW, MACHINE	2
7	PAOZZ	5305-00-054-5651	96906	MS51957-17	SCREW, PNH NO. 4-40UNC X.50LG	4
8	PAOZZ	5935-01-281-0051	81349	D38999/33W17R	CAP, DUST.....	1
9	XDOZZ		63631	532401-01-01	FRAME ASSY	1
10	PAOZZ	5310-01-352-9592	80205	NAS1149CO432R	WASHER, FLAT, NO. ¼	4
11	PAOZZ	5310-00-933-8121	96906	MS35338-139	WASHER, LOCK, NO. ¼	4
12	PAOZZ	5305-00-207-8253	96906	MS35307-308	SCREW, CAP, HEX, .250-20UNC X1.00 LG	4
13	PDOFF	4320-01-517-1774	63631	532400-01-01	PUMP ASSY, AUXILIARY (DEFUELING)	1
					END OF FIGURE	

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
UNISEX COUPLING, 2-INCH, VALVED, FNPT
REPAIR PARTS LIST**

1
2 THRU 37

22
23 THRU 26

32
33 THRU 36

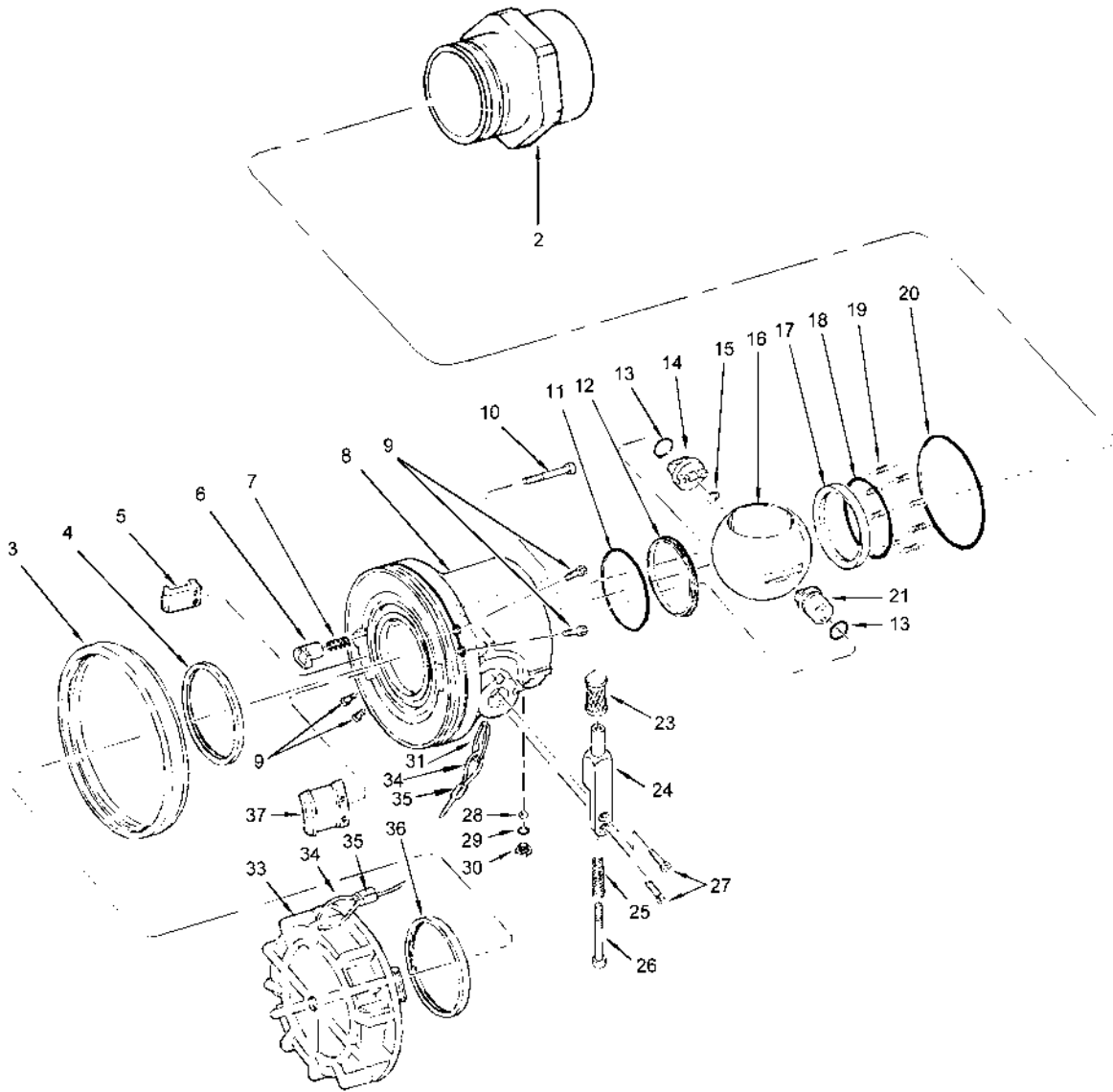


Figure 19. Unisex Coupling, 2 inch, Valved, FNPT

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 04 PUMP ASSEMBLY, AUXILIARY						
FIGURE 19. COUPLING, UNISEX, 2-INCH, VALVED FNPT						
1	XDOFF	4730-01-259-5838	ODT23	64020S	COUPLING, UNISEX, VALVED, 2-INCH, FNPT	1
2	PAOZZ	4730-01-459-0018	ODT23	220498-2	. INLET, 2", FNPT	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	XDOZZ		ODT23	220805-2	. LUG, SHORT	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY (TAN)	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING PART OF KIT P/N KD64020-1	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING PART OF KIT P/N KD64020-1	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, STOP	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI.	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING PART OF KIT P/N KD64020-1	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING PART OF KIT P/N KD64020-1	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE, MANUAL ASSEM	1
23	XDFZZ		ODT23	220142	. GRIP	1
24	XDFZZ		ODT23	220147	. ARM	1
25	XDFZZ		ODT23	220145	. SPRING	1
26	XDFZZ		ODT23	220204	. SCREW	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING PART OF KIT P/N KD64020-1	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE	1
31	XDFZZ	5365-01-490-5797	ODT23	220482	. RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSEMBLY, DUST	1
33	XDOZZ		ODT23	220162	. CAP	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL	1
37	XDOZZ		ODT23	220805-1	. LUG, LONG	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN (1) 19-4	
					O-RING (1) 19-11	
					SEAL, PLAIN (1) 19-12	
					O-RING (2) 19-13	
					SEAL, PLAIN (1) 19-17	
					O-RING (1) 19-18	
					O-RING (1) 19-20	
					O-RING (1) 19-29	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 PUMP ASSEMBLY
 REPAIR PARTS LIST**

1
 2 THRU 15

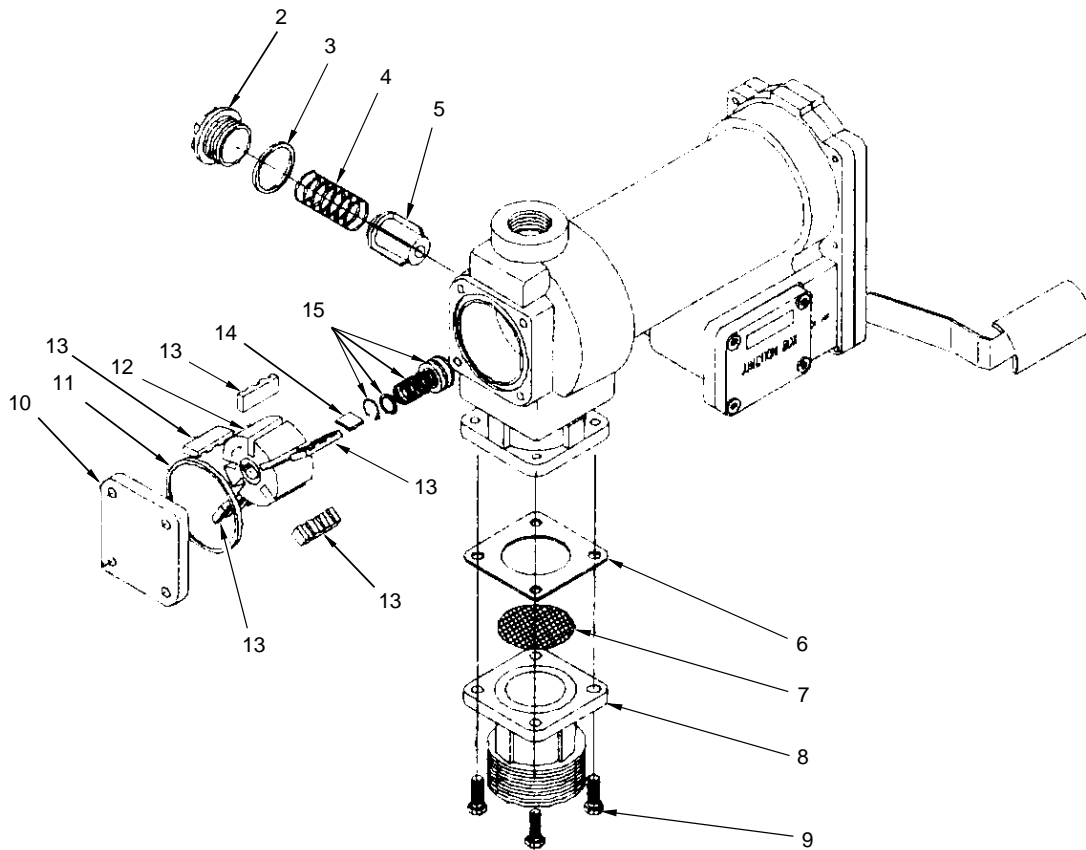


Figure 20. Pump Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 04 PUMP ASSEMBLY, AUXILIARY	
					FIGURE 20. PUMP ASSEMBLY	
1	PBOFF	4320-01-515-3177	63631	532402-01-01	PUMP ASSEMBLY, MODIFIED	1
2	PAFZZ	5365-01-435-1566	08915	1200F6464	. PLUG, MACHINE THREAD	1
3	PAFZZ	5330-01-435-3783	08915	1200F6455	. GASKET	1
4	PAFZZ	5360-01-456-5629	08915	1200F2770	. BYPASS SPRING	1
5	PAFZZ	4820-01-435-5887	08915	1200F2756	. BYPASS VALVE	1
6	PAFZZ	5330-01-435-3780	08915	100F0790	. GASKET	1
7	PAFZZ	4730-01-435-4619	08915	100F0760	. STRAINER ELEMENT, SE	1
8	PAFZZ	4730-01-459-3320	08915	1200F6465	. INLET FLANGE	1
9	PAFZZ	5305-01-435-2856	08915	1200F6721	. SCREW, CAP, HEXAGON H	4
10	PAFZZ	5340-01-435-2428	08915	1200F6435	. COVER, ACCESS	1
11	PAFZZ	5330-01-435-3786	08915	1200F6505	. GASKET	1
12	XDFZZ		08915	1200G8881	. ROTOR, PUMP	1
13	XDFZZ		08915	4200F7365	. VANE, CARBON	5
14	PAFZZ	5315-01-435-4833	08915	1200F6440	. KEY, MACHINE	1
15	PAFZZ	5330-01-435-3782	08915	1200KTF6446	. SEAL ASSEMBLY	1
					END OF FIGURE	

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
UNISEX COUPLING, 2-INCH, VALVED, MNPT
REPAIR PARTS LIST**

1
2 THRU 37

22
23 THRU 26

32
33 THRU 36

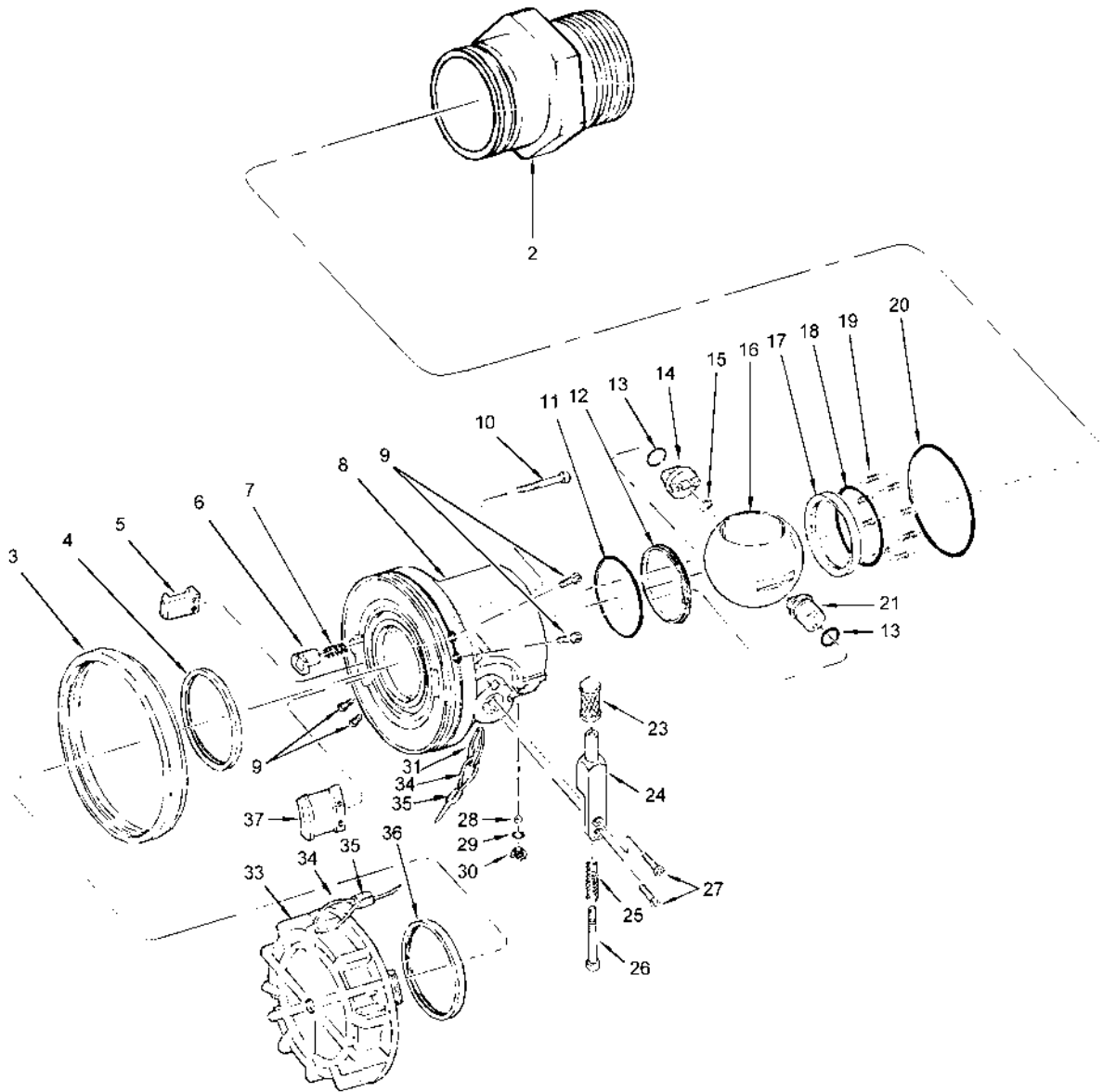


Figure 21. Unisex Coupling, 2-Inch, Valved, MNPT

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 04 PUMP ASSEMBLY, AUXILIARY						
FIGURE 21. UNISEX COUPLING, 2-INCH, VALVED, MNPT						
1	PAOFF	4730-01-289-3572	ODT23	64020J	COUPLING, UNISEX, VALVED 2-INCH MNPT	1
2	XDOZZ	4730-01-456-3895	ODT23	220132-1	. INLET, 2", MNPT, TAN.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT-23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
33	XDOZZ		ODT23	220162	. CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	1
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 21-4
					O-RING	(1) 21-11
					SEAL, PLAIN	(1) 21-12
					O-RING	(1) 21-13
					SEAL, PLAIN	(1) 21-17
					O-RING	(1) 21-18
					O-RING	(1) 21-20
					O-RING	(1) 21-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
NOZZLE KIT PN 532613-01-01
REPAIR PARTS LIST**

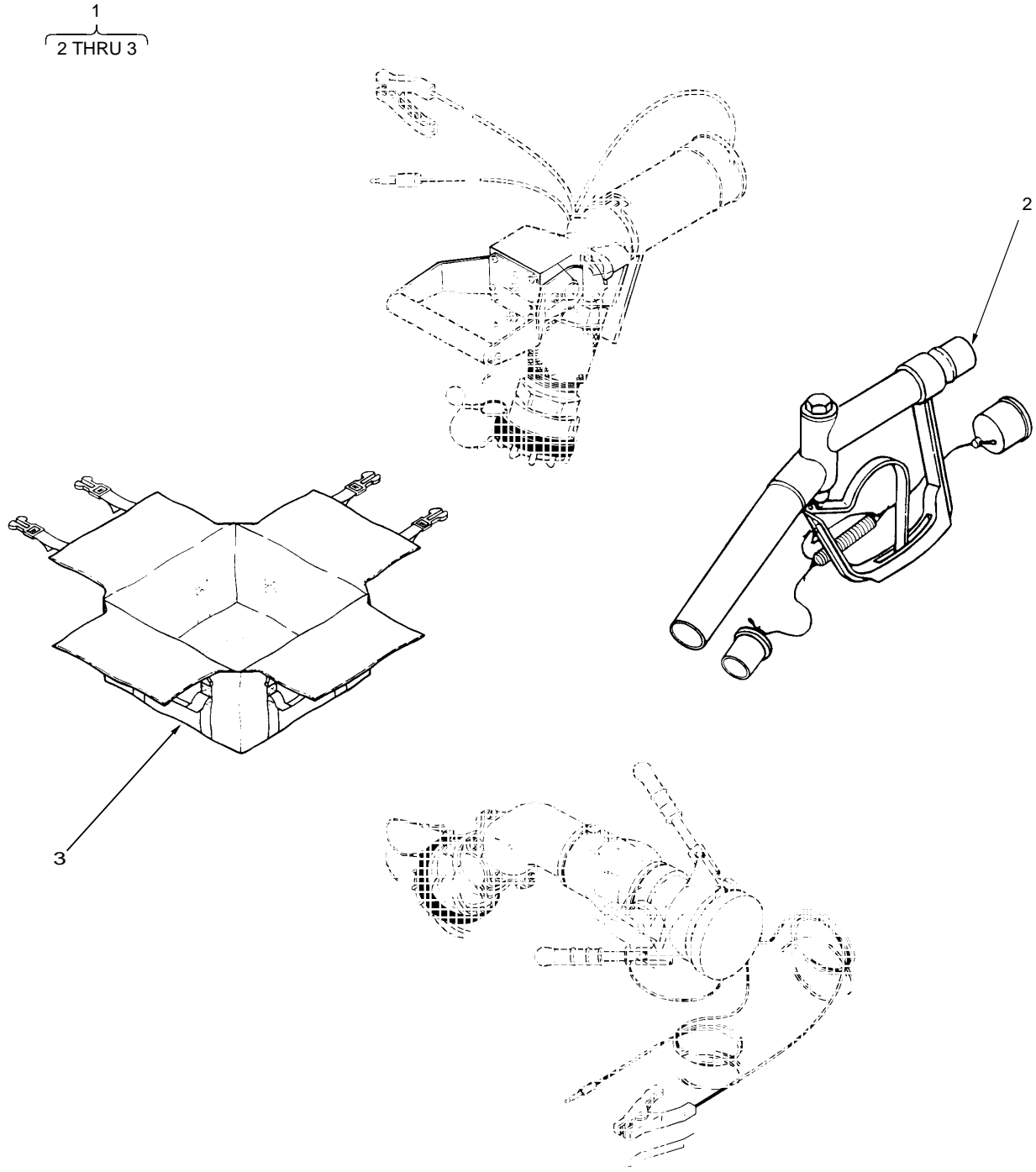


Figure 22. Nozzle Kit

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
					GROUP 05 NOZZLE KIT PN 532613-01-01	
					FIGURE 22. NOZZLE KIT	
1	PDOZZ	4930-01-517-1773	63631	532613-01-01	NOZZLE KIT.....	2
2	PAOZZ		0DT23	64185	. NOZZLE, AUTO-SHUTOFF.....	1
3	XDOZZ		63631	532615-11	. BAG, FUEL SYSTEM.....	1
					END OF FIGURE	

**UNIT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 D-1R NOZZLE ASSEMBLY
 REPAIR PARTS LIST**

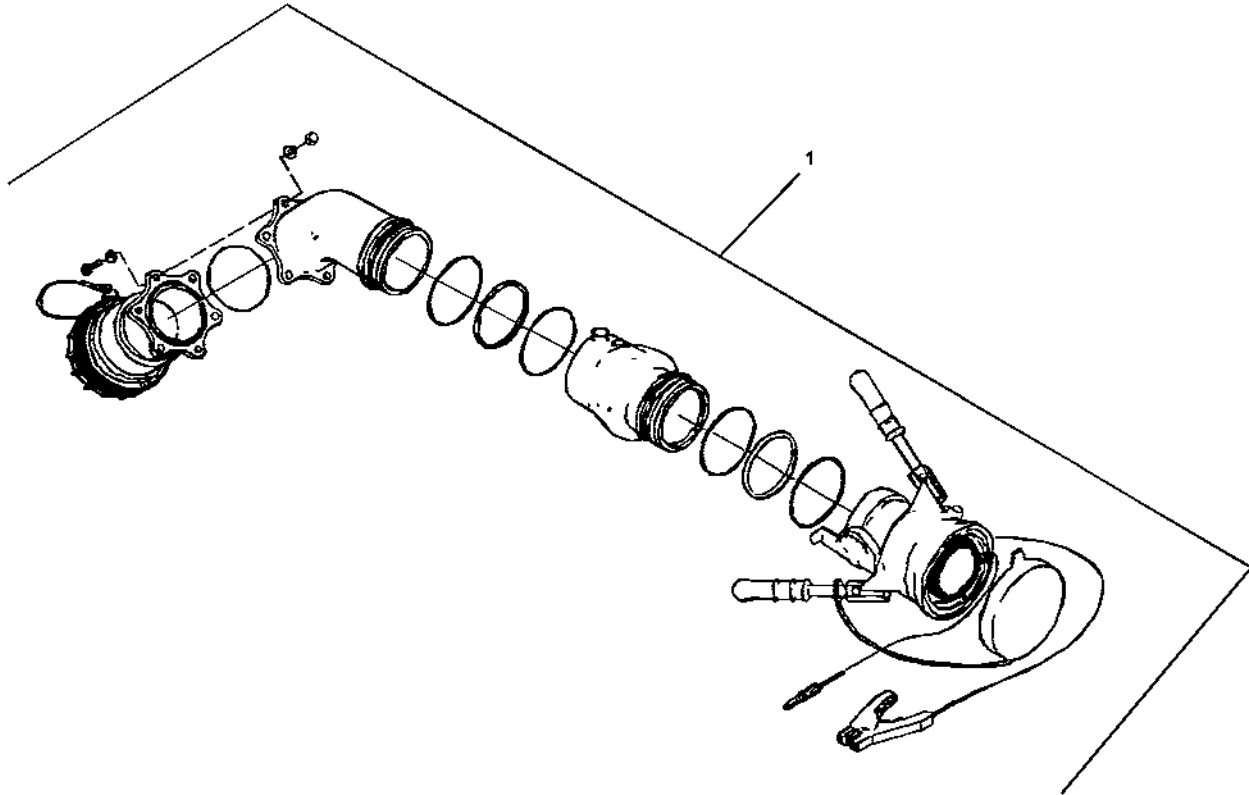


Figure 23. D-1R Nozzle Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 05 NOZZLE KIT	
					FIGURE 23. D-1R NOZZLE ASSEMBLY	
1	PAOFF	4930-01-440-1085	0DT23	64349CF4HXY	D-1R NOZZLE ASSEMBLY	1
					END OF FIGURE	

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
D-1 NOZZLE INLET
REPAIR PARTS LIST**

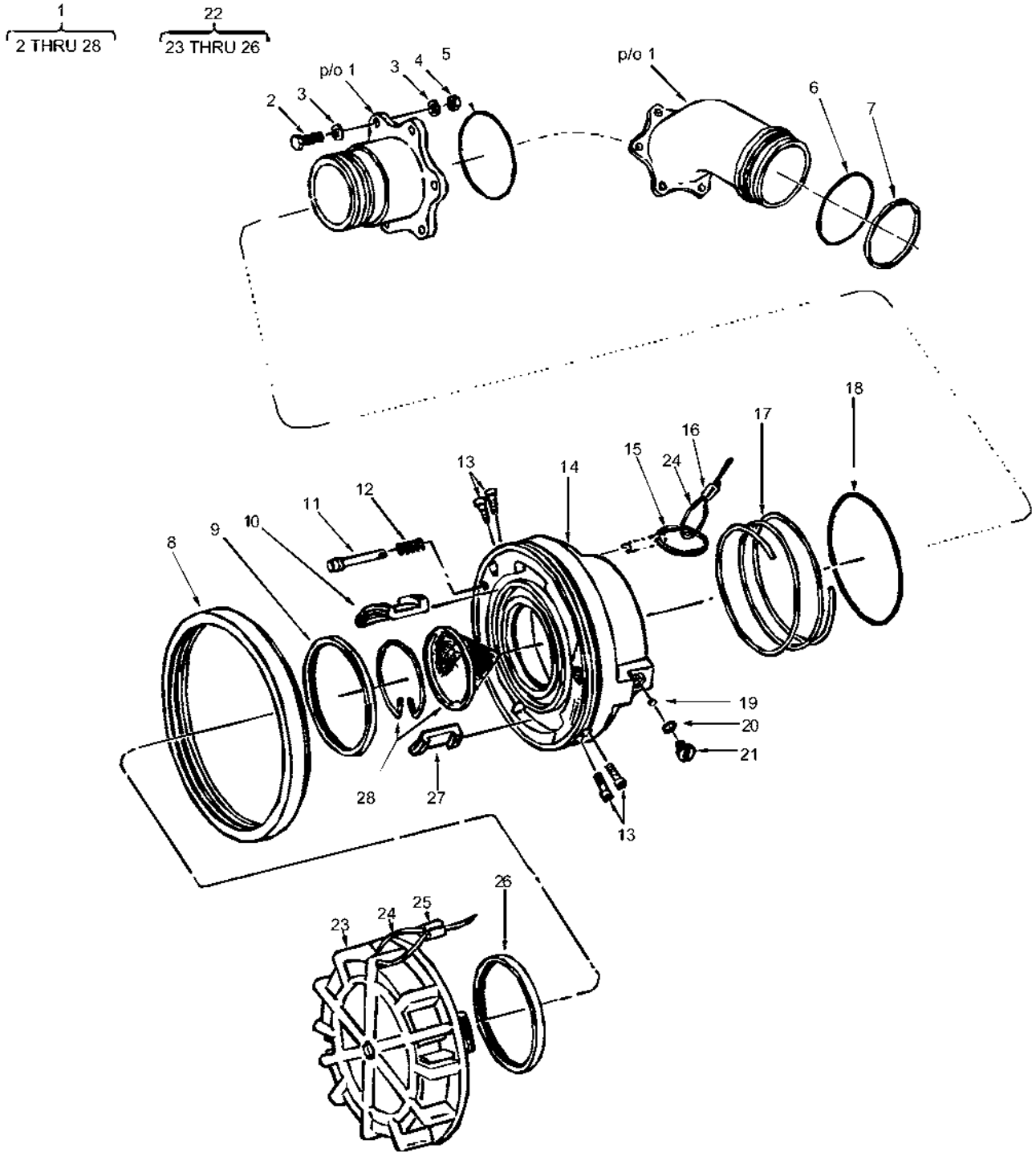


Figure 24. D-1 Nozzle Inlet

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 05 NOZZLE KIT						
FIGURE 24. D-1 NOZZLE INLET						
1	PAOOO	4730-01-515-3527	ODT23	64019CN	D-1 INLET ASSEMBLY	1
2	PAOZZ	5306-00-021-3912	96906	MS35308-334	. SCREW	6
3	PAOZZ	5310-00-167-0803	88044	AN960C516	. WASHER, FLAT	12
4	PAOZZ	5310-00-020-3260	96906	MS21083C5	. NUT, SELF-LOCKING	6
5	KFOZZ	5330-01-053-0217	ODT23	201201-151	. O-RING PART OF KIT P/N KD64019-5	1
6	PCOZZ	5331-01-244-2274	81349	M25988/1-040	. O-RING	1
7	PAOZZ	5330-01-247-1080	ODT23	207807	. SEAL	1
8	PAOZZ	2510-01-456-7850	ODT23	220161	. BUMPER	1
9	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL PART OF KIT P/N KD64019-5	1
10	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
11	PAOZZ	5315-01-490-5799	ODT23	220148	. PIN, LOCKOUT	1
12	PAOZZ	5360-01-490-5798	ODT23	220301	. SPRING	1
13	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, SELF LOCKING	4
14	XAOZZ		ODT23	220164-1	. BODY	1
15	PAOZZ	5340-01-499-9060	60808	8K1	. RING	1
16	PAOZZ	4030-00-431-5537	ODT23	28-2-G	. SLEEVE	1
17	PAOZZ	5360-01-499-7195	ODT23	220330	. SPRING	1
18	KFOZZ	5331-00-291-7337	96909	MS29513-228	. O-RING PART OF KIT P/N KD64019-5	1
19	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL	41
20	PCOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING	1
21	KFOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW PART OF KIT P/N KD64019-5	1
22	XDOOO	2910-01-456-2273	ODT23	47062	. DUST CAP ASSEMBLY	1
23	PAOZZ		ODT23	220162	. . CAP	1
24	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . CABLE	2
25	PAOZZ	4030-00-431-5537	ODT23	28-2-G	. . SLEEVE	1
26	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL PART OF KIT P/N KD64019-5	1
27	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT	1
28	PAOZZ	4730-01-515-3531	ODT23	47115-100	. SCREEN ASSEMBLY, 100 MESH	1
	PCOZZ	2910-01-515-4273	ODT23	KD64019-5	KIT, REPAIR PARTS	
					O-RING (1) 24-5	
					SEAL (1) 24-9	
					O-RING (1) 24-18	
					SCREW (1) 24-21	
					SEAL (1) 24-26	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 45 PSI HOSE END REGULATOR
 REPAIR PARTS LIST**

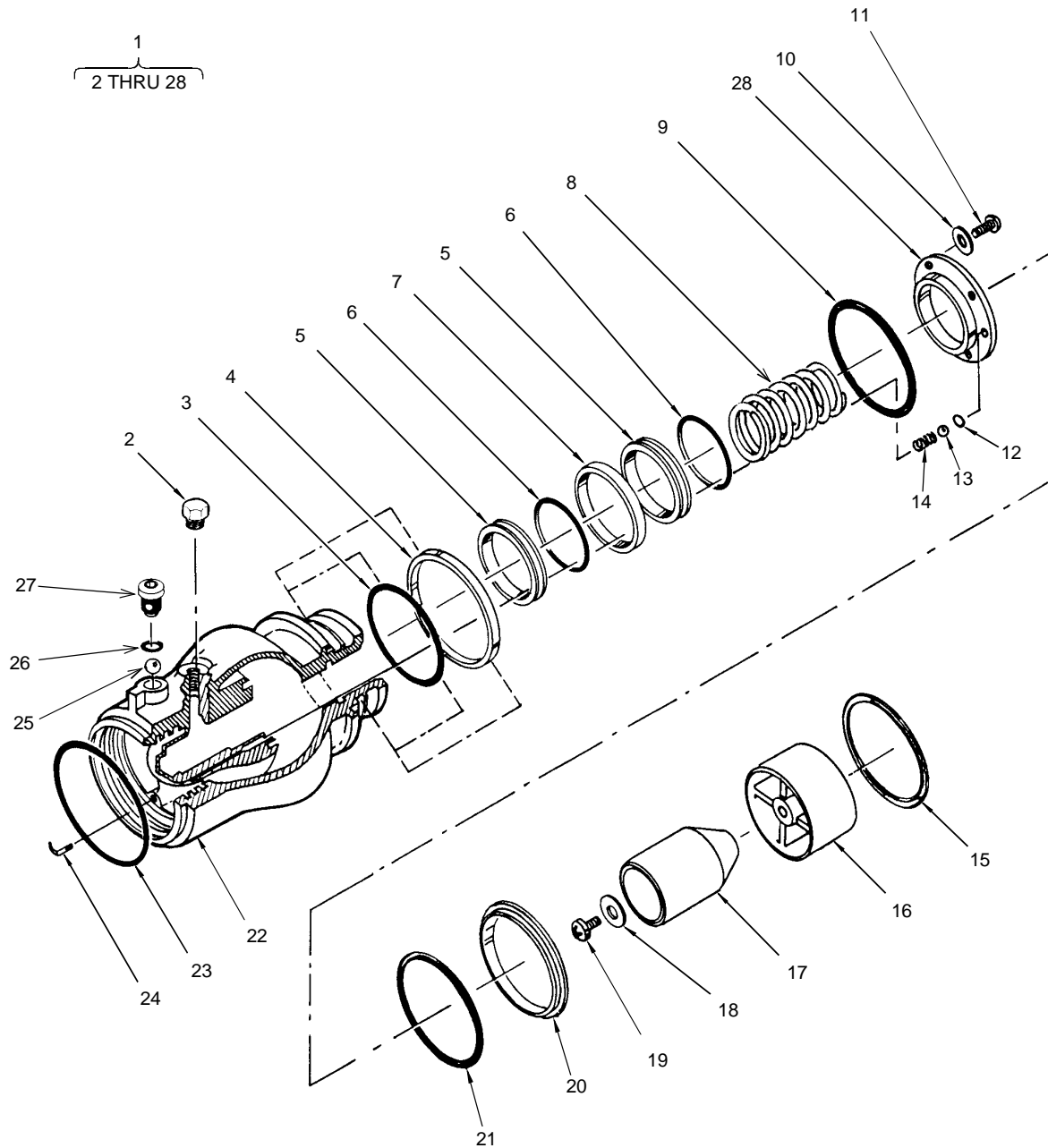


Figure 25. 45 PSI Hose End Regulator

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 05 NOZZLE KIT						
FIGURE 25. 45 PSI HOSE END REGULATOR						
1	XDOFF		ODT23	44646-45	HOSE END REGULATOR.....	1
2	XDFZZ	4930-01-307-2721	ODT23	40427	. BREATHER ASSEMBLY.....	1
3	KFFZZ	5331-01-244-2274	81349	M25988/1-040	. PACKING, PREFORMED PART OF KIT P/N KD61428-5	1
4	KFFZZ	5330-01-247-1080	ODT23	207807	. SEAL PART OF KIT P/N KD61428	1
5	KFFZZ	5330-01-053-0221	ODT23	24085	. SEAL PART OF KIT P/N KD61428-5	2
6	KFFZZ	5331-00-265-1076	96906	MS29513-126	. PACKING PREFORMED PART OF KIT P/N KD61428-5	2
7	KFFZZ	5365-01-053-0186	ODT23	24059	. SPACER, SEAL PART OF KIT P/N KD61428-5	1
8	XDFZZ	4930-01-053-0188	ODT23	23892	. SPRING, 45 PSI (BLACK).....	1
9	KFFZZ	5331-00-291-3273	ODT23	MS29513-229	. PACKING PREFORMED PART OF KIT P/N KD61428-5	1
10	XDFZZ	5310-00-515-8058	88044	AN960-8	. WASHER.....	4
11	XDFZZ		ODT23	LP515-8R7	. SCREW.....	4
12	KFFZZ		ODT23	220724-007	. PACKING, PREFORMED PART OF KIT P/N KD61428-5	1
13	XDFZZ	3110-00-965-8485	96906	MS19060-1012	. BALL.....	1
14	XDFZZ	5360-01-338-0240	ODT23	210189	. SPRING.....	1
15	XDFZZ	5325-00-613-8997	80756	RRT-268-S	. RING, RETAINING.....	1
16	XDFZZ	4930-01-053-0190	ODT23	23889	. PISTON, OUTER.....	1
17	XDFZZ	4930-01-053-0185	ODT23	24096	. INNER PISTON.....	1
18	KFFZZ		ODT23	600-001-10	. STAT-O-SEAL PART OF KIT P/N KD61428-5.....	1
19	XDFZZ		ODT23	LP526C1024R8	. SCREW.....	1
20	KFFZZ	4930-01-053-0187	ODT23	23893	. SEAL, OUTER PISTON PART OF KIT P/N KD61428-5	1
21	KFFZZ	5331-00-531-4588	96906	MS29513-147	. PACKING, PREFORMED PART OF KIT P/N KD61428-5	1
22	XAFZZ		ODT23	209793	. HOUSING.....	1
23	KFFZZ	5331-01-007-4899	81349	M25988/1-235	. PACKING PREFORMED PART OF KIT P/N K061428-5	1
24	KFFZZ	5360-01-246-2501	ODT23	209853	. SPRING, HELICAL PART OF KIT P/N K061428-5 ...	1
25	XDOZZ	3110-01-247-1056	ODT23	82123	. BEARING, BALL.....	39
26	KFOZZ	5331-00-263-8011	96906	MS29512-03	. PACKING, PREFORMED PART OF KIT P/N KD61428-5	1
27	XDOZZ	5305-01-459-4210	ODT23	220484	. SCREW, CAP.....	1
28	XDFZZ	4930-01-053-0189	ODT23	23890	. SEAL RETAINER.....	1
	PAFZZ	5331-01-338-6641	ODT23	KD61428-5	KIT, REPAIR. PARTS	1
				PACKING, PREFORMED (1)	25-3	
				PACKING, PREFORMED (1)	25-9	
				PACKING, PREFORMED (2)	25-6	
				PACKING, PREFORMED (1)	25-12	
				PACKING, PREFORMED (1)	25-21	
				PACKING, PREFORMED (1)	25-23	
				PACKING, PREFORMED (1)	25-26	
				SEAL (1)	25-4	
				SEAL (1)	25-5	
				SEAL, OUTER PISTON (1)	25-20	
				SPACER (1)	25-7	
				SPRING, HELICAL (1)	25-24	
				STAT-O-SEAL (1)	25-18	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 D-1 NOZZLE BODY ASSEMBLY
 REPAIR PARTS LIST**

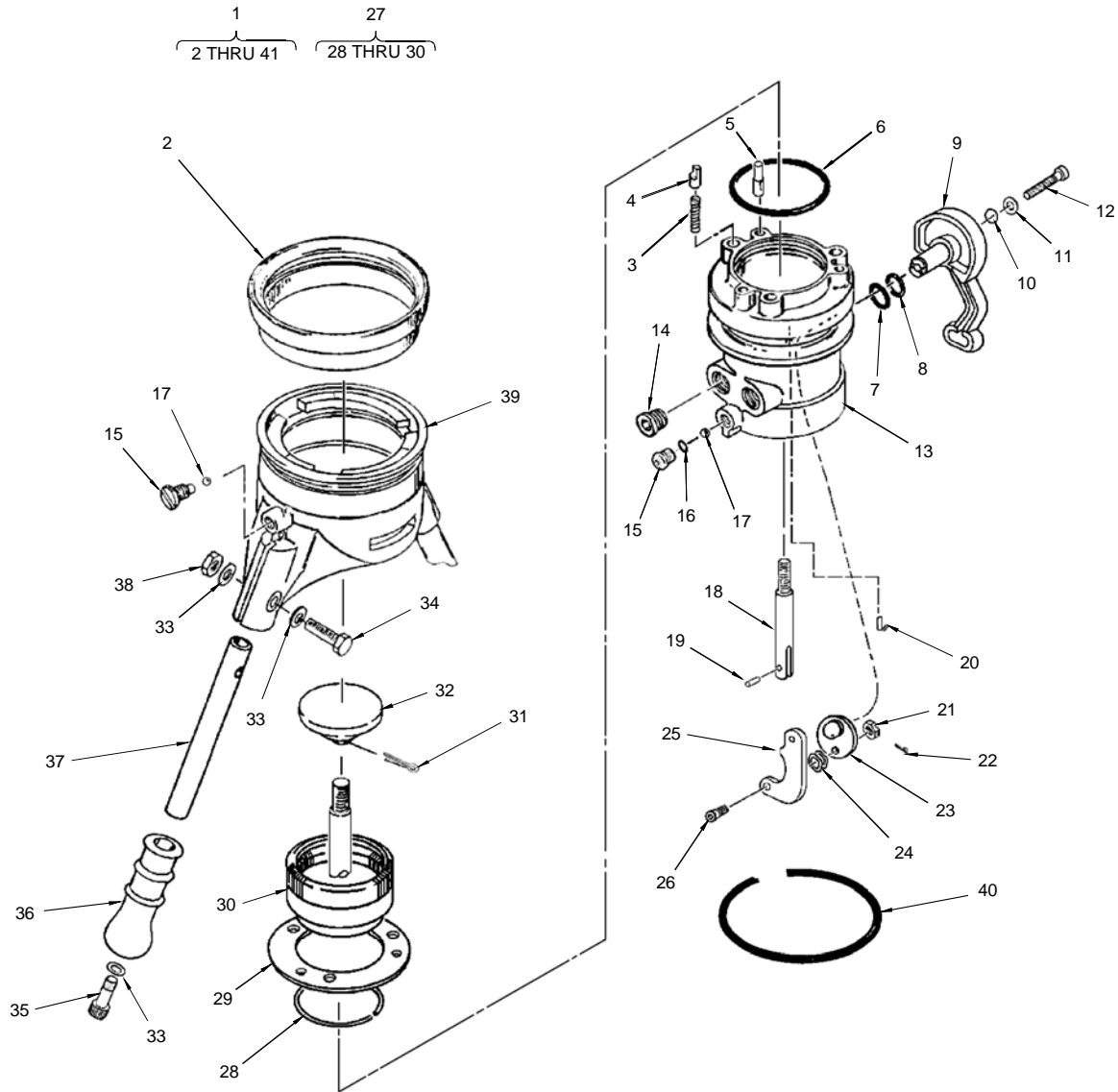


Figure 26. D-1 Nozzle Body Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 05 NOZZLE KIT						
FIGURE 26. D-1 NOZZLE BODY ASSEMBLY						
1	XDFZZ		ODT23	64349C	D-1 NOZZLE BODY ASSEMBLY	1
2	PAFZZ	4930-00-848-1310	ODT23	23622	. BUMPER, COLLAR, FUEL	1
3	PAFZZ	5360-00-155-5099	ODT23	20909	. SPRING, HELICAL, COMP	3
4	PAFZZ	5315-01-385-5535	ODT23	220272	. PIN, COLLAR LOCK	3
5	PAFZZ	4930-01-053-0194	ODT23	24780	. PIN, INDEX	3
6	KFFZZ	5330-01-010-2419	81349	M25988/1-145	. O-RING PART OF KIT P/N KD64349-1	1
7	KFFZZ		ODT23	207792	. O-RING PART OF KIT P/N KD64349-1	1
8	KFFZZ	5330-00-833-4210	96906	MS28774-017	. RETAINER, PACKING, PART OF KIT P/N KD64349-1	1
9	PAFZZ	4930-01-481-5540	ODT23	220878-1	. LEVER, ASSEMBLY, MANU	1
10	KFFZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64349-1	1
11	XDFZZ		ODT23	5710-54-60	. WASHER	1
12	PAFZZ	5805-00-978-9388	96906	MS16997-69	. SCREW, PART OF KIT P/N KD64349-1	1
13	PAFZZ	4930-01-244-8043	ODT23	207784	. BODY, NOZZLE, FUEL	1
14	PAFZZ	4730-01-413-2614	ODT23	210388	. PLUG	1
15	KFFZZ	5305-01-459-4210	ODT23	220484	. SCREW, PAN HEAD, PART OF KIT P/N KD64349-1	2
16	KFFZZ	5331-00-263-8011	96906	MS29512-03	. O-RING, PART OF KIT P/N KD64349-1	1
17	XDFZZ	3110-01-247-1056	ODT23	221075	. BALL BEARING	39
18	PAFZZ	3040-01-385-8986	ODT23	210368	. SHAFT, STRAIGHT	1
19	PAFZZ	5315-01-341-8766	ODT23	D9-437	. DOWELL PIN	1
20	KFFZZ	5360-01-246-2501	ODT23	209853	. CLIP, PART OF KIT P/N KD64349-1	1
21	PAFZZ	5310-00-721-4434	88044	AN320C4	. NUT, CASTELLATED	1
22	KFFZZ	5315-01-025-4510	96906	MS24665-1013	. PIN, COTTER, PART OF KIT P/N KD64349-1	1
23	XDFZZ		ODT23	220878-3	. CRANK	1
24	XDFZZ		ODT23	5806-21-3	. WASHER, WAVE	2
25	PAFZZ	3040-01-430-2606	ODT23	207795	. LINK	1
26	XDOZZ		ODT23	220886	. PIN, CRANK	1
27	PAFZZ	4930-01-385-9488	ODT23	47058	. NOSE SEAL ASSEMBLY	1
28	PAFZZ	5340-01-053-0192	ODT23	24636	. SNAP RING	1
29	PAFZZ	3110-01-385-3438	ODT23	220271	. PLATE, RETAINING, BEA	1
30	KFFZZ	5330-01-264-0134	ODT23	209029	. SEAL, PLAIN, PART OF KIT P/N KD64349-1	1
31	PAFZZ	5315-00-234-1864	96906	MS24665-302	. PIN, COTTER, PART OF KIT P/N KD 64349-1	1
32	PAFZZ	4820-01-385-8903	ODT23	210593	. POPPET	1
33	XDOZZ	5310-00-141-1795	88044	AN960-416	. WASHER, FLAT	6
34	XDOZZ	5306-00-151-1421	88044	AN4-13A	. BOLT, MACHINE	2
35	XDOZZ		96906	MS16997-78L	. CAP SCREW	2
36	PAOZZ	5340-01-324-0954	ODT23	207808	. GRIP	2
37	PAOZZ	5340-01-415-1292	ODT23	210600	. HANDLE	2
38	XDOZZ		96906	MS21042-4	. NUT	2
39	PAFZZ	4930-01-385-9453	ODT23	220269	. COLLAR, NOZZLE	1
40	KFFZZ	5330-01-007-4899	81349	M25988/1-235	. O-RING, PART OF KIT P/N KD64349-1	
	PCFZZ		ODT23	KD64349-1	KIT, REPAIR PARTS	1
				O-RING (1)	26-6	
				O-RING (1)	26-7	
				RETAINER, PACKING (1)	26-8	
				O-RING (1)	26-10	
				SCREW (1)	26-12	
				SCREW (1)	26-15	
				O-RING (1)	26-16	
				CLIP (1)	26-20	
				PIN, COTTER (1)	26-22	
				SEAL (1)	26-30	
				PIN, COTTER (1)	26-31	
				O-RING (1)	26-40	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 CCR NOZZLE ASSEMBLY
 REPAIR PARTS LIST**

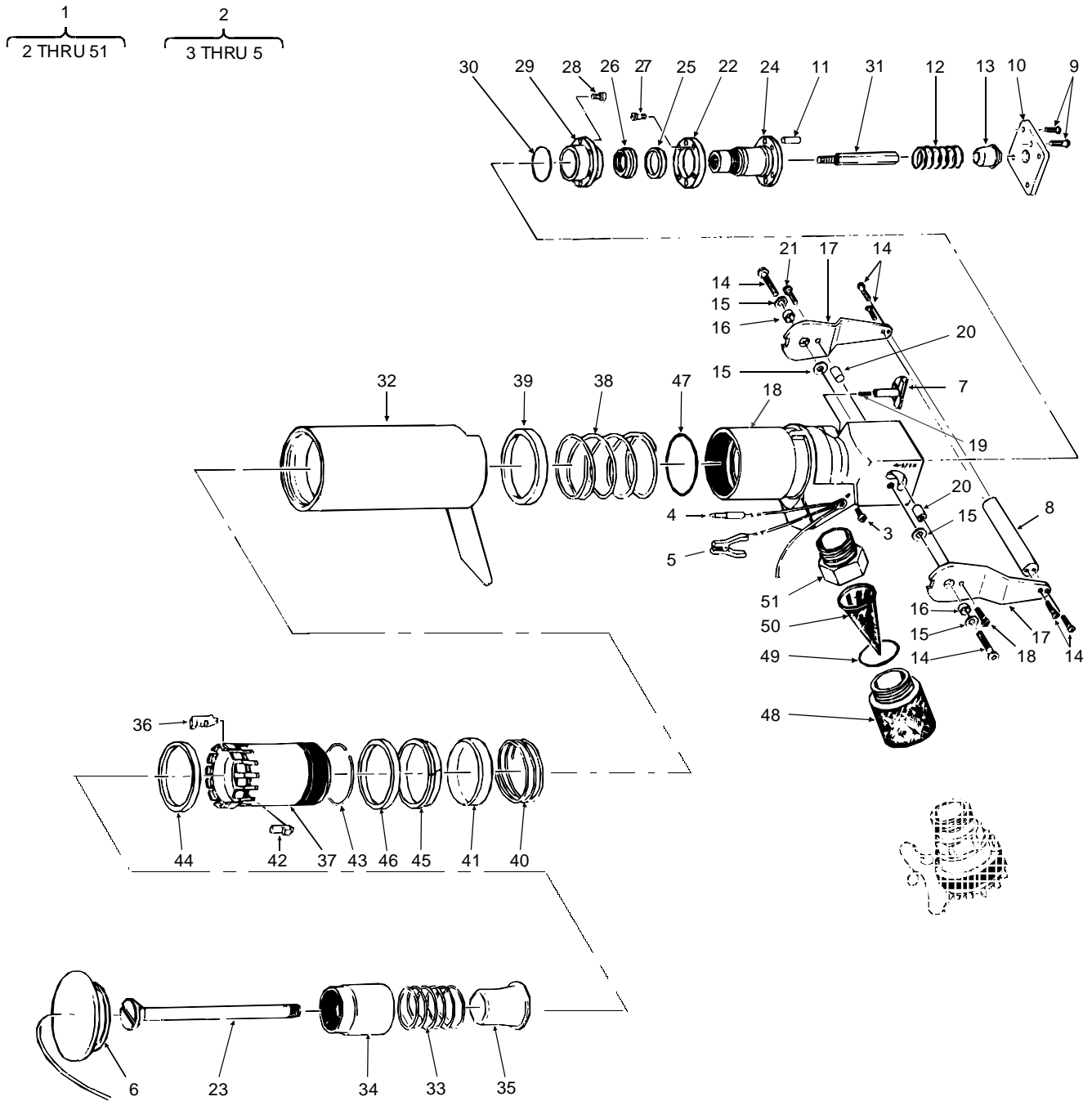


Figure 27. CCR Nozzle Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 05 NOZZLE KIT						
FIGURE 27. CCR NOZZLE ASSEMBLY						
1	PAOFF	4930-01-383-9467	0DT23	64017B	NOZZLE ASSEMBLY, CCR	1
2	XDOZZ	6150-01-392-0442	0DT23	47028	. BONDING CABLE ASSEMBLY	1
3	PAOZZ	5305-00-983-6659	96906	MS16998-42	. . SCREW.....	1
4	XDOZZ		0DT23	47030	. . PLUG, CABLE ASSEMBLY.....	1
5	XDOZZ		0DT23	47029	. . CLIP, CABLE ASSEMBLY.....	1
6	XDOZZ		0DT23	47025-1	. . DUST CAP ASSEMBLY, TAN.....	1
7	XDOZZ		0DT23	220202	. VALVE LATCH ACTUATOR.....	1
8	XDOZZ		0DT23	220095-1	. HANDLE, TAN.....	1
9	XDOZZ	5305-00-185-0713	03038	LP51958-64	. SCREW.....	9
10	XDOZZ		0DT23	220086-1	. END COVER, TAN.....	1
11	XDOZZ		0DT23	220111	. LOCK PIN.....	1
12	XDOZZ		0DT23	220113	. SPRING.....	1
13	XDOZZ		0DT23	220097	. REDUCER SPRING RETAINER.....	1
14	XDOZZ		03038	LP51957-108	. SCREW.....	2
15	XDOZZ		0DT23	5710-179-60	. WASHER.....	4
16	KFOZZ		0DT23	220101	. BUSHING, PART OF KIT P/N KD64017-7	2
17	XDOZZ		0DT23	220090-1	. SIDE PLATE HANDLE, TAN.....	2
18	XDOZZ		0DT23	220078-1	. HOUSING, TAN.....	1
19	XDOZZ	5360-01-089-8147	92830	C0180-026-1000S	. SPRING.....	1
20	XDOZZ		0DT23	220109	. ACTUATING CAM.....	2
21	XDOZZ	5305-01-084-5397	96906	MS16998-42L	. SCREW.....	2
22	XDOZZ		0DT23	220769	. VALVE ACTUATING RING	1
23	XDOZZ		0DT23	220088	. POPPET	1
24	KFOZZ		0DT23	220768	. PISTON.....	1
25	KFOZZ		0DT23	415MC-212-GC	. SEAL, PART OF KIT P/N KD64017-7	1
26	KFOZZ		0DT23	220777	. NUT	1
27	KFOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW.....	4
28	XDOZZ	5305-00-032-3692	96906	MS16997-21L	. SCREW.....	61
29	KFOZZ		0DT23	220767	. SLEEVE.....	1
30	KFOZZ	5331-00-265-1089	96906	MS29513-125	. O-RING, PART OF KIT P/N KD64017-7	1
31	XDOZZ		0DT23	220160	. POSITION INDICATOR.....	3
32	XDOZZ		0DT23	220081-1	. COLLAR, TAN.....	3
33	XDOZZ		0DT23	220112	. SPRING.....	1
34	KFOZZ		0DT23	220083-1	. SLEEVE SEAL, PART OF KIT P/N KD64017-7	3
35	XDOZZ		0DT23	220326	. FLOW GUIDE.....	1
36	XDOZZ		0DT23	220093	. LOCKING LUG.....	9
37	XDOZZ		0DT23	220080	. BODY	1
38	XDOZZ		0DT23	220114	. SPRING.....	1
39	XDOZZ		0DT23	220096	. SPRING RETAINER RING	1
40	XDOZZ		0DT23	220103	. SPRING.....	1
41	XDOZZ		0DT23	220099	. LUG RETAINER RING.....	1
42	XDOZZ		0DT23	220104	. STAYBACK DETENT	3
43	XDOZZ		0DT23	220100	. LUG WIRE.....	1
44	KFOZZ		0DT23	220094-1	. WIPER SEAL.....	1
45	KFOZZ		0DT23	220778	. RING, BACKUP, PART OF KIT P/N KD64017-7	1
46	KFOZZ		0DT23	220779	. SEAL, TEFLON, PART OF KIT P/N KD64017-7	1
47	KFOZZ	5331-00-291-7295	96906	MS29513-136	. PACKING, PREFORMED, PART OF KIT P/N KD64017-7	1
48	XDOZZ		0DT23	220121-1	. STRAINER BODY, TAN.....	1
49	KFOZZ	5331-00-263-5173	96906	MS29513-226	. PACKING, PREFORMED, PART OF KIT P/N KD64017-7	1
50	PAOZZ	4730-01-414-7864	0DT23	220122-100	. STRAINER	1
51	XDOZZ		0DT23	220120-1	. STRAINER HOUSING, TAN.....	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
	PAOZZ	4930-01-515-4057	0DT23	KD64017-7	KIT, REPAIR PARTS.....	V
					BUSHING	(2) 27-16
					PACKING, PREFORM	(1) 27-30
					PACKING, PREFORM	(1) 27-49
					PACKING, PREFORM	(1) 27-47
					RING, BACKUP	(1) 27-45
					SEAL	(1) 27-25
					SEAL, TEFLON	(1) 27-46
					SLEEVE, SEAL	(1) 27-34
					WIPER SEAL	(1) 27-44
					END OF FIGURE	

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH, NON-VALVED UNISEX COUPLING
 REPAIR PARTS LIST**

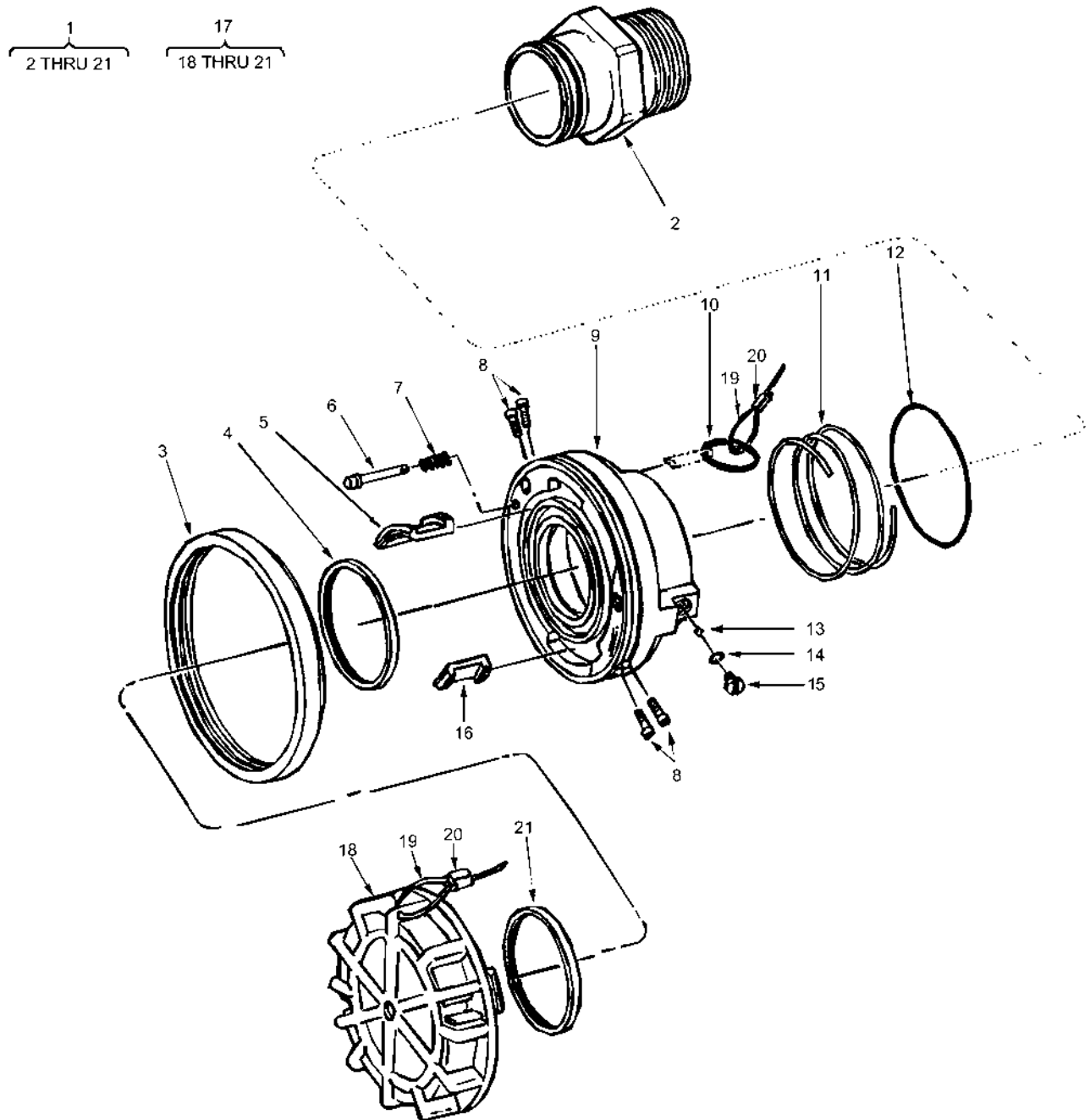


Figure 28. 2-Inch, Non-Valved Unisex Coupling

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 05 CCR NOZZLE ASSEMBLY						
FIGURE 28. 2-INCH, NON-VALVED UNISEX COUPLING						
1	PAOOO	4730-01-424-0896	ODT23	64019J	COUPLING, UNISEX, 2", NON-VALVED	1
2	XDOZZ		ODT23	220141-2	. INLET, MALE NPT, 2-INCH	1
3	PAOZZ	2510-01-456-7850	ODT23	220161	. BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PART OF KIT P/N KD64019-1	1
5	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
6	PAOZZ	5315-01-490-5799	ODT23	220148	. PIN, LOCKOUT	1
7	PAOZZ	5360-01-490-5798	ODT23	220301	. SPRING	1
8	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW.....	4
9	XAOZZ		ODT23	220164-1	. BODY	1
10	PAOZZ	5340-01-499-9060	60808	8K1	. RING.....	1
11	PAOZZ	5360-01-499-7195	ODT23	220330	. SPRING	1
12	KFOZZ	5331-00-291-7337	96906	MS29513-228	. PACKING, PREFORMED PART OF KIT P/N KD64019-1	1
13	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL.....	41
14	PCOZZ	5331-00-248-3835	96906	MS29513-010	. PACKING, PREFORMED	1
15	KFOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, PART OF KIT P/N KD64019-1	1
16	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT	1
17	PAOOO	2910-01-456-2273	ODT23	47062	. DUST CAP ASSY.....	1
18	XDOZZ		ODT23	220162	. . CAP.....	1
19	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . CABLE	1
20	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
21	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PART OF KIT P/N KD64019-1	1
	PAOZZ	5330-01-457-1822	ODT23	KD64019-1	KIT, REPAIR PARTS SCREW, MACHINE (1) 28-15 SEAL, PLAIN (1) 28-4 SEAL, PLAIN (1) 28-21 PACKING, PREFORM (1) 28-12	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 DISCHARGE HOSE KIT PN532602
 REPAIR PARTS LIST**

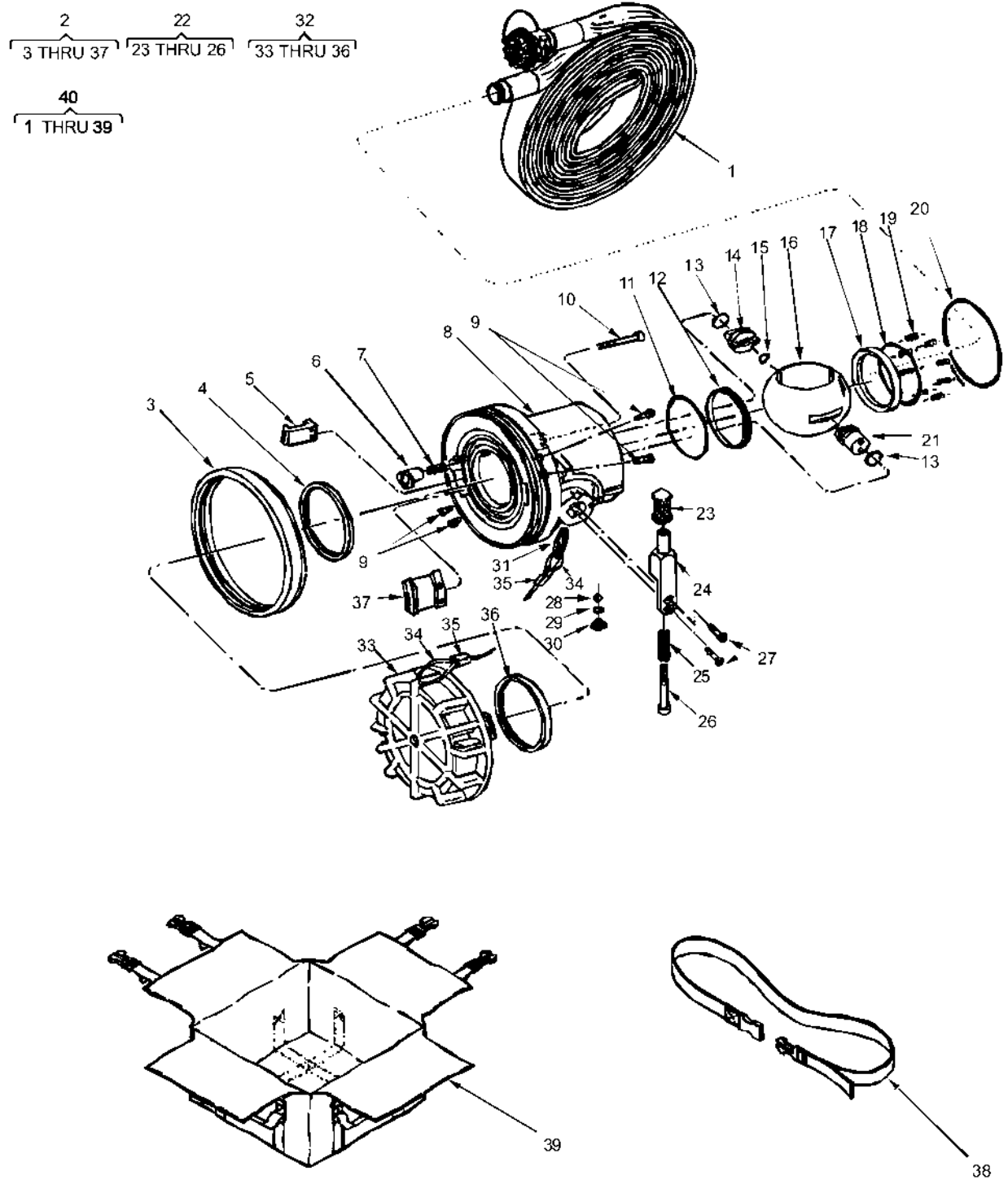


Figure 29. Discharge Hose Kit PN532602

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 06 DISCHARGE HOSE KIT PN532602						
FIGURE 29. DISCHARGE HOSE KIT PN532602						
1	PAOFF	4720-01-515-3131	ODT23	82559-4	HOSE, 2 INCH COLLAPSIBLE.....	3
2	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH.....	2
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENS.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING.....	8
20	KFOZZ	5331-00-260-9338	96906	MS29513-227	. . O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM.....	1
23	XDFZZ		ODT23	220142	. . GRIP.....	1
24	XDFZZ		ODT23	220147	. . ARM.....	1
25	XDFZZ		ODT23	220145	. . SPRING.....	1
26	XDFZZ		ODT23	220204	. . SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP, DUST.....	1
33	XDOZZ		ODT23	220162	. . CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG.....	1
38	XDOZZ		63631	532764-02	STRAP ASSEMBLY, HOSE.....	3
39	XDOZZ		63631	532615-01	BAG, FUEL SYSTEM.....	1
40	PDOFF	4720-01-517-1423	63631	532602-01-01	DISCHARGE HOSE KIT.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 29-4
					O-RING	(1) 29-11
					SEAL, PLAIN	(1) 29-12
					O-RING	(2) 29-13
					SEAL, PLAIN	(1) 29-17
					O-RING	(1) 29-18
					O-RING	(1) 29-20
					O-RING	(1) 29-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 DISCHARGE HOSE KIT PN 532606
 REPAIR PARTS LIST**

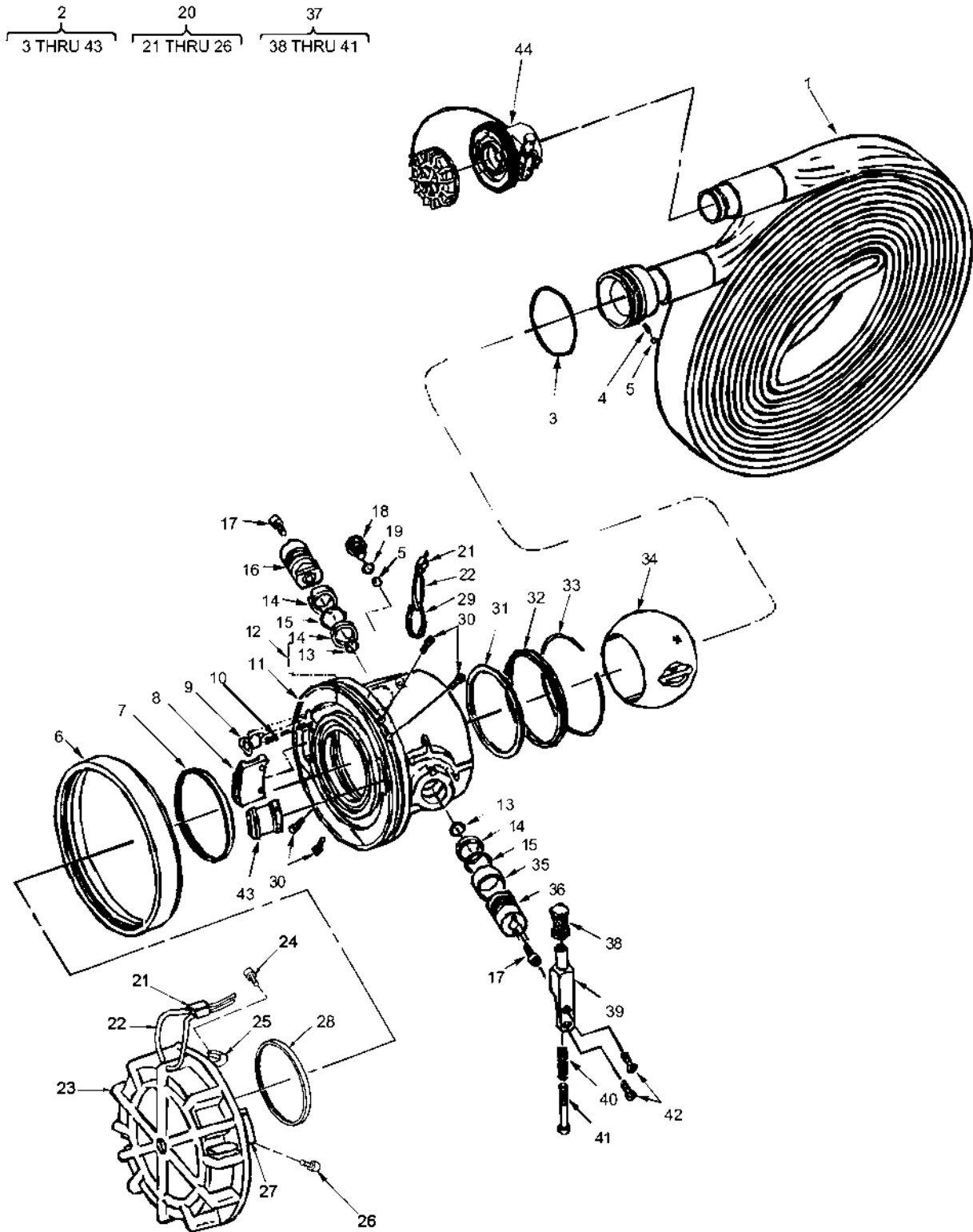


Figure 30. Discharge Hose Kit PN 532606 (Sheet 1)

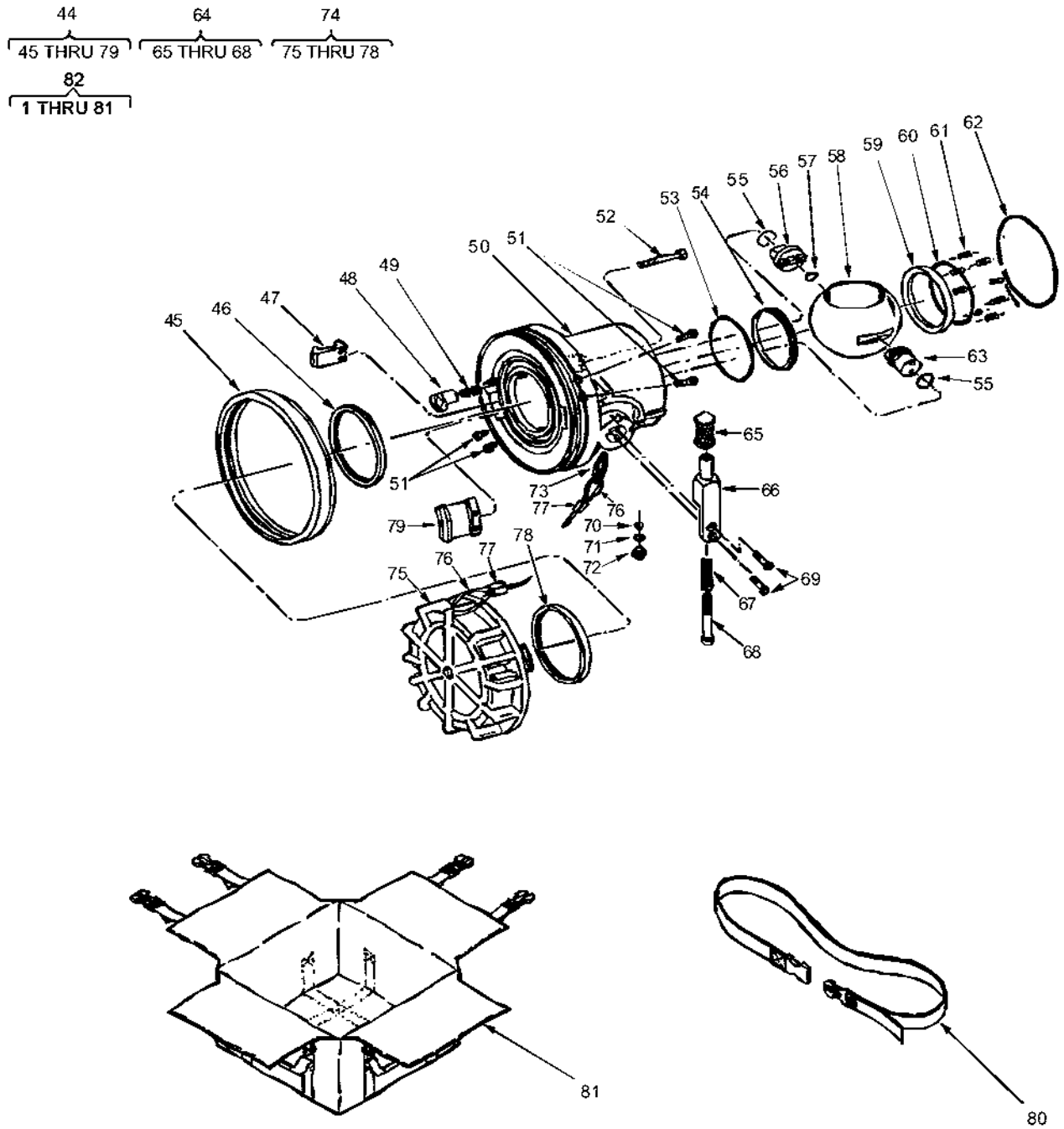


Figure 30. Discharge Hose Kit PN 532606 (Sheet 2)

(1) ITE M NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 07 DISCHARGE HOSE KIT PN532606						
FIGURE 30. DISCHARGE HOSE KIT PN532606						
1	PAOFF	4720-01-515-3156	62913	163030FN1200	HOSE, 3 INCH (3 X 2) X 100 FT.....	1
2	XAOFF		0DT23	64031	. COUPLING, UNISEX, 3 INCH.....	1
3	PCOZZ	5331-00-251-9367	96906	MS29513-234	.. O-RING.....	1
4	XDOZZ	5360-01-461-5852	0DT23	220153	.. SPRING.....	1
5	PAOZZ	3110-01-504-8557	0DT23	220265	.. BALL.....	42
6	PAOZZ	2910-01-456-2274	0DT23	220468	.. CAP, BUMPER.....	1
7	PAOZZ	5330-01-460-8998	0DT23	220467	.. SEAL, 3", UNISEX.....	1
8	XDOZZ	5340-01-458-5522	0DT23	220800-1	.. CLAMP, SYNCHRO.....	1
9	PAFZZ	5315-01-457-0306	0DT23	220457	.. PIN, QUICK RELEASE.....	1
10	PAFZZ		0DT23	LC030D-8	.. SPRING, HELICAL.....	1
11	XAFZZ		0DT23	220429-1	.. HOUSING, TAN.....	1
12	XDFZZ		0DT23	0.941X1.000LDP	.. PIN, SPRING.....	1
13	PCFZZ	5331-00-248-3834	96906	MS29513-009	.. O-RING.....	2
14	XDFZZ		0DT23	220464	.. BUSHING, SLEEVE.....	3
15	PCFZZ	5331-00-248-3845	96906	MS29513-016	.. O-RING.....	2
16	XDFZZ		0DT23	220432	.. CONTROL, SHAFT ASSEM.....	1
17	PAFZZ	5305-01-210-1648	96906	MS16997-32L	.. SCREW, CAP, SOCKET HE.....	2
18	PAOZZ	5305-01-459-4210	0DT23	220484	.. SCREW, CAP.....	1
19	PCFZZ	5331-00-263-8011	96906	MS29512-03	.. O-RING.....	1
20	XDOOO		0DT23	470121-1	.. CAP ASSEMBLY, TAN.....	1
21	XDOZZ	4030-00-431-5537	0DT23	28-2-G	.. SLEEVE.....	2
22	PAOZZ		0DT23	220201-1-20	.. ROPE, WIRE.....	1
23	XDOZZ		0DT23	220469-1	.. CAP, TAN.....	1
24	XAOZZ		96906	MS16997-20L	.. . . SCREW, CAP, SOCKET HD.....	1
25	XAOZZ		0DT23	220446-1	.. . . CLAMP, SYCHRO.....	1
26	XAOZZ		96906	MS16997-20L	.. . . SCREW, CAP, SOCKET HD.....	1
27	XAOZZ		0DT23	220446-2	.. . . CLAMP, SYCHRO.....	1
28	PAOZZ	5330-01-460-8998	0DT23	220467	.. SEAL, 3", UNISEX.....	1
29	XDOZZ	5365-01-490-5797	0DT23	220482	.. RING.....	1
30	PAOZZ	5305-01-191-4578	96906	MS16997-20L	.. SCREW, CAP, SOCKET HD.....	4
31	XDFZZ	5330-01-458-5461	0DT23	220465	.. SEAL, PLAIN.....	1
32	XDFZZ		0DT23	220459	.. RETAINER, SEAL.....	1
33	XDFZZ		0DT23	220470	.. WIRE, SEAL.....	1
34	XDFZZ		0DT23	220449	.. BALL, VALVED PORTED.....	1
35	PAFZZ	3120-01-456-3926	0DT23	220466	.. BEARING SLEEVE.....	1
36	XDFZZ		0DT23	220430	.. SHAFT, UPPER.....	1
37	PAFFF	5340-01-456-1334	0DT23	47119	.. HANDLE, MANUAL CONTR.....	1
38	XDFZZ		0DT23	220142	.. GRIP.....	1
39	XDFZZ		0DT23	220435	.. HANDLE, LEVER CONTR.....	1
40	XDFZZ		0DT23	220145	.. SPRING.....	1
41	XDFZZ		0DT23	220204	.. SCREW.....	1
42	PAFZZ	5305-00-079-5835	96906	MS24693C50	.. SCREW, MACHINE.....	2
43	XDOZZ	5340-01-458-5534	0DT23	220800-2	.. CLAMP, SYNCHRO.....	1
44	XAOFF		0DT23	64020	. COUPLING, UNISEX, 2 INCH.....	1
45	XDOZZ	2510-01-456-7850	0DT23	220161	.. CAP, BUMPER.....	1
46	KFOZZ	5330-01-433-9203	0DT23	220146	.. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
47	PAOZZ	4820-01-504-8923	0DT23	220159-2	.. LUG, SHORT.....	1
48	PAFZZ	5315-01-457-2803	0DT23	220151	.. PIN, QUICK RELEASE.....	1
49	PAFZZ	5360-01-454-1830	0DT23	220149	.. PIN, SPRING.....	1
50	XAFZZ	4820-01-503-0310	0DT23	220163-1	.. BODY, TAN.....	1
51	PAOZZ	5305-01-191-4578	96906	MS16997-20L	.. SCREW, CAP, SOCKET HE.....	4

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
52	PAFZZ	5305-01-456-1139	96906	MS16997-24L	.. SCREW	1
53	KFFZZ	5331-00-641-0119	96906	MS29513-134	.. O-RING, PART OF KIT P/N KD64020-1	1
54	KFFZZ	5330-01-456-9663	ODT23	220158	.. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
55	KFFZZ	5331-00-248-3840	96906	MS29513-014	.. O-RING, PART OF KIT P/N KD64020-1	2
56	PAFZZ	5315-01-457-3252	ODT23	220150	.. PIN, QUICK RELEASE.....	1
57	PAFZZ	5310-00-605-3789	83553	W0367-006-S	.. WASHER, SPRING TENS.....	1
58	XDFZZ	4810-01-456-7622	ODT23	220152	.. BALL, VALVED PORTED.....	1
59	KFOZZ	5330-01-456-9662	ODT23	220157	.. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
60	KFOZZ	5331-00-291-7384	96906	MS29513-133	.. O-RING, PART OF KIT P/N KD64020-1	1
61	XDOZZ	5360-01-461-5852	ODT23	220153	.. SPRING.....	8
62	KFOZZ	5331-00-291-7337	96906	MS29513-228	.. O-RING, PART OF KIT P/N KD64020-1	1
63	XDFZZ	2815-01-456-7605	ODT23	220154	.. CONTROL SHAFT ASSEM.....	1
64	PAFFF	5340-01-458-8470	ODT23	47085	.. HANDLE, MANUAL ASSEM.....	1
65	XDFZZ		ODT23	220142	.. GRIP.....	1
66	XDFZZ		ODT23	220147	.. ARM.....	1
67	XDFZZ		ODT23	220145	.. SPRING.....	1
68	XDFZZ		ODT23	220204	.. SCREW	1
69	PAFZZ	5305-00-079-5835	96906	MS24693C50	.. SCREW, MACHINE	2
70	PAOZZ	3110-01-504-8557	ODT23	220265	.. BALL	41
71	KFOZZ	5331-00-248-3835	96906	MS29513-010	.. O-RING, PART OF KIT P/N KD64020-1	1
72	PAOZZ	5305-00-988-1720	96906	MS35206-276	.. SCREW, MACHINE	1
73	XDOZZ	5365-01-490-5797	ODT23	220482	.. RING	1
74	PAOOO	2910-01-456-2273	ODT23	47062	.. CAP ASSEMBLY, DUST	1
75	XDOZZ		ODT23	220162	.. CAP.....	1
76	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	.. WIRE ROPE.....	1
77	XDOZZ	4030-00-431-5537	76691	28-2-G	.. SLEEVE.....	2
78	PCOZZ	5330-01-433-9203	ODT23	220146	.. SEAL.....	1
79	PAOZZ	4820-01-503-0710	ODT23	220159-1	.. LUG, LONG.....	1
80	XDOZZ		63631	532765-01	STRAP ASSEMBLY, HOSE.....	2
81	XDOZZ		63631	532615-05	BAG, FUEL SYSTEM	1
82	PDOFF	4720-01-517-1438	63631	532606-01-01	DISCHARGE HOSE KIT	1
	PCOZZ	5430-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN (1) 30-46	
					O-RING (1) 30-53	
					SEAL, PLAIN (1) 30-54	
					O-RING (2) 30-55	
					SEAL, PLAIN (1) 30-59	
					O-RING (1) 30-60	
					O-RING (1) 30-62	
					O-RING (1) 30-71	

END OF FIGURE

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 DISCHARGE HOSE KIT PN532603
 REPAIR PARTS LIST**

2
┌ 3 THRU 37
22
┌ 23 THRU 26
32
┌ 33 THRU 36

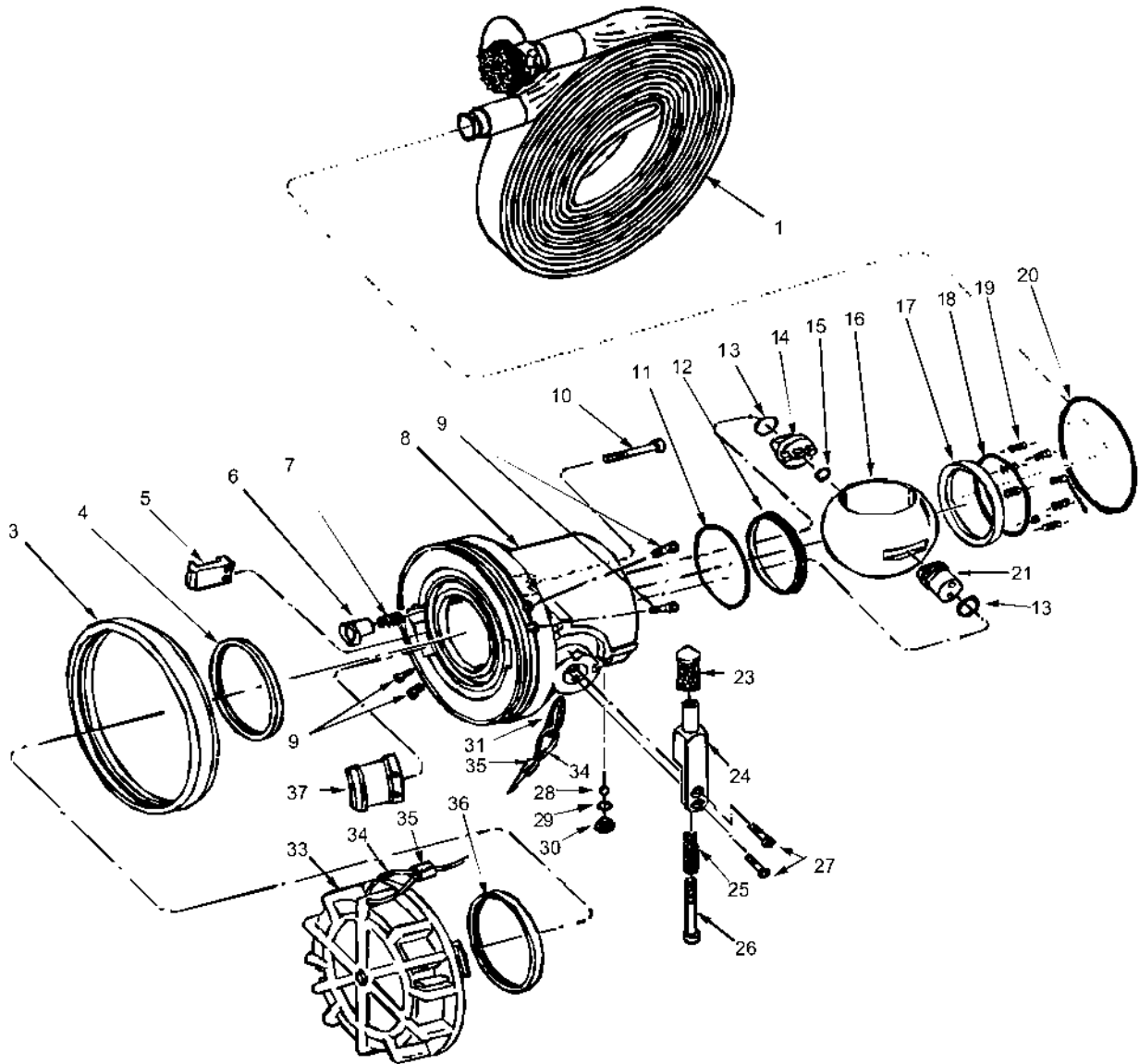


Figure 31. Discharge Hose Kit PN532603 (Sheet 1)

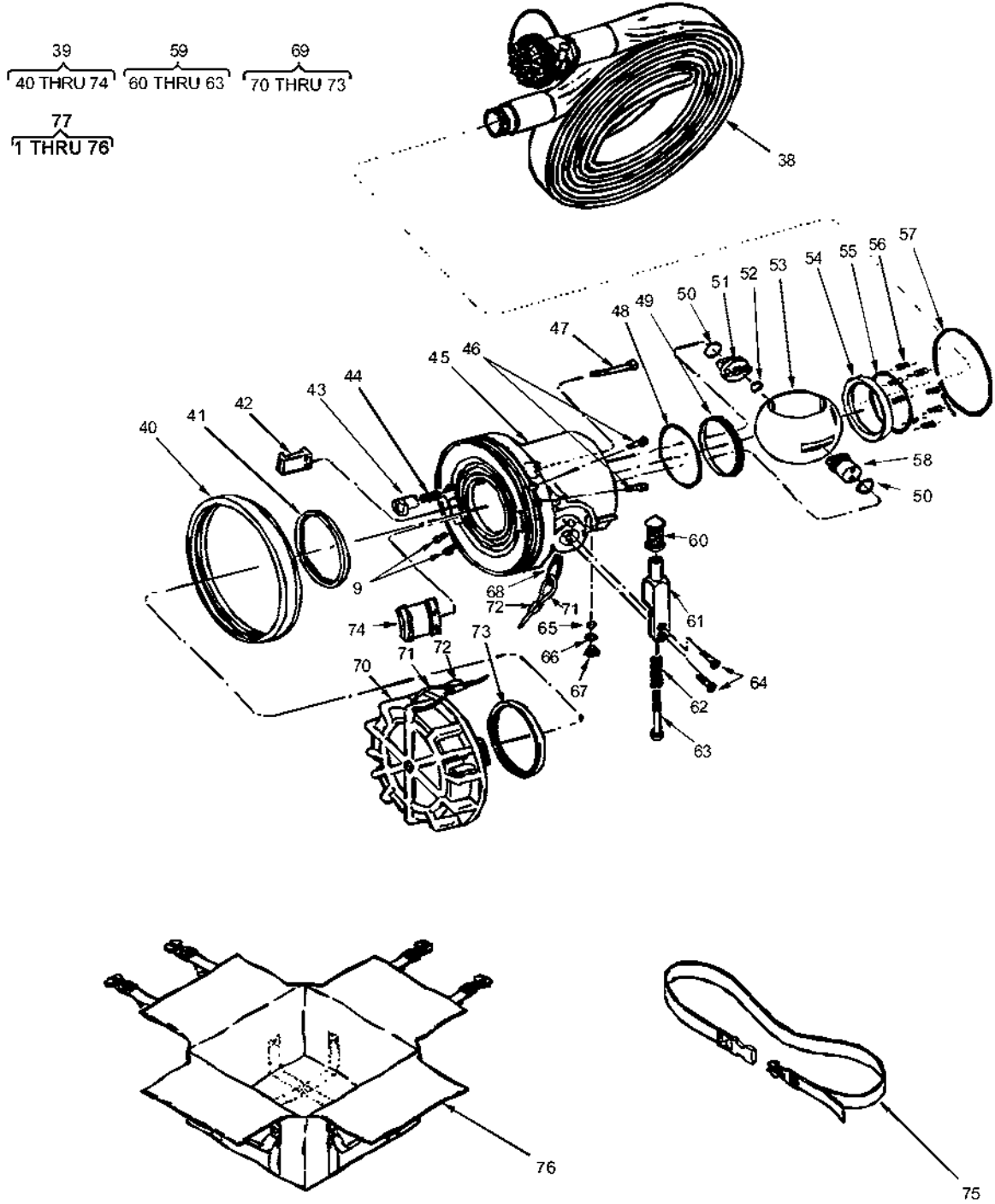


Figure 31. Discharge Hose Kit PN532603 (Sheet 2)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 06 DISCHARGE HOSE KIT PN532603						
FIGURE 31. DISCHARGE HOSE KIT PN532603						
1	PAOFF		63631	532705-02	HOSE, 2 INCH COLLAPSIBLE, 50 FT.	3
2	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH	2
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	XDOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENSI	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. . O-RING, PART OF KIT P/N KD64020-1	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM	1
23	XDFZZ		ODT23	220142	. . GRIP	1
24	XDFZZ		ODT23	220147	. . ARM	1
25	XDFZZ		ODT23	220145	. . SPRING	1
26	XDFZZ		ODT23	220204	. . SCREW	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP ASSY, DUST	1
33	XDOZZ		ODT23	220162	. . CAP	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG	1
38	PAOFF	4720-01-515-3130	ODT23	82559-5	HOSE, 2 INCH COLLAPSIBLE, 12 FT.	3
39	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH	2
40	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER	1
41	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
42	PAOZZ		ODT23	220159-2	. . LUG, SHORT	1
43	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE	1
44	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING	1
45	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN	1
46	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE	4
47	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW	1
48	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1	1
49	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
50	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1	2
51	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE	1
52	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENSI	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
53	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED	1
54	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
55	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1	1
56	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING.....	8
57	KFOZZ	5331-00-260-9338	96906	MS29513-227	. . O-RING, PART OF KIT P/N KD64020-1	1
58	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
59	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM.....	1
60	XDFZZ		ODT23	220142	. . GRIP	1
61	XDFZZ		ODT23	220147	. . ARM	1
62	XDFZZ		ODT23	220145	. . SPRING.....	1
63	XDFZZ		ODT23	220204	. . SCREW.....	1
64	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE.....	2
65	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	41
66	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1	1
67	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE.....	1
68	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING.....	1
69	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP, DUST.....	1
70	XDOZZ		ODT23	220162	. . CAP.....	1
71	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
72	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
73	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
74	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG	1
75	XDOZZ		63631	532764-02	STRAP ASSEMBLY, HOSE.....	3
76	XDOZZ		63631	532615-02	BAG, FUEL SYSTEM.....	1
77	PDOFF	4720-01-517-1421	63631	532603-01-01	DISCHARGE HOSE KIT	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 31-4, 41
					O-RING	(1) 31-11, 48
					SEAL, PLAIN	(1) 31-12, 49
					O-RING	(2) 31-13, 50
					SEAL, PLAIN	(1) 31-17, 54
					O-RING	(1) 31-18, 55
					O-RING	(1) 31-20, 57
					O-RING	(1) 31-29, 66

END OF FIGURE

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
DISCHARGE HOSE KIT PN532607
REPAIR PARTS LIST**

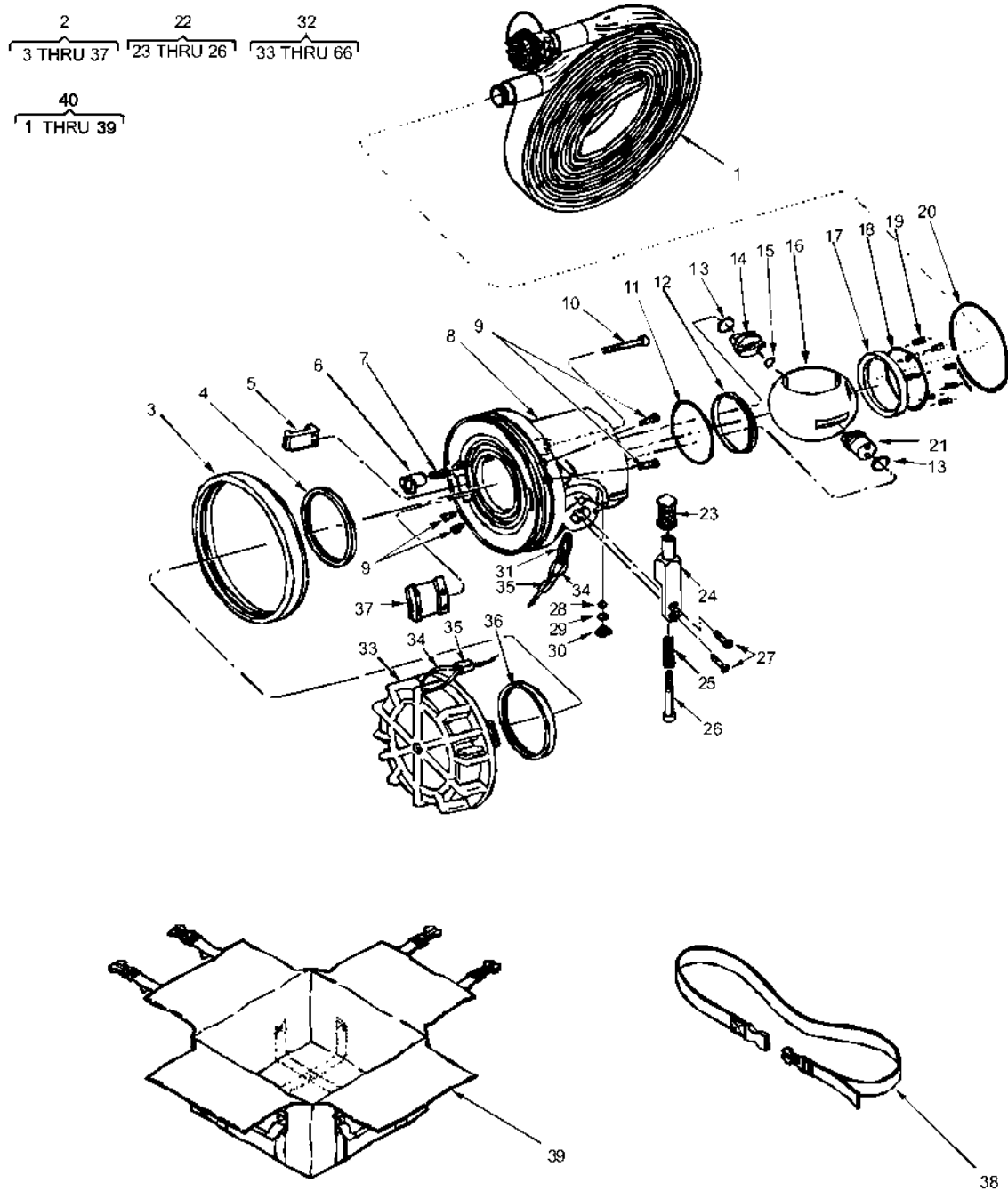


Figure 32. Discharge Hose Kit PN532607

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 06 DISCHARGE HOSE KIT PN532607						
FIGURE 32. DISCHARGE HOSE KIT PN532607						
1	PAOFF	4720-01-515-3026	62913	163030FJ1200	HOSE, 3 INCH COLLAPSIBLE 100 FT.....	3
2	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH.....	2
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENS.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
18	XFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING.....	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. . O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM.....	1
23	XDFZZ		ODT23	220142	. . GRIP.....	1
24	XDFZZ		ODT23	220147	. . ARM.....	1
25	XDFZZ		ODT23	220145	. . SPRING.....	1
26	XDFZZ		ODT23	220204	. . SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. . CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG.....	1
38	XDOZZ		63631	532764-02	STRAP ASSEMBLY, HOSE.....	3
39	XDOZZ		63631	532615-06	BAG, FUEL SYSTEM.....	1
40	PDOFF	4720-01-517-1431	63631	532607-01-01	DISCHARGE HOSE KIT.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 32-4
					O-RING	(1) 32-11
					SEAL, PLAIN	(1) 32-12
					O-RING	(2) 32-13
					SEAL, PLAIN	(1) 32-17
					O-RING	(1) 32-18
					O-RING	(1) 32-20
					O-RING	(1) 32-29
END OF FIGURE						

DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 DISCHARGE HOSE KIT PN532604
 REPAIR PARTS LIST

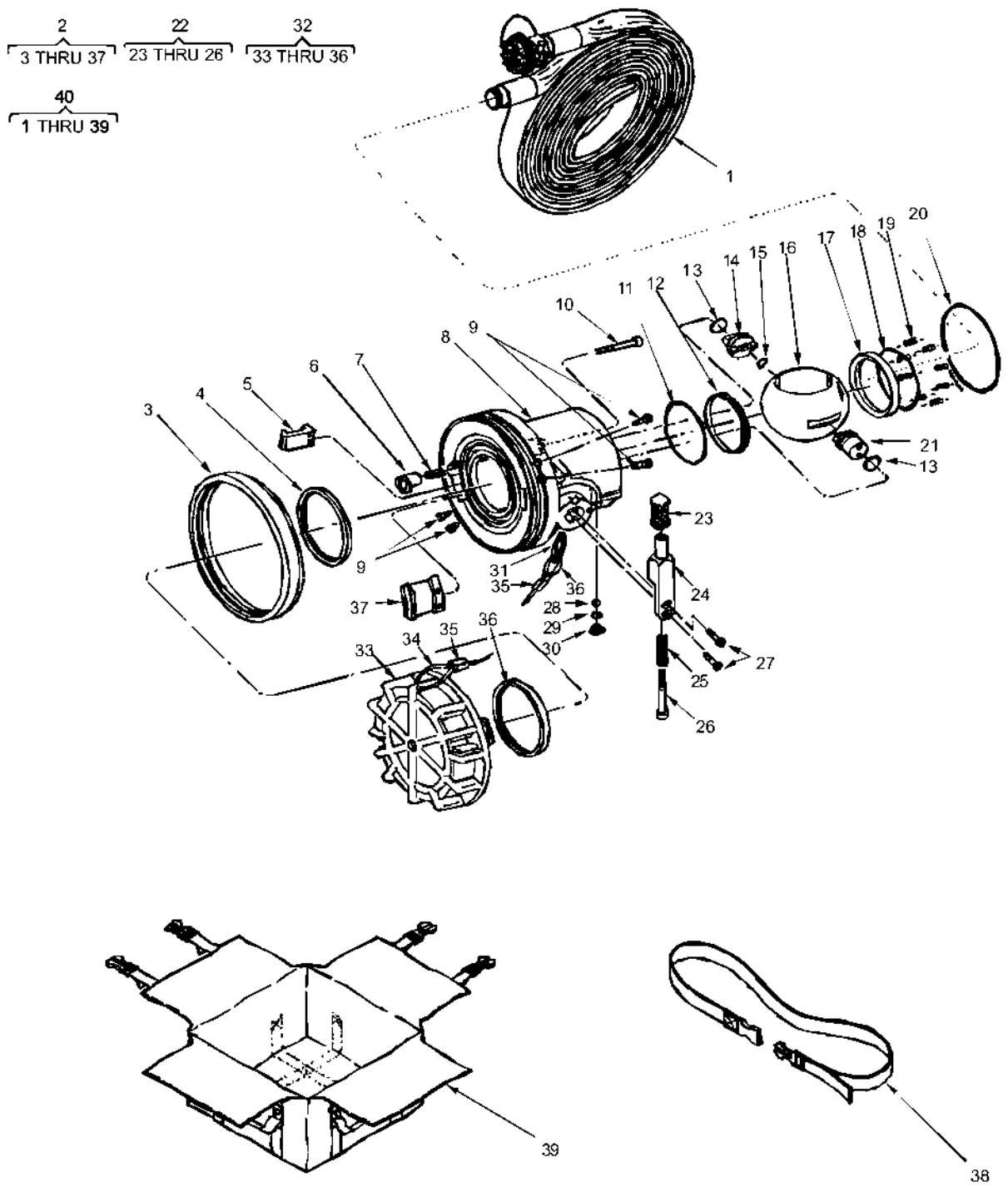


Figure 33. Discharge Hose Kit PN 532604

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 06 DISCHARGE HOSE KIT PN532604						
FIGURE 33. DISCHARGE HOSE KIT PN532604						
1	XDOFF	4720-01-515-3095	62913	163020FK1200	HOSE, 2 INCH COLLAPSIBLE.....	1
2	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH.....	2
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENS.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING.....	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. . O-RING, PART OF KIT P/N KD64020-1	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM.....	1
23	XDFZZ		ODT23	220142	. . GRIP	1
24	XDFZZ		ODT23	220147	. . ARM	1
25	XDFZZ		ODT23	220145	. . SPRING.....	1
26	XDFZZ		ODT23	220204	. . SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. . CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG	1
38	XDOZZ		63631	532764-02	STRAP ASSEMBLY, HOSE.....	2
39	XDOZZ		63631	532615-03	BAG, FUEL SYSTEM.....	1
40	PDOFF	4720-01-517-1425	63631	532604-01-01	DISCHARGE HOSE KIT.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 33-4
					O-RING	(1) 33-11
					SEAL, PLAIN	(1) 33-12
					O-RING	(2) 33-13
					SEAL, PLAIN	(1) 33-17
					O-RING	(1) 33-18
					O-RING	(1) 33-20
					O-RING	(1) 33-29
END OF FIGURE						

DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 DISCHARGE HOSE KIT PN 532605
 REPAIR PARTS LIST

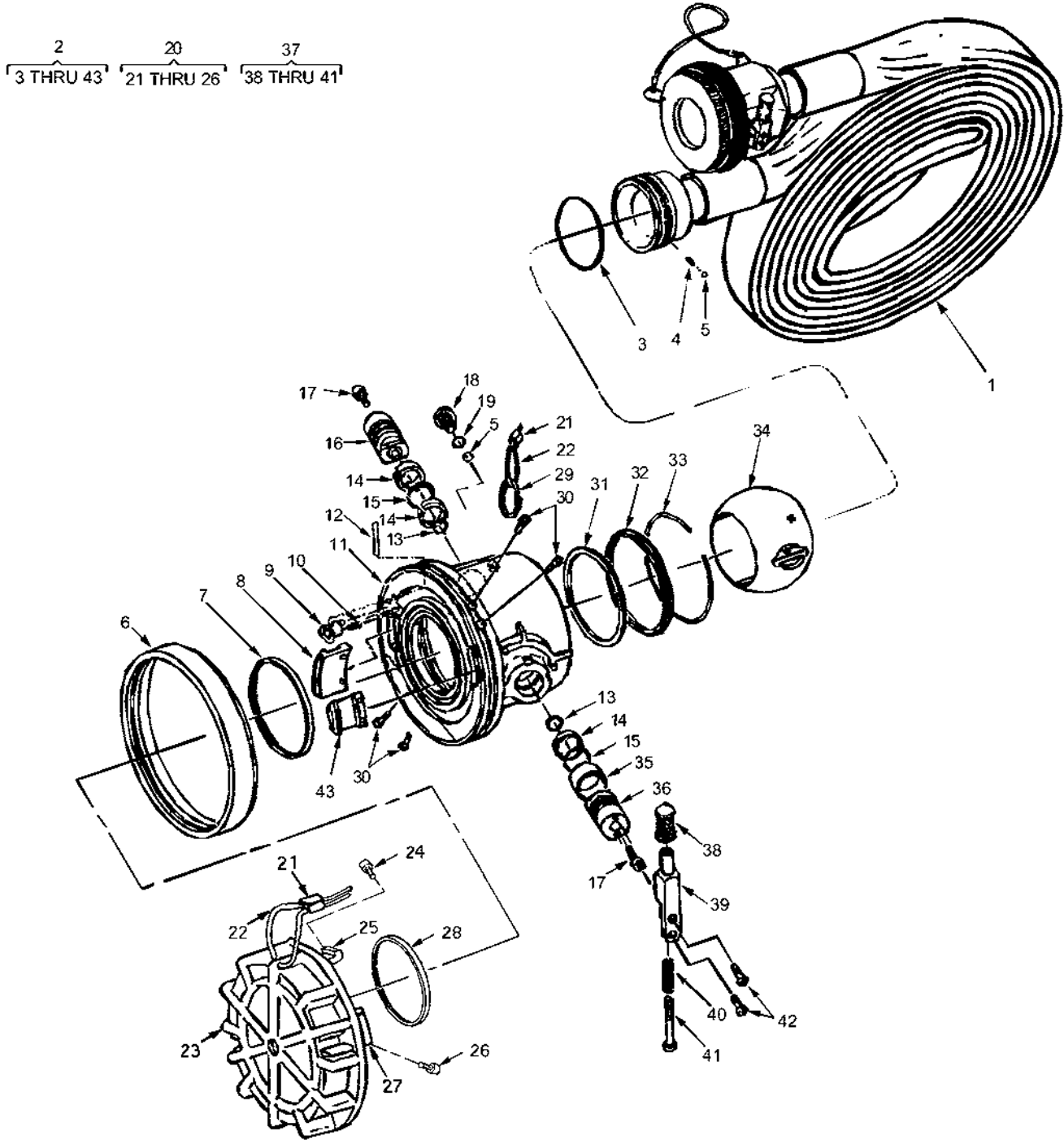


Figure 34. Discharge Hose Kit PN 532605 (Sheet 1)

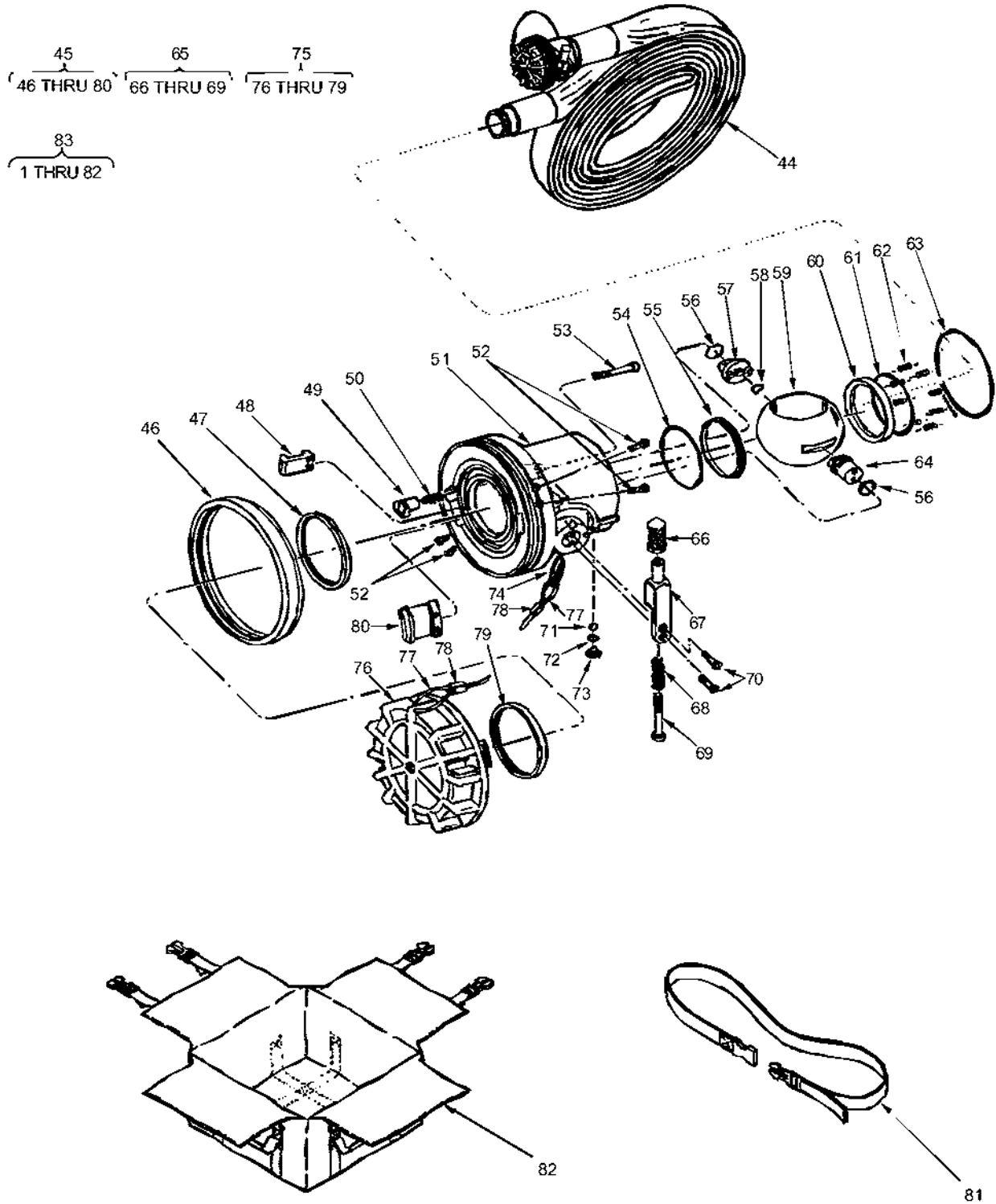


Figure 34. Discharge Hose Kit PN 532605 (Sheet 2)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 07 DISCHARGE HOSE KIT PN532605						
FIGURE 34. DISCHARGE HOSE KIT PN532605						
1	PAOFF		63631	532707-01	HOSE, 3 INCH (3 X 2) X 100 FT	1
2	XAOFF		ODT23	64031	. COUPLING, UNISEX, 3 INCH.....	1
3	PCOZZ	5331-00-251-9367	96906	MS29513-234	. . O-RING.....	1
4	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING	1
5	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	42
6	PAOZZ	2910-01-456-2274	ODT23	220468	. . CAP, BUMPER.....	1
7	PAOZZ	5330-01-460-8998	ODT23	220467	. . SEAL, 3", UNISEX	1
8	XDOZZ	5340-01-458-5522	ODT23	220800-1	. . CLAMP, SYNCHRO.....	1
9	PAFZZ	5315-01-457-0306	ODT23	220457	. . PIN, QUICK RELEASE.....	1
10	PAFZZ		ODT23	LC030D-8	. . SPRING, HELICAL.....	1
11	XAFZZ		ODT23	220429-1	. . HOUSING, TAN.....	1
12	XDFZZ		ODT23	0.941X1.000LDP	. . PIN, SPRING	1
13	PCFZZ	5331-00-248-3834	96906	MS29513-009	. . O-RING.....	2
14	XDFZZ		ODT23	220464	. . BUSHING, SLEEVE.....	3
15	PCFZZ	5331-00-248-3845	96906	MS29513-016	. . O-RING.....	2
16	XDFZZ		ODT23	220432	. . CONTROL, SHAFT ASSEM.....	1
17	PAFZZ	5305-01-210-1648	96906	MS16997-32L	. . SCREW, CAP, SOCKET HE	2
18	PAOZZ	5305-01-459-4210	ODT23	220484	. . SCREW, CAP.....	1
19	PCFZZ	5331-00-263-8011	96906	MS29512-03	. . O-RING.....	1
20	XDOOO		ODT23	470121-1	. . CAP ASSEMBLY, TAN.....	1
21	XDOZZ	4030-00-431-5537	ODT23	28-2-G	. . . SLEEVE.....	2
22	PAOZZ		ODT23	220201-1-20	. . . ROPE, WIRE	1
23	XDOZZ		ODT23	220469-1	. . . CAP, TAN.....	1
24	XAOZZ		96906	MS16997-20L	. . . . SCREW, CAP, SOCKET HD.....	1
25	XAOZZ		ODT23	220446-1	. . . . CLAMP, SYNCHRO.....	1
26	XAOZZ		96906	MS16997-20L	. . . . SCREW, CAP, SOCKET HD.....	1
27	XAOZZ		ODT23	220446-2	. . . . CLAMP, SYNCHRO.....	1
28	PAOZZ	5330-01-460-8998	ODT23	220467	. . . SEAL, 3", UNISEX	1
29	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING.....	1
30	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HD.....	4
31	XDFZZ	5330-01-458-5461	ODT23	220465	. . SEAL, PLAIN.....	1
32	XDFZZ		ODT23	220459	. . RETAINER, SEAL.....	1
33	XDFZZ		ODT23	220470	. . WIRE, SEAL.....	1
34	XDFZZ		ODT23	220449	. . BALL, VALVED PORTED.....	1
35	PAFZZ	3120-01-456-3926	ODT23	220466	. . BEARING SLEEVE.....	1
36	XDFZZ		ODT23	220430	. . SHAFT, UPPER.....	1
37	PAFFF	5340-01-456-1334	ODT23	47119	. . HANDLE, MANUAL CONTR.....	1
38	XDFZZ		ODT23	220142	. . . GRIP	1
39	XDFZZ		ODT23	220435	. . . HANDLE, LEVER CONTRO.....	1
40	XDFZZ		ODT23	220145	. . . SPRING	1
41	XDFZZ		ODT23	220204	. . . SCREW	1
42	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE	2
43	XDOZZ	5340-01-458-5534	ODT23	220800-2	. . CLAMP, SYNCHRO.....	1
44	PAOFF		63631	532705-01	HOSE, 2-INCH X 100 FT.....	1
45	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH.....	1
46	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
47	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
48	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT	1
49	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE.....	1
50	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING	1
51	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
52	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
53	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW	1
54	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1.....	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
55	KFFZZ	5330-01-456-9663	0DT23	220158	.. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
56	KFFZZ	5331-00-248-3840	96906	MS29513-014	.. O-RING, PART OF KIT P/N KD64020-1	2
57	PAFZZ	5315-01-457-3252	0DT23	220150	.. PIN, QUICK RELEASE	1
58	PAFZZ	5310-00-605-3789	83553	W0367-006-S	.. WASHER, SPRING TENSILE	1
59	XDFZZ	4810-01-456-7622	0DT23	220152	.. BALL, VALVED PORTED	1
60	KFOZZ	5330-01-456-9662	0DT23	220157	.. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
61	KFOZZ	5331-00-291-7384	96906	MS29513-133	.. O-RING, PART OF KIT P/N KD64020-1	1
62	XDOZZ	5360-01-461-5852	0DT23	220153	.. SPRING	8
63	KFOZZ	5331-00-291-7337	96906	MS29513-228	.. O-RING, PART OF KIT P/N KD64020-1	1
64	XDFZZ	2815-01-456-7605	0DT23	220154	.. CONTROL SHAFT ASSEMBLY	1
65	PAFFZ	5340-01-458-8470	0DT23	47085	.. HANDLE, MANUAL ASSEMBLY	1
66	XDFZZ		0DT23	220142	.. GRIP	1
67	XDFZZ		0DT23	220147	.. ARM	1
68	XDFZZ		0DT23	220145	.. SPRING	1
69	XDFZZ		0DT23	220204	.. SCREW	1
70	PAFZZ	5305-00-079-5835	96906	MS24693C50	.. SCREW, MACHINE	2
71	PAOZZ	3110-01-504-8557	0DT23	220265	.. BALL	41
72	KFOZZ	5331-00-248-3835	96906	MS29513-010	.. O-RING, PART OF KIT P/N KD64020-1	1
73	PAOZZ	5305-00-988-1720	96906	MS35206-276	.. SCREW, MACHINE	1
74	XDOZZ	5365-01-490-5797	0DT23	220482	.. RING	1
75	PAOOO	2910-01-456-2273	0DT23	47062	.. CAP ASSEMBLY, DUST	1
76	XDOZZ		0DT23	220162	.. CAP	1
77	PAOZZ	4010-01-461-0033	0DT23	220201-1-18	.. WIRE ROPE	1
78	XDOZZ	4030-00-431-5537	76691	28-2-G	.. SLEEVE	2
79	PCOZZ	5330-01-433-9203	0DT23	220146	.. SEAL	1
80	PAOZZ	4820-01-503-0710	0DT23	220159-1	.. LUG, LONG	1
81	XDOZZ		63631	532764-02	STRAP ASSEMBLY, HOSE	2
82	XDOZZ		63631	532615-04	BAG, FUEL SYSTEM	1
83	PDOFF	4720-01-517-1435	63631	532605-01-01	DISCHARGE HOSE KIT	1
	PCOZZ	5430-01-458-5113	0DT23	KD64020-1	KIT, REPAIR PARTS	
				SEAL, PLAIN	(1) 34-47	
				O-RING	(1) 34-54	
				SEAL, PLAIN	(1) 34-55	
				O-RING	(2) 34-56	
				SEAL, PLAIN	(1) 34-60	
				O-RING	(1) 34-61	
				O-RING	(1) 34-63	
				O-RING	(1) 34-72	

END OF FIGURE

DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 SUCTION HOSE KIT PN 532601
 REPAIR PARTS LIST

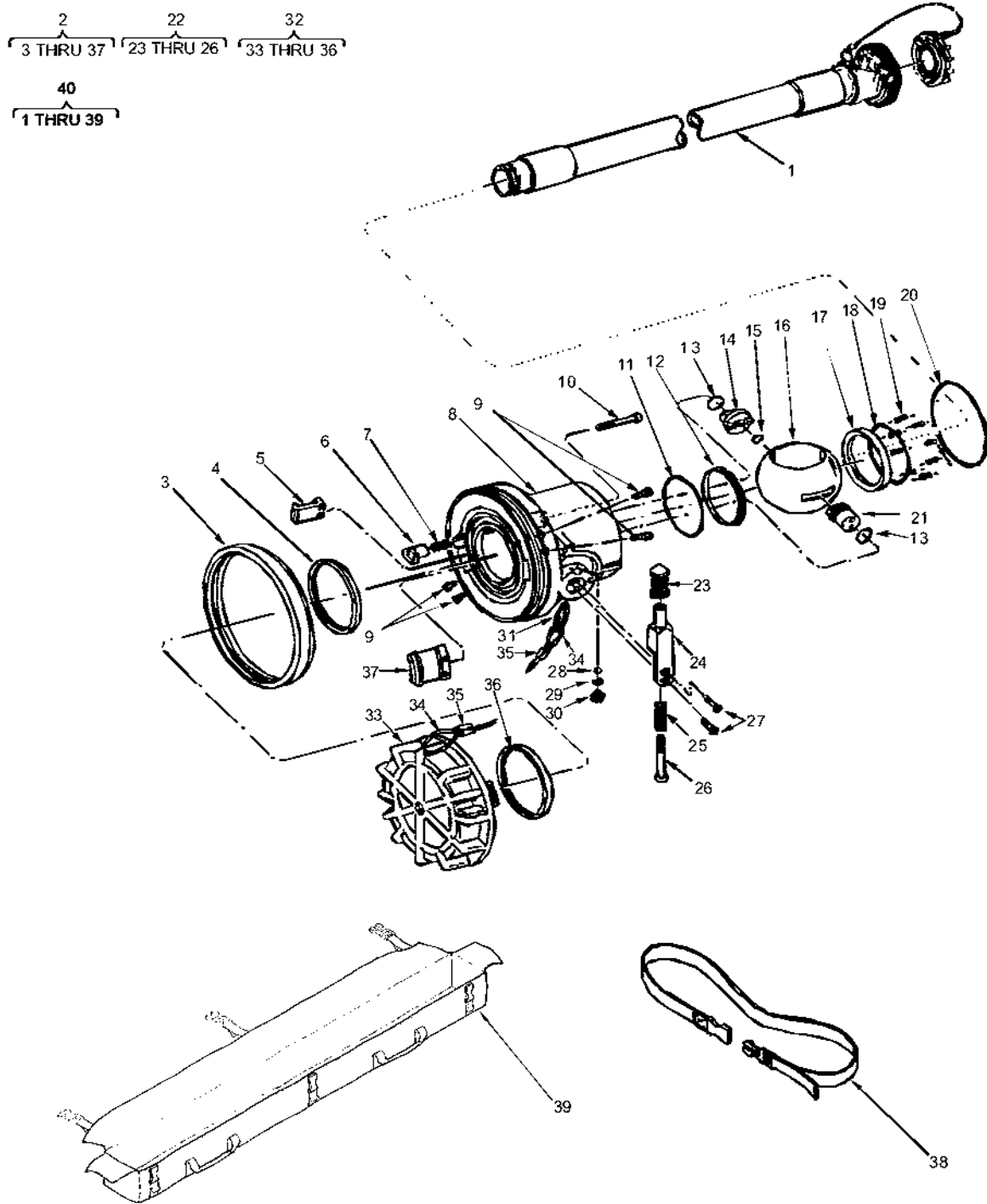


Figure 35. Suction Hose Kit PN 532601

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 12 SUCTION HOSE KIT						
FIGURE 35. SUCTION HOSE KIT PN 532601						
1	PAOFF	4720-01-515-3533	ODT23	82557-2	HOSE, 2 INCH, NON-COLLAPSIBLE.....	5
2	XAOFF		ODT23	64020	. COUPLING, UNISEX, 2 INCH.....	2
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENSIL.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING.....	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. . O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM.....	1
23	XDFZZ		ODT23	220142	. . GRIP.....	1
24	XDFZZ		ODT23	220147	. . ARM.....	1
25	XDFZZ		ODT23	220145	. . SPRING.....	1
26	XDFZZ		ODT23	220204	. . SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE.....	2
28	PAOZZ		ODT23	220265	. . BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP, DUST.....	1
33	XDOZZ		ODT23	220162	. . CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG.....	1
38	XDOZZ		63631	532765-01	STRAP ASSEMBLY, HOSES.....	2
39	XDOZZ		63631	532615-07	BAG, FUEL SYSTEM.....	1
40	PDOFF	4720-01-517-1452	63631	532601-01-01	SUCTION HOSE KIT.....	2
	PCOZZ	5330-01-488-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 35-4
					O-RING	(1) 35-11
					SEAL, PLAIN	(1) 35-12
					O-RING	(2) 35-13
					SEAL, PLAIN	(1) 35-17
					O-RING	(1) 35-18
					O-RING	(1) 35-20
					O-RING	(1) 35-29
END OF FIGURE						

UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
DRUM/DISCHARGE FITTING KIT PN 532612-01-01
REPAIR PARTS LIST

1
2 THRU 3

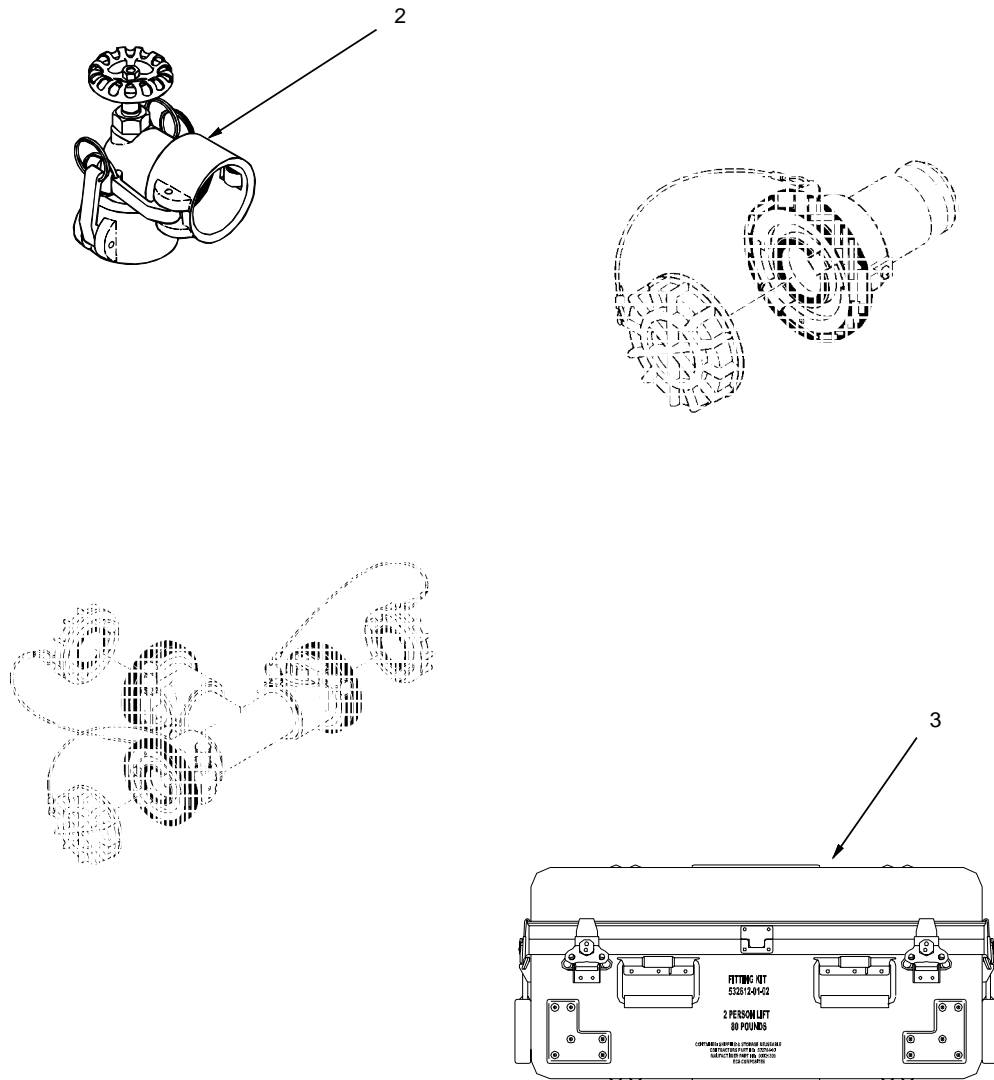


Figure 36. Drum/Discharge Fitting Kit PN 532612-01-01

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
					GROUP 13 DRUM/DISCHARGE FITTING KIT PN532612-01-01	
					FIGURE 36. DRUM/DISCHARGE FITTING KIT PN532612-01-01	
1	PDOFF	4930-01-517-1770	63631	532612-01-01	DRUM/DISCHARGE FITTING KIT.....	1
2	PAOZZ	4820-01-167-6550	97403	13219E0491	. VALVE, ELBOW COUPLER.....	8
3	XDOZZ		24995	00021208	. CONTAINER, REUSABLE.....	1
					END OF FIGURE	

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
2-INCH NON-VALVED UNISEX COUPLING TO 2-INCH MALE CAMLOCK
REPAIR PARTS LIST**

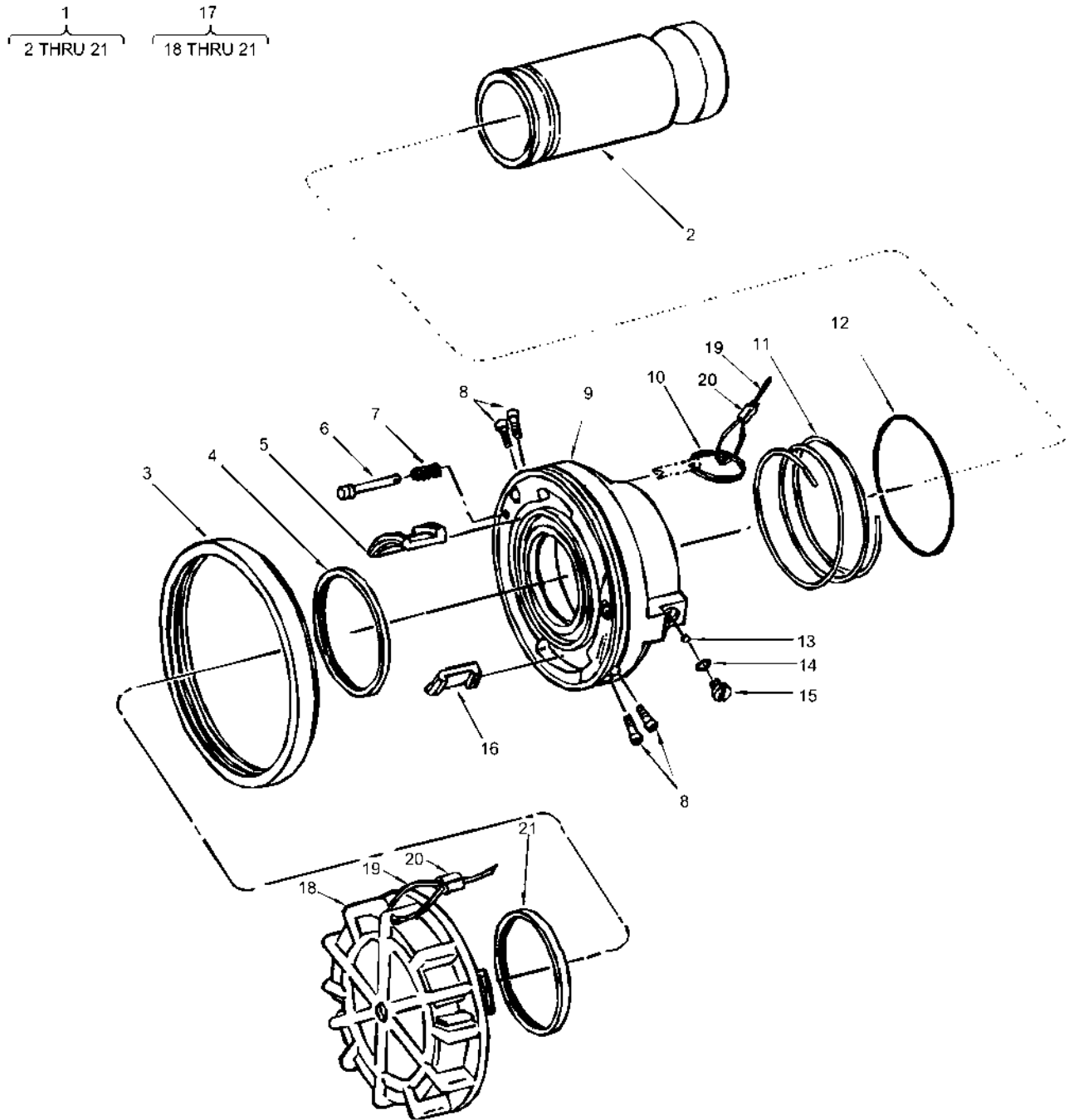


Figure 37. 2-Inch Non-Valved Unisex Coupling to 2-Inch Male Camlock

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
					GROUP 13 DRUM/DISCHARGE FITTING KIT PN 532612-01-01	
					FIGURE 37. 2-INCH NON-VALVED UNISEX COUPLING TO 2-INCH MALE CAMLOCK	
1	PAOOO	4730-01-296-9462	ODT23	64019F	2" NON-VALVED UNISEX COUPLING	8
2	XDOZZ		ODT23	220140-1	. INLET, 2" MALE CAMLOCK	1
3	PAOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64019-1	1
5	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
6	PAOZZ	5315-01-490-5799	ODT23	220148	. PIN, LOCKOUT	1
7	XDFZZ	5315-01-490-5798	ODT23	220301	. SPRING	1
8	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
9	XAOZZ		ODT23	220164-1	. BODY	1
10	PAOZZ	5340-01-499-9060	60808	8K1	. WIRE RING	1
11	PAOZZ	5360-01-499-7195	ODT23	220330	. SPRING	1
12	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64019-1	1
13	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL	41
14	PCOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING	1
15	KFOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE PART OF KIT P/N KD64019-1	1
16	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT	1
17	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
18	XDOZZ		ODT23	220162	. . CAP	1
19	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
20	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE	2
21	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64019-1	1
	PAFZZ	5330-01-457-1822	ODT23	KD64019-1	KIT, REPAIR PARTS	V
					SCREW, MACHINE (1) 37-15	
					O-RING (1) 37-12	
					SEAL, PLAIN (1) 37-4	
					SEAL, PLAIN (1) 37-21	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX COUPLING WITH TEE INLET
 REPAIR PARTS LIST**

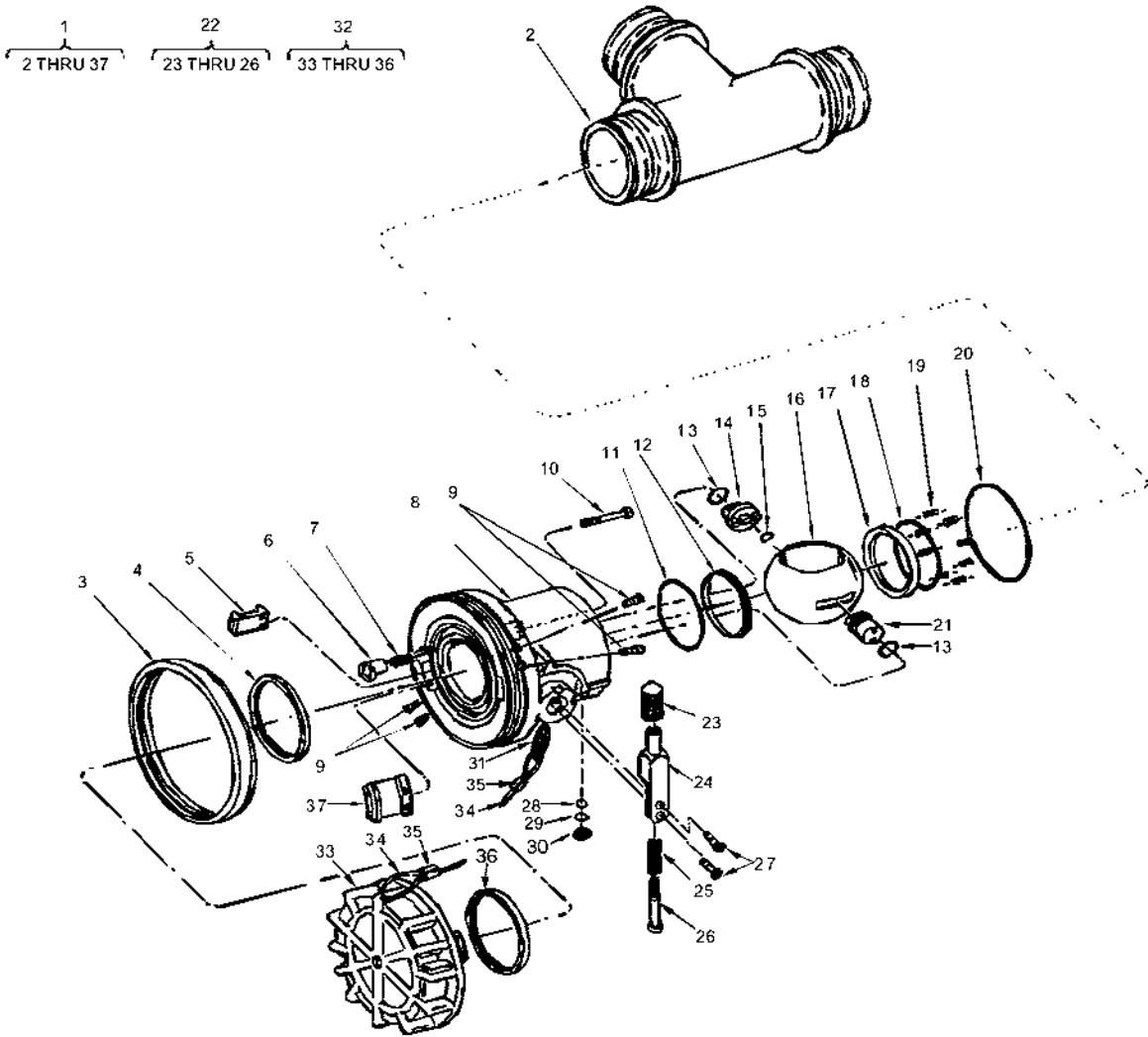


Figure 38. 2-Inch Unisex Coupling With Tee Inlet

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 13. DRUM/DISCHARGE FITTING KIT PN 532612-01-01	
					FIGURE 38. 2-INCH UNISEX COUPLING WITH TEE INLET	
1	PAOFF	4730-01-297-6812	ODT23	64022D	COUPLING, UNISEX W/TEE	3
2	XDOZZ		ODT23	220165-1	. INLET, 2", TEE	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. BUMPER	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSIL	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING	8
20	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL	1
23	XDFZZ		ODT23	220142	. GRIP	1
24	XDFZZ		ODT23	220147	. ARM	1
25	XDFZZ		ODT23	220145	. SPRING	1
26	XDFZZ		ODT23	220204	. SCREW	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE	2
28	PAOZZ		ODT-23	220265	. BALL	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
33	XDOZZ		ODT23	220162	. CAP	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE	1
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 38-4
					O-RING	(1) 38-11
					SEAL, PLAIN	(1) 38-12
					O-RING	(2) 38-13
					SEAL, PLAIN	(1) 38-17
					O-RING	(1) 38-18
					O-RING	(1) 38-20
					O-RING	(1) 38-29
END OF FIGURE						

**UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
DRUM/DISCHARGE FITTING KIT PN 532612-01-02
REPAIR PARTS LIST**

1
┌───┐
2

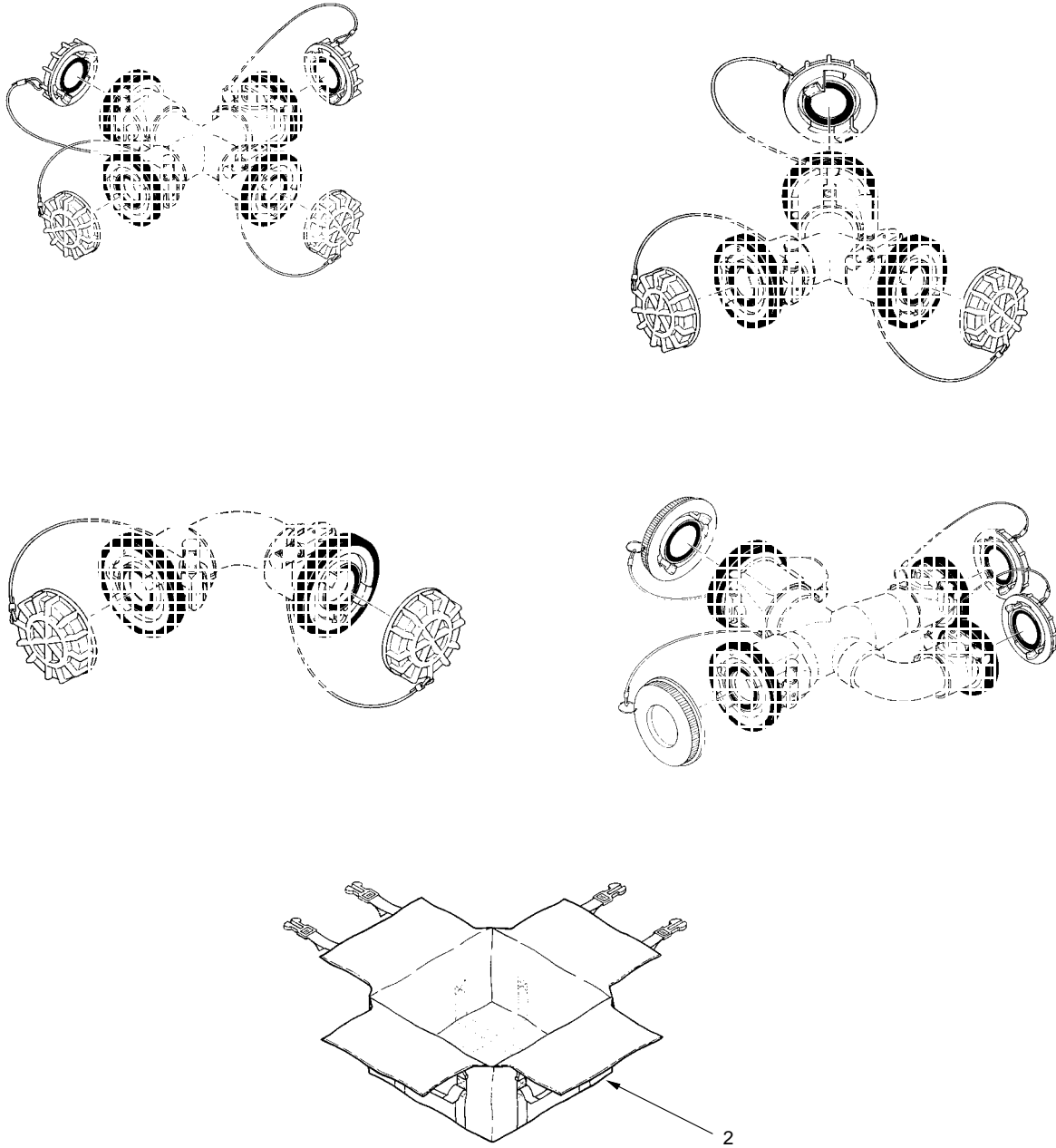


Figure 39. Drum/Discharge Fitting Kit PN 532612-01-02

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 14 DRUM/DISCHARGE FITTING KIT PN532612-01-02	
					FIGURE 39. DRUM/DISCHARGE FITTING KIT PN532612-01-02	
1	PDOFF	4930-01-517-1771	63631	532612-01-02	DRUM/DISCHARGE FITTING KIT	1
2	XDOZZ		63631	532615-10	. BAG, FUEL SYSTEM.....	1
					END OF FIGURE	

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX COUPLING WITH CROSS INLET
 REPAIR PARTS LIST**

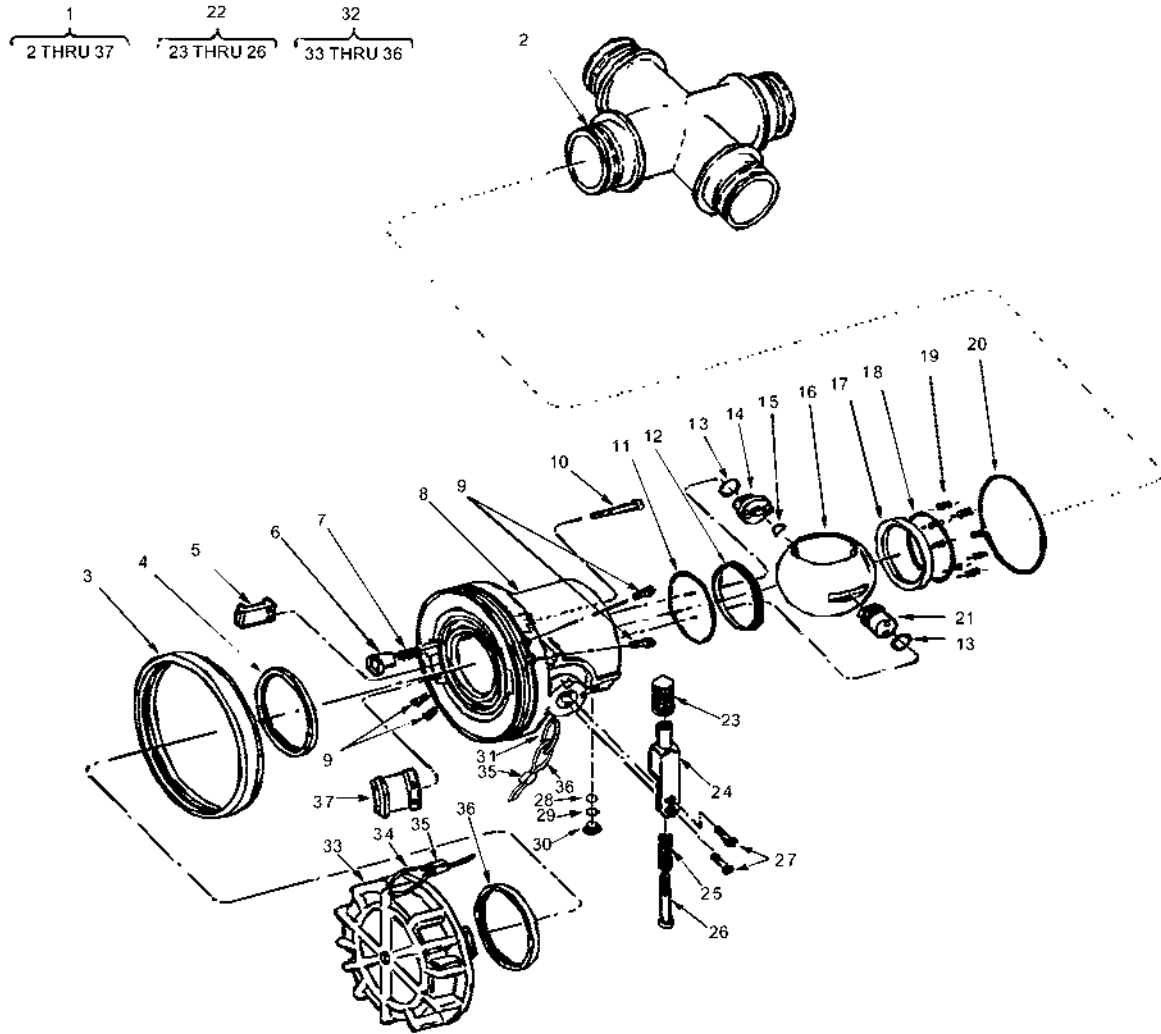


Figure 40. 2-Inch Unisex Coupling With Cross Inlet

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 14 DRUM/DISCHARGE FITTING KIT PN 532612-01-02	
					FIGURE 40. 2-INCH UNISEX COUPLING WITH CROSS INLET	
1	PAOFF	4730-01-257-4763	ODT23	64030D	2" UNISEX COUPLING W/CROSS	8
2	XDOZZ		ODT23	220168-1	. . INLET, 2" CROSS	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENS.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. . O-RING, PART OF KIT P/N KD64020-1	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM	1
23	XDFZZ		ODT23	220142	. . GRIP	1
24	XDFZZ		ODT23	220147	. . ARM	1
25	XDFZZ		ODT23	220145	. . SPRING	1
26	XDFZZ		ODT23	220204	. . SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP, DUST.....	1
33	XDOZZ		ODT23	220162	. . CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE	2
36	PAOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 40-4
					O-RING	(1) 40-11
					SEAL, PLAIN	(1) 40-12
					O-RING	(1) 40-13
					SEAL, PLAIN	(1) 40-17
					O-RING	(1) 40-18
					O-RING	(1) 40-20
					O-RING	(1) 40-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX COUPLING WITH WYE INLET
 REPAIR PARTS LIST**

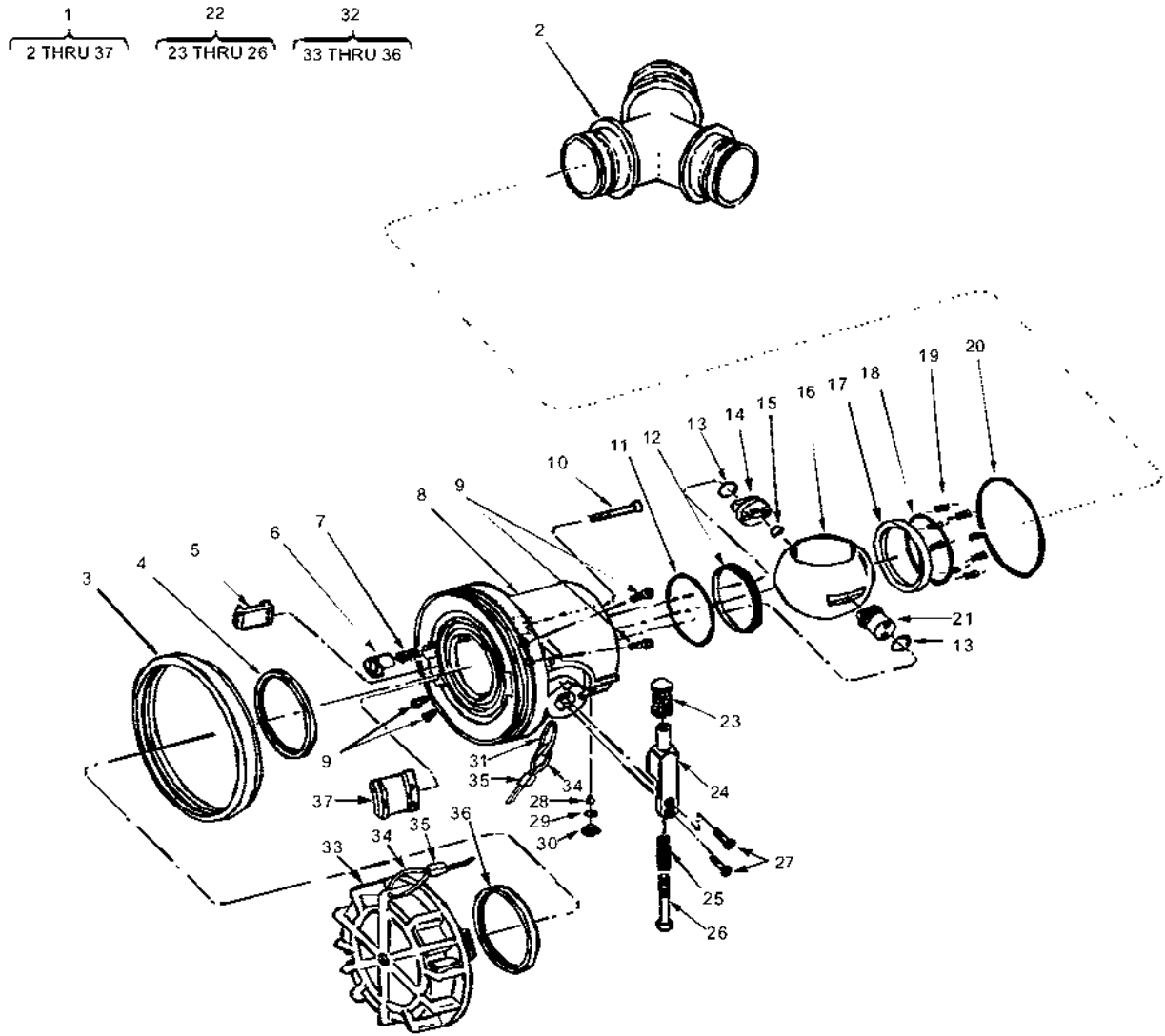


Figure 41. 2-Inch Unisex Coupling With Wye Inlet

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO.	SMR CODE	NSN	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
					GROUP 14 DRUM/DISCHARGE FITTING KIT PN 532612-01-02	
					FIGURE 41. 2-INCH UNISEX COUPLING WITH WYE INLET	
1	PAOFF	4730-01-515-3578	ODT23	64029DZ	2" UNISEX COUPLING W/WYE.....	8
2	XDOZZ		ODT23	220167-1	. INLET, 2" WYE.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENS.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
17	KFOFZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE, MANUAL ASSEM.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM.....	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 41-4
					O-RING	(1) 41-11
					SEAL, PLAIN	(1) 41-12
					O-RING	(2) 41-13
					SEAL, PLAIN	(1) 41-17
					O-RING	(1) 41-18
					O-RING	(1) 41-20
					O-RING	(1) 41-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
2-INCH UNISEX COUPLING WITH ELBOW INLET
REPAIR PARTS LIST**

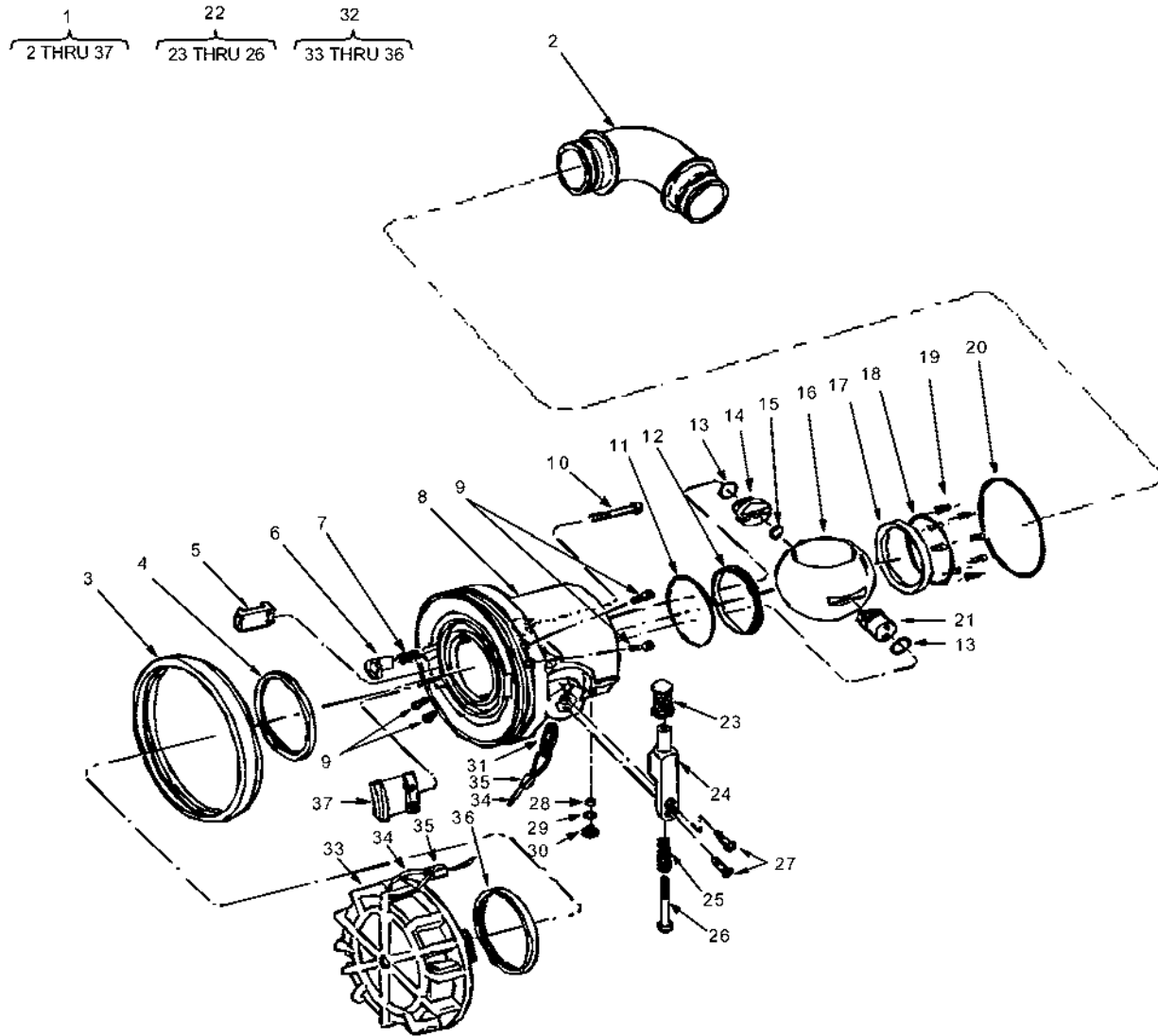


Figure 42. 2-Inch Unisex Coupling With Elbow Inlet

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 14 DRUM/DISCHARGE FITTING KIT PN 532612-01-02	
					FIGURE 42. 2-INCH UNISEX COUPLING WITH ELBOW INLET	
1	PAOFF	4730-01-376-1027	00624	AE82112R	2" UNISEX COUPLING W/ELBOW	8
2	XDOZZ		ODT23	220166-1	. . INLET, 2" ELBOW	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. . CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. . LUG, SHORT	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. . PIN, QUICK RELEASE	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. . PIN, SPRING	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. . BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. . SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. . SCREW	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. . O-RING, PART OF KIT P/N KD64020-1	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. . O-RING, PART OF KIT P/N KD64020-1	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. . PIN, QUICK RELEASE	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. . WASHER, SPRING TENS.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. . BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. . SEAL, PLAIN PART OF KIT P/N KD64020-1	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. . O-RING, PART OF KIT P/N KD64020-1	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. . SPRING	8
20	KFOZZ	5331-00-291-7337	96906	MS29513-228	. . O-RING, PART OF KIT P/N KD64020-1	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. . CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. . HANDLE, MANUAL ASSEM	1
23	XDFZZ		ODT23	220142	. . GRIP	1
24	XDFZZ		ODT23	220147	. . ARM	1
25	XDFZZ		ODT23	220145	. . SPRING	1
26	XDFZZ		ODT23	220204	. . SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. . SCREW, MACHINE	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. . BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. . O-RING, PART OF KIT P/N KD64020-1	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. . SCREW, MACHINE	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. . RING	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. . CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. . CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. . LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 42-4
					O-RING	(1) 42-11
					SEAL, PLAIN	(1) 42-12
					O-RING	(2) 42-13
					SEAL, PLAIN	(1) 42-17
					O-RING	(1) 42-18
					O-RING	(1) 42-20
					O-RING	(1) 42-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
RECIRCULATION MANIFOLD
REPAIR PARTS LIST**

1 20 37
2 THRU 113 21 THRU 26 38 THRU 41

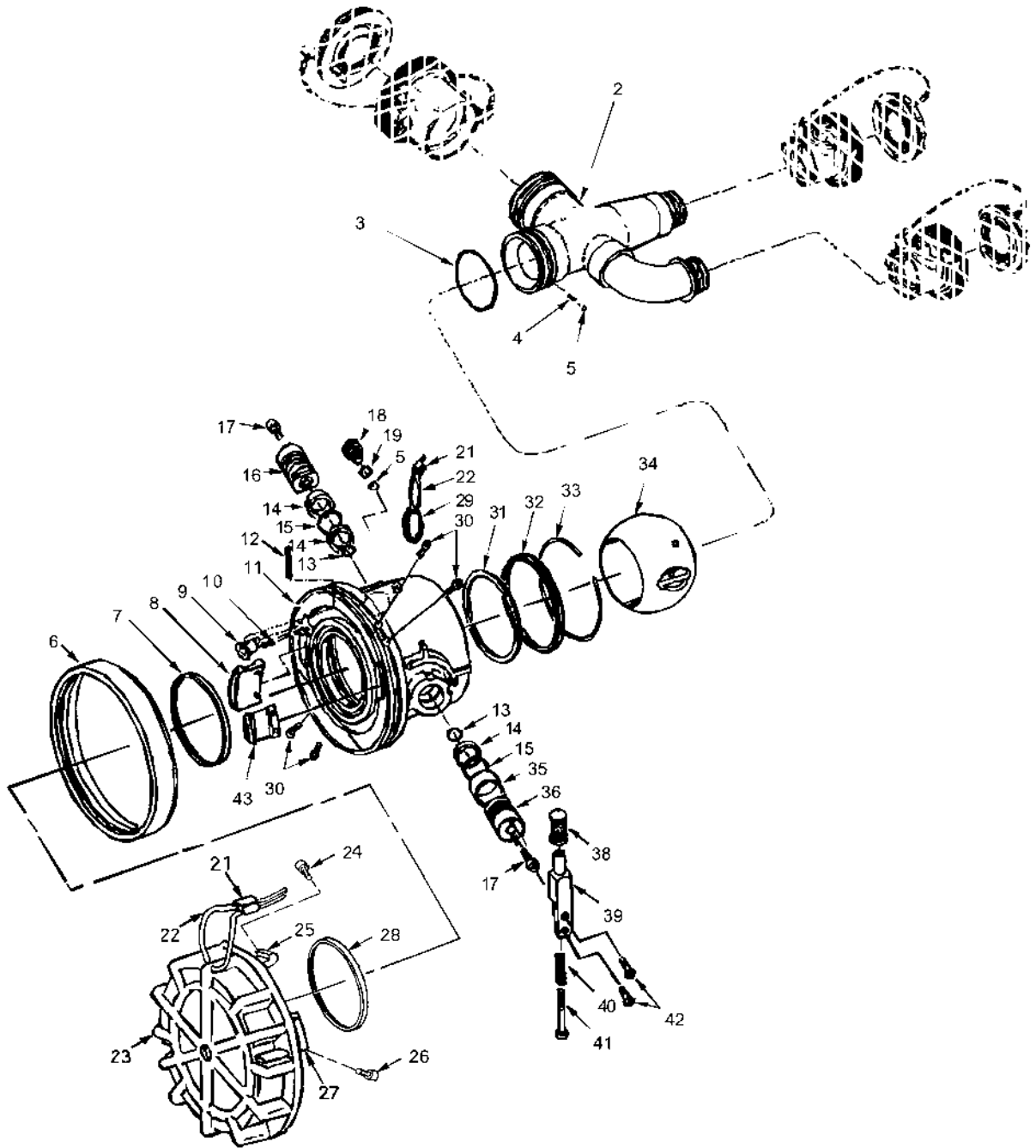


Figure 43. Recirculation Manifold (Sheet 1)

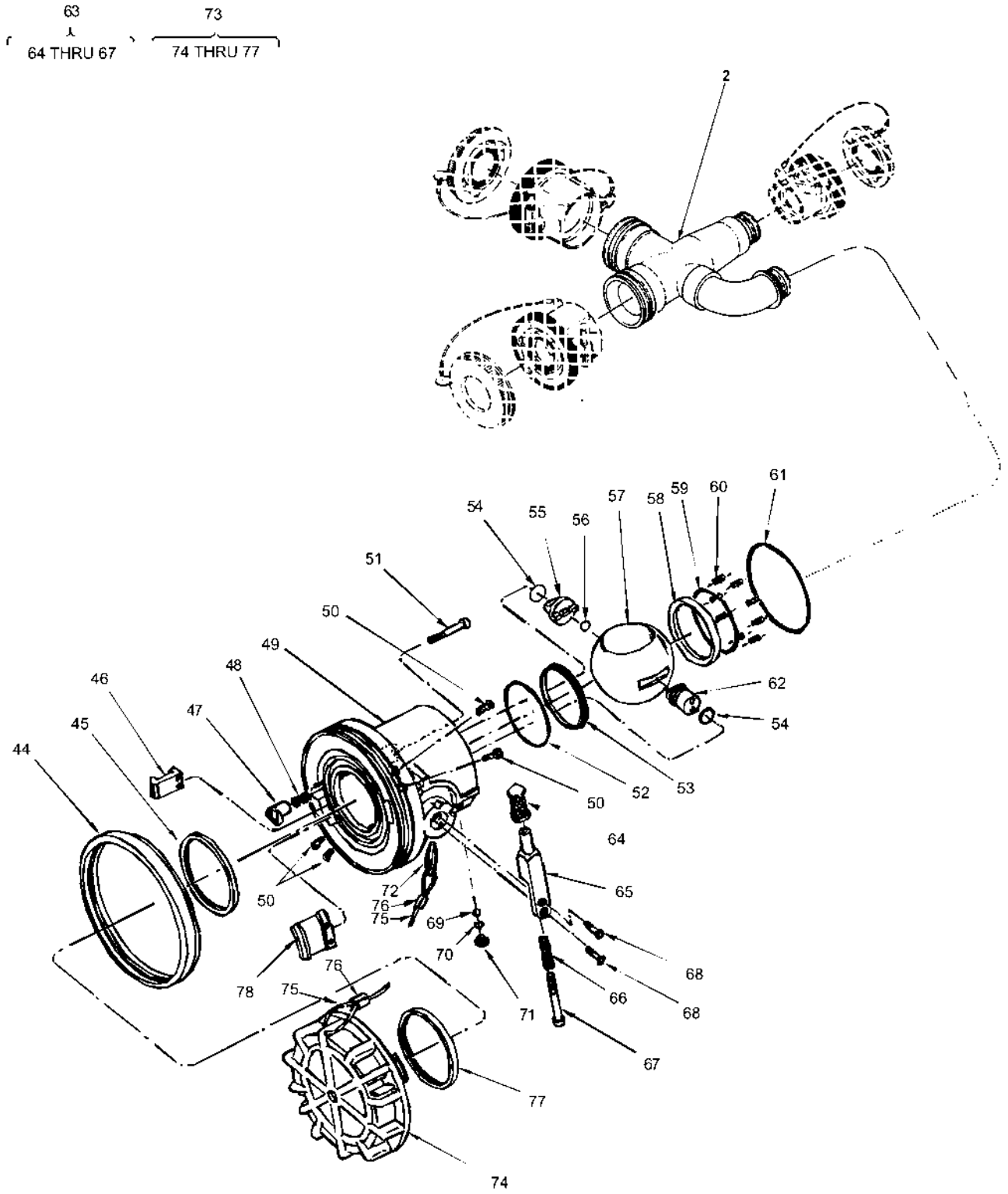


Figure 43. Recirculation Manifold (Sheet 2)

98
99 THRU 102

108
109 THRU 112

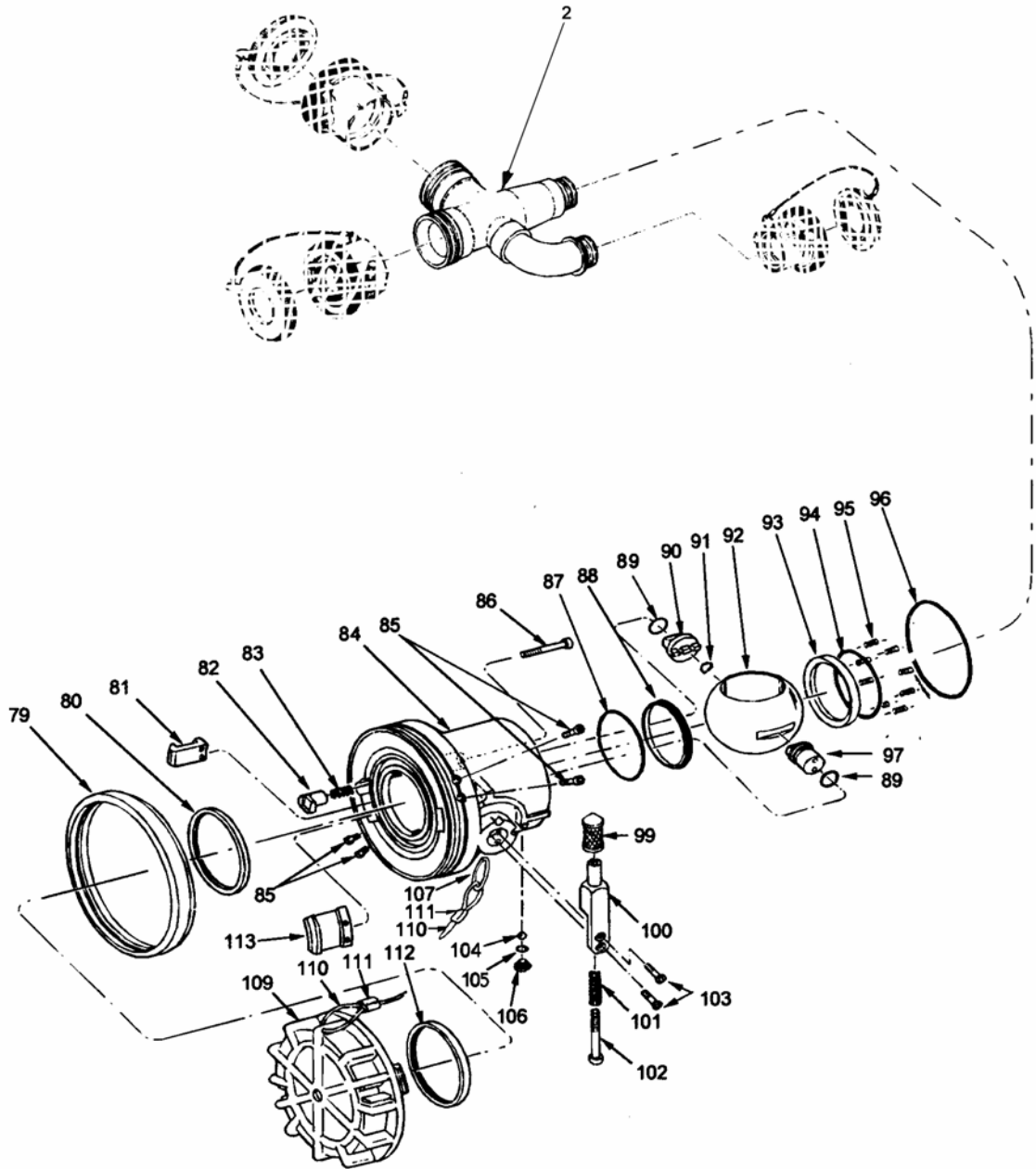


Figure 43. Recirculation Manifold (Sheet 3)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 14 DRUM/DISCHARGE FITTING KIT PN 532612-01-02						
FIGURE 43. RECIRCULATION MANIFOLD						
1	XDOFF		ODT23	64057DZ	RECIRCULATION MANIFOLD.....	1
2	XDOZZ		ODT23	220504-1	. MANIFOLD.....	1
3	PCOZZ	5331-00-251-9367	96906	MS29513-234	. O-RING	1
4	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING	1
5	XDOZZ	3110-01-504-8557	ODT23	220265	. BALL.....	42
6	PAOZZ	2910-01-456-2274	ODT23	220468	. CAP, BUMPER.....	1
7	PAOZZ	5330-01-460-8998	ODT23	220467	. SEAL, 3", UNISEX.....	1
8	XDOZZ	5340-01-458-5522	ODT23	220800-1	. CLAMP, SYNCHRO.....	1
9	PAFZZ	5315-01-457-0306	ODT23	220457	. PIN, QUICK RELEASE.....	1
10	XDFZZ		ODT23	LC030D-8	. SPRING, HELICAL.....	1
11	XAFZZ		ODT23	220429-1	. HOUSING, TAN.....	1
12	XDFZZ		ODT23	0.941X1.000LDP	. PIN, SPRING.....	1
13	PCFZZ	5331-00-248-3834	96906	MS29513-009	. O-RING	2
14	XDFZZ		ODT23	220464	. BUSHING, SLEEVE.....	3
15	PCFZZ	5331-00-248-3845	96906	MS29513-016	. O-RING	2
16	XDFZZ		ODT23	220432	. CONTROL, SHAFT ASSEM.....	1
17	PAFZZ	5305-01-210-1648	96906	MS16997-32L	. SCREW, CAP, SOCKET HE.....	2
18	PAOZZ	5305-01-459-4210	ODT23	220484	. SCREW, CAP.....	1
19	PCOZZ	5331-00-263-8011	96906	MS29512-03	. O-RING	1
20	PAOOO		ODT23	470121-1	. CAP ASSEMBLY, TAN.....	1
21	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
22	PAOZZ	4010-01-461-0033	ODT23	220201-1-20	. ROPE, WIRE.....	1
23	XDOZZ		ODT23	220469-1	. . . CAP, TAN.....	1
24	XAOZZ		96906	MS16997-20L	. . . SCREW, CAP, SOCKET HD.....	1
25	XAOZZ		ODT23	220446-1	. . . CLAMP, SYNCHRO.....	1
26	XAOZZ		96906	MS16997-20L	. . . SCREW, CAP, SOCKET HD.....	1
27	XAOZZ		ODT23	220446-2	. . . CLAMP, SYNCHRO.....	1
28	PAOZZ	5330-01-460-8998	ODT23	220467	. . . SEAL, 3", UNISEX.....	1
29	XDOZZ	5365-01-490-5797	ODT23	220482	. RING.....	1
30	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
31	XDFZZ	5330-01-458-5461	ODT23	220465	. SEAL, PLAIN.....	1
32	XDFZZ		ODT23	220459	. RETAINER, SEAL.....	1
33	XDFZZ		ODT23	220470	. WIRE, SEAL.....	1
34	XDFZZ		ODT23	220449	. BALL, VALVED PORTED.....	1
35	PAFZZ	3120-01-456-3926	ODT23	220466	. BEARING SLEEVE.....	1
36	XDFZZ		ODT23	220430	. SHAFT, UPPER.....	1
37	PAFFF	5340-01-456-1334	ODT23	47119	. HANDLE, MANUAL CONTR.....	1
38	XDFZZ		ODT23	220142	. GRIP.....	1
39	XDFZZ		ODT23	220435	. HANDLE, LEVER CONTRO.....	1
40	XDFZZ		ODT23	220145	. SPRING.....	1
41	XDFZZ		ODT23	220204	. SCREW.....	1
42	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
43	XDOZZ	5340-01-458-5534	ODT23	220800-2	. CLAMP, SYNCHRO.....	1
44	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
45	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
46	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
47	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
48	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
49	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
50	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
51	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
52	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
53	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
54	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
55	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
56	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI.....	1
57	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
58	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN PART OF KIT P/N KD64020-1.....	1
59	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
61	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1	1
62	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
63	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE, MANUAL ASSEM	1
64	XDFZZ		ODT23	220142	. . GRIP	1
65	XDFZZ		ODT23	220147	. . ARM	1
66	XDFZZ		ODT23	220145	. . SPRING	1
67	XDFZZ		ODT23	220204	. . SCREW	1
68	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE	2
69	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL	41
70	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1	1
71	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE	1
72	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
73	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSEMBLY, DUST	1
74	XDOZZ		ODT23	220162	. . CAP.....	1
75	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
76	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
77	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
78	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
79	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
80	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
81	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT	1
82	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE	1
83	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING	1
84	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
85	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
86	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
87	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1	1
88	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
89	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1	2
90	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE	1
91	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI.....	1
92	XDFZZ	4810-01-456-7622	ODT23	220578	. BALL, VALVED PORTED, REDUCED BORE	1
93	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN PART OF KIT P/N KD64020-1	1
94	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1	1
95	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING	8
96	KFOZZ	5331-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1	1
97	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
98	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE, MANUAL ASSEM	1
99	XDFZZ		ODT23	220142	. . GRIP	1
100	XDFZZ		ODT23	220147	. . ARM	1
101	XDFZZ		ODT23	220145	. . SPRING	1
102	XDFZZ		ODT23	220204	. . SCREW	1
103	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE	2
104	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL	41
105	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1	1
106	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE	1
107	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
108	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSEMBLY, DUST	1
109	XDOZZ		ODT23	220162	. . CAP.....	1
110	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. . WIRE ROPE.....	1
111	XDOZZ	4030-00-431-5537	76691	28-2-G	. . SLEEVE.....	2
112	PCOZZ	5330-01-433-9203	ODT23	220146	. . SEAL.....	1
113	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS SEAL, PLAIN (1) 43-45, 80 O-RING (1) 43-52, 87 SEAL, PLAIN (1) 43-53, 88 O-RING (2) 43-54, 89 SEAL, PLAIN (1) 43-58, 93 O-RING (1) 43-59, 94 O-RING (1) 43-61, 96 O-RING (1) 43-70, 105	

END OF FIGURE

**DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
DRUM ADAPTER KIT PN 532611-01-01
REPAIR PARTS LIST**

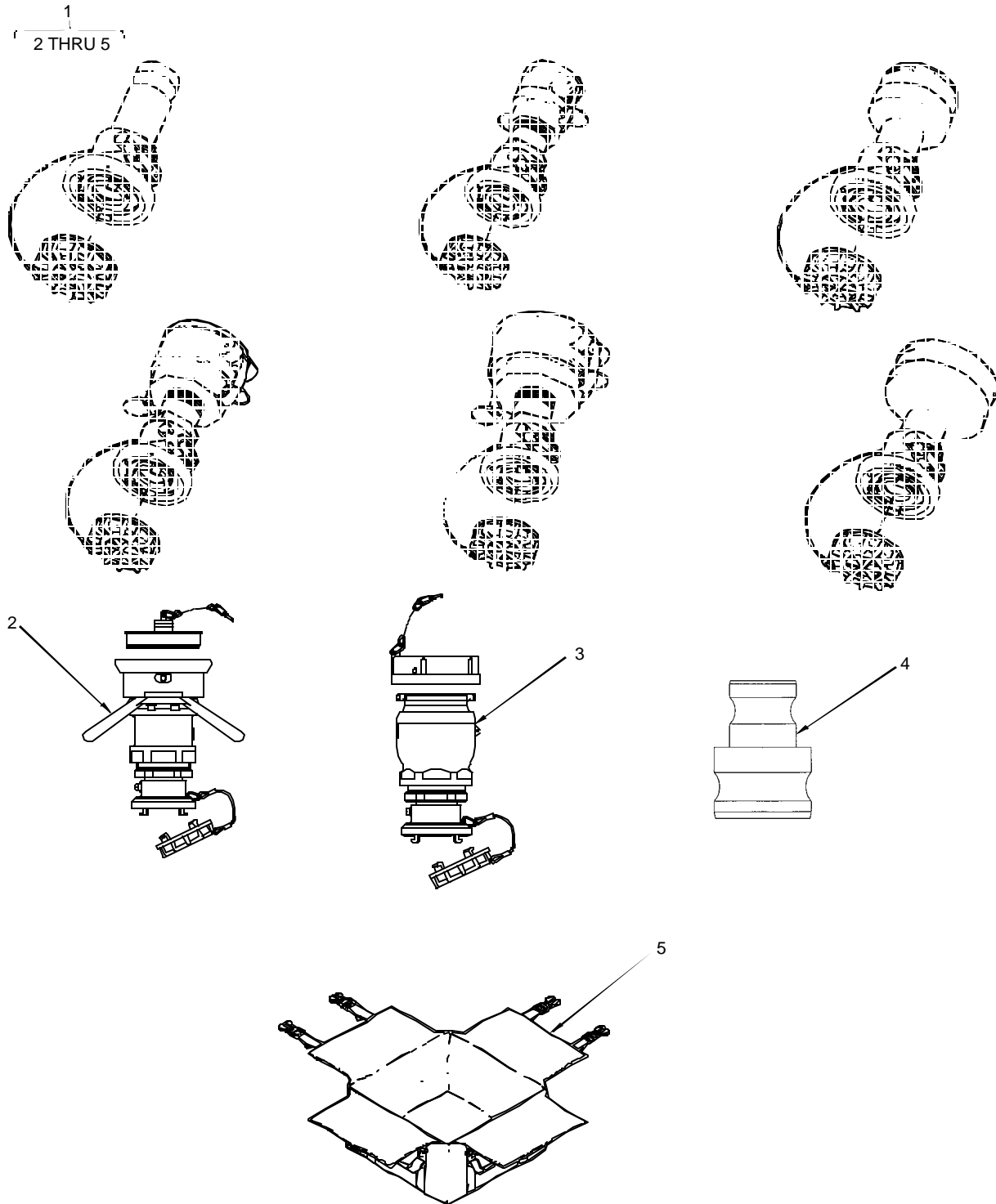


Figure 44. Drum Adapter Kit PN 532611-01-01

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 15 DRUM ADAPTER KIT						
FIGURE 44. DRUM ADAPTER KIT PN 532611-01-01						
1	PDOFF	8110-01-517-1772	63631	532611-01-01	KIT, DRUM ADAPTER.....	1
2	PAOZZ	4730-01-515-3543	0DT23	64170	. NATO ADAPTER, FEMALE.....	1
3	PAOZZ	4730-01-515-3570	0DT23	64171	. NATO ADAPTER, MALE.....	1
4	XDOZZ	4730-00-541-6092	58536	AA59326XX12	. ADAPTER, MALE BY MALE, CAMLOCK.....	1
5	XDOZZ		63631	532615-09	. BAG, FUEL SYSTEM.....	1
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX TO 2-INCH MALE CAMLOCK FITTING ADAPTER
 REPAIR PARTS LIST**

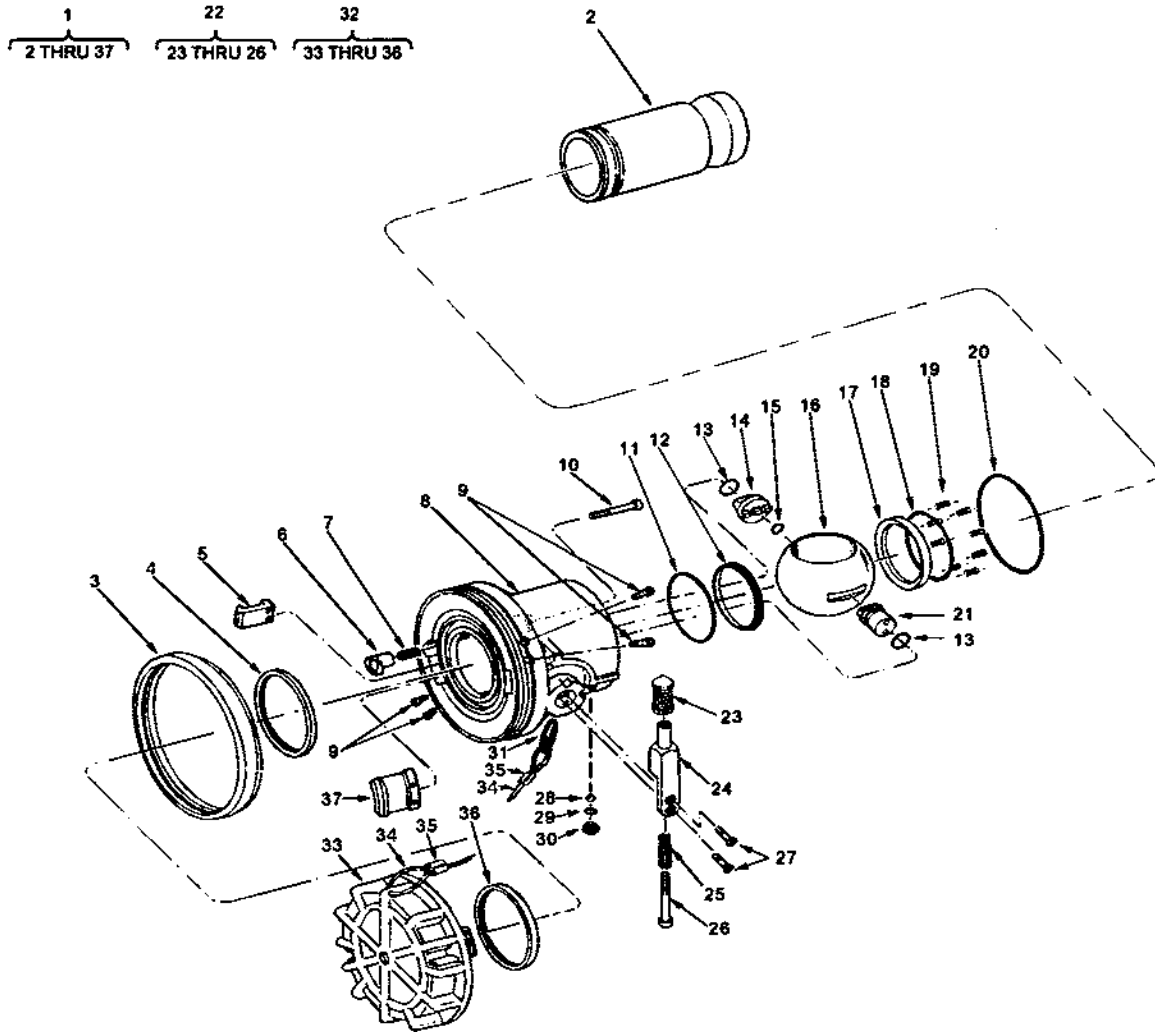


Figure 45. 2-inch Unisex to 2-inch Male Camlock Fitting Adapter

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 15 DRUM ADAPTER KIT						
FIGURE 45. 2-INCH UNISEX TO 2 INCH MALE CAMLOCK FITTING ADAPTER						
1	PAOFF	4730-01-298-0150	ODT23	64020F	2-INCH UNISEX TO 2-INCH MALE CAMLOCK FITTING ADAPTER.....	4
2	PAOZZ		ODT23	220124-1	. INLET, 2" MALE CAMLOCK.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSIL.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM.....	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3110-01-504-8557	ODT23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	1
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 45-4
					O-RING	(1) 45-11
					SEAL, PLAIN	(1) 45-12
					O-RING	(1) 45-13
					SEAL, PLAIN	(1) 45-17
					O-RING	(1) 45-18
					O-RING	(1) 45-20
					O-RING	(1) 45-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX TO 2-INCH FEMALE CAMLOCK FITTING ADAPTER
 REPAIR PARTS LIST**

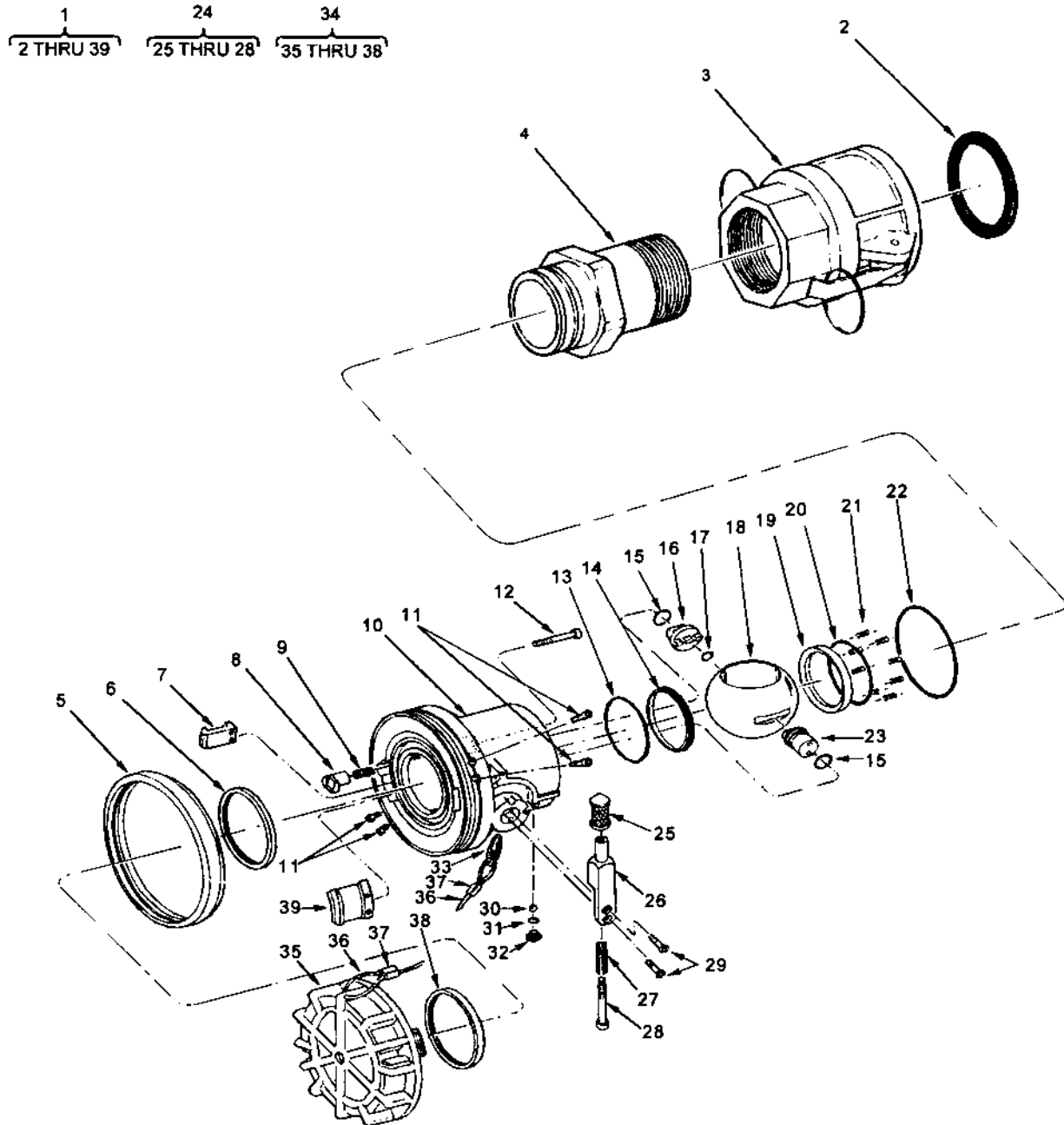


Figure 46. 2-Inch Unisex to 2-Inch Female Camlock Fitting Adapter

(1) ITE M NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 15 DRUM ADAPTER KIT						
FIGURE 46. 2 INCH UNISEX TO 2 INCH FEMALE CAMLOCK FITTING ADAPTER						
1	PAOFF	4730-01-298-0151	ODT23	64020G	2 INCH UNISEX TO 2 INCH FEMALE CAMLOCK FITTING ADAPTER.....	4
2	PAOZZ	5330-00-612-2414	96906	MS27030-6	. GASKET	1
3	XDOZZ		ODT23	20D-AL-TN	. INLET, 2" FEMALE CAMLOCK.....	1
4	XDOZZ		ODT23	220132-1	. INLET, 2", MALE, NPT	1
5	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
6	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
7	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
8	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
9	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
10	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
11	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
12	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
13	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1	1
14	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
15	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1	2
16	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
17	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI.....	1
18	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
19	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
20	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1	1
21	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
22	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1	1
23	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
24	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
25	XDFZZ		ODT23	220142	. GRIP.....	1
26	XDFZZ		ODT23	220147	. ARM.....	1
27	XDFZZ		ODT23	220145	. SPRING	1
28	XDFZZ		ODT23	220204	. SCREW	1
29	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
30	PAOZZ	3310-01-504-8557	ODT23	220265	. BALL	41
31	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1	1
32	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
33	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
34	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
35	XDOZZ		ODT23	220162	. CAP	1
36	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
37	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
38	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
39	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
				SEAL, PLAIN	(1) 46-6	
				O-RING	(1) 46-13	
				SEAL, PLAIN	(1) 46-14	
				O-RING	(2) 46-15	
				SEAL, PLAIN	(1) 46-19	
				O-RING	(1) 46-20	
				O-RING	(1) 46-22	
				O-RING	(1) 46-31	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX TO 3-INCH MALE CAMLOCK FITTING ADAPTER
 REPAIR PARTS LIST**

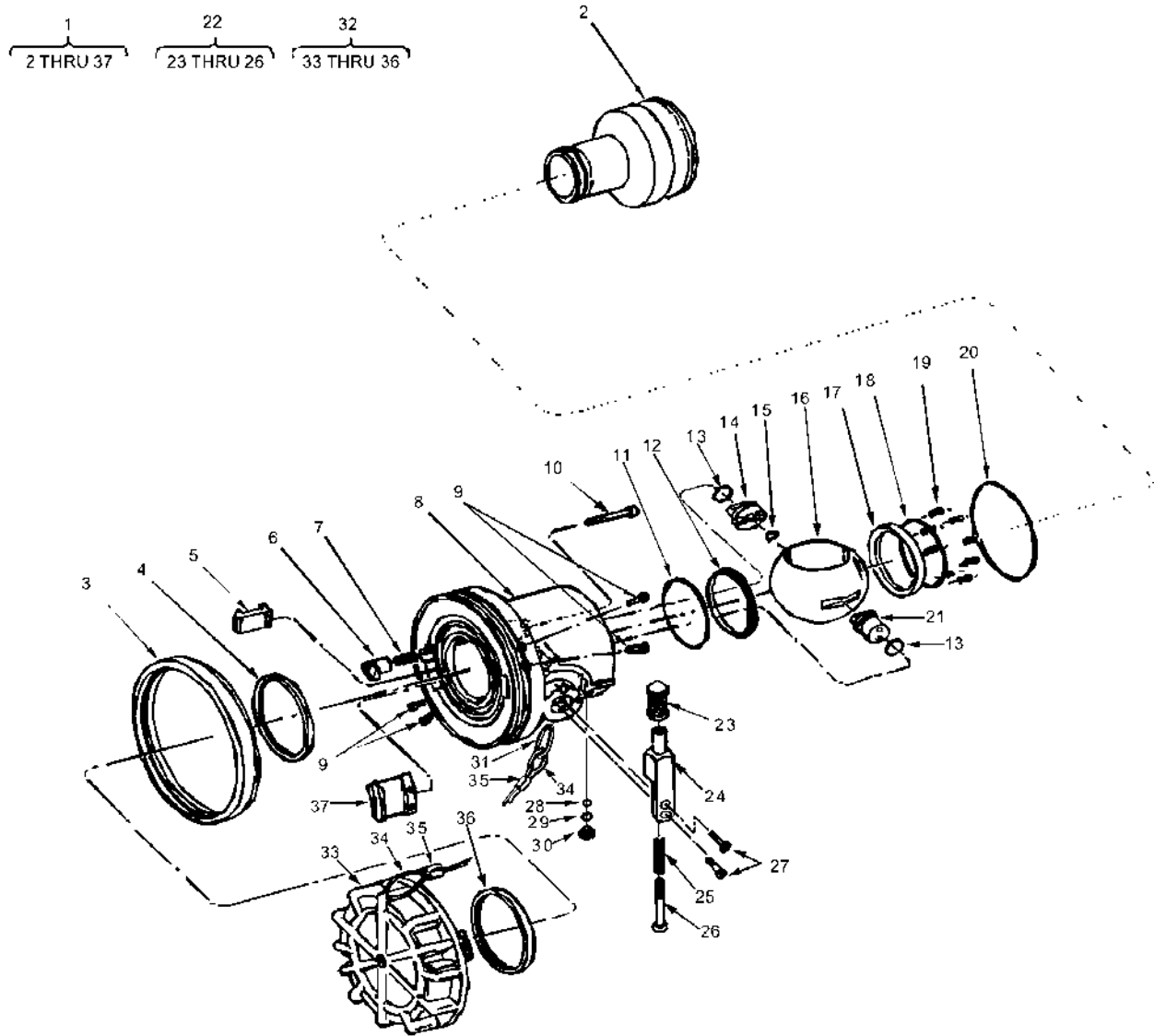


Figure 47. 2-inch Unisex to 3-inch Male Camlock Fitting Adapter

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 15 DRUM ADAPTER KIT						
FIGURE 47. 2-INCH UNISEX TO 3 INCH MALE CAMLOCK FITTING ADAPTER						
1	PAOFF	4730-01-515-3539	ODT23	64020L	2-INCH UNISEX TO 3-INCH MALE CAMLOCK FITTING ADAPTER.....	4
2	XDOZZ		ODT23	220124-1	. INLET, 3" MALE CAMLOCK.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSIL.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM.....	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3310-01-504-8557	ODT23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	1
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 47-4
					O-RING	(1) 47-11
					SEAL, PLAIN	(1) 47-12
					O-RING	(2) 47-13
					SEAL, PLAIN	(1) 47-17
					O-RING	(1) 47-18
					O-RING	(1) 47-20
					O-RING	(1) 47-29
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX TO 3-INCH FEMALE CAMLOCK FITTING ADAPTER
 REPAIR PARTS LIST**

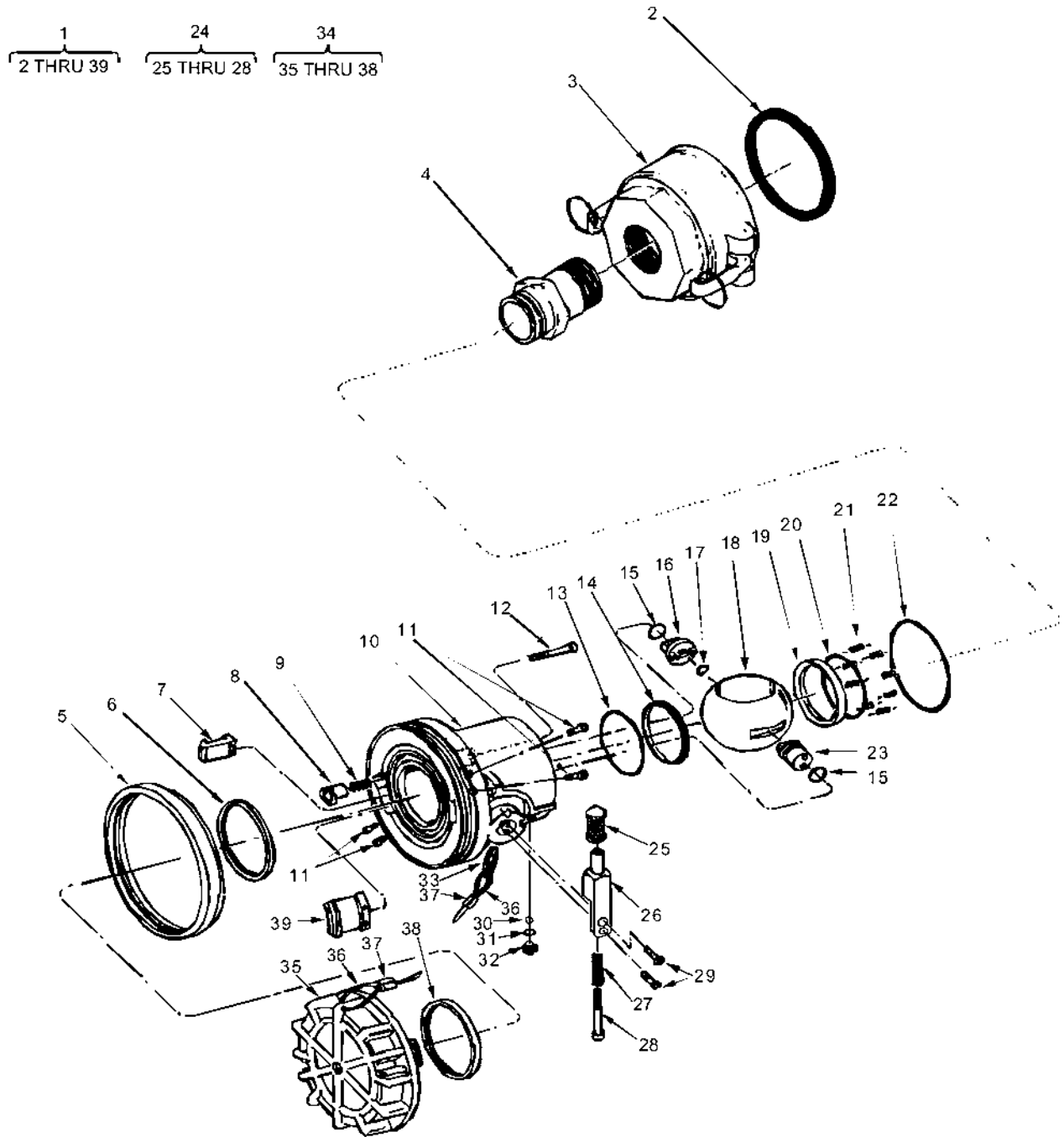


Figure 48. 2-Inch Unisex to 3-Inch Female Camlock Fitting Adapter

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 15 DRUM ADAPTER KIT						
FIGURE 48. 2 INCH UNISEX TO 3 INCH FEMALE CAMLOCK FITTING ADAPTER						
1	PAOFF	4730-01-515-3541	ODT23	64020K	2 INCH UNISEX TO 3 INCH FEMALE CAMLOCK FITTING ADAPTER	4
2	PAOZZ	5330-00-612-2414	96906	MS27030-8	. GASKET	1
3	XDOZZ		ODT23	3020D-AL-TN	. INLET, 3" FEMALE CAMLOCK	1
4	XDOZZ	4730-01-456-3895	ODT23	220132-1	. INLET, 2", MALE, NPT	1
5	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER	1
6	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
7	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT	1
8	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE	1
9	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING	1
10	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN	1
11	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE	4
12	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
13	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1	1
14	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
15	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1	2
16	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE	1
17	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSI	1
18	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED	1
19	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1	1
20	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1	1
21	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING	8
22	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1	1
23	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM	1
24	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL	1
25	XDFZZ		ODT23	220142	. GRIP	1
26	XDFZZ		ODT23	220147	. ARM	1
27	XDFZZ		ODT23	220145	. SPRING	1
28	XDFZZ		ODT23	220204	. SCREW	1
29	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE	2
30	PAOZZ	3310-01-504-8557	ODT23	220265	. BALL	41
31	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1	1
32	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE	1
33	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
34	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
35	XDOZZ		ODT23	220162	. CAP	1
36	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE	1
37	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE	2
38	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL	1
39	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 48-6
					O-RING	(1) 48-13
					SEAL, PLAIN	(1) 48-14
					O-RING	(2) 48-15
					SEAL, PLAIN	(1) 48-19
					O-RING	(1) 48-20
					O-RING	(1) 48-22
					O-RING	(1) 48-31
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX TO 4-INCH FEMALE CAMLOCK FITTING ADAPTER
 REPAIR PARTS LIST**

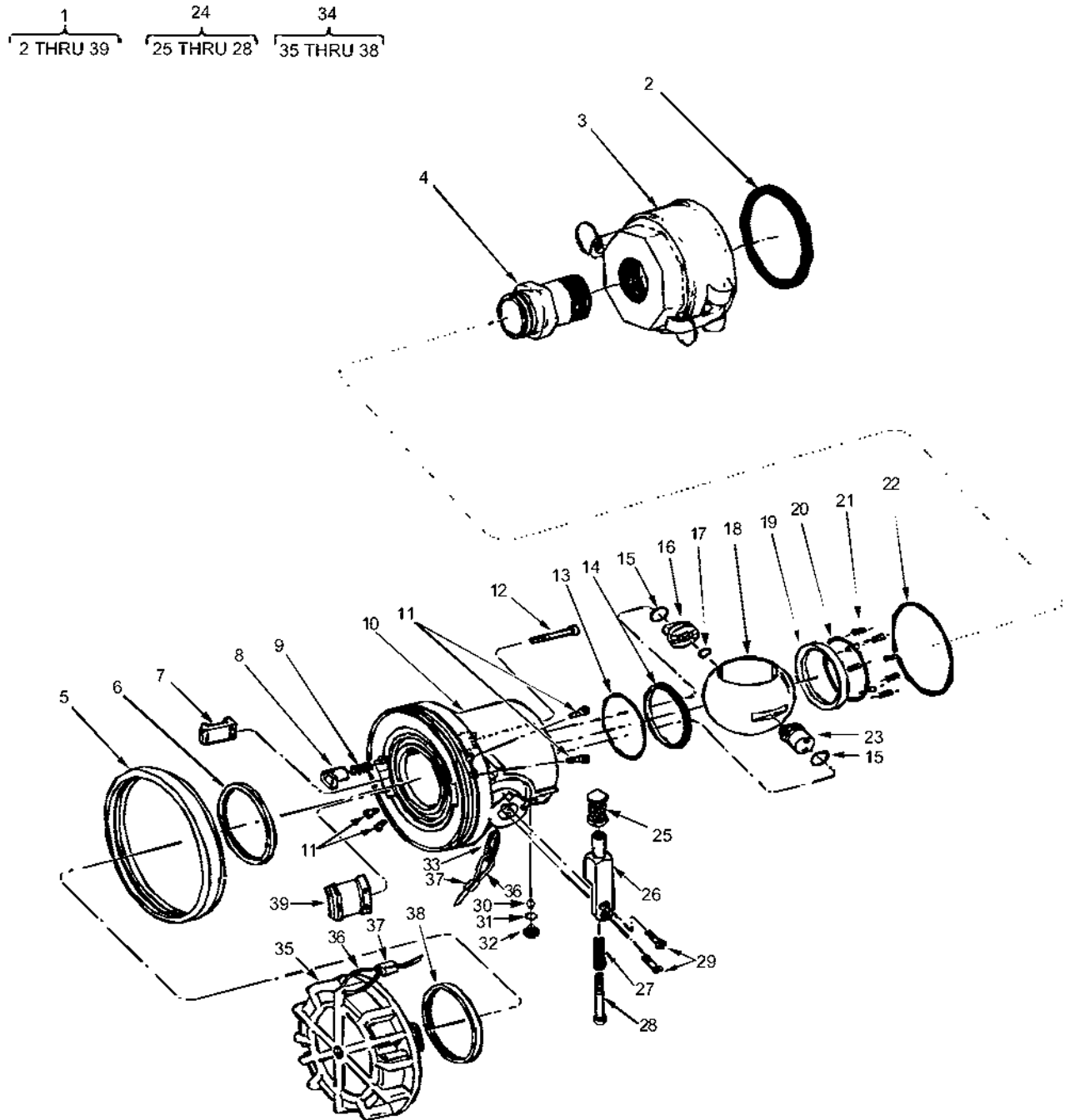


Figure 49. 2-Inch Unisex to 4-Inch Female Camlock Fitting Adapter

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 15 DRUM ADAPTER KIT	
					FIGURE 49. 2 INCH UNISEX TO 4 INCH FEMALE CAMLOCK FITTING ADAPTER	
1	PAOFF	4730-01-515-3542	ODT23	64020P	2 INCH UNISEX TO 4 INCH FEMALE CAMLOCK FITTING ADAPTER.....	4
2	PAOZZ	5330-00-899-4509	96906	MS27030-9	. GASKET	1
3	XDOZZ		ODT23	4020D-AL-TN	. INLET, 4" FEMALE CAMLOCK.....	1
4	XDOZZ	4730-01-456-3895	ODT23	220132-1	. INLET, 2", MALE, NPT	1
5	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
6	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
7	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
8	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
9	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
10	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
11	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
12	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW	1
13	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1	1
14	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
15	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1	2
16	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
17	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSIL.....	1
18	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
19	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
20	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1	1
21	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
22	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1	1
23	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
24	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
25	XDFZZ		ODT23	220142	. GRIP.....	1
26	XDFZZ		ODT23	220147	. ARM.....	1
27	XDFZZ		ODT23	220145	. SPRING	1
28	XDFZZ		ODT23	220204	. SCREW	1
29	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
30	PAOZZ	3310-01-504-8557	ODT23	220265	. BALL	41
31	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1	1
32	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
33	XDOZZ	5365-01-490-5797	ODT23	220482	. RING	1
34	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST	1
35	XDOZZ		ODT23	220162	. CAP	1
36	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
37	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
38	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
39	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
				SEAL, PLAIN	(1) 49-6	
				O-RING	(1) 49-13	
				SEAL, PLAIN	(1) 49-14	
				O-RING	(2) 49-15	
				SEAL, PLAIN	(1) 49-19	
				O-RING	(1) 49-20	
				O-RING	(1) 49-22	
				O-RING	(1) 49-31	
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 2-INCH UNISEX TO 4-INCH MALE CAMLOCK FITTING ADAPTER
 REPAIR PARTS LIST**

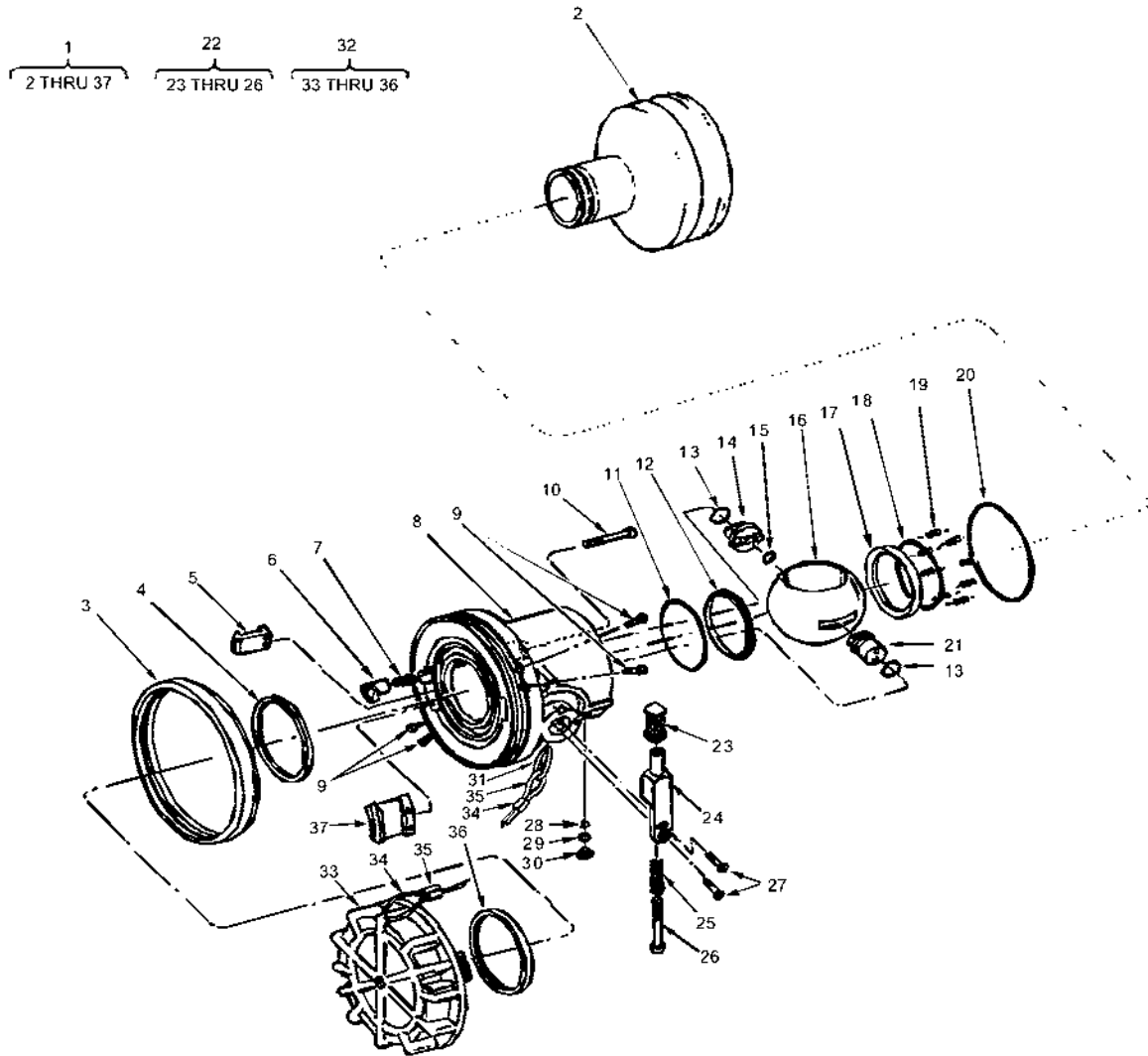


Figure 50. 2-inch Unisex to 4-inch Male Camlock Fitting Adapter

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 15 DRUM ADAPTER KIT						
FIGURE 50. 2-INCH UNISEX TO 4 INCH MALE CAMLOCK FITTING ADAPTER						
1	PAOFF	4730-01-515-3537	ODT23	64020M	2-INCH UNISEX TO 4-INCH MALE CAMLOCK FITTING ADAPTER.....	4
2	XDOZZ		ODT23	220137-1	. INLET, 4" MALE CAMLOCK.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSIL.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM.....	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3310-01-504-8557	ODT23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 50-4
					O-RING	(1) 50-11
					SEAL, PLAIN	(1) 50-12
					O-RING	(2) 50-13
					SEAL, PLAIN	(1) 50-17
					O-RING	(1) 50-18
					O-RING	(1) 50-20
					O-RING	(1) 50-29
END OF FIGURE						

**UNIT AND DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
STORAGE MODULE
REPAIR PARTS LIST**

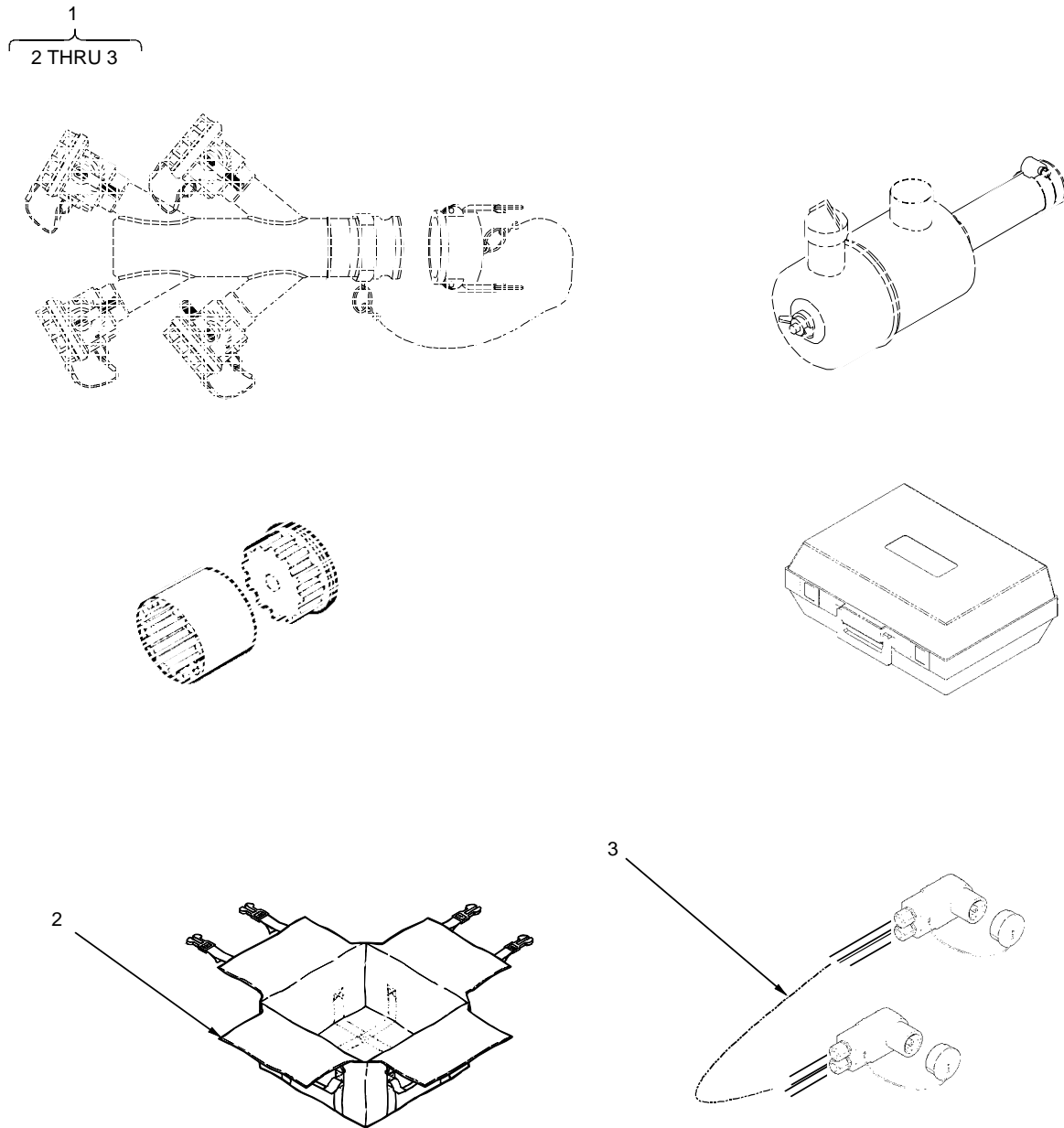


Figure 51. Storage Module

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 16 STORAGE MODULE	
					FIGURE 51. STORAGE MODULE	
1	PDOZZ	2540-01-517-1768	63631	532622-01-01	STORAGE MODULE.....	1
2	XDOZZ		63631	532615-12	. BAG, FUEL SYSTEM.....	1
3	PAOZZ	6150-01-248-9555	19207	11682336	. NATO CABLE.....	1
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 INLET MANIFOLD, 2-INCH UNISEX
 REPAIR PARTS LIST**

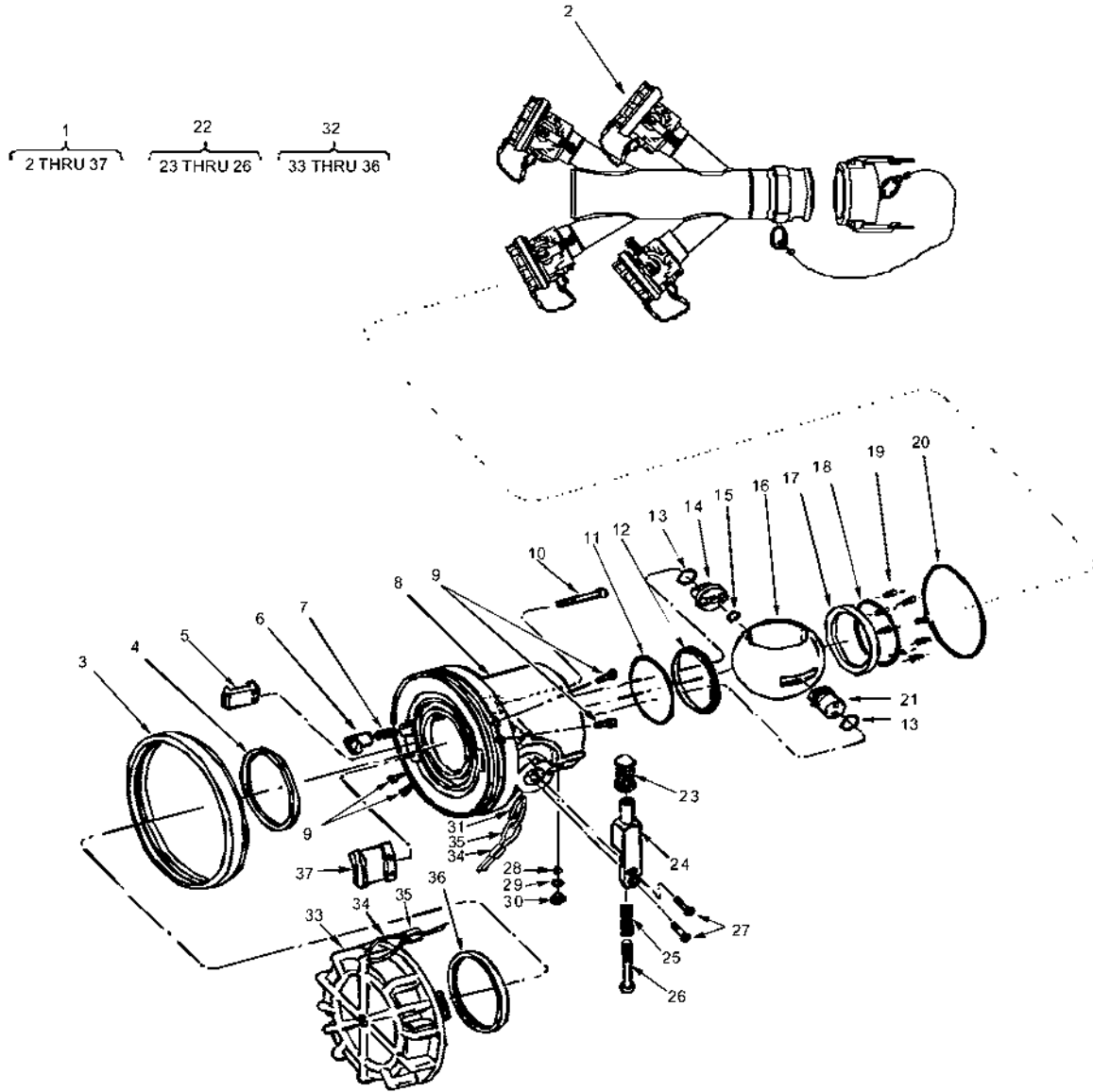


Figure 52. Inlet Manifold, 2-Inch Unisex

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 16 STORAGE MODULE						
FIGURE 52. INLET MANIFOLD, 2-INCH UNISEX						
1	PAOZZ	3835-01-515-4169	ODT23	64183-01	INLET MANIFOLD, 2" UNISEX.....	1
2	XDOZZ		ODT23	221578-1	. MANIFOLD.....	1
3	XDOZZ	2510-01-456-7850	ODT23	220161	. CAP, BUMPER.....	1
4	KFOZZ	5330-01-433-9203	ODT23	220146	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
5	PAOZZ	4820-01-504-8923	ODT23	220159-2	. LUG, SHORT.....	1
6	PAFZZ	5315-01-457-2803	ODT23	220151	. PIN, QUICK RELEASE.....	1
7	PAFZZ	5360-01-454-1830	ODT23	220149	. PIN, SPRING.....	1
8	XAFZZ	4820-01-503-0310	ODT23	220163-1	. BODY, TAN.....	1
9	PAOZZ	5305-01-191-4578	96906	MS16997-20L	. SCREW, CAP, SOCKET HE.....	4
10	PAFZZ	5305-01-456-1139	96906	MS16997-24L	. SCREW.....	1
11	KFFZZ	5331-00-641-0119	96906	MS29513-134	. O-RING, PART OF KIT P/N KD64020-1.....	1
12	KFFZZ	5330-01-456-9663	ODT23	220158	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
13	KFFZZ	5331-00-248-3840	96906	MS29513-014	. O-RING, PART OF KIT P/N KD64020-1.....	2
14	PAFZZ	5315-01-457-3252	ODT23	220150	. PIN, QUICK RELEASE.....	1
15	PAFZZ	5310-00-605-3789	83553	W0367-006-S	. WASHER, SPRING TENSIL.....	1
16	XDFZZ	4810-01-456-7622	ODT23	220152	. BALL, VALVED PORTED.....	1
17	KFOZZ	5330-01-456-9662	ODT23	220157	. SEAL, PLAIN, PART OF KIT P/N KD64020-1.....	1
18	KFOZZ	5331-00-291-7384	96906	MS29513-133	. O-RING, PART OF KIT P/N KD64020-1.....	1
19	XDOZZ	5360-01-461-5852	ODT23	220153	. SPRING.....	8
20	KFOZZ	5531-00-291-7337	96906	MS29513-228	. O-RING, PART OF KIT P/N KD64020-1.....	1
21	XDFZZ	2815-01-456-7605	ODT23	220154	. CONTROL SHAFT ASSEM.....	1
22	PAFFF	5340-01-458-8470	ODT23	47085	. HANDLE ASSY, MANUAL.....	1
23	XDFZZ		ODT23	220142	. GRIP.....	1
24	XDFZZ		ODT23	220147	. ARM.....	1
25	XDFZZ		ODT23	220145	. SPRING.....	1
26	XDFZZ		ODT23	220204	. SCREW.....	1
27	PAFZZ	5305-00-079-5835	96906	MS24693C50	. SCREW, MACHINE.....	2
28	PAOZZ	3310-01-504-8557	ODT23	220265	. BALL.....	41
29	KFOZZ	5331-00-248-3835	96906	MS29513-010	. O-RING, PART OF KIT P/N KD64020-1.....	1
30	PAOZZ	5305-00-988-1720	96906	MS35206-276	. SCREW, MACHINE.....	1
31	XDOZZ	5365-01-490-5797	ODT23	220482	. RING.....	1
32	PAOOO	2910-01-456-2273	ODT23	47062	. CAP ASSY, DUST.....	1
33	XDOZZ		ODT23	220162	. CAP.....	1
34	PAOZZ	4010-01-461-0033	ODT23	220201-1-18	. WIRE ROPE.....	1
35	XDOZZ	4030-00-431-5537	76691	28-2-G	. SLEEVE.....	2
36	PCOZZ	5330-01-433-9203	ODT23	220146	. SEAL.....	1
37	PAOZZ	4820-01-503-0710	ODT23	220159-1	. LUG, LONG.....	1
	PCOZZ	5330-01-458-5113	ODT23	KD64020-1	KIT, REPAIR PARTS	
					SEAL, PLAIN	(1) 52-4
					O-RING	(1) 52-11
					SEAL, PLAIN	(1) 52-12
					O-RING	(2) 52-13
					SEAL, PLAIN	(1) 52-17
					O-RING	(1) 52-18
					O-RING	(1) 52-20
					O-RING	(1) 52-29
END OF FIGURE						

**UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
AIR INTAKE ASSEMBLY
REPAIR PARTS LIST**

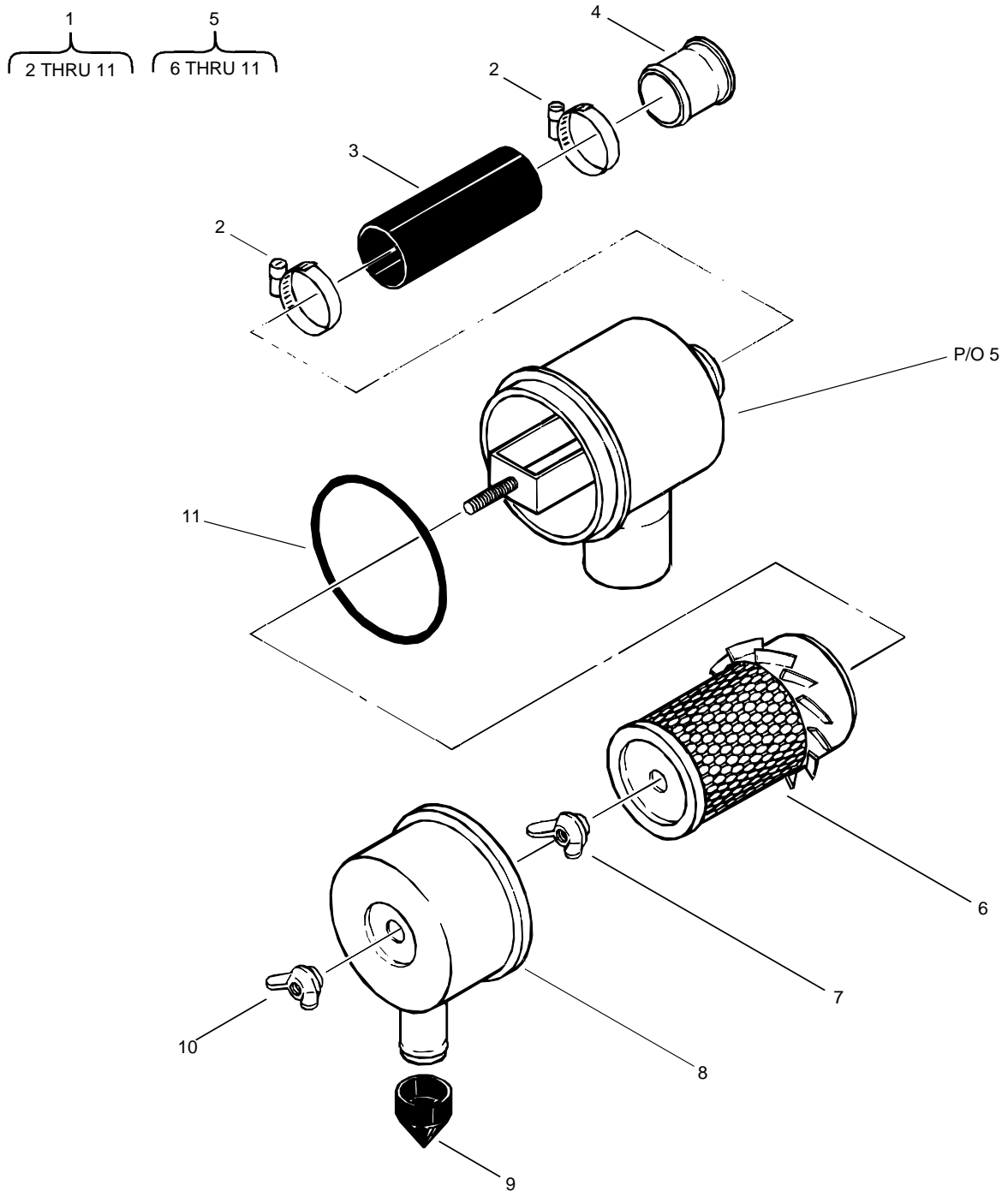


Figure 53. Air Intake Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 16 STORAGE MODULE						
FIGURE 53. AIR INTAKE ASSEMBLY						
1	XDOOO		63631	532204-01-01	AIR INTAKE ASSEMBLY	1
2	PAOZZ	4730-00-909-8627	96906	MS35842-13	. CLAMP, HOSE.....	2
3	PAOZZ	4720-01-218-6958	24161	24028	. HOSE, PREFORMED	1
4	XDOZZ		63631	532211-01-01	. COUPLER, AIR FILTER	1
5	XDOOO		76700	74017-C	. FILTER, AIR.....	1
6	PAOZZ	2940-01-450-5655	76700	70098N	. . FILTER ELEMENT	1
7	XDOZZ		76700	Q01440	. . WING NUT	1
8	XAOZZ		76700	Q33456	. . COVER ASSEMBLY	1
9	PAOZZ	2530-01-287-8811	76700	Q59111	. . DUST EJECTOR.....	1
10	XDOZZ		76700	Q56880	. . WING NUT	1
11	PAOZZ	5311-01-459-2046	76700	Q04188	. . O-RING	1
END OF FIGURE						

**UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
FLEX COUPLING
REPAIR PARTS LIST**

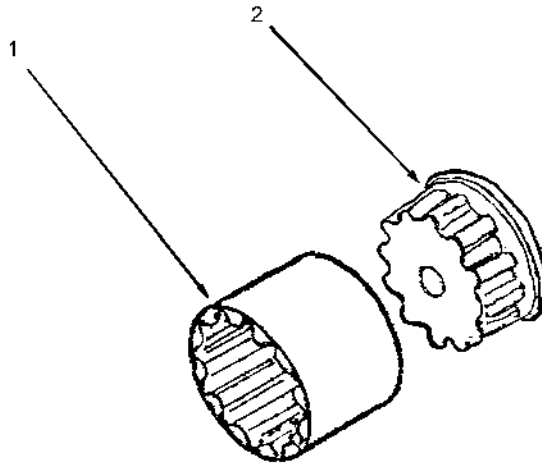


Figure 54. Flex Coupling

(1) ITE M NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 16 STORAGE MODULE	
					FIGURE 54. FLEX COUPLING	
1	PAOZZ	3010-01-461-5799	00143	6300110	COUPLING.....	1
2	XDOZZ		00143	2006490	SPLINED ADAPTER.....	1
END OF FIGURE						

**GENERAL SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
SPECIAL TOOLS KIT
REPAIR PARTS LIST**

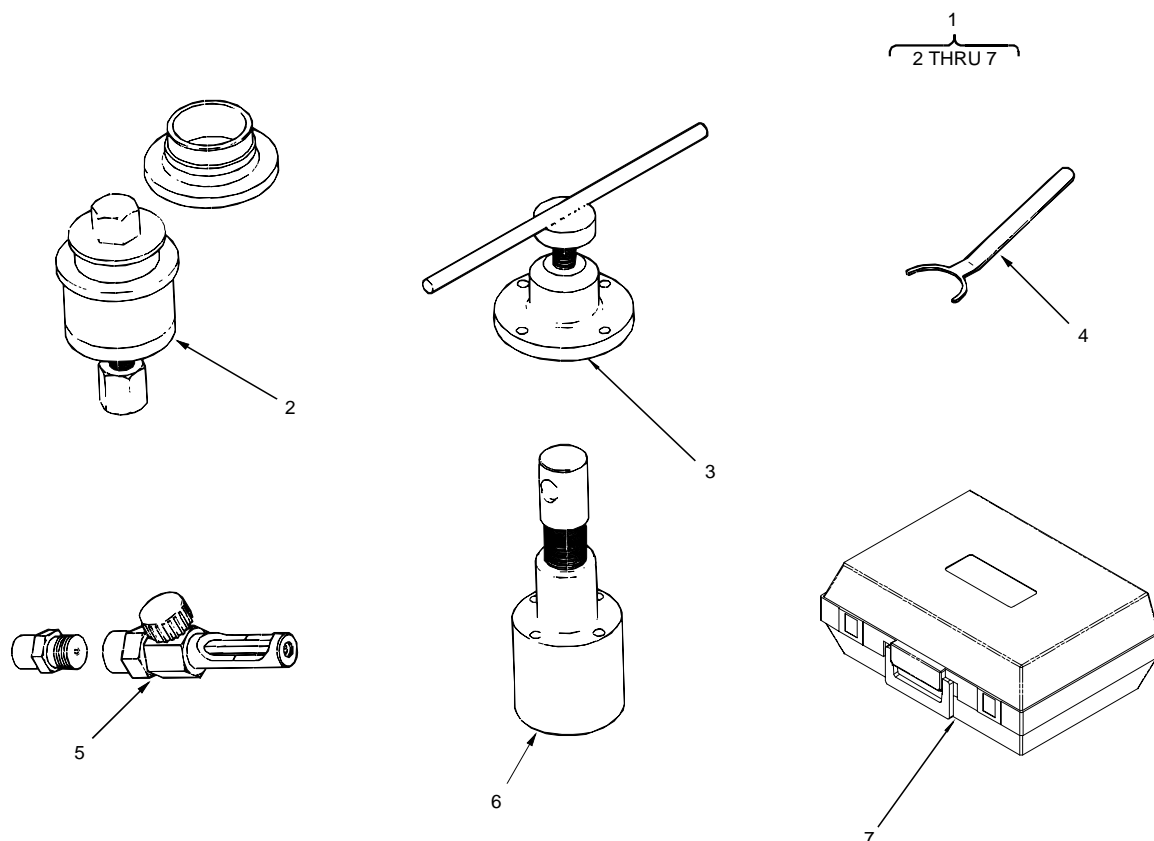


Figure 55. Special Tools Kit

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 16 STORAGE MODULE	
					FIGURE 55. SPECIAL TOOLS KIT	
1	XDHZZ		63631	532637-01-01	KIT, SPECIAL TOOLS	1
2	PEHZZ	5120-01-410-8262	62445	7700365180900	. REMOVER, BEARING AND BUSHING	1
3	PEHZZ	5120-01-496-2392	62445	7700365180020	. PULLER, MECHANICAL.....	1
4	PEHZZ	5120-01-413-8731	62445	7700365180910	. CENTRAL BEARING ASSEMBLY TOOL	1
5	PEHZZ	5120-01-413-8732	62445	770014600240	. INJECTION ADVANCE CONTROL TOOL.....	1
6	PEHZZ	5120-01-411-2234	62445	7700365180890	. GEAR EXTRACTOR	1
7	XDHZZ			15115	. TOOL CASE	1
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 500-GALLON LIQUID FUEL DRUM
 REPAIR PARTS LIST**

1
 2 THRU 19

11
 12 THRU 19

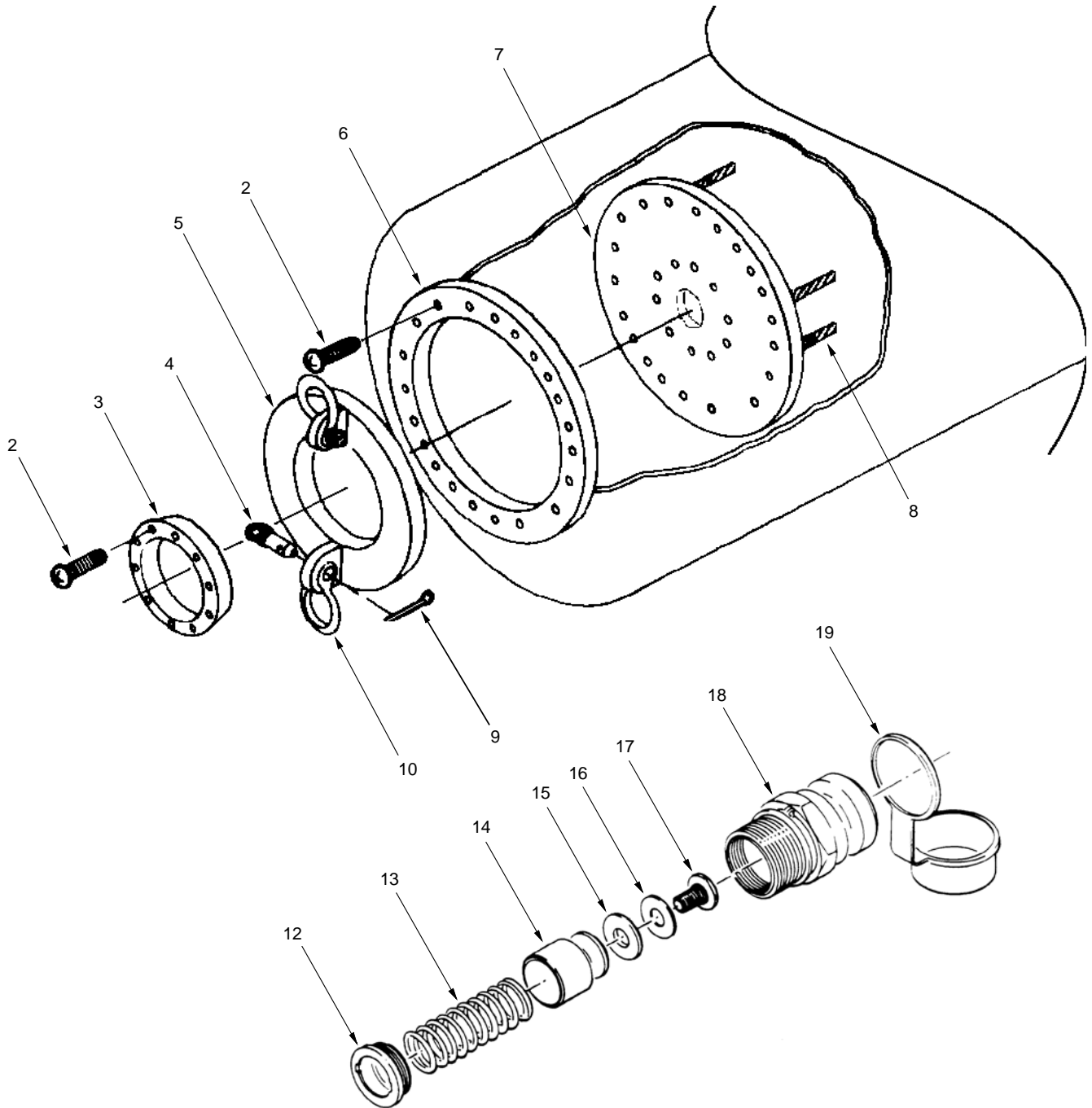


Figure 56. 500-Gallon Liquid Fuel Drum

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 17 LIQUID FUEL DRUM						
FIGURE 56. 500-GALLON LIQUID FUEL DRUM						
1	PAOOO	8110-01-515-4727	05476	91146-14	FUEL DRUM, 500 GALLON	1
2	PAFZZ	5305-00-978-9396	96906	MS16997-101	. SCREW, CAP.....	62
3	PBOZZ	8110-01-110-4817	97403	13216E9168	. RING, BEARING	2
4	PAOZZ	5306-01-118-1915	97403	13216E9193	. BOLT, EYE	4
5	PAOZZ	8110-01-104-5181	97403	13216E9163	. PLATE, SWIVEL	2
6	XDOZZ		97403	13216E9183	. RING CLOSURE	2
7	XAOZZ		97403	13216E9166	. PLATE, CLOSURE.....	2
8	XAOZZ		97403	91083-2	. CABLE ASSEMBLY	3
9	PAOZZ	5315-00-839-5822	96906	MS24665-353	. COTTER PIN.....	4
10	XDOZZ		05476	1,2042	. SHACKLE.....	4
11	PAOZZ		97403	13216E9191	. ADAPTER ASSEMBLY	2
12	XAOZZ		97403	13216E9182	.. RETAINER, SPRING	1
13	XAOZZ		97403	13216E9187	.. SPRING, HELICAL.....	1
14	XAOZZ		97403	13216E9179	.. HOUSING SPRING.....	1
15	PCOZZ		97403	13216E9176	.. GASKET, ADAPTER.....	1
16	XAOZZ		97403	13216E9185	.. WASHER.....	1
17	XAOZZ		97403	13216E9184	.. GUIDE, PIN	1
18	XAOZZ		97403	13216E9173	.. BODY, ADAPTER	1
19	PAOZZ	5340-01-119-7584	97403	13216E9192	.. DUST CAP	2
END OF FIGURE						

**DIRECT SUPPORT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 TOWING YOKE ASSEMBLY
 REPAIR PARTS LIST**

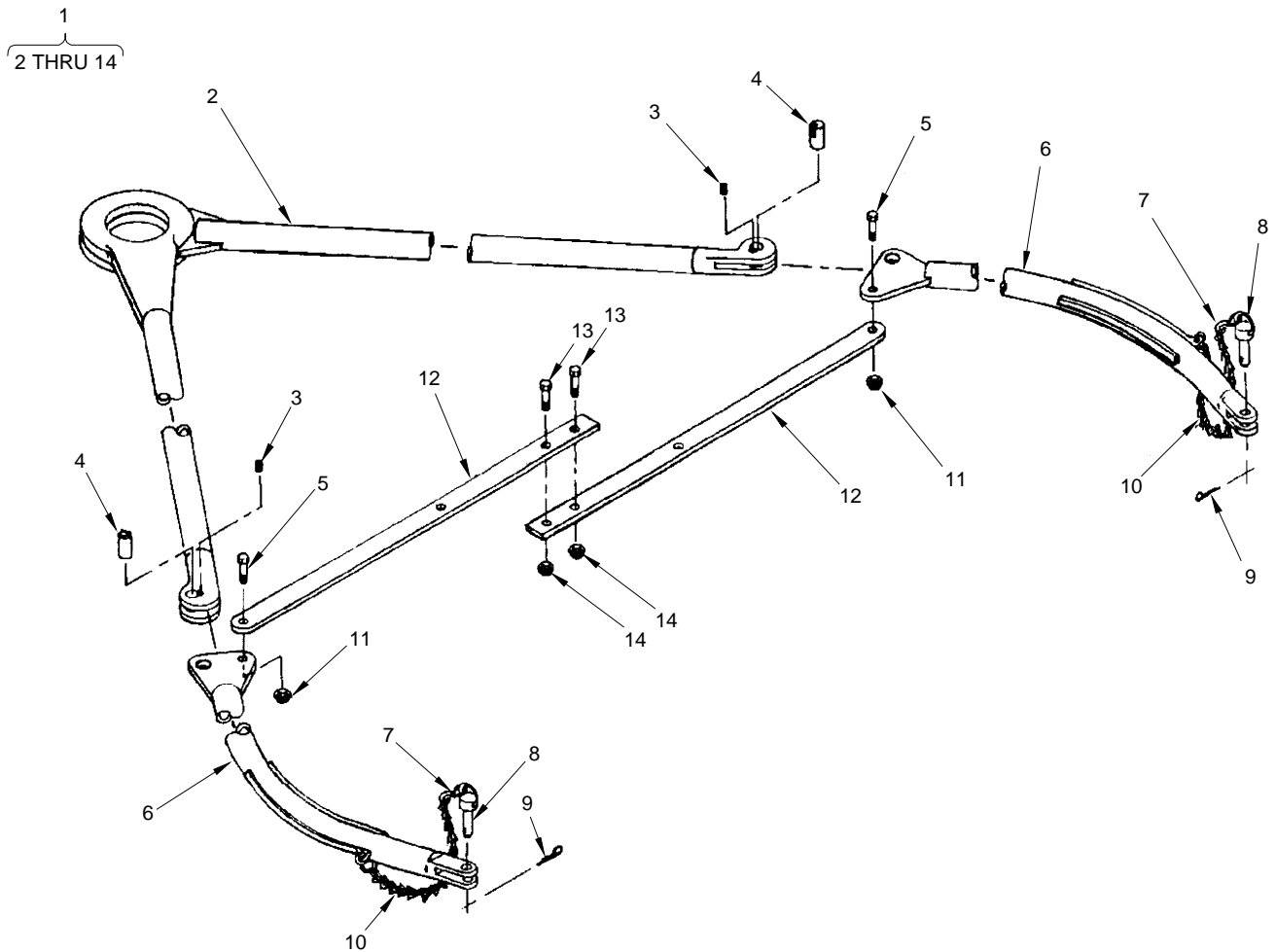


Figure 57. Towing Yoke Assembly

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 18 TOWING YOKE						
FIGURE 57. TOWING YOKE ASSEMBLY						
1	PAOOO	2540-01-517-1495	05476	91070	YOKE ASSEMBLY, TOWING AND LIFTING.....	1
2	XAOZZ		97403	13216E7993	. LEG, UPPER	2
3	PAOZZ	5305-00-723-9387	96906	MS51963-63	. SET SCREW	2
4	PAOZZ	5315-01-105-7350	97403	13216E7995	. PIN, STRAIGHT.....	2
5	PAOZZ	5305-00-941-3579	96906	MS35307-463	. SCREW, CAP, HEXAGON	2
6	XAOZZ		97403	13216E7992	. LEG, CONNECTING	2
7	PAOZZ	4030-00-948-7315	96906	MS87006-33	. HOOK, CHAIN	4
8	PAOZZ	5315-01-105-9474	84256	51001	. PIN, CLEVIS.....	2
9	PAOZZ	5315-00-839-5821	96906	MS24665-351	. PIN, COTTER	2
10	PAOZZ	4010-01-119-7382	81349	RR-C-271-NO8X10	. CHAIN LINKS, LG.....	2
11	PAOZZ	5310-00-245-8826	96906	MS16228-10C	. NUT, SELF LOCKING.....	2
12	XAOZZ		97403	13216E7994	. BRACE.....	2
13	PAOZZ	5305-00-727-6804	96906	MS35307-414	. SCREW, CAP, HEXAGON	2
14	PAOZZ	5310-00-241-6667	96906	MS16228-8C	. NUT, SELF LOCKING.....	2
END OF FIGURE						

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 19 PRESSURE CONTROL ASSEMBLY						
FIGURE 58. PRESSURE CONTROL ASSEMBLY						
1	XBOFZ	4930-00-855-8739	97403	13215E8372	PRESSURE CONTROL ASSEMBLY	1
2	XAOZZ	4730-00-288-8054	88044	AN933B1	. PLUG, PIPE, HX HD	1
3	PBOZZ	5310-00-415-2186	96906	MS16203-51	. NUT, PLAIN, HEX	10
4	XAOZZ		97403	13215E4200	. COVER, VALVE	1
5	PBOZZ	5315-01-105-9477	97403	13215E4195	. GUIDE, SHAFT	1
6	PBOZZ	5360-00-014-8492	97403	13215E4196	. SPRING, COMPRESSION	1
7	PBOZZ		96906	MS16203-54	. NUT, PLAIN, HEX	1
8	PBOZZ	5310-01-108-7555	97403	13215E4198	. WASHER, SHOULDERED	1
9	PAOZZ	4820-00-803-5412	97403	13215E8342	. DIAPHRAGM	1
10	PBOZZ	4820-01-113-0888	97403	13215E4193	. DISK, VALVE	1
11	PAOZZ	4930-00-803-5413	97403	13215E8343	. DISC.....	1
12	PBOZZ	5310-01-105-7238	97403	13215E4202	. SPACER	1
13	PBOZZ		97403	13215E4199	. WASHER, SMALL.....	1
14	XAOZZ	5306-01-106-0256	97403	13215E4197	. BOLT	1
15	PAOZZ	5307-01-105-7330	97403	13215E4201	. STUD, PLAIN	6
16	PBOZZ	4730-00-823-5316	96906	MS27029-9	. PLUG, QUICK DISCONNECT	1
17	PAOZZ	5330-00-360-0595	58536	AA59326-G5	. GASKET	2
18	PBOZZ	4730-00-203-1010	96906	MS27026-9	. COUPLING, QUICK DISCONNECT	1
19	PBOZZ	4730-00-188-3504	96906	MS27769C2	. PLUG, PIPE	2
20	PBOZZ	5305-01-105-6873	97403	13215E8372-11	. SCREW.....	1
21	PBOZZ	4730-00-360-0589	96906	MS27022-9	. COUPLING HALF, QUICK DISCONNECT	1
22	PBOZZ	4730-00-869-5246	96906	MS27028-9	. CAP, QUICK DISCONNECT.....	1
23	PAOZZ	5365-00-682-1762	96906	MS16633-1031	. RING, RETAINING.....	3
24	PBOZZ	4930-01-119-3397	97403	13215E4210	. BODY, CYCLING VALVE	2
25	PAOZZ	5331-00-248-3840	96906	MS29513-014	. O-RING	4
26	PAOZZ	5365-00-543-3029	96906	MS16634-1062	. RING, RETAINING.....	2
27	PBOZZ	5310-01-414-5630	97403	13215E4213	. WASHER	2
28	PBOZZ	5360-01-106-5547	97403	13215E4215	. SPRING, COMPRESSION	2
29	PAOZZ	5331-00-248-3833	81343	MS29513-008	. O-RING	6
30	PAOZZ	4820-00-014-4599	14555	5-14-642-42	. STEM, FLUID VALVE	2
31	PBOZZ	5305-01-194-0385	80205	MS51029-117	. SETSCREW.....	2
32	PBOZZ	4930-00-014-4600	97403	13215E4212	. PUSH BUTTON	2
33	PAOZZ	4930-00-014-4603	14555	5-14-640-46	. CASE, CONTROL.....	2
34	XAOZZ	5330-00-014-4606	97403	13215E4214	. RING	2
35	PBOZZ	5305-00-988-7602	80205	MS16995-26	. SCREW, CAP, SOCKET HD	6
36	XAOZZ		97403	13215E4191	. INLET, VALVE BODY	1
37	PBOZZ	5305-00-988-7616	80205	MS16995-52	. SCREW, CAP, SOCKET HD	1
38	PBOZZ	4930-00-014-4608	97403	13215E4194	. VENTURI THROAT.....	1
39	PAOZZ	5331-00-265-1093	96906	MS29513-028	. O-RING	4
40	PBOZZ	4820-01-104-7554	97403	13215E4205	. GUIDE, PILOT VALVE.....	1
41	PAOZZ		97403	13215E4219	. SEAL	1
42	PBOZZ	4820-01-104-0829	97403	13215E4204	. STEM, PILOT VALVE	1
43	PBOZZ	4520-01-112-3238	97403	13215E4216	. BELLOWS ASSEMBLY	1
44	PBOZZ	5305-00-988-7614	80205	MS16995-49	. SCREW, CAP, SOCKET HD	3
45	XBOZZ		97403	13215E4218	. STAND	1
46	PBOZZ	5310-00-989-5953	96906	MS35691-11	. NUT, PLAIN, HEX	1
47	PBOZZ	5305-00-006-2411	81348	FF-S-85	. SCREW, MACHINE, HEX.....	4
48	XAOZZ		97403	13215E4192	. OUTLET, VALVE BODY	1
49	PAOZZ	4720-00-014-8286	14555	110-2	. HOSE ASSEMBLY.....	1
50	PAOZZ	5330-00-360-0595	58536	AA59326-G5	. . GASKET.....	2
END OF FIGURE						

**UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
TRICON CONTAINER
REPAIR PARTS LIST**

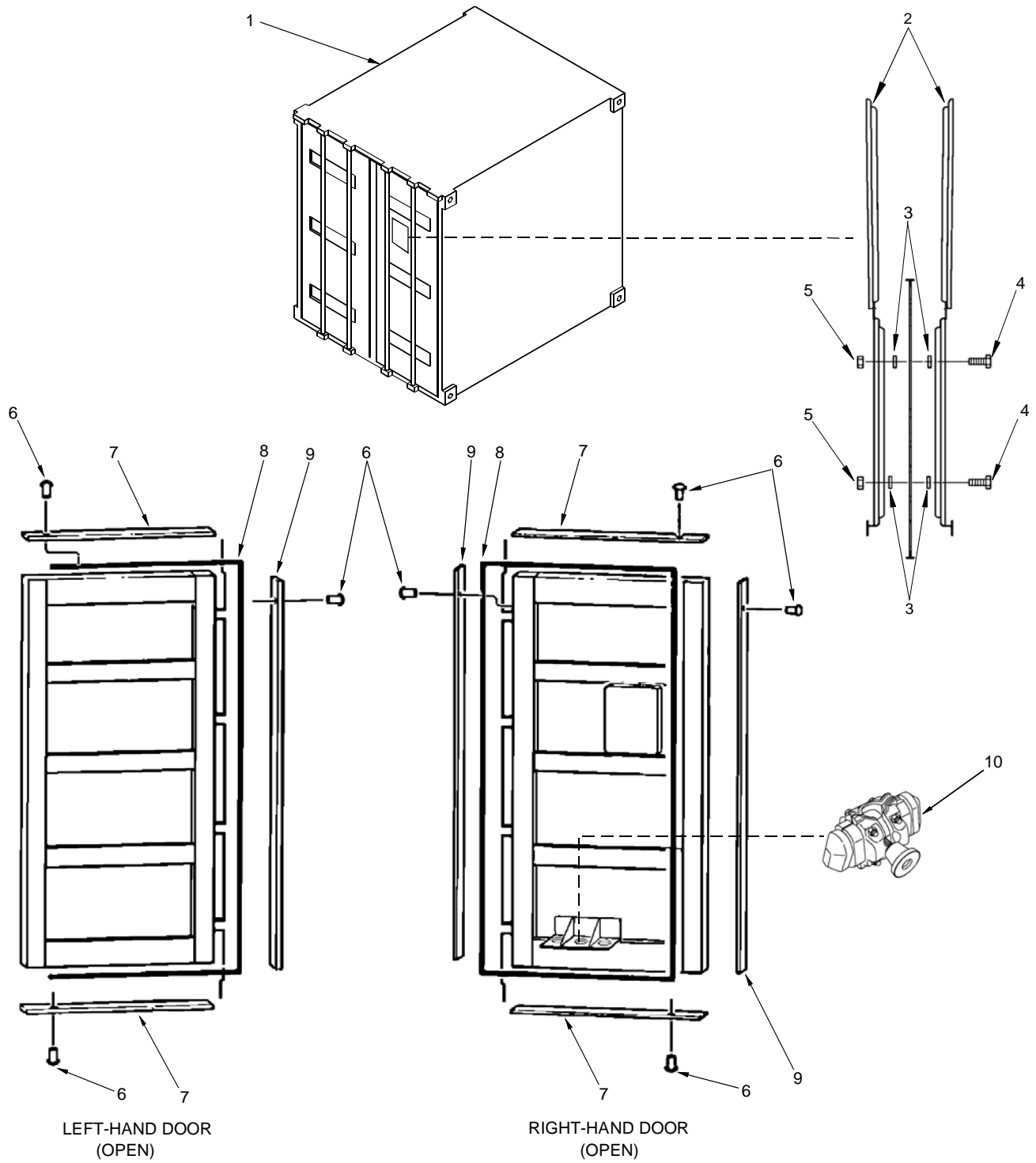


Figure 59. TRICON Container (Sheet 1)

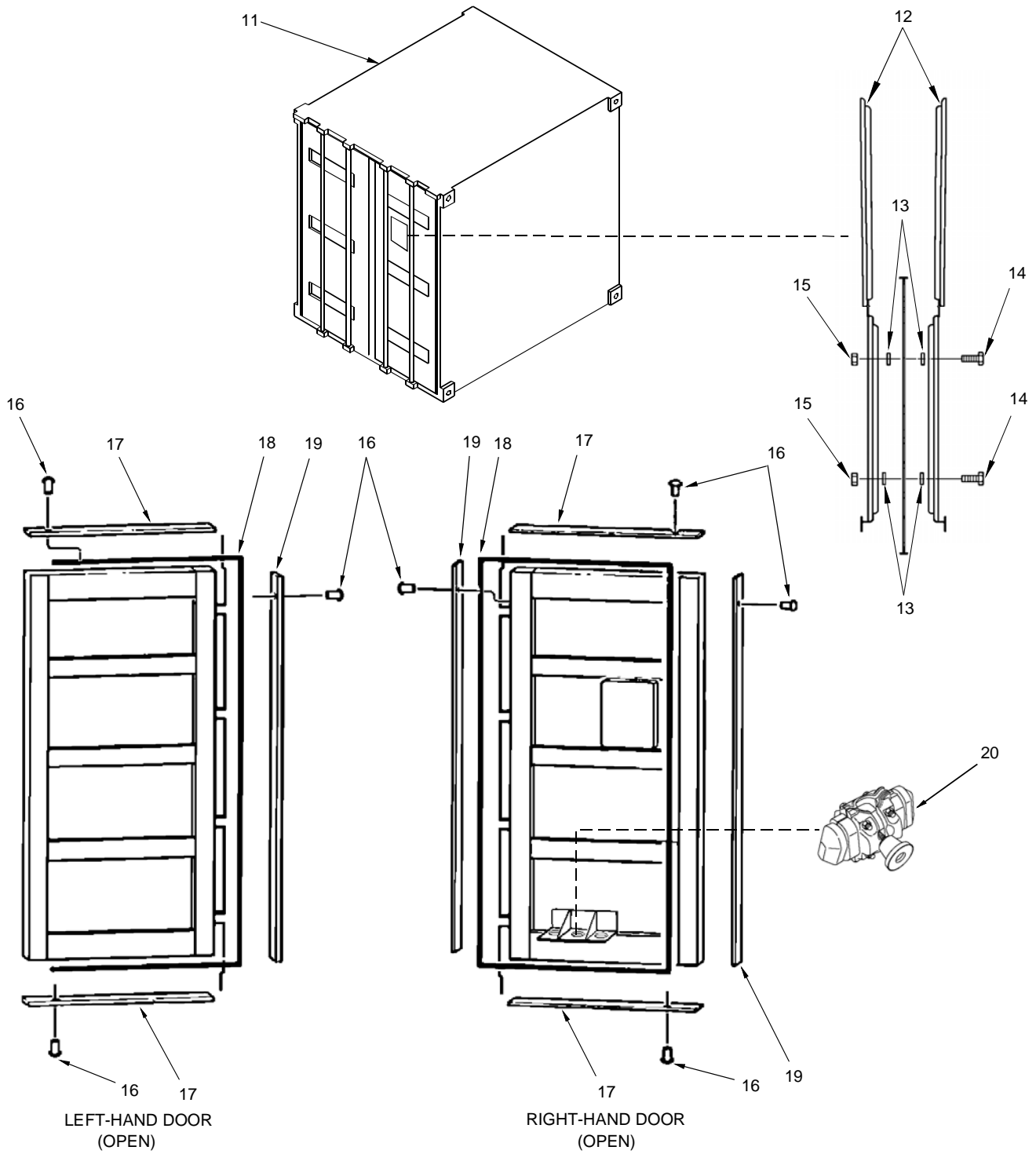


Figure 59. TRICON Container (Sheet 2)

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
GROUP 20 TRICON CONTAINER						
FIGURE 59. TRICON CONTAINER						
1	AAOOO	8145-01-475-9570	09PD1	CMCI-101C	TRICON 1 ASSEMBLE FROM 532031	1
2	PAOZZ	9905-01-503-4478	09PD1	1045-00	. HOLDER, DOCUMENT	2
3	XDOZZ		09PD1	582-12	. WASHER, INSULATING, 1/4 INCH	8
4	XDOZZ		09PD1	582-08	. SCREW, HEXAGON HEAD, 1/4-20 X 3/4 INCH	4
5	PAOZZ	5310-01-378-7587	19207	12387349-31	. NUT, SELF-LOCKING, 1/4-20	4
6	XDOZZ		09PD1	75-07	. RIVET	70
7	PAOZZ	5330-01-503-4885	09PD1	1031	. CARRIER, SEAL, SHORT	4
8	PAOZZ	5330-01-503-4873	09PD1	1029	. SET, SEALS	1
9	PAOZZ	5330-01-503-4883	09PD1	1030	. CARRIER, SEAL, LONG	3
10	PAOZZ	3040-01-387-4048	09PD1	1046	. CONNECTING LINK ASSEMBLY.....	3
11	AAOOO	8145-01-475-9570	09PD1	CMCI-101C	TRICON 2 ASSEMBLE FROM 532032	1
12	PAOZZ	9905-01-503-4478	09PD1	1045-00	. HOLDER, DOCUMENT	2
13	XDOZZ		09PD1	582-12	. WASHER, INSULATING, 1/4 INCH	8
14	XDOZZ		09PD1	582-08	. SCREW, HEXAGON HEAD, 1/4-20 X 3/4 INCH	4
15	PAOZZ	5310-01-378-7587	19207	12387349-31	. NUT, SELF-LOCKING, 1/4-20	4
16	XDOZZ		09PD1	75-07	. RIVET	70
17	PAOZZ	5330-01-503-4885	09PD1	1031	. CARRIER, SEAL, SHORT	4
18	PAOZZ	5330-01-503-4873	09PD1	1029	. SET, SEALS	1
19	PAOZZ	5330-01-503-4883	09PD1	1030	. CARRIER, SEAL, LONG	3
20	PAOZZ	3040-01-387-4048	09PD1	1046	. CONNECTING LINK ASSEMBLY.....	3
END OF FIGURE						

DIRECT SUPPORT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
FIRE EXTINGUISHER AND FRAME
REPAIR PARTS LIST

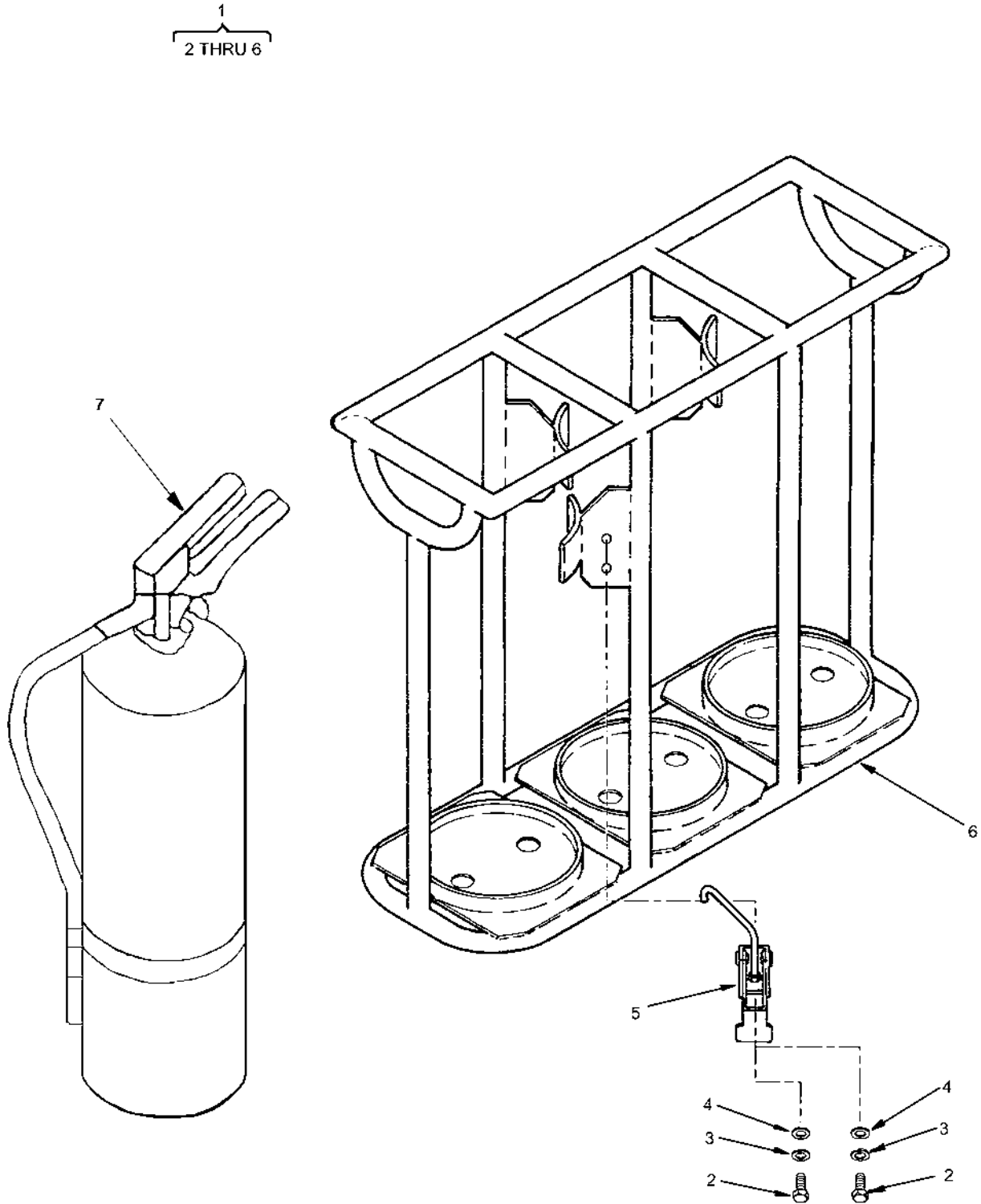


Figure 60. Fire Extinguisher and Frame

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 21	FRAME, FIRE EXTINGUISHER
					FIGURE 60.	FIRE EXTINGUISHER FRAME
1	PDOZZ	4210-01-517-1483	63631	532623-01-01	FRAME, FIRE EXTINGUISHER.....	1
2	PAOZZ	5305-00-702-4523	96906	MS35307-306	. SCREW, CAP, HEX HEAD, 0.250-20 X 0.750 L....	6
3	PAOZZ	5310-00-933-8121	96906	MS35338-139	. WASHER, LOCK, 0.250 ID	6
4	PAOZZ	5310-00-582-5677	96906	MS15795-810	. WASHER, FLAT, 0.250 ID	6
5	XDOZZ	4030-01-515-3172	63631	532673-01	. LATCH, ADJUSTABLE DRAW.....	3
6	XDOZZ		63631	532671-01-01	. FRAME, FIRE EXTINGUISHER	1
7	PAOZZ	4210-01-515-4061	63631	532071-01	FIRE EXTINGUISHER	1
END OF FIGURE						

**UNIT MAINTENANCE
 ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
 MANUAL STARTER KIT
 REPAIR PARTS LIST**

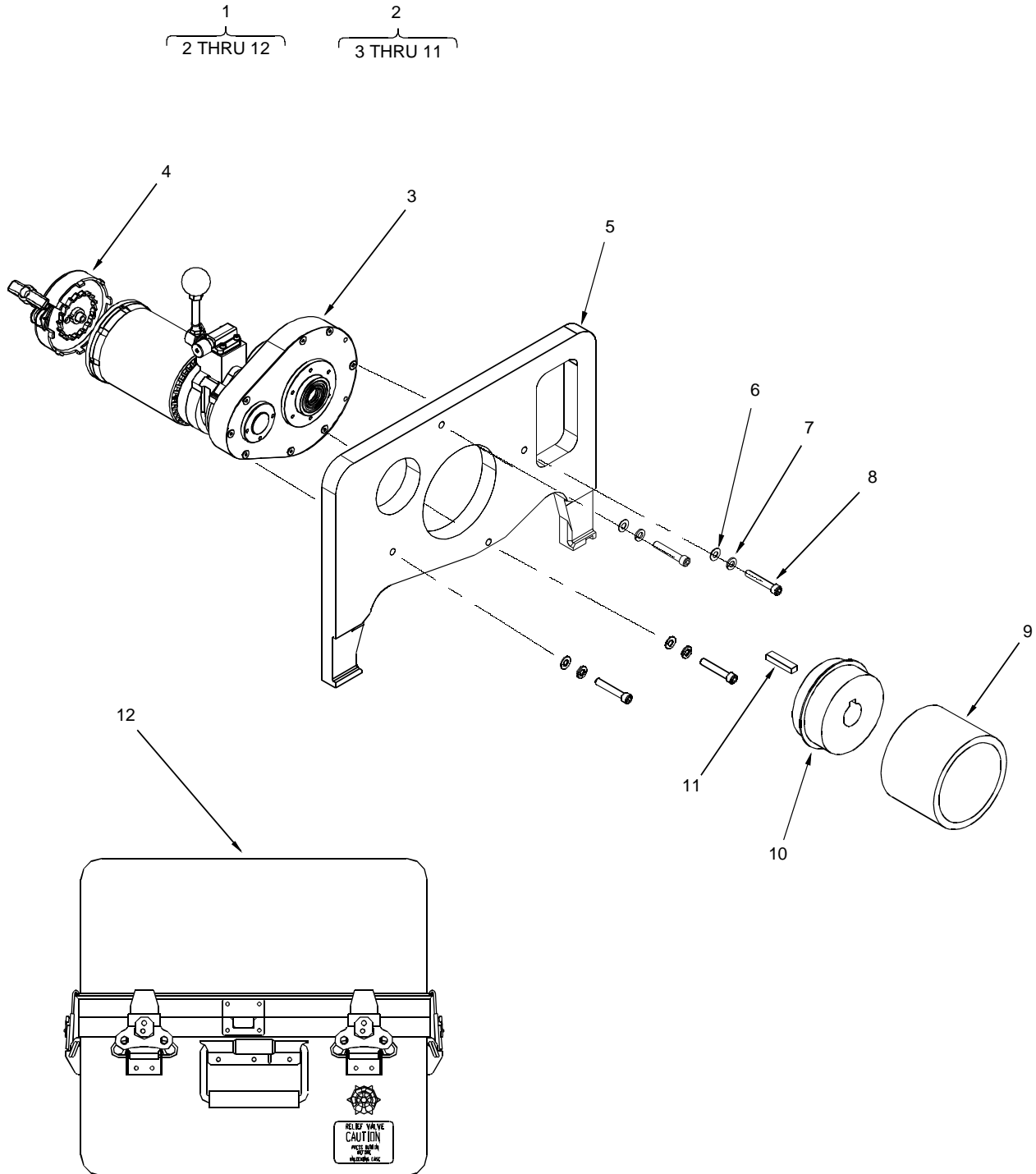


Figure 61. Manual Starter Kit

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 22	MANUAL STARTER KIT
					FIGURE 61.	MANUAL STARTER KIT
1	XDOOO		63631	532801-01-01	MANUAL STARTER KIT.....	1
2	PBOOO	2990-01-515-4256	63631	532800-01-01	. MANUAL STARTER ASSEMBLY.....	1
3	XDOOO		KA183	DE2015-5	. . SPRING STARTER	1
4	XDOZZ		KA183	0802	. . . END CAP ASSEMBLY.....	1
5	XDOZZ		63631	532811-01	. . BRACKET, METAL.....	1
6	PAOZZ		80205	NAS1149C0432R	. . WASHER, FLAT, 1/4	4
7	PAOZZ		96906	MS35338-139	. . WASHER, LOCK, 1/4	4
8	PAOZZ		96906	MS16996-26	. . SCREW	4
9	XDOZZ		00143	6400121	. . COUPLING, FLEXIBLE	1
10	XDOZZ		00143	2056550	. . ADAPTER, SPLINED	1
11	XDOZZ		80205	NAS558P1010-12	. . KEY-SQUARE, 0.3125 IN X 3/4 IN L.....	1
12	XDOZZ		63631	532764-14	. CONTAINER, REUSABLE.....	1
END OF FIGURE						

**UNIT MAINTENANCE
ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1
MISCELLANEOUS KITS
REPAIR PARTS LIST**

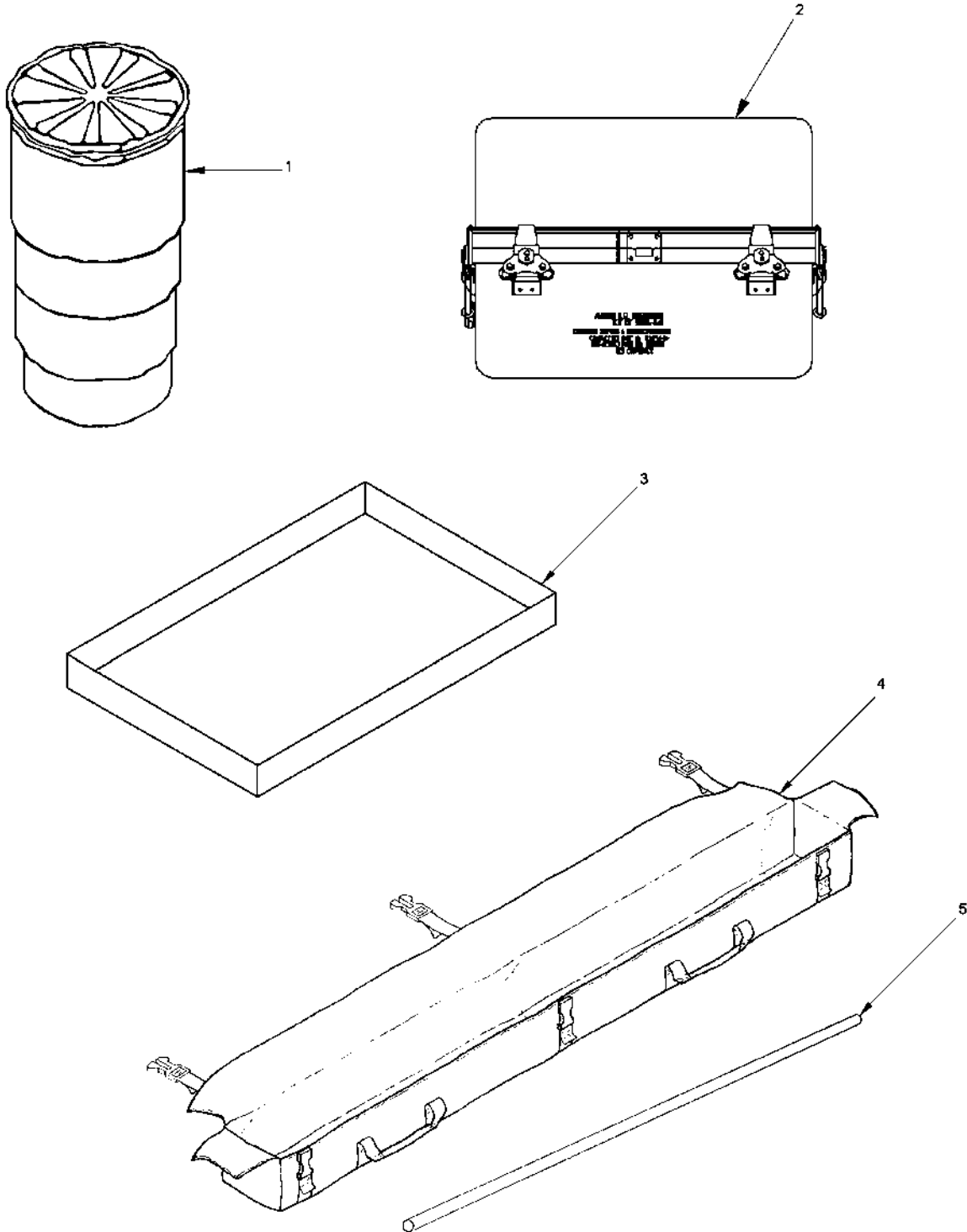


Figure 62. Fuel Spill Control Kit, Fuel Test Kit, Containment Kit, Ground Rod Kit

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					GROUP 23 KITS, FUEL, SPILL AND TEST	
					FIGURE 62. MISCELLANEOUS KITS	
1	PAOZZ	4325-01-515-4255	63631	532635-01-01	FUEL SPILL CONTROL KIT	1
2	PAOZZ	6630-01-515-5386	63631	532636-01-01	FUEL TEST KIT	1
3	PAOZZ	4325-20-001-1867	DCAE9	IBLR251512A	CONTAINMENT BERM	1
4	PAOZZ	5975-01-517-1526	63631	532621-01-01	GROUNDING ROD KIT	1
5	PAOZZ		63631	532672-01-01	. GROUND ROD	5
END OF FIGURE						

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5305-00-006-2411	58	47		43	42
5910-00-010-8718	17	49		43	68
5910-00-010-8721	17	55		43	103
4820-00-014-4599	58	30		45	27
4930-00-014-4600	58	32		46	29
4930-00-014-4603	58	33		47	27
5330-00-014-4606	58	34		48	29
4930-00-014-4608	58	38		49	29
4720-00-014-8286	58	49		50	27
5360-00-014-8492	58	6		52	27
5310-00-019-0672	17	36	5310-00-080-8495	14	29
5310-00-020-3260	24	4	5940-00-082-4663	17	21
5306-00-021-3912	24	2	5940-00-082-4745	17	50
5940-00-023-0515	14	5	4730-00-110-3722	11	31
5305-00-032-3692	27	28	5940-00-113-8179	17	76
5315-00-052-6632	5	12	5305-00-116-1539	4	33
5305-00-054-5649	16	7	5310-00-141-1795	26	33
5305-00-054-5651	2	30	5940-00-143-4771	17	67
	18	7	5940-00-143-4774	17	73
5305-00-054-6650	8	4	5940-00-143-4775	17	72
	17	54	5940-00-143-4794	17	69
5305-00-054-6653	16	18	5306-00-150-9873	7	14
5305-00-054-6654	2	32	5306-00-151-1421	26	34
5305-00-054-6655	2	33	5306-00-151-2439	6	19
	16	16	5360-00-155-5099	26	3
5305-00-054-6670	16	25	5306-00-156-2337	1	14
5305-00-054-6671	2	44		7	18
	16	3		11	43
	17	45	5306-00-156-2339	2	50
5305-00-059-3656	17	37	5306-00-156-2341	7	15
5305-00-059-3659	7	5	6210-00-159-1727	17	5
	14	31	5310-00-167-0765	7	12
	17	38	5310-00-167-0803	4	15
5305-00-059-3660	2	20		6	18
	7	17		24	3
5305-00-059-3662	17	22	5310-00-167-0804	5	16
5305-00-059-3666	7	13	5310-00-167-0809	5	6
5305-00-059-3677	16	11	5210-00-167-0814	1	8
5305-00-059-5432	6	30		2	4
5320-00-062-0658	6	24		9	6
5310-00-069-5291	5	34		11	40
5305-00-071-2094	16	10		18	4
5305-00-079-5835	10	38	5331-00-172-6348	5	14
	12	38	5305-00-180-0012	6	13
	13	27	5306-00-182-1952	11	42
	19	27	5306-00-182-2051	1	10
	21	27	5331-00-182-3170	5	22
	29	27	5305-00-185-0713	27	9
	30	42	4730-00-186-9963	8	19
	30	69		8	29
	31	27		8	37
	31	64	4730-00-187-0087	8	20
	32	27	4730-00-187-0088	11	14
	33	27	4730-00-188-3504	58	19
	34	42	4730-00-196-9585	8	11
	34	70		11	16
	35	27	6680-00-197-4942	11	35
	38	27	4730-00-203-1010	58	18
	40	27	5305-00-207-8253	18	12
	41	27	6145-00-220-9660	2	13
	42	27	5310-00-225-5328	14	30

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5305-00-225-9451	9	3		43	89
5940-00-230-0515	7	20		45	13
	11	47		46	15
	17	60		47	13
5315-00-234-1864	26	31		48	15
5330-00-235-4716	11	34		49	15
5310-00-241-6667	57	14		50	13
4730-00-241-8349	8	10		52	13
5999-00-243-6500	1	25		58	25
	17	24	5331-00-248-3845	5	10
5310-00-245-8826	57	11		10	17
5331-00-248-3833	58	29		12	17
5331-00-248-3834	10	15		30	15
	12	15		34	15
	30	13		43	15
	34	13	5331-00-251-9367	1	9
	43	13		10	29
5331-00-248-3835	13	29		11	41
	19	29		12	29
	21	29		30	3
	24	20		34	3
	26	10		43	3
	28	14	5305-00-253-5618	6	2
	29	29		59	12
	30	71		59	24
	31	29	5331-00-263-5173	27	49
	31	66	5331-00-263-8011	10	21
	32	29		12	21
	33	29		25	26
	34	72		26	16
	35	29		30	19
	37	14		34	19
	38	29		43	19
	40	29	5331-00-265-1076	25	6
	41	29	5331-00-265-1089	27	30
	42	29	5331-00-265-1093	58	39
	43	70	6240-00-266-9940	17	4
	43	105	4730-00-278-3678	11	8
	45	29	5331-00-279-9322	4	18
	46	31	5331-00-279-9351	4	51
	47	29	4730-00-288-8054	58	2
	48	31	5331-00-291-3273	25	9
	49	31	5331-00-291-7295	27	47
	50	29	5331-00-291-7337	13	20
	52	29		19	20
5331-00-248-3840	13	13		21	20
	19	13		24	18
	21	13		28	12
	29	13		29	20
	30	55		30	62
	31	13		31	20
	31	50		31	57
	32	13		32	20
	33	13		33	20
	34	56		34	63
	35	13		35	20
	38	13		37	12
	40	13		38	20
	41	13		40	20
	42	13		41	20
	43	54		42	20

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM	
5331-00-291-7337	43	61		40	35	
	43	96		41	35	
	45	20		42	35	
	46	22		43	21	
	47	20		43	76	
	48	22		43	111	
	49	22		45	35	
	50	20		46	37	
	52	20		47	35	
	5331-00-291-7384	13	18		48	37
		19	18		49	37
		21	18		50	35
		29	18		52	35
30		60	5925-00-452-1270	17	42	
31		18	5310-00-458-2115	4	45	
31		55	5940-00-465-6149	1	17	
32		18	5310-00-477-6768	14	16	
33		18	5935-00-496-7171	1	26	
34		61		17	25	
35		18	5331-00-498-5806	4	36	
38		18	5310-00-515-7449	16	9	
40		18	5310-00-515-8058	25	10	
41	18	5331-00-527-8555	5	40		
42	18	5331-00-531-4588	25	21		
43	59	5310-00-531-9515	2	39		
43	94	5905-00-539-1559	17	43		
45	18	4720-00-540-1368	14	21		
46	20	4730-00-541-6092	44	4		
47	18	5365-00-543-3029	58	26		
48	20	5975-00-553-7151	3	5		
49	20	5940-00-557-1629	17	75		
50	18	5935-00-567-0128	15	2		
52	18	5310-00-582-5677	60	4		
9505-00-293-4208	8	13	5305-00-590-7863	14	23	
5331-00-328-9131	4	49	5310-00-595-6211	17	26	
4730-00-360-0589	58	21	5365-00-598-5417	1	23	
5330-00-360-0595	58	17	5310-00-605-3789	13	15	
	58	50		19	15	
5331-00-364-9762	4	8		21	15	
4820-00-407-2581	11	26		29	15	
5310-00-415-2186	58	3		30	57	
4030-00-431-5537	10	5		31	15	
	12	5		31	52	
	13	35		32	15	
	19	35		33	15	
	21	35		34	58	
	24	16		35	15	
	24	25		38	15	
	28	20		40	15	
	29	35		41	15	
	30	21		42	15	
	30	77		43	56	
	31	35		43	91	
	31	72		45	15	
	32	35		46	17	
	33	35		47	15	
	34	21		48	17	
	34	78		49	17	
	35	35		50	15	
	37	20		52	15	
	38	35	5330-00-612-2414	46	2	

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5330-00-612-2414	48	2	5315-00-839-5822	56	9
5325-00-613-8997	25	15	5310-00-844-3302	2	23
5310-00-619-1148	17	16		6	15
5365-00-632-3103	17	20		7	1
5306-00-638-7719	4	14		8	31
4730-00-639-9869	11	7	5310-00-844-4872	6	27
5331-00-641-0119	13	11		7	9
	19	11		8	9
	21	11		11	45
	29	11		14	3
	30	53	4930-00-848-1310	26	2
	31	11	5310-00-851-2682	6	20
	31	48	4930-00-855-8739	58	1
	32	11	5331-00-860-2395	5	36
	33	11	4730-00-869-5246	58	22
	34	54	5310-00-878-3292	17	40
	35	11	5310-00-878-7196	2	41
	38	11	5310-00-880-5975	2	42
	40	11	5310-00-880-5977	14	24
	41	11	5310-00-880-5978	16	2
	42	11		17	44
	43	52	5310-00-881-0943	3	221
	43	87	5310-00-881-0944	1	7
	45	11		6	23
	46	13		9	7
	47	11		11	39
	48	13	6210-00-888-2648	17	6
	49	13	5310-00-889-2589	2	49
	50	11	5310-00-889-2589	16	21
	52	11	5330-00-899-4509	49	2
5961-00-650-9651	17	47	5975-00-903-2284	17	28
5930-00-655-4247	17	10	5930-00-906-3477	17	14
5930-00-660-3950	17	12	4730-00-908-3195	2	18
5355-00-680-1357	17	46		3	92
5365-00-682-1762	58	23	4730-00-909-8627	53	2
5305-00-682-2018	7	16	5310-00-929-1807	14	27
5935-00-686-0447	15	3	5310-00-929-6395	8	5
5305-00-688-2020	4	2	5310-00-929-6395	17	53
5305-00-702-4523	60	2	5310-00-933-8119	5	27
4730-00-719-2787	8	41		16	26
5310-00-721-4434	26	21	5310-00-933-8121	1	13
5310-00-722-5998	16	15		7	8
5305-00-723-9387	57	3		14	28
5305-00-725-3626	7	6		16	22
5305-00-727-6804	1	6		18	11
	57	13		60	3
5310-00-764-9564	5	38	5310-00-933-8778	6	5
5310-00-773-7624	5	3	5305-00-940-9491	5	2
5305-00-780-8456	17	19	5305-00-941-3579	57	5
5310-00-781-9483	5	24	4030-00-948-7315	57	7
5310-00-782-1349	16	6	3110-00-965-8485	25	13
5310-00-782-8369	16	28	5310-00-974-6623	2	7
4820-00-803-5412	58	9		6	22
4930-00-803-5413	58	11		18	5
5310-00-807-1467	17	15	5805-00-978-9388	26	12
5310-00-811-6419	17	27	5305-00-978-9396	56	2
5940-00-813-0698	17	74	5310-00-982-4999	18	2
4730-00-823-5316	58	16	5305-00-983-6659	27	3
5315-00-823-8743	4	24	5975-00-984-6582	1	20
5330-00-833-4210	26	8		2	14
5315-00-839-5821	57	9		8	26

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	8	34	6145-01-060-7868	17	71
5975-00-984-6582	17	56	5925-01-075-6783	17	41
5310-00-984-7042	6	21	5305-01-084-5397	27	21
5305-00-988-1720	13	30	5360-01-089-8147	27	19
	19	30	5935-01-097-0399	17	33
	21	30	4820-01-104-0829	58	42
	24	21	8110-01-104-5181	56	5
	28	15	4820-01-104-7554	58	40
	29	30	5305-01-105-6873	58	20
	30	72	5310-01-105-7238	58	12
	31	30	5307-01-105-7330	58	15
	31	67	5315-01-105-7350	57	4
	32	30	5315-01-105-9474	57	8
	33	30	5315-01-105-9477	58	5
	34	73	5306-01-106-0256	58	14
	35	30	5360-01-106-5547	58	28
	37	15	5310-01-108-7555	58	8
	38	30	8110-01-110-4817	56	3
	40	30	4520-01-112-3238	58	43
	41	30	4820-01-113-0888	58	10
	42	30	5306-01-118-1915	56	4
	43	71	4930-01-119-3397	58	24
	43	106	4010-01-119-7382	57	10
	45	30	5340-01-119-7584	56	19
	46	32	4030-01-124-8201	3	112
	47	30		8	16
	48	32	5340-01-156-3868	7	4
	49	32	5340-01-156-5483	2	21
	50	30		7	3
	52	30	5340-01-160-0398	8	32
5305-00-988-7602	58	35	5970-01-161-6796	1	21
5305-00-988-7614	58	44	5320-01-163-0178	14	11
5305-00-988-7616	58	37	4820-01-167-6550	36	2
5310-00-989-0908	2	40	5935-01-190-6724	17	31
5310-00-989-5945	6	6	5305-01-191-4578	10	24
5310-00-989-5953	58	46		12	24
6210-00-989-9885	17	1		13	9
5331-01-007-1600	4	23		19	9
5331-01-007-4899	25	23		21	9
	26	40		24	13
5330-01-010-2419	26	6		27	27
5905-01-021-0991	17	48		28	8
5315-01-025-4510	26	22		29	9
6680-01-030-4391	11	36		30	30
6145-01-042-4621	1	22		30	51
	17	68		31	9
6145-01-044-8798	17	59		31	46
	17	62		32	9
4930-01-053-0185	25	17		33	9
5365-01-053-0186	25	7		34	30
4930-01-053-0187	25	20		34	52
4930-01-053-0188	25	8		35	9
4930-01-053-0189	25	28		37	8
4930-01-053-0190	25	16		38	9
5340-01-053-0192	26	28		40	9
4930-01-053-0194	26	5		41	9
5330-01-053-0217	24	5		42	9
5330-01-053-0221	25	5		43	30
5340-01-054-1766	6	25		43	50
6145-01-057-9413	17	70		43	85
6145-01-057-9417	17	66		45	9

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	46	11	2815-01-331-6233	3	171
5305-01-191-4578	47	9	5342-01-337-3209	3	110
	48	11	5360-01-338-0240	25	14
	49	11	5310-01-338-4121	2	29
	50	9		18	3
	52	9	5935-01-341-0800	1	24
5305-01-194-0385	58	31	5315-01-341-8766	26	19
6210-01-194-6500	17	8	5970-01-351-6800	7	22
5305-01-210-1648	10	19		11	49
	12	19		14	7
	30	17	5310-01-352-2752	2	22
	34	17		7	2
	43	17		8	30
5970-01-212-9556	14	20	5310-01-352-9572	4	32
4720-01-218-6958	53	3	5310-01-352-9575	6	14
4930-01-238-0258	11	23	5310-01-352-9588	2	31
5331-01-244-2274	24	6		8	6
	25	3		17	52
4930-01-244-8043	26	13	5310-01-352-9592	1	12
5360-01-246-2501	25	24		7	7
	26	20		8	8
3110-01-247-1056	25	25		18	10
	26	17	5310-01-352-9593	4	3
5330-01-247-1080	24	7		6	28
	25	4		11	44
5935-01-248-4940	17	29	5970-01-356-5560	7	21
8150-01-248-9555	51	3		11	48
5935-01-251-2825	16	4		14	6
4730-01-257-4763	40	1	5970-01-356-5560	17	65
4730-01-259-5838	19	1	5310-01-357-5756	3	13
5330-01-264-0134	26	30	5310-01-357-5762	3	70
6140-01-266-1633	14	26	5365-01-358-1050	7	10
5935-01-272-0060	17	23		14	2
5935-01-280-5470	2	27	5305-01-358-8291	3	222
	16	17	5320-01-359-4667	16	20
5930-01-281-0051	16	5	4730-01-359-8271	3	99
	18	8	4330-01-362-2178	11	22
5331-01-281-6513	4	47	5935-01-362-6299	1	27
5935-01-282-9854	2	26	4730-01-376-1727	42	1
2530-01-287-8811	53	9	5310-01-378-7587	59	5
4730-01-289-3572	13	1	4930-01-383-9467	27	1
	21	1	3110-01-385-3438	26	29
5935-01-290-6996	1	28	5315-01-385-5535	26	4
4730-01-296-9462	37	1	4820-01-385-8903	26	32
4730-01-297-6812	38	1	3040-01-385-8986	26	18
4730-01-298-0150	45	1	4930-01-385-9453	26	39
4730-01-298-0151	46	1	4930-01-385-9488	26	27
4930-01-307-2721	25	2	3040-01-387-4048	59	10
4010-01-308-5097	8	15	5310-01-388-2287	3	220
5930-01-308-5118	17	7	6150-01-392-0442	27	2
5330-01-313-7899	3	90	5310-01-393-0861	14	18
5330-01-313-7900	9	2	5305-01-393-1891	3	59
2815-01-319-7485	3	174	5360-01-393-1894	3	73
5340-01-324-0954	26	36	5305-01-393-1897	3	133
5970-01-324-7870	1	18	5305-01-393-1900	3	126
5930-01-328-5275	3	107	5305-01-393-1901	3	144
2920-01-328-5289	3	224	5305-01-393-1903	3	147
2920-01-328-5303	3	54	5305-01-393-1904	3	154
2815-01-328-6202	3	128	5305-01-393-1907	3	71
4330-01-331-2704	3	117	5330-01-393-2897	3	68
2815-01-331-6232	3	173	5331-01-393-2899	3	195

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5331-01-393-2900	3	136	3040-01-400-6086	3	196
5330-01-393-2902	3	149	5360-01-406-0040	3	197
5310-01-393-3776	3	93	5310-01-406-0838	3	81
5310-01-393-4905	3	109	5365-01-406-6401	3	86
5340-01-393-6806	3	74	5330-01-406-7022	3	105
5310-01-393-9396	3	153	5930-01-407-0053	3	106
5310-01-393-9397	3	69	2815-01-407-4908	3	87
5340-01-393-9399	3	151	5120-01-410-8262	55	2
5340-01-394-3554	3	76	5120-01-411-2234	55	6
5340-01-394-3559	3	72	4730-01-413-2614	26	14
5945-01-396-0626	17	39	5120-01-413-8731	55	4
5310-01-396-1757	6	4	5120-01-413-8732	55	5
5235-01-396-2273	3	169	5310-01-414-5630	58	27
5325-01-396-2274	3	194	4730-01-414-7864	27	50
5325-01-396-2275	3	216	5340-01-415-1292	26	37
5360-01-396-2277	3	172	4330-01-417-9422	8	23
4730-01-396-2380	3	116	3040-01-418-0063	3	182
5315-01-396-2923	3	209	4820-01-421-6496	16	14
5315-01-396-2925	3	208	5340-01-421-9531	3	84
5315-01-396-2928	3	212	5340-01-421-9533	3	104
5315-01-396-2930	3	205	5310-01-422-0728	3	7
5340-01-396-3963	3	15	5970-01-423-2087	17	61
5340-01-396-3966	3	200	5331-01-424-0680	4	46
5340-01-396-3968	3	129	4730-01-424-0896	28	1
4730-01-396-5197	3	146	3040-01-430-2606	26	25
4730-01-396-5202	3	10	2940-01-430-7333	3	125
5330-01-396-5884	3	148	2910-01-430-7335	3	80
5330-01-396-5885	3	170	2815-01-430-7336	3	58
5331-01-396-5886	3	141	2815-01-430-8933	3	186
5310-01-396-7277	3	214	2815-01-431-7423	3	176
5305-01-396-7278	3	25	5330-01-433-9203	13	4
5305-01-396-7280	3	19		13	36
5305-01-396-7282	3	207		19	4
5305-01-396-7285	3	120		19	36
5305-01-396-7286	3	17		21	4
5305-01-396-7287	3	177		21	36
5305-01-396-7290	3	9		24	9
5305-01-396-7292	3	130		24	26
5305-01-396-7295	3	8		28	4
5310-01-396-8040	3	56		28	21
5310-01-396-8049	3	78		29	4
5310-01-396-8050	2	3		29	36
5330-01-396-8052	3	2		30	46
5310-01-396-8054	3	77		30	78
5310-01-396-8055	3	168		31	4
5310-01-396-8056	3	108		31	36
5330-01-396-8058	2	11		31	41
5331-01-396-8060	3	127		31	73
5310-01-396-8061	3	123		32	4
3120-01-396-8425	3	135		32	36
3120-01-397-0872	3	201		33	4
5310-01-397-5142	3	100		33	36
5330-01-397-8789	3	213		34	47
5340-01-400-1085	3	183		34	79
5360-01-400-1927	3	185		35	4
5430-01-400-2176	3	193		35	36
5340-01-400-2178	3	188		37	4
5305-01-400-2838	3	187		37	21
5305-01-400-2839	3	192		38	4
3040-01-400-6082	3	198		38	36
3040-01-400-6084	3	189		40	4

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	40	36		48	9
	41	4		49	9
5330-01-433-9203	41	36		50	7
	42	4		52	7
	42	36	5305-01-456-1139	13	10
	43	45		19	10
	43	77		21	10
	43	80		29	10
	43	112		30	52
	45	4		31	10
	45	36		31	47
	46	6		32	10
	46	38		33	10
	47	4		34	53
	47	36		35	10
	48	6		38	10
	48	38		40	10
	49	6		41	10
	49	38		42	10
	50	4		43	51
	50	36		43	86
	52	4		45	10
	52	36		46	12
5365-01-435-1566	20	2		47	10
5340-01-435-2428	20	10		48	12
5305-01-435-2855	18	6		49	12
5305-01-435-2856	20	9		50	10
5330-01-435-3780	20	6		52	10
5330-01-435-3782	20	15	5340-01-456-1334	10	33
5330-01-435-3783	20	3		12	33
5330-01-435-3786	20	11		30	37
4730-01-435-4619	20	7		34	37
5315-01-435-4833	20	14		43	37
4820-01-435-5887	20	5	2910-01-456-2273	13	32
5910-01-438-0734	17	34		19	32
4930-01-440-1085	23	1		21	32
5945-01-450-2765	3	65		24	22
2940-01-450-5655	53	6		28	17
5330-01-450-6775	3	61		29	32
5935-01-451-2233	16	8		30	74
6210-01-452-5004	17	3		31	32
5360-01-454-1830	13	7		31	69
	19	7		32	32
	21	7		33	32
	29	7		34	75
	30	49		35	32
	31	7		37	17
	31	44		38	32
	32	7		40	32
	33	7		41	32
	34	50		42	32
	35	7		43	73
	38	7		43	108
	40	7		45	32
	41	7		46	34
	42	7		47	32
	43	48		48	34
	43	83		49	34
	45	7		50	32
	46	9		52	32
	47	7	2910-01-456-2274	10	8

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	12	8		52	16
	30	6	2510-01-456-7850	13	3
2910-01-456-2274	34	6		19	3
	43	6		21	3
4730-01-456-3895	13	2		24	8
	21	2		28	3
	48	4		29	3
	49	4		30	45
3120-01-456-3926	10	31		31	3
	12	31		31	40
	30	35		32	3
	34	35		33	3
	43	35		34	46
5360-01-456-5629	20	4		35	3
2815-01-456-7605	13	21		37	3
	19	21		38	3
	21	21		40	3
	29	21		41	3
	30	63		42	3
	31	21		43	44
	31	58		43	79
	32	21		45	3
	33	21		46	5
	34	64		47	3
	35	21		48	5
	38	21		49	5
	40	21		50	3
	41	21		52	3
	42	21	5330-01-456-8757	10	26
	43	62		12	26
	43	97	5330-01-456-9662	13	17
	45	21		19	17
	46	23		21	17
	47	21		29	17
	48	23		30	59
	49	23		31	17
	50	21		31	54
	52	21		32	17
4810-01-456-7622	13	16		33	17
	19	16		34	60
	21	16		35	17
	29	16		38	17
	30	58		40	17
	31	16		41	17
	31	53		42	17
	32	16		43	58
	33	16		43	93
	34	59		45	17
	35	16		46	19
	38	16		47	17
	40	16		48	19
	41	16		49	19
	42	16		50	17
	43	57		52	17
	43	92	5330-01-456-9663	13	12
	45	16		19	12
	46	18		21	12
	47	16		29	12
	48	18		30	54
	49	18		31	12
	50	16		31	49

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	32	12		35	14
	33	12		38	14
5330-01-456-9663	34	55		40	14
	35	12		41	14
	38	12		42	14
	40	12		43	55
	41	12		43	90
	42	12		45	14
	43	53		46	16
	43	88		47	14
	45	12		48	16
	46	14		49	16
	47	12		50	14
	48	14		52	14
	49	14	5325-01-457-3807	10	27
	50	12		12	27
	52	12	5310-01-458-4377	11	24
5330-01-456-9666	10	2	5330-01-458-5113	13	
5315-01-457-0305	10	14		19	
	12	14		21	
5315-01-457-0306	10	11		29	
	12	11		30	
	30	9		31	
	34	9		32	
	43	9		33	
5330-01-457-1822	28			38	
	37			40	
5315-01-457-2803	13	6		41	
	19	6		42	
	21	6		43	
	29	6		45	
	30	48		46	
	31	6		47	
	31	43		48	
	32	6		49	
	33	6		50	
	34	49		52	
	35	6	5330-01-458-5461	10	25
	38	6		12	25
	40	6		30	31
	41	6		34	31
	42	6		43	31
	43	47	5340-01-458-5522	10	10
	43	82		12	10
	45	6		30	8
	46	8		34	8
	47	6		43	8
	48	8	5340-01-458-5534	10	39
	49	8		12	39
	50	6		30	43
	52	6		34	43
5315-01-457-3252	13	14		43	43
	19	14	5331-01-458-5559	11	6
	21	14	5305-01-458-7789	3	45
	29	14	5305-01-458-7791	3	38
	30	56	5340-01-458-8151	17	35
	31	14	5310-01-458-8325	3	48
	31	51	5310-01-458-8327	3	14
	32	14	5340-01-458-8470	13	22
	33	14		19	22
	34	57		21	22

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	29	22	5310-01-460-0064	5	5
	30	64	5310-01-460-0067	3	26
	31	22	5310-01-460-0069	3	180
5340-01-458-8470	31	59	5310-01-460-0080	3	43
	32	22	5905-01-460-1472	3	3
	33	22	4730-01-460-1541	2	16
	34	65	5310-01-460-3127	11	17
	35	22	3040-01-460-3310	5	8
	38	22	3020-01-460-3311	3	53
	40	22	2990-01-460-4602	9	5
	41	22	5340-01-460-5537	11	19
	42	22	2910-01-460-5598	8	22
	43	63	5930-01-460-5871	1	16
	43	98	4730-01-460-6420	11	32
	45	22	5330-01-460-8998	10	4
	46	24		10	9
	47	22		12	4
	48	24		12	9
	49	24		30	7
	50	22		30	26
	52	22		34	7
5340-01-458-9150	3	57		34	26
5340-01-458-9151	3	16		43	7
5340-01-458-9153	3	39		43	26
5340-01-458-9161	3	202	6685-01-460-9884	11	13
5310-01-458-9990	11	11	4010-01-461-0033	10	6
5310-01-458-9993	11	18		12	6
4730-01-459-0018	19	2		13	34
5306-01-459-0256	11	29		19	34
5310-01-459-0772	11	38		21	34
4820-01-459-0932	3	12		24	24
4730-01-459-1047	3	124		28	19
4730-01-459-1125	11	33		29	34
5310-01-459-1147	11	37		30	76
5310-01-459-1150	11	12		31	34
5310-01-459-1241	11	20		31	71
5120-01-459-1291	3	22		32	34
5311-01-459-2046	53	11		33	34
5331-01-459-2050	3	67		34	77
5330-01-459-2054	3	115		35	34
5330-01-459-2063	3	139		37	19
5330-01-459-2066	3	138		38	34
5340-01-459-2151	10	35		40	34
	12	35		41	34
5307-01-459-3060	3	137		42	34
5305-01-459-3061	3	55		43	22
5305-01-459-3062	3	44		43	75
5305-01-459-3063	2	9		43	110
4730-01-459-3320	20	8		45	34
5310-01-459-3696	11	4		46	36
5310-01-459-3769	11	21		47	34
5305-01-459-4210	10	20		48	36
	12	20		49	36
	25	27		50	34
	26	15		52	34
	30	18	5306-01-461-1106	11	3
	34	18	6110-01-461-5116	16	12
	43	18	3010-01-461-5799	1	3
4530-01-459-6603	3	119		54	1
5980-01-459-6786	17	2	5360-01-461-5852	10	30
5340-01-459-9722	2	28		12	30

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	13	19		48	33
	19	19		49	33
	21	19		50	31
5360-01-461-5852	29	19		52	31
	30	4	5360-01-490-5798	24	12
	30	61		28	7
	31	19		37	7
	31	56	5315-01-490-5799	24	11
	32	19		28	6
	33	19		37	6
	34	4	5120-01-496-2392	55	3
	34	62	5360-01-499-7195	24	17
	35	19		28	11
	38	19		37	11
	40	19	5340-01-499-9060	24	15
	41	19		28	10
	42	19		37	10
	43	4	4820-01-503-0310	13	8
	43	60		19	8
	43	95		21	8
	45	19		29	8
	46	21		30	50
	47	19		31	8
	48	21		31	45
	49	21		32	8
	50	19		33	8
	52	19		34	51
5940-01-461-5869	17	63		35	8
5305-01-463-3490	5	35		38	8
5305-01-463-3492	5	39		40	8
5940-01-465-6643	17	17		41	8
4930-01-481-5540	26	9		42	8
5930-01-484-4682	3	118		43	49
5330-01-488-5113	35			43	84
5365-01-490-5797	10	23		45	8
	12	23		46	10
	13	31		47	8
	19	31		48	10
	21	31		49	10
	29	31		50	8
	30	29		52	8
	30	73	4820-01-503-0710	13	37
	31	31		21	37
	31	68		24	10
	32	31		28	5
	33	31		29	37
	34	28		30	79
	34	29		31	37
	34	74		31	74
	35	31		32	37
	38	31		33	37
	40	31		34	80
	41	31		35	37
	42	31		37	5
	43	28		38	37
	43	29		40	37
	43	72		41	37
	43	107		42	37
	45	31		43	78
	46	33		43	113
	47	31		45	37

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
	46	39		48	39
	47	37			
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4820-01-503-0710	49	39		47	5
	50	37		48	7
	52	37		49	7
9905-01-503-4478	59	2		50	5
5330-01-503-4873	59	8		52	5
5330-01-503-4883	59	9	8145-01-509-3531	59	1
5330-01-503-4886	59	7	4720-01-515-3026	32	1
6145-01-503-6347	17	77	4720-01-515-3095	33	1
3110-01-504-8557	10	22	4720-01-515-3130	31	38
	13	28	4720-01-515-3131	29	1
	19	28	4720-01-515-3153	34	1
	21	28	4720-01-515-3156	30	1
	24	19	4720-01-515-3162	2	19
	28	13	4030-01-515-3172	60	5
	29	28	4320-01-515-3177	20	1
	30	5	2910-01-515-3465	8	23
	30	70	4730-01-515-3468	10	1
	31	28	4730-01-515-3527	24	1
	31	65	4730-01-515-3531	24	28
	32	28	4720-01-515-3533	35	1
	33	28	4730-01-515-3537	50	1
	34	5	4730-01-515-3539	47	1
	34	71	4730-01-515-3541	48	1
	37	13	4730-01-515-3542	49	1
	40	28	4730-01-515-3543	44	2
	41	28	4730-01-515-3570	44	3
	42	28	4730-01-515-3578	41	1
	43	5	2815-01-515-3583	4	21
	43	69	4930-01-515-4057	27	
	43	104	5310-01-515-4058	11	25
	45	28	4210-01-515-4061	60	7
	46	30	3835-01-515-4169	52	1
	47	28	4325-01-515-4255	63	1
	48	30	2990-01-515-4256	61	2
	49	30	4325-01-515-4257	4	1
	50	28	3110-01-515-4258	4	10
	52	28	2910-01-515-4273	24	
4820-01-504-8923	13	5	5330-01-515-4276	4	22
	21	5	8110-01-515-4727	56	1
	24	27	4320-01-515-4731	1	1
	28	16	6630-01-515-5386	63	2
	29	5	2815-01-515-5401	2	1
	30	47	2815-01-515-5404	3	1
	31	5	4720-01-517-1421	31	77
	33	5	4720-01-517-1423	29	40
	34	48	4720-01-517-1425	33	40
	35	5	4720-01-517-1431	32	40
	37	16	4720-01-517-1435	34	1
	38	5	4720-01-517-1438	30	1
	40	5	4720-01-517-1452	35	40
	41	5	4210-01-517-1483	60	1
	42	5	2540-01-517-1495	57	1
	43	46	5975-01-517-1526	63	4
	43	81	2540-01-517-1768	51	1
	45	5	2540-01-517-1769	14	1
	46	7	4930-01-517-1770	36	1

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE**ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1****NATIONAL STOCK NUMBER INDEX**

STOCK NUMBER	FIG.	ITEM
4930-01-517-1771	39	1
8110-01-517-1772	44	1
4930-01-517-1773	22	1
4320-01-517-1774	18	13
4930-01-517-1775	11	1
6150-01-860-7320	15	1
5310-01-984-7042	14	17
3020-15-120-1281	3	150
3020-15-144-7347	3	218
4730-15-149-2420	3	37
4710-15-149-2421	3	30
4710-15-149-2422	3	33
4730-15-149-2423	3	35
4710-15-149-2424	3	11
4325-20-001-1867	60	3

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
0.094X1.000LDP	10	14	13215E8343	58	11
	12	14	13215E8372	58	1
0.941X1.000LDP	30	12	13215E8372-11	58	20
	34	12	13216E2798	11	26
	43	12	13216E7991-10	57	10
00021208	36	3	13216E7992	57	6
000U-Z001-2	11	21	13216E7993	57	2
000U-Z015-14	11	6	13216E7994	57	12
000U-Z045	11	33	13216E7995	57	4
000U-Z048(C)	11	9	13216E9163	56	5
01601	3	194	13216E9166	56	7
04602	3	216	13216E9168	56	3
04DSNC7702-03	7	23	13216E9173	56	18
	11	50	13216E9176	56	15
	14	8	13216E9179	56	14
05968	3	169	13216E9182	56	12
05985	3	213	13216E9183	56	6
0802	61	4	13216E9184	56	17
1,2042	56	10	13216E9185	56	16
1/2SP-SS	11	30	13216E9187	56	13
1/4-28X.625 SS	5	39	13216E9191	56	11
1029-00	59	8	13216E9192	56	19
	59	18	13216E9193	56	4
1030-00	59	9	13217E5361	11	36
	59	19	13217E5362	11	35
1031-00	59	7	13217E5363	11	34
	59	17	13219E0491	36	2
10-32X.750 CRES	5	25	15115	55	7
1045-00	59	2	15149	3	188
1046	59	10	15150	3	106
	59	20	163020FK1200	33	1
110-2	58	49	20038	4	44
1107181-001-Z-EV-H32	59	25	2006490	1	4
1107181-003-Z-EV-H32	59	26	2006490	54	2
11675004-1	2	28	201201-151	24	5
11682336	51	3	2017000	2	5
11682338	15	2	2056550	61	10
12387349-31	59	5	207524	4	37
	59	15	207784	26	13
13215E4191	58	36	207792	26	7
13215E4192	58	48	207795	26	25
13215E4193	58	10	207807	24	7
13215E4194	58	38		25	4
13215E4195	58	5	207808	26	36
13215E4196	58	6	209029	26	30
13215E4197	58	14	20909	26	3
13215E4198	58	8	209793	25	22
13215E4199	58	13	209853	25	24
13215E4200	58	4		26	20
13215E4201	58	15	20D-AL-TN	46	3
13215E4202	58	12	210189	25	14
13215E4204	58	42	210368	26	18
13215E4205	58	40	210388	26	14
13215E4210	58	24	21-0410-29-301	17	8
13215E4212	58	32	210593	26	32
13215E4213	58	27	210600	26	37
13215E4214	58	34	211678	4	9
13215E4215	58	28	21-2900-300	17	6
13215E4216	58	43	212936	4	42
13215E4218	58	45	212938	4	20
13215E4219	58	41	212939	4	6
13215E8342	58	9	212940	4	21

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
212941	4	29		38	23
212942	4	30		40	23
212943	4	25		41	23
212944	4	27		42	23
212945	4	28		43	38
212946	4	34		43	64
212947	4	43		43	99
212948	4	26		45	23
212949	4	13		46	25
212950	4	12		47	23
213076	4	52		48	25
213077	4	7		49	25
220078-1	27	18		50	23
220080	27	37		52	23
220081-1	27	32	220145	10	36
220083-1	27	34		12	36
220086-1	27	10		13	25
220088	27	23		19	25
220090-1	27	17		21	25
220093	27	36		29	25
220094-1	27	44		30	40
220095-1	27	8		30	67
220096	27	39		31	25
220097	27	13		31	62
220099	27	41		32	25
220100	27	43		33	25
220101	27	16		34	40
220103	27	40		34	68
220104	27	42		35	25
220109	27	20		38	25
220111	27	11		40	25
220112	27	33		41	25
220113	27	12		42	25
220114	27	38		43	40
220120-1	27	51		43	66
220121-1	27	48		43	101
220122-100	27	50		45	25
220124-1	45	2		46	27
	47	2		47	25
220132-1	13	2		48	27
	21	2		49	27
	46	4		50	25
	48	4		52	25
	49	4	220146	13	4
220137-1	50	2		13	36
220140-1	37	2		19	4
220141-2	28	2		19	36
220142	10	34		21	4
	12	34		21	36
	13	23		24	9
	19	23		24	26
	21	23		28	4
	29	23		28	21
	30	38		29	4
	30	65		29	36
	31	23	220146	30	46
	31	60		30	78
	32	23	220146	31	4
	33	23		31	36
	34	38		31	41
	34	66		31	73
	35	23		32	4

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
	32	36	220149	13	7
	33	4		19	7
	33	36		21	7
	34	47		29	7
	34	79		30	49
	35	4		31	7
	35	36		31	44
	37	4		32	7
	37	21		33	7
	38	4		34	50
	38	36		35	7
	40	4		38	7
	40	36		40	7
	41	4		41	7
	41	36		42	7
	42	4		43	48
	42	36		43	83
	43	45		45	7
	43	77		46	9
	43	80		47	7
	43	112		48	9
	45	4		49	9
	45	36		50	7
	46	6		52	7
	46	38	220150	13	14
	47	4		19	14
	47	36		21	14
	48	6		29	14
	48	38		30	56
	49	6		31	14
	49	38		31	51
	50	4		32	14
	50	36		33	14
	52	4		34	57
220147	52	36		35	14
	13	24		38	14
	19	24		40	14
	21	24		41	14
	29	24		42	14
	30	66		43	55
	31	24		43	90
	31	61		45	14
	32	24		46	16
	33	24		47	14
	34	67		48	16
	35	24		49	16
	38	24		50	14
	40	24		52	14
	41	24	220151	13	6
	42	24		19	6
	43	65		21	6
	43	100		29	6
	45	24		30	48
	46	26		31	6
	47	24		31	43
	48	26	220151	32	6
	49	26		33	6
	50	24	220151	34	49
	52	24		35	6
220148	24	11		38	6
	28	6		40	6
	37	6		41	6

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM	
220152	42	6	220154	13	21	
	43	47		19	21	
	43	82		21	21	
	45	6		29	21	
	46	8		30	63	
	47	6		31	21	
	48	8		31	58	
	49	8		32	21	
	50	6		33	21	
	52	6		34	64	
	13	16		35	21	
	19	16		38	21	
	21	16		40	21	
	29	16		41	21	
	30	58		42	21	
	31	16		43	62	
	31	53		43	97	
	32	16		45	21	
	33	16		46	23	
	34	59		47	21	
	35	16		48	23	
	38	16		49	23	
	40	16		50	21	
	41	16		52	21	
	42	16		220157	13	17
	43	57			19	17
	45	16			21	17
	46	18			29	17
	47	16			30	59
	48	18			31	17
	49	18			31	54
50	16	32	17			
52	16	33	17			
10	30	34	60			
12	30	35	17			
13	19	38	17			
19	19	40	17			
21	19	41	17			
29	19	42	17			
30	4	43	58			
30	61	43	93			
31	19	45	17			
31	56	46	19			
32	19	47	17			
33	19	48	19			
34	4	49	19			
34	62	50	17			
35	19	52	17			
38	19	220158	13	12		
40	19		19	12		
41	19		21	12		
42	19		29	12		
43	4		30	54		
43	60		31	12		
43	95		31	49		
45	19		32	12		
46	21		33	12		
47	19		220158	34	55	
48	21			35	12	
49	21	38		12		
50	19	40		12		
52	19	41		12		

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
220159-1	42	12	220160	27	31
	43	53	220161	13	3
	43	88		19	3
	45	12		21	3
	46	14		24	8
	47	12		28	3
	48	14		29	3
	49	14		30	45
	50	12		31	3
	52	12		31	40
	13	37		32	3
	21	37		33	3
	24	10		34	46
	28	5		35	3
	29	37		37	3
	30	79		38	3
	31	37		40	3
	31	74		41	3
	32	37		42	3
	33	37		43	44
	34	80		43	79
	35	37		45	3
	37	5		46	5
	38	37		47	3
	40	37		48	5
	41	37		49	5
	42	37		50	3
	43	78		52	3
	43	113		13	33
	45	37		19	33
	46	39		21	33
47	37		24	23	
48	39		28	18	
49	39		29	33	
50	37		30	75	
52	37		31	33	
220159-2	13	5		31	70
	21	5		32	33
	24	27		33	33
	28	16		34	76
	29	5		35	33
	30	47		37	18
	31	5		38	33
	31	42		40	33
	32	5		41	33
	33	5		42	33
	34	48		43	74
	35	5		43	109
	37	16		45	33
	38	5		46	35
	40	5		47	33
	41	5		48	35
	42	5		49	35
	43	46		50	33
	43	81		52	33
	45	5		13	8
220163-1	46	7		19	8
	47	5		21	8
	48	7		29	8
	49	7		30	50
	50	5		31	8
	52	5		31	45

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
	32	8		29	26
	33	8		30	41
	34	51		30	68
	35	8		31	26
	38	8		31	63
	40	8		32	26
	41	8		33	26
	42	8		34	41
	43	49		34	69
	43	84		35	26
	45	8		38	26
	46	10		40	26
	47	8		41	26
	48	10		42	26
	49	10		43	41
	50	8		43	67
	52	8		43	102
220164-1	24	14		45	26
	28	9		46	28
	37	9		47	26
220165-1	38	2		48	28
220166-1	42	2		49	28
220167-1	41	2		50	26
220168-1	40	2		52	26
220201-1-18	13	34	220265	10	22
	19	34		12	22
	21	34		13	28
	24	24		19	28
	28	19		21	28
	29	34		24	19
	30	76		28	13
	31	34		29	28
	31	71		30	5
	32	34		30	70
	33	34		31	28
	34	77		31	65
	35	34		32	28
	37	19		33	28
	38	34		34	5
	40	34		34	71
	41	34		35	28
	42	34		37	13
	43	75		38	28
	43	110		40	28
	45	34		41	28
	46	36		42	28
	47	34		43	5
	48	36		43	69
	49	36		43	104
	50	34		45	28
	52	34		46	30
220201-1-20	10	6		47	28
	12	6		48	30
	30	22		49	30
	34	22		50	28
	43	22	220265	52	28
220202	27	7	220269	26	39
220204	10	37	220271	26	29
	12	37	220272	26	4
	13	26	220301	24	12
	19	26		28	7
	21	26		37	7

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
220326	27	35		43	7
220330	24	17		43	26
	28	11	220468	10	8
	37	11		12	8
220429-1	10	13		30	6
	12	13		34	6
	30	11		43	6
	34	11	220469-1	10	3
	43	11		12	3
220430	10	32		30	24
	12	32		34	24
	30	36		43	24
	34	36	220470	10	27
	43	36		12	27
220432	10	18		30	33
	12	18		34	33
	30	16		43	33
	34	16	220482	10	23
	43	16		12	23
220435	10	35		13	31
	12	35		19	31
	30	39		21	31
	34	39		29	31
	43	39		30	29
220449	10	28		30	73
	12	28		31	31
	30	34		31	68
	34	34		32	31
	43	34		33	31
220457	10	11		34	29
	12	11		34	74
	30	9		35	31
	34	9		38	31
	43	9		40	31
220459	10	26		41	31
	12	26		42	31
	30	32		43	29
	34	32		43	72
	43	32		43	107
220464	10	16		45	31
	12	16		46	33
	30	14		47	31
	34	14		48	33
	43	14		49	33
220465	10	25		50	31
	12	25		52	31
	30	31	220484	10	20
	34	31		12	20
	43	31		25	27
220466	10	31		26	15
	12	31		30	18
	30	35		34	18
	34	35		43	18
	43	35	220498-2	19	2
220467	10	4	220503-2	10	40
	10	9	220503-2	12	40
	12	4	220504-1	43	2
	12	9	220578	43	92
	30	7	220724-007	25	12
	30	26	220767	27	29
	34	7	220768	27	24
	34	26	220769	27	22

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
220777	27	26		45	35
220778	27	45		46	37
220779	27	46		47	35
220800-1	10	10		48	37
	12	10		49	37
	30	8		50	35
	34	8		52	35
	43	8	2841	17	58
220800-2	10	39	3/8 IN LOCK WASHER	5	17
	12	39	3/8-24X1.00	5	18
	30	43	3020D-AL-TN	48	3
	34	43	303-10	14	21
	43	43	30839-1201PG-2-2A	11	13
220805-1	19	37	31031	3	201
220805-2	19	5	32303	3	56
220878-1	26	9	32307	3	69
220878-3	26	23	32574	3	153
220886	26	26	32590	2	3
221075	26	17	32638	3	78
221578-1	52	2	32641	3	79
23604-3	4	50	327-010-X5WO-1032	17	51
23622	26	2	3621	14	20
23739-7	4	39	37551	3	10
23739-8	4	40	37572	3	94
23741	4	41	3774K12	11	53
23745	4	38	3781-3	8	3
23889	25	16	4020D-AL-TN	49	3
23890	25	28	40427	25	2
23892	25	8	415MC-212-GC	27	25
23893	25	20	4200F7365	20	13
24028	53	3	44646-45	25	1
24059	25	7	44665K171	11	52
24085	25	5	45059	3	149
24096	25	17	45062	3	2
24636	26	28	45076	3	105
24780	26	5	45108	3	68
28-2-G	10	5	45124	2	11
	12	5	45131	3	61
	13	35	45429	4	48
	19	35	45430	4	16
	21	35	470121-1	10	2
	24	16		12	2
	24	25		30	20
	28	20		34	20
	29	35		43	20
	30	21	47025-1	27	6
	30	77	47028	27	2
	31	35	47029	27	5
	31	72	47030	27	4
	32	35	47058	26	27
	33	35	47062	13	32
	34	21		19	32
	34	78		21	32
	35	35		24	22
	37	20		28	17
	38	35	47062	29	32
	40	35		30	74
	41	35	47062	31	32
	42	35		31	69
	43	21		32	32
	43	76		33	32
	43	111		34	75

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
	35	32	532060-02	59	23
	37	17	532071-01	60	7
	38	32	532100-01-01	1	1
	40	32	532101-01-01	7	25
	41	32	532102-01-01	6	10
	42	32	532104-01-01	1	2
	43	73	532105-01-01	8	24
	43	108	532105-01-02	8	33
	45	32	532106-01-01	8	1
	46	34	532107-01	8	17
	47	32	532108-01-03	8	40
	48	34	532108-01-04	8	21
	49	34	532108-02	8	25
	50	32		8	38
	52	32	532110-01	7	11
47085	13	22	532112-01-01	6	11
	19	22	532113-01-01	6	26
	21	22	532114-01	6	12
	29	22	532115-01	6	16
	30	64	532116-01	6	17
	31	22	532151-01-01	7	19
	31	59		11	46
	32	22		14	4
	33	22	532152-01-01	6	8
	34	65	532153-01-01	1	15
	35	22	532161-01	6	3
	38	22	532162-01	6	1
	40	22	532163-01	7	26
	41	22	532172-01-01	9	1
	42	22	532174-01	6	9
	43	63	532175-01	8	39
	43	98	532177-01-01	9	5
	45	22	532181-01	7	24
	46	24		11	51
	47	22		14	9
	48	24	532186-01	6	29
	49	24	532190-01-01	6	7
	50	22	532200-01-01	14	1
	52	22	532201-01-01	14	15
47115-100	24	28	532202-01-01	14	13
47119	10	33	532203-01	14	22
	12	33	532204-01-01	53	1
	30	37	532205-01-01	16	1
	34	37	532206-01	14	25
	43	37	532211-01-01	53	4
492805	17	63	532212-01-01	16	13
49486	3	72	532221-01	17	9
49488	3	76	532222-01-01	17	18
49819	3	208	532223-01	17	30
49823	3	209	532251-01-01	14	33
49836	3	212	532252-01-01	15	1
51001	57	8	532261-01	14	10
51415K408	11	54	532262-01	14	12
51415K808	11	56	532263-01	14	32
5-14-640-46	58	33	532264-01	14	14
5-14-642-42	58	30	532265-01	16	19
515009-01	9	4	532266-01	16	27
51710	3	103	532275-01-01	16	24
51E-003-C08-F1	4	5	532278-01	17	11
532031-01-01	59	1	532300-01-01	11	1
532032-01-01	59	13	532400-01-01	18	13
532060-01	59	11	532401-01-01	18	9

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
532402-01-01	20	1		31	75
532403-01	18	1		32	38
532500-01-01	2	1		33	38
532501-01-01	3	1		34	81
532502-01-01	2	37	532764-14	61	12
532502-18	2	36	532765-01	30	80
532503-01-01	2	6	532765-01	35	38
532504-01-01	2	12	532800-01-01	61	2
532505-01-01	2	2	532801-01-01	61	1
532506-01	2	19	532810-01	3	50
532506-02	2	17	532811-01	61	5
532507-01-01	2	43	5354-3B	8	2
532508-01	2	10	54077	3	172
532521-01	3	24	54728	3	73
532551-01-01	2	54	55114	3	185
532552-01-01	2	55	55129	3	197
532561-01	2	47	5534K39	11	55
532562-01	2	45	55537	3	183
532574-01	3	75	5710-179-60	27	15
532576-01	3	219	5710-54-60	26	11
532601-01-01	35	40	57529	3	82
532602-01-01	29	40	57901	3	195
532603-01-01	31	77	57949	3	127
532604-01-01	33	40	57978	3	136
532605-01-01	34	1	5806-21-3	26	24
532606-01-01	30	1	582-08	59	4
532607-01-01	32	40		59	14
532611-01-01	44	1	582-12	59	3
532612-01-01	36	1		59	13
532612-01-02	39	1	600-001-10	25	18
532613-01-01	22	1	60975-5	4	1
532615-01	29	39	61391	3	193
532615-02	31	76	62075	4	19
532615-03	33	39	623-21087	17	79
532615-04	34	82	6300110	1	3
532615-05	30	81		54	1
532615-06	32	39	6400121	61	9
532615-07	35	39	64017B	27	1
532615-09	44	5	64019CNH	24	1
532615-10	39	2	64019F	37	1
532615-11	22	3	64019J	28	1
532615-12	51	2	64020	29	2
532621-01-01	63	4		30	44
532622-01-01	51	1		31	2
532623-01-01	60	1		31	39
532635-01-01	63	1		32	2
532636-01-01	63	2		33	2
532637-01-01	55	1		34	45
532671-01-01	60	6		35	2
532673-01	60	5	64020F	45	1
532704-01	35	1	64020G	46	1
532705-01	33	1	64020J	13	1
	34	44		21	1
532705-02	29	1	64020K	48	1
	31	1	64020L	47	1
532705-03	31	38	64020P	49	1
532706-01	34	1		50	1
532707-01	30	1	64020S	19	1
532708-01	32	1	64022D	38	1
532759-01	8	28		42	1
532760-01	8	36	64029DZ	41	1
532764-02	29	38	64030D	40	1

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
64031	30	2	7721159	3	6
	34	2	7722872	3	20
64031TZ	10	1	7723363	3	74
	12	1	7723382	3	60
64057DZ	43	1	7723384	3	58
64170	44	2	7723386	3	129
64171	44	3	77235	3	206
64183-01	52	1	7724045	3	145
64185	22	2	7724886	3	122
64189	1	11	7725614	3	53
64349C	26	1	7729671	3	27
64349CF4HXY	23	1	7731077	3	135
65242	3	102	7731657	3	162
65677	3	89	7732353	3	14
6749	8	18	7732589	3	49
70098N	53	6	7732655	3	64
70427	3	104	7735498	3	47
70818	3	87	7735550	3	36
71728	3	83	773-6502	55	3
71737	3	116	7737588	3	22
71780	3	146	7742722	3	57
71783	3	91	7744814	9	2
72223	3	154	7745067	3	86
72603	3	177	7745115	3	139
74017-C	53	5	7745122	3	115
75-07	59	6	7745125	3	170
	59	16	7745173	3	138
75401	3	123	7746456	3	165
75402	3	93	7746964	3	150
75409	3	100	7746981	3	218
75428	3	108	7749468	3	196
75434	3	168	7749469	3	189
75450	3	81	7749507	3	198
75839	3	109	7749519	3	179
76303	3	223	7754776	3	181
76702	3	96	7756330	3	224
770014600240	55	5	7757514	3	101
7700365180890	55	6	7757912	3	141
7700365180900	55	2	7757913	3	180
7700365180910	55	4	7757979	3	67
770097300150	3	51	7758885	3	15
7701439	3	54	7758908	3	16
7705981	3	156	7758919	3	39
7707210	3	142	7758920	3	12
7707659	3	114	7760177	3	186
7710045	3	160	7760203	3	167
7710439	3	176	7761376	3	42
7710440	3	175	7761635	3	171
7712125	3	148	7761636	3	173
7712138	3	166	7762122	3	215
7712139	3	140	7764456	3	80
7712143	3	128	7767401	3	107
7712277	3	158	7767404	3	118
7712293	3	155	7767438	3	23
7712302	3	210	7767447	3	65
7712316	3	199	7768434	3	137
7714724	3	3	7770819	3	211
7717525	3	117	7771625	3	99
7718855	3	4	7771790	3	37
77197	3	85	7771791	3	31
77202	3	77	7771792	3	35
7720383	3	159	7772224	3	152

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
777-30-53	16	12	8423-16	5	9
77733	3	217	8423-19	5	28
7773472	3	125	8423-25	5	32
7774604	3	191	8423-31	5	30
7775407	3	32	8423-32	5	8
7775435	3	90	8423-33	5	5
7775438	3	34	8423-35	5	21
7775439	3	70	8423-39	5	19
7777101	3	43	8423-52	5	31
7777105	3	18	8423-54	5	13
7777109	3	26	8423-90	5	33
7777111	3	7	8424	5	1
7777138	3	13	8424-11	5	20
7777151	3	21	8424-12	5	37
7777163	3	48	8424-22	5	15
7777704	3	190	8424-23	5	4
77778	3	214	8424-30	5	7
7780428	3	28	8424-38	5	23
7780904	3	174	85242-N	8	23
7783310	3	184	8680-40000 L5 1/2	8	7
7785001	3	52	872FS-F001(C)	11	27
7785417	3	157	872FS-F002	11	5
7785894	3	84	872FS-F003A	11	19
7788025	3	134	872FS-F004	11	29
7788063	3	202	872FS-Z001-21	11	15
7788644	3	200	872FS-Z001-22	11	28
7789403	3	124	872FS-Z10	11	2
7789456	3	110	88651	3	151
7792671	3	182	8K1	24	15
7792678	3	29		28	10
7792684	3	63		37	10
7794038	3	143	8LHX0375-16X0375 OGR5S	11	3
7794940	3	30	90298A578	2	38
7794942	3	33	90298A705	14	19
7794951	3	11	91070	57	1
7795636	3	119	91083-2	56	8
7795642	3	204	91146-14	56	1
7796053	3	164	91781F-20	8	22
7796054	3	163	93895	3	97
7797835	3	46	93899	3	88
7798960	3	161	94481	3	95
7799204	3	121	964205(F)	3	41
7799206	3	45	964305(M)	3	40
7799233	3	222	97H3	2	53
7799258	3	55	98410A132	3	111
7799262	3	178	98962	3	187
7799302	3	38	99201	3	9
7799309	3	44	99211	3	144
7799365	2	9	99213	3	25
7799407	3	66	99217	3	133
7799765	3	62	99219	3	130
80977	4	10	99227	3	19
82123	25	25	99230	3	147
82832	4	22	99235	3	203
8291	17	78	99236	3	8
8292	17	64	99237	3	207
83-15075-02	16	23	99246	3	59
8-32X.25 SS	5	26	99312	3	126
8-32X1.750 CRES	5	35	99339	3	71
84127	3	205	99441	3	98
8423-09	5	11	99710	3	192
8423-13	5	29	99775	3	17

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
99920	3	120	F6446	20	15
AA59326-G5	58	17	F6455	20	3
	58	50	F6464	20	2
AA59326XXI12	44	4	F6480	18	6
AE82113R	42	1	F6505	20	11
AMPE4	11	31	F6721	20	9
AN320C4	26	21	FF-S-85	58	47
AN4-13A	26	34	FSS1-1001	2	25
AN4C11A	7	15	FT-150A-F W/16T 2X AWG #16	17	57
AN4C4A	7	14		17	80
AN4C5A	1	14	GRP-120-1/4-BLK	1	18
	7	18	HC-M8X20MM-S-O	2	8
	11	43	HC-M8X35MM-S-O	2	52
AN4C7A	2	50	I63387TB	11	22
AN525-10R10	6	13	IBLR251512A	63	3
AN5C13A	1	10	JANTX1N5418	17	47
AN5C7	6	19	KD61428-5	25	
AN5CH11A	11	42	KD64017-7	27	
AN816-4-4D	8	20	KD64019-1	28	
AN816-5-4D	8	11		37	
	11	16	KD64019-5	24	
AN816-5D	11	14	KD64020-1	13	
AN817-5D	11	7		19	
AN929-L5	8	12		21	
AN933B1	58	2		29	
AN960-416	26	33		30	
AN960-8	25	10		31	
AN960C1216	5	6		32	
AN960C416	2	39		33	
AN960C416L	16	9		34	
AN960C516	24	3		35	
AN970-3	7	12		38	
AVEAC-4-4F	11	32		40	
B3127CR6-28V/30-BP	17	2		41	
BT-508Y-2075	1	19		42	
	2	15		43	
	8	14		45	
	8	27		46	
	8	35		47	
C0180-026-1000S	27	19		48	
CMC-101C	59	1		49	
	59	11		50	
CR3523-4-2	14	11		52	
D38999/20WE6PN	17	31	KD64349-1	26	
D38999/20WJ61PN	17	23	LC030D-8	10	12
D38999/26WB5PN	1	27		12	12
D38999/32W11N	1	28		30	10
D38999/33W11R	2	26		34	10
D38999/33W17R	16	5		43	10
	18	8	LC19CN3	17	1
D38999/33W25R	2	27	LC20YN3	17	3
	16	17	LH77/3	17	5
D800660	5	16	LL2-H16-146	2	35
D8565/5-1	14	26	LL2-K16-146	2	34
D9-437	26	19	LP515-8R7	25	11
DE2015-5	61	3	LP51957-108	27	14
ECDB38	16	14	LP51958-64	27	9
F0760	20	7	LP526C1024R8	25	19
F0790	20	6	M12883/41-06	17	29
F2756	20	5	M22759/16-12-0	17	70
F2770	20	4	M22759/16-12-9	17	71
F6435	20	10	M22759/16-16-0	17	59

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
M22759/16-16-9	17	62		19	9
M22759/16-20-0	17	66		21	9
M22759/16-20-9	1	22		24	13
	17	68		27	27
M23053/18-205-C	7	22		28	8
	11	49		29	9
	14	7		30	30
M23053/4-302-0	1	21		30	51
M25988/1-036	4	8		31	9
M25988/1-040	24	6		31	46
	25	3		32	9
M25988/1-134	4	23		33	9
M25988/1-145	26	6		34	30
M25988/1-152	4	36		34	52
M25988/1-171	4	47		35	9
M25988/1-172	4	46		37	8
M25988/1-235	25	23		38	9
	26	40		40	9
M25988/1-908	4	18		41	9
M25988-018	4	49		42	9
M25988-240	4	51		43	30
M38420/2-002	3	113		43	50
M39014/02-1258	17	49		43	85
M39014/02-1407	17	55		45	9
M39018/10-0141M	17	34		46	11
M39029/58-234	17	32		47	9
M39029/58-363	1	25		48	11
	17	24		49	11
M55155/26XH-01	17	17		50	9
M83420/2-002	8	15		52	9
M83536/10-024M	17	39	MS16997-21L	27	28
M85049/18-11W02	1	24	MS16997-24L	13	10
M85485/11-20T2A	17	77		19	10
M85528/2-18-A-01-A	16	4		21	10
M85528/2-25-A-01-A	2	24		29	10
				30	52
MS14105-30	17	41		31	10
MS15795-803	17	26		31	47
MS15795-804	16	6		32	10
MS15795-805	16	15		33	10
MS15795-807	16	2		34	53
	17	44		35	10
MS15795-808	17	16		38	10
MS15795-810	60	4		40	10
	14	24		41	10
MS15795-841	14	30		42	10
MS16023-51	58	3		43	51
MS16203-54	58	7		43	86
MS16228-10C	57	11		45	10
MS16228-8C	57	14		46	12
MS16562-219	4	24		47	10
MS16633-1031	58	23		48	12
MS16634-1062	58	26		49	12
MS16695-26	58	35		50	10
MS16995-44	58	44		52	10
MS16995-52	58	37	MS16997-32L	10	19
MS16996-26	61	8		12	19
MS16996-31	9	3		30	17
MS16997-101	56	2		34	17
MS16997-20L	10	24		43	17
	12	24	MS16997-69	26	12
	13	9	MS16997-78L	26	35

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
MS16998-42	27	3		34	70
MS16998-42L	27	21		35	27
MS19060-1012	25	13		38	27
MS20600MP4W5	6	24		40	27
MS20604R4W2	2	46		41	27
	16	20		42	27
MS20822-4-4D	2	48		43	42
	8	19		43	68
	8	29		43	103
	8	37		45	27
MS20822-5D	11	8		46	29
MS20995C32	8	13		47	27
MS21042-04	17	27		48	29
MS21042-3	17	15		49	29
MS21042-4	26	38		50	27
MS21043-04	17	40		52	27
MS21043-08	2	41	MS24693-C9	17	19
MS21043-3	2	23	MS25036-101	17	74
	6	15	MS25036-103	17	67
	7	1	MS25036-107	17	76
	8	31	MS25036-112	17	69
MS21043-4	6	27	MS25036-149	17	75
	7	9	MS25036-153	17	73
	8	9	MS25036-154	7	20
	11	45		11	47
	14	3		14	5
MS21043-5	1	7		17	60
	6	23	MS25036-156	17	72
	9	7	MS25171-2S	3	5
	11	39	MS25182-2	15	3
MS21043-6	3	221	MS25231-1829	17	4
MS21044C04	18	2	MS27022-9	58	21
MS21044C4	2	49	MS27026-9	58	18
	16	21	MS27028-9	58	22
MS21083C5	24	4	MS27029-9	58	16
MS21318-28	6	2	MS27030-6	46	2
	59	12	MS27030-8	48	2
	59	24	MS27030-9	49	2
MS21919WCJ16	2	21	MS27249-2B1	17	21
	7	3	MS27407-2	17	14
MS21919WCJ24	7	4	MS27488-12	17	33
MS21919WCJ8	8	32	MS27488-20	1	26
MS24236-2EALTJT	1	16		17	25
MS24524-22	17	10	MS27769C2	58	19
MS24524-30	17	12	MS28774-017	26	8
MS24665-1013	26	22	MS29512-03	10	21
MS24665-302	26	31		12	21
MS24665-351	57	9		25	26
MS24665-353	56	9		26	16
MS24693C50	10	38		30	19
	12	38		34	19
	13	27		43	19
	19	27	MS29513-008	58	29
	21	27	MS29513-009	10	15
	29	27		12	15
	30	42		30	13
	30	69		34	13
	31	27		43	13
	31	64	MS29513-010	13	29
	32	27		19	29
	33	27		21	29
	34	42		24	20

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
	26	10		30	60
	28	14		31	18
	29	29		31	55
	30	71		32	18
	31	29		33	18
	31	66		34	61
	32	29		35	18
	33	29		38	18
	34	72		40	18
	35	29		41	18
	37	14		42	18
	38	29		43	59
	40	29		43	94
	41	29		45	18
	42	29		46	20
	43	70		47	18
	43	105		48	20
	45	29		49	20
	46	31		50	18
	47	29		52	18
	48	31	MS29513-134	13	11
MS29513-010	49	31		19	11
	50	29		21	11
	52	29		29	11
MS29513-014	13	13		30	53
	19	13		31	11
	21	13		31	48
	29	13		32	11
	30	55		33	11
	31	13		34	54
	31	50		35	11
	32	13		38	11
	33	13		40	11
	34	56		41	11
	35	13		42	11
	38	13		43	52
	40	13		43	87
	41	13		45	11
	42	13		46	13
	43	54		47	11
	43	89		48	13
	45	13		49	13
	46	15		50	11
	47	13		52	11
	48	15	MS29513-136	27	47
	49	15	MS29513-141	5	40
	50	13	MS29513-147	25	21
	52	13	MS29513-157	5	22
	58	25	MS29513-160	5	36
MS29513-016	5	10	MS29513-175	5	14
	10	17	MS29513-226	27	49
	12	17	MS29513-228	13	20
	30	15		19	20
	34	15		21	20
	43	15		24	18
MS29513-028	58	39		28	12
MS29513-125	27	30		29	20
MS29513-126	25	6		30	62
MS29513-133	13	18		31	20
	19	18		31	57
	21	18		32	20
	29	18		33	20

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
	34	63	MS35307-308	18	12
	35	20	MS35307-414	1	6
	37	12		57	13
	38	20	MS35307-463	57	5
	40	20	MS35308-305	4	2
	41	20	MS35308-307	7	16
	42	20	MS35308-308	14	23
	43	61	MS35308-333	4	14
	43	96	MS35308-334	24	2
	45	20	MS35333-107	17	36
	46	22	MS35338-136	8	5
	47	20		17	53
	48	22	MS35338-137	5	27
	49	22		16	26
	50	20	MS35338-139	1	13
	52	20		7	8
MS29513-229	25	9		14	28
MS29513-234	1	9		16	22
	10	29		18	11
	11	41		60	3
	12	29		61	7
	30	3	MS35338-140	2	7
	34	3		6	22
	43	3		18	5
MS3320-5	17	42	MS35338-141	6	21
MS3367-1-0	1	20		14	17
	2	14	MS35338-143	6	5
	8	26	MS35425-39	14	29
	8	34	MS35649-2384	14	16
	17	56	MS35691-11	58	46
MS3367-4-0	17	28	MS35691-17	6	20
MS3420-3	1	23	MS35691-3	2	40
MS35206-276	13	30	MS35691-35	6	6
	19	30	MS35825-10A	6	25
	21	30	MS35842-13	53	2
	24	21	MS51029-117	58	31
	28	15	MS51521B4S	8	41
	29	30	MS51521B5S	8	10
	30	72	MS51844-82	3	112
	31	30		8	16
	31	67	MS51922-2	14	27
	32	30	MS51957-15	16	7
	33	30	MS51957-17	2	30
	34	73		18	7
	35	30	MS51957-26	8	4
	37	15		17	54
	38	30	MS51957-29	16	18
	40	30	MS51957-30	2	32
	41	30	MS51957-31	2	33
	42	30		16	16
	43	71	MS51957-45	16	25
	43	106	MS51957-46	2	44
	45	30		16	3
	46	32		17	45
	47	30	MS51958-60	17	37
	48	32	MS51958-63	7	5
	49	32		14	31
	50	30		17	38
	52	30	MS51958-64	2	20
MS35275-230	5	2		7	17
MS35307-304	7	6	MS51958-66	17	22
MS35307-306	60	2	MS51958-70	7	13

UNIT, DIRECT SUPPORT AND GENERAL SUPPORT

ADVANCED AVIATION FORWARD AREA REFUELING SYSTEM (AAFARS) M100A1

PART NUMBER INDEX

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
MS51958-81	16	11	RLR07C1002FP	17	48
MS51958-82	6	30	RRT-268-S	25	15
MS51958-84	16	10	RV4NAYSD253A	17	43
MS51963-63	57	3	SAE J1508-06	2	18
MS87006-33	57	7		3	92
MS9105-63	5	12	SCPH0250-20X01500S	11	10
MS91528-1F2B	17	46	SE109D02	17	50
MS9389-59	4	31	SO-436V	11	23
MS9389-98	4	35	SS-3-HC-7-2	2	16
NAS1149C0332R	2	22	SS-6M0-2-2	2	51
	7	2	TMS-SCE1/4-2.0-9	17	61
	8	30	TMS-SCE1/8-2.0-9	7	21
NAS1149C0363R	6	14		11	48
NAS1149C0432R	1	12		14	6
	7	7		17	65
	8	8	W0367-006-S	13	15
	61	6		19	15
NAS1149C0463R	4	3		21	15
	6	28		29	15
	11	44		30	57
NAS1149C0532R	1	8		31	15
NAS1149C0532R	2	4		31	52
	9	6		32	15
	11	40		33	15
NAS1149C0563R	4	15		34	58
	6	18		35	15
NAS1149C0616R	14	18		38	15
NAS1149C0632R	3	220		40	15
NAS1149C0832R	6	4		41	15
NAS1149CN432R	2	29		42	15
	18	3		43	56
NAS1149CN632R	2	31		43	91
	8	6		45	15
	17	52		46	17
NAS1149CN832R	4	32		47	15
NAS1149CO432R	18	10		48	17
NAS1149CO532R	18	4		49	17
NAS1291C8M	4	45		50	15
NAS1352C08-20	4	33		52	15
NAS1715D22N	17	35	W1543-017-18	4	11
NAS1744-1	1	17	WAF0250S	11	12
NAS43DD0-32FC	17	20	WAF0375S	11	4
NAS43DD4-28FC	7	10	WAF0375SS	11	20
	14	2	WAL0250S	11	11
NAS558P1010-12	61	11	WAL0375S	11	24
NAS558P606-12	1	5	WAL0375SS	11	18
NAS620C10L	5	24	WAL0500SS	11	37
NAS620C416L	5	38	WH-128S02	4	4
NAS620C5L	16	28	Z82BE1024	17	13
NAS620-C6	5	3	ZB2-BS54	17	7
NAS620C8	5	34			
NAS620C8L	2	42			
NUT0375-16S-1	11	25			
NUT0375-16SS	11	17			
NUT0500-14SS	11	38			
PD-40	4	17			
Q01440	53	7			
Q04188	53	11			
Q33456	53	8			
Q56880	53	10			
Q59111	53	9			
QQB575R36T500	2	13			

By Order of the Secretary of the Army:

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

Official:



Administrative Assistant to the
Secretary of the Army

0413805

DISTRIBUTION: To be distributed in accordance with the Initial Distribution Number (IDN) 314126, requirements for TM 10-4930-351-24P.

These are the instructions for sending an electronic 2028

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:
1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" <whomever@avma27.army.mil>
To: TACOM-TECH-PUBS@ria.army.mil
Subject: DA Form 2028

1. From: Joe Smith
2. Unit: home
3. Address: 4300 Park
4. City: Hometown
5. St: MO
6. Zip: 77777
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.

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
For use of this form, see AR 25-30; the proponent agency is OAASA							
TO (Forward to proponent of publication or form) (Include ZIP Code)						FROM (Activity and location) (Include ZIP Code)	
PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER TM 10-4930-351-24P						DATE 30 June 2004	TITLE AAFARS
ITEM	PAGE	PARA- GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
* Reference to line numbers within the paragraph or subparagraph.							
TYPED NAME, GRADE OR TITLE					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE

TO <i>(Forward direct to addressee listed in publication)</i>	FROM <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	---	-------------

PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER TM 10-4930-351-24P	DATE	TITLE AAFARS
---	-------------	------------------------

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

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.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
-----------------------------------	---	------------------

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
For use of this form, see AR 25-30; the proponent agency is OAASA							
TO (Forward to proponent of publication or form) (Include ZIP Code)						FROM (Activity and location) (Include ZIP Code)	
PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER TM 10-4930-351-24P						DATE 30 June 2004	TITLE AAFARS
ITEM	PAGE	PARA- GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
* Reference to line numbers within the paragraph or subparagraph.							
TYPED NAME, GRADE OR TITLE						TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE

TO <i>(Forward direct to addressee listed in publication)</i>	FROM <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	---	-------------

PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER TM 10-4930-351-24P	DATE	TITLE AAFARS
---	-------------	------------------------

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

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.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
-----------------------------------	---	------------------

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
For use of this form, see AR 25-30; the proponent agency is OAASA							
TO (Forward to proponent of publication or form) (Include ZIP Code)						FROM (Activity and location) (Include ZIP Code)	
PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER TM 10-4930-351-24P						DATE 30 June 2004	TITLE AAFARS
ITEM	PAGE	PARA- GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
* Reference to line numbers within the paragraph or subparagraph.							
TYPED NAME, GRADE OR TITLE						TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE

TO <i>(Forward direct to addressee listed in publication)</i>	FROM <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	---	-------------

PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER TM 10-4930-351-24P	DATE	TITLE AAFARS
---	-------------	------------------------

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

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.)*

TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
-----------------------------------	---	------------------

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE
For use of this form, see AR 25-30; the proponent agency is OAASA							
TO (Forward to proponent of publication or form) (Include ZIP Code)						FROM (Activity and location) (Include ZIP Code)	
PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER TM 10-4930-351-24P						DATE 30 June 2004	TITLE AAFARS
ITEM	PAGE	PARA- GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
* Reference to line numbers within the paragraph or subparagraph.							
TYPED NAME, GRADE OR TITLE					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE

TO <i>(Forward direct to addressee listed in publication)</i>	FROM <i>(Activity and location) (Include ZIP Code)</i>	DATE
--	---	-------------

PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER TM 10-4930-351-24P	DATE	TITLE AAFARS
---	-------------	------------------------

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

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.)*

--

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

The Metric System and Equivalents

Linear Measure

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

Weights

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

Liquid Measure

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

Square Measure

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

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. lathes
 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	

