

TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT AND GENERAL
SUPPORT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST**

FOR

**MK12 SURFACE SUPPORTED
DIVING SYSTEM (SSDS)
(NSN 4220-01-097-5674)**

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

HEADQUARTERS, DEPARTMENT OF THE ARMY

14 MARCH 1994

TECHNICAL MANUAL

TM 5-4220-225-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D.C., 14 March 1994

TECHNICAL MANUAL

**Unit, Direct Support and General Support Maintenance
Repair Parts and Special Tools List
for**

**MK12 SURFACE SUPPORTED
DIVING SYSTEM (SSDS)
(NSN 4220-01-097-5674)**

Current as of 30 June 1993

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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

TABLE OF CONTENTS

		Page	Illus/ Figure
Section I.	INTRODUCTION	1	
Section II.	REPAIR PARTS LIST	1-1	
Group 01	Diver's Dress		
	Diver's Coveralls.....	1-1	1
	Diver's Drysuit.....	2-1	2
	Diver's Boots.....	3-1	3
	Diver's Mittens	4-1	4
	Diver's Harness.....	5-1	5
Group 02	MK12 Helmet Assembly		
	MK12 Helmet Assembly.....	6-1	6
	Lower Breech Ring Assembly.....	7-1	7
	View Ports.....	8-1	8
	Air Supply Adapter and Tube	9-1	9
	Air Supply Valve Assembly	10-1	10
	Air Supply Diffuser Assembly	11-1	11
	Adjustable Exhaust Valve Assembly	12-1	12
	Ambient Exhaust Valve Assembly	13-1	13
	Helmet Lug	14-1	14
	Helmet Communications.....	15-1	15
	Helmet Liner, Ducts, Shell and Supply Lines.....	16-1	16

TABLE OF CONTENTS (Cont'd)

			Page	Illus/ Figure
Group 03	Umbilicals			
	Umbilical Assembly, Diver's, 600FT	17-1		17
	Umbilical Assembly, Diver's, 300 FT	18-1		18
Group 04	Communications Box			
	Communications Box	19-1		19
Group 05	Shipping Container			
	Shipping Container Assembly, Helmet	20-1		20
Group 06	Bulk Items List			
	Bulk Materials	Bulk 1		
Section III.	SPECIAL TOOLS			
	Special Tools List	21-1		21
Section IV.	CROSS REFERENCE INDEXES			
	National Stock Number Index.....	I-1		
	Part Number Index.....	I-3		
	Figure and Item Number Index.....	I-12		

**UNIT, DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST**

Section I. INTRODUCTION

1. **SCOPE.** This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit, direct support and general support maintenance of the MK12 System. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

NOTE

SMR codes in this RPSTL are shown only on parts that will be stocked for maintenance of the end item. Other items may be ordered using the CAGEC and Part Number. Maintenance and recoverability authorization for parts without SMR codes can be identified by the next higher assembly or the Maintenance Allocation Chart (MAC) found in TM 5-4220-225-14.

2. **GENERAL.** In addition to this section, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

a. **Section II. Repair Parts List.** A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. This list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Items are shown in the associated illustration(s)/figure(s).

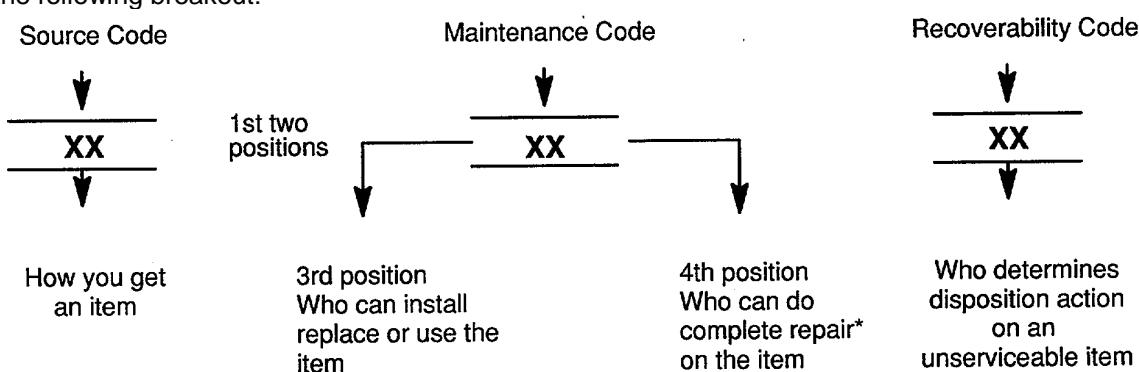
b. **Section III. Special Tools List.** A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. **Section IV. Cross-Reference Index.** A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross referenced to each illustration figure and item number appearance. The figure and item number index lists figure and item numbers in alphanumeric sequence and cross references NSN, CAGEC and part number.

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

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

b. **SMR Code (Column (2)).** The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



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

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

Source Code Explanation

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

NOTE

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

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

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

Maintenance

Code	Application/Explanation
C -	Crew or operator maintenance done within unit/AVUM maintenance.
O -	Unit level/AVUM maintenance can remove, replace, and use the item.
F -	Direct support/AVIM maintenance can remove, replace, and use the item.
H -	General support maintenance can remove, replace, and use the item.
L -	Specialized repair activity can remove, replace, and use the item.
D -	Depot can remove, replace, and use the item.

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

NOTE

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

Maintenance

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

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

Recoverability

Codes	Application/Explanation
Z -	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
O -	Reparable item. When not economically repairable, condemn and dispose of the item at unit or AVUM level.
F -	Reparable item. When uneconomically repairable, condemn and dispose of the item at the direct support or AVIM level.
H -	Reparable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D -	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L -	Reparable item. Condemnation and disposal not authorized below specialized repair activity(SRA).
A -	Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. CAGEC (Column (3)). The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

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

NOTE

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

e. DESCRIPTION AND USABLE ON CODE (UOC) (Column (5)). This column includes the following information:

(1) The Federal item name and, when required, a minimum description to identify the item.

(2) Part numbers of bulk materials are referenced in this column in the line entry to be manufactured/fabricated.

(3) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both Section II and Section III.

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

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

a. NATIONAL STOCK NUMBER (NSN) INDEX.

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

NSN
5305-01-574-1467
NIIN

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

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

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

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

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

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

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

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

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

c. FIGURE AND ITEM NUMBER INDEX.

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

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

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

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

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

5. SPECIAL INFORMATION.

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

b. FABRICATION INSTRUCTIONS. Bulk materials required to manufacture items are listed in the Bulk Material Functional Group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in TM 5-4220-225-14.

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

d. ASSOCIATED PUBLICATIONS. The publications listed below pertain to the MK12 System and its components.

<u>Publication</u>	<u>Short Title</u>
TM 5-4220-225-14	Operator, Unit, Direct Support and General Support Maintenance Manual, MK12.

6. HOW TO LOCATE REPAIR PARTS.

a. When National Stock Numbers or Part Numbers are NOT Known.

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

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

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

b. When National Stock Number or Part Number is Known.

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

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

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

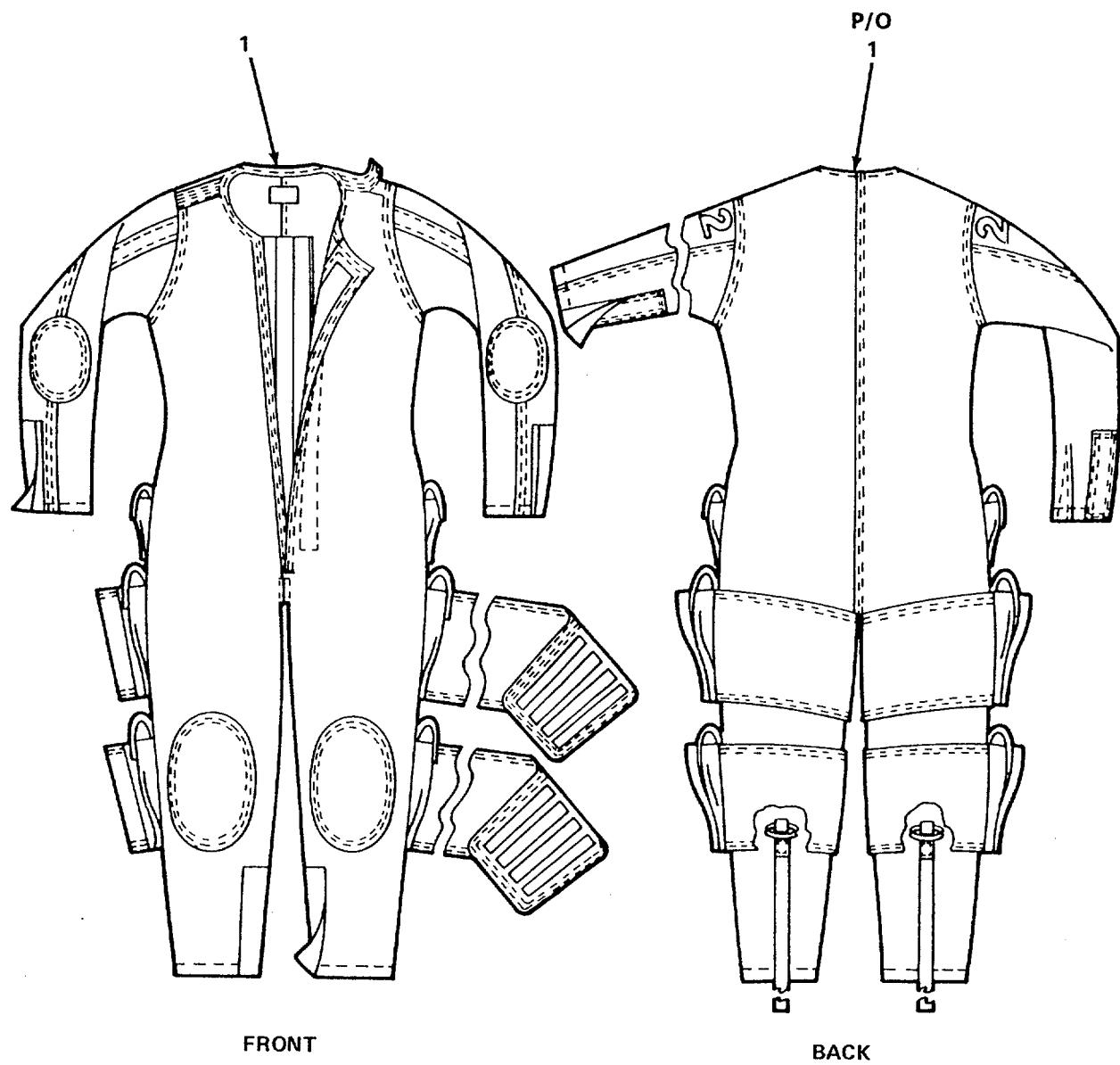


Figure 1. Diver's Coveralls

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
1	PAOOO	07609	SK60575	GROUP 01 DIVER'S DRESS	
1	PAOOO	81349	MIL-C-87032 SZ 2	FIG. 1 DIVER'S COVERALLS	
1	PAOOO	81349	MIL-C-87032 SZ 3	COVERALLS, DIVER'S, SIZE 1.....	1
1	PAOOO	81349	MIL-C-87032 SZ 4	COVERALLS, DIVER'S, SIZE 2.....	1
				COVERALLS, DIVER'S, SIZE 3.....	1
				COVERALLS, DIVER'S, SIZE 4.....	1
				*SEE FIGURE 5 FOR DIVER'S DRESS REPAIR KIT, P/N MIL-R-87034	
				END OF FIGURE	

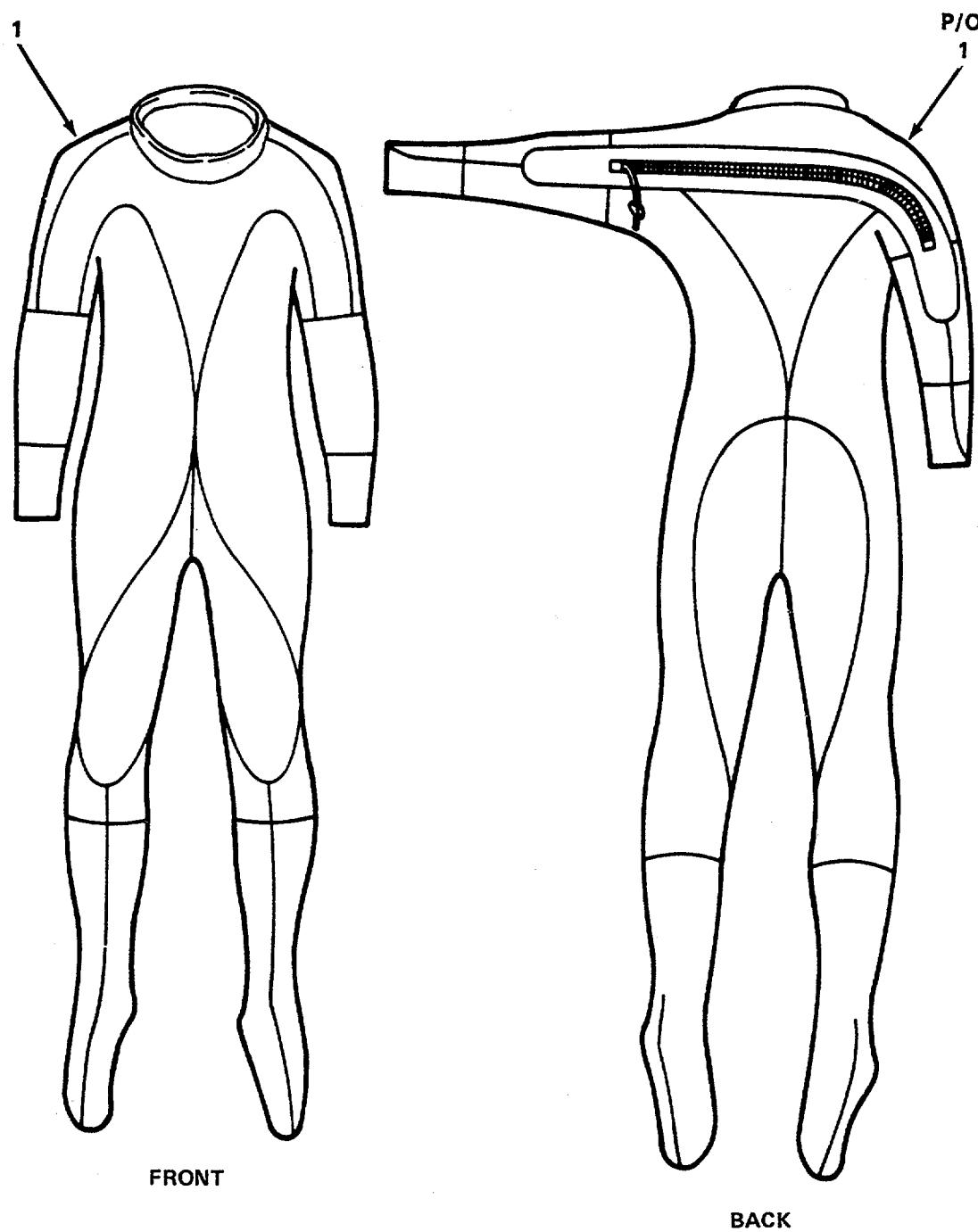


Figure 2. Diver's Drysuit

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
1 1 1 1	PAOOO PAOOO PAOOO PAOOO	07609 81349 07609 07609	SK65238 SZ 1 MIL-D-87030 SK65238 SZ 3 SK65238 SZ 4	GROUP 01 DIVER'S DRESS FIG. 2 DIVER'S DRYSUITS DIVER'S DRESS, SIZE 1 DIVER'S DRESS, SIZE 2 DIVER'S DRESS, SIZE 3 DIVER'S DRESS, SIZE 4 *SEE FIGURE 5 FOR DIVER'S DRESS REPAIR KIT, P/N MIL-R-87034	1 1 1 1

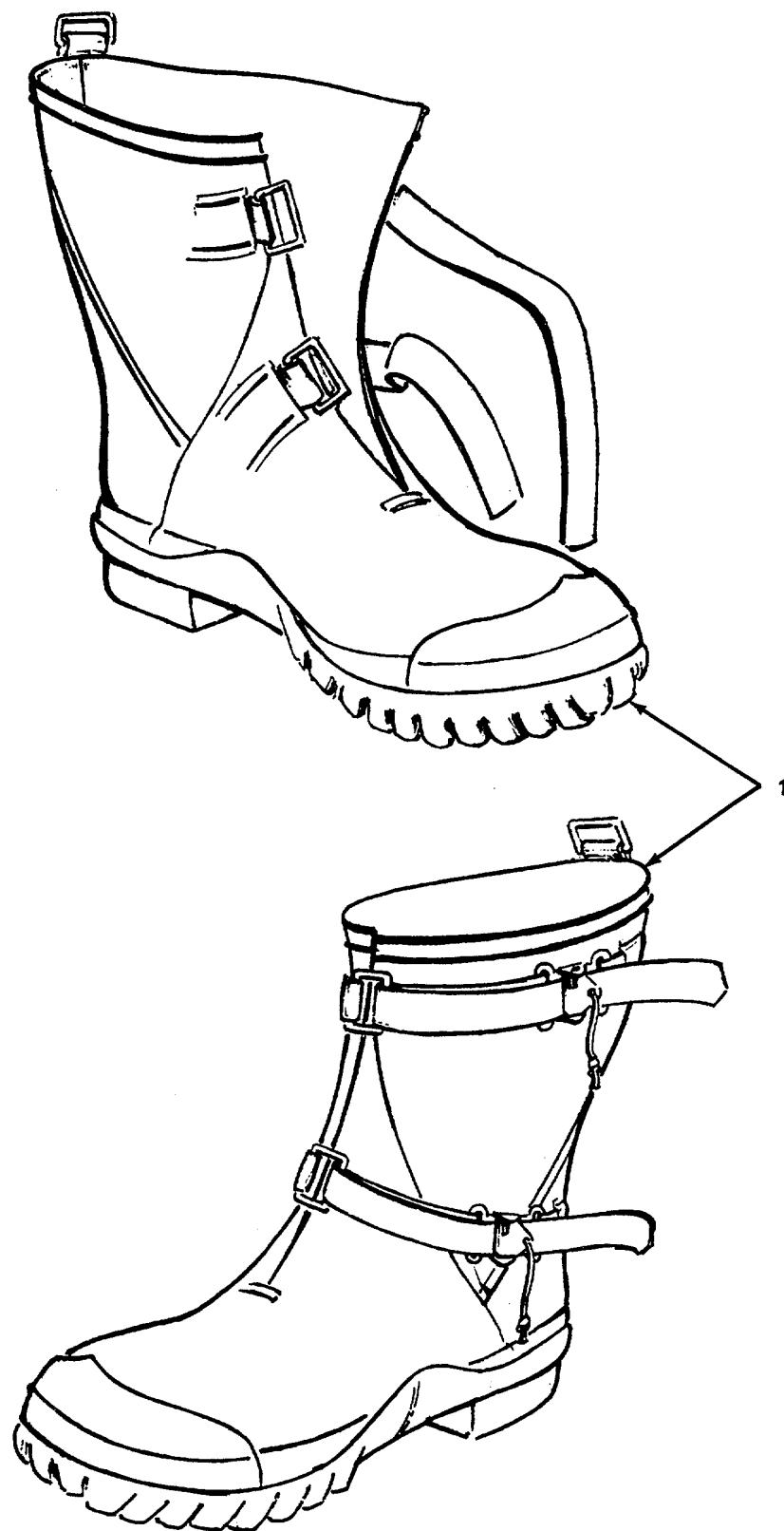


Figure 3. Divers Boots

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 01 DIVER'S DRESS FIG. 3 DIVER'S BOOTS BOOTS, DIVERS, SIZE 8..... SZ 81 BOOTS, DIVERS, SIZE 10..... SZ 102 BOOTS, DIVERS, SIZE 12..... SZ 123 BOOTS, DIVERS, SIZE 14..... SZ 144	1 1 1 1
1	PAOOO	81349	MIL-B-87031 SZ 81		
1	PAOOO	81349	MIL-B-87031 SZ 102		
1	PAOOO	81349	MIL-B-87031 SZ 123		
1	PAOOO	81349	MIL-B-87031 SZ 144		
				*SEE FIGURE 5 FOR DIVER'S DRESS REPAIR KIT, P/N MIL-R-87034	
				END OF FIGURE	

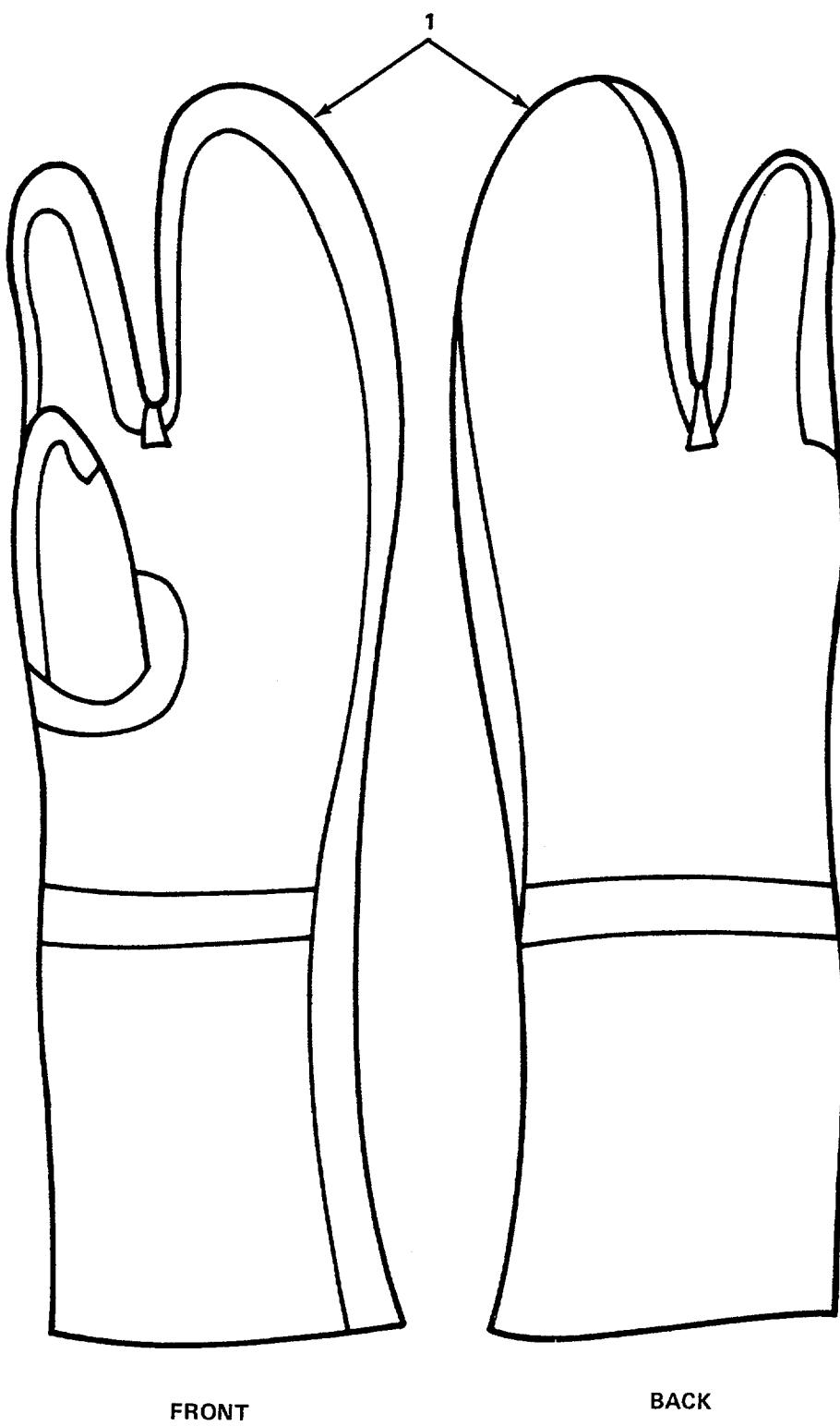


Figure 4. Diver's Mittens

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
1 1 1	PAOOO PAOOO PAOOO	81349 81349 81349	MIL-M-87029 SZ1 MIL-M-87029 5Z2 MIL-M-87029 SZ3	GROUP 01 DIVER'S DRESS FIG. 4 DIVER'S MITTENS GLOVES, DIVERS, SIZE 1..... GLOVES, DIVERS, SIZE 2..... GLOVES, DIVERS, SIZE 3..... *SEE FIGURE 5 FOR DIVER'S DRESS REPAIR KIT, P/N MIL-R-87034. END OF FIGURE	1 1 1

1
2 THRU 8

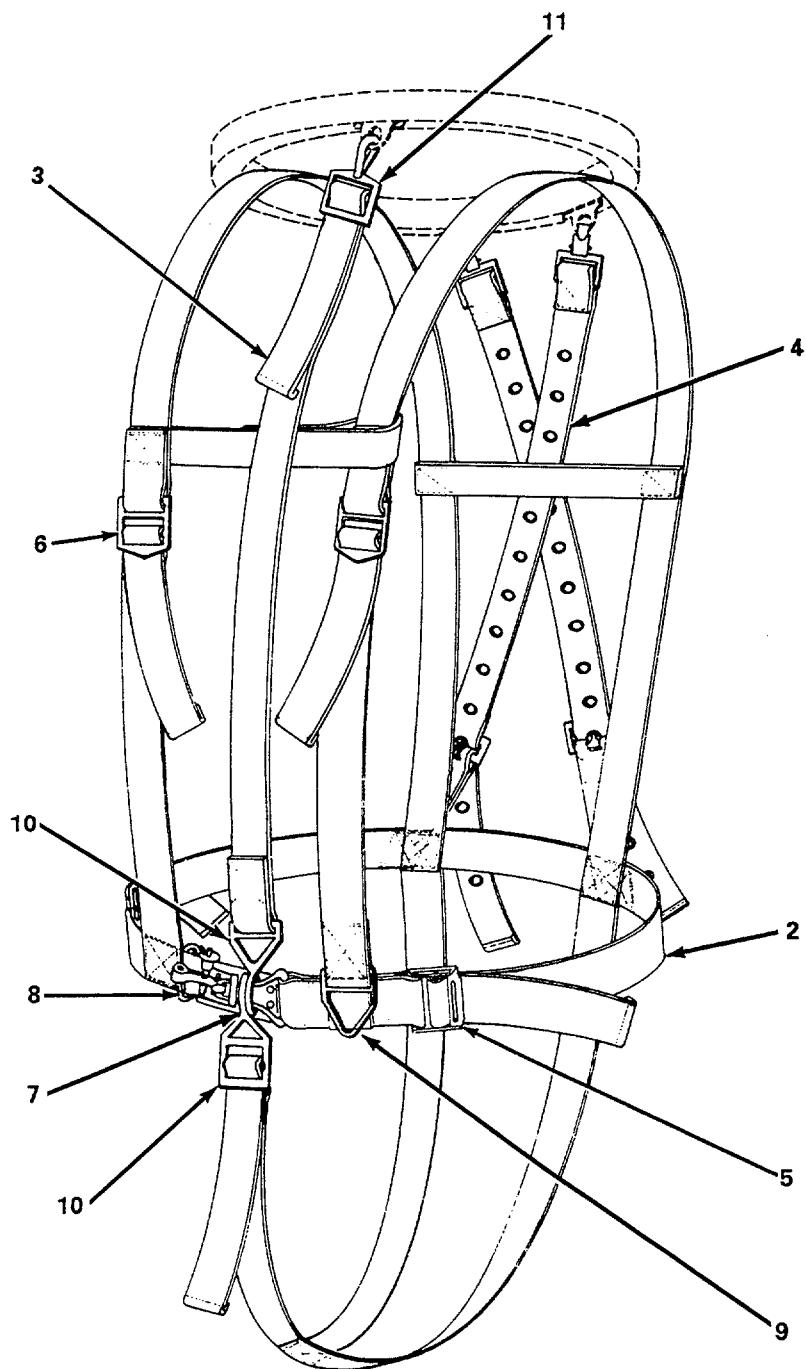


Figure 5. Diver's Harness

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
1	PBOOO	80064	592-4758490 FIND 9 16-1-563	GROUP 01 DIVER'S DRESS FIG. 5 DIVER'S HARNESS HARNESS, DIVER'S	1
2		32263	9905	BELT ASSEMBLY, WAIST, PART OF KIT	1
3		32263	9905-65	P/N MIL-R-87034 JOCKING STRAP, FRONT	1
4		32263	MS220007-1	JOCKING STRAP, REAR	2
5		32263	60-D-562	BELT ASSEMBLY, WAIST, ADJUSTER	1
6		32263	16-1-541	STRAP, ADJUSTER, PART OF KIT	1
7		32263	16-1-542	P/N MIL-R-87034 LATCH PIN ASSEMBLY, SAFETY BELT	1
8		32263	16-1-543	PART OF KIT, P/N MIL-R-87034 LOCKING PIN ASSEMBLY, PART OF KIT	1
9		32263	9905-01-03	PART OF KIT, P/N MIL-R-87034 PARACHUTE HARNESS, V-RING.....	1
10		32263	MS22043-1	PART OF KIT, P/N MIL-R-87034 V-RING ASSEMBLY.....	1
11	PAOZZ	96906	MIL-R-87034	SNAP HOOK..... REPAIR KIT, DIVERS DRESS..... PATCHES, KNEE, COVERALL (12) 1-1 PATCHES, ELBOW, COVERALL (12) 1-1 POCKETS, THIGH WEIGHT, COVERALL, SMALL PAIR (1) 1-1 POCKETS, THIGH WEIGHT, COVERALL, MEDIUM PAIR (1) 1-1 POCKETS, THIGH WEIGHT, COVERALL, LARGE PAIR (1) 1-1 POCKETS, CALF WEIGHT, COVERALL, SMALL PAIR (1) 1-1 POCKETS, CALF WEIGHT, COVERALL, MEDIUM PAIR (1) 1-1 POCKETS, CALF WEIGHT, COVERALL, LARGE PAIR (1) 1-1 POCKETS, CALF WEIGHT, COVERALL, X-LARGE PAIR (1) 1-1 POCKETS, HIP WEIGHT, COVERALL, (6) 1-1 TAPE, HOOK, FASTENER, 12FT.X 21N. (1) 1-1 TAPE, LOOP, FASTENER, 1 2FT.X 21N. (1) 1-1 WEBBING, NYLON, 30FT.X 1-3/4IN. (1) 1-1 PANELS, ZIPPER (3) 2-1 PATCHING MATERIAL, THICK, 4 FT. SQUARE (1) 2-1	5 V

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				<p>FIG. 5 DIVER'S HARNESS (CONT)</p> <p>PATCHING MATERIAL, THICK, 2 FT. SQUARE (1) 2-1</p> <p>BOOTS, DRY SUIT, SMALL PAIR (1) 2-1</p> <p>BOOTS, DRY SUIT, MEDIUM PAIR (2) 2-1</p> <p>BOOTS, DRY SUIT, LARGE PAIR (3) 2-1</p> <p>BOOTS, DRY SUIT, X-LARGE PAIR (1) 2-1</p> <p>BOOTS, DRY SUIT, XX-LARGE PAIR (1) 2-1</p> <p>NECK PIECE AND GASKET ASSEMBLY (6) 2-1</p> <p>LOOPS, SHOULDER (6) 3-1</p> <p>BUCKLES, NON-SLIP, BOOT (6) 3-1</p> <p>STRAPPING, BOOT, 1021N. (1) 3-1</p> <p>LOOPS, WIRE, BOOT, RECTANGULAR (6) 3-1</p> <p>LATCH AND LOCKING PIN ASSEMBLIES, (1) 5-1</p> <p>BELT, WAIST, HARNESS (3) 5-1</p> <p>LINK, BELT, WAIST, HARNESS (3) 5-1</p> <p>BUCKLE, STRAP BAR, HARNESS (2) 5-1</p> <p>ADJUSTERS, BELT, WAIST, HARNESS (4) 5-2</p> <p>STRAP ASSEMBLIES, JOCKING, REAR, HARNESS (3) 5-4</p> <p>ADJUSTERS, BELT, SHOULDER, HARNESS (4) 5-6</p> <p>V-RING, QUICK-FIT, HARNESS (1) 5-7</p> <p>V-RING, HARNESS (3) 5-9</p> <p>V-RING ASSEMBLY, HARNESS (1) 5-10</p> <p>CRAYONS, TAILORS (3)</p> <p>ROLLER, SEAM (1)</p> <p>BLADES, RAZOR (5)</p> <p>LAMINATED FOAM, BOTH SIDES, 1/4 INCH (1)</p> <p>LAMINATED FOAM, ONE SIDE, 1/4 INCH (1)</p> <p>COMPOUND, CHLOROPRENE CEMENT, 1/2 PINT (1)</p> <p>IRON, SEALING, ELECTRIC HEAT (1)</p> <p>ADHESIVE, PLASTIC RESIN, CAN (1)</p> <p>SHEARS, HEAVY DUTY, 12 INCH (1)</p> <p>THREAD, NYLON, SPOOL (1)</p> <p style="text-align: right;">END OF FIGURE</p>	

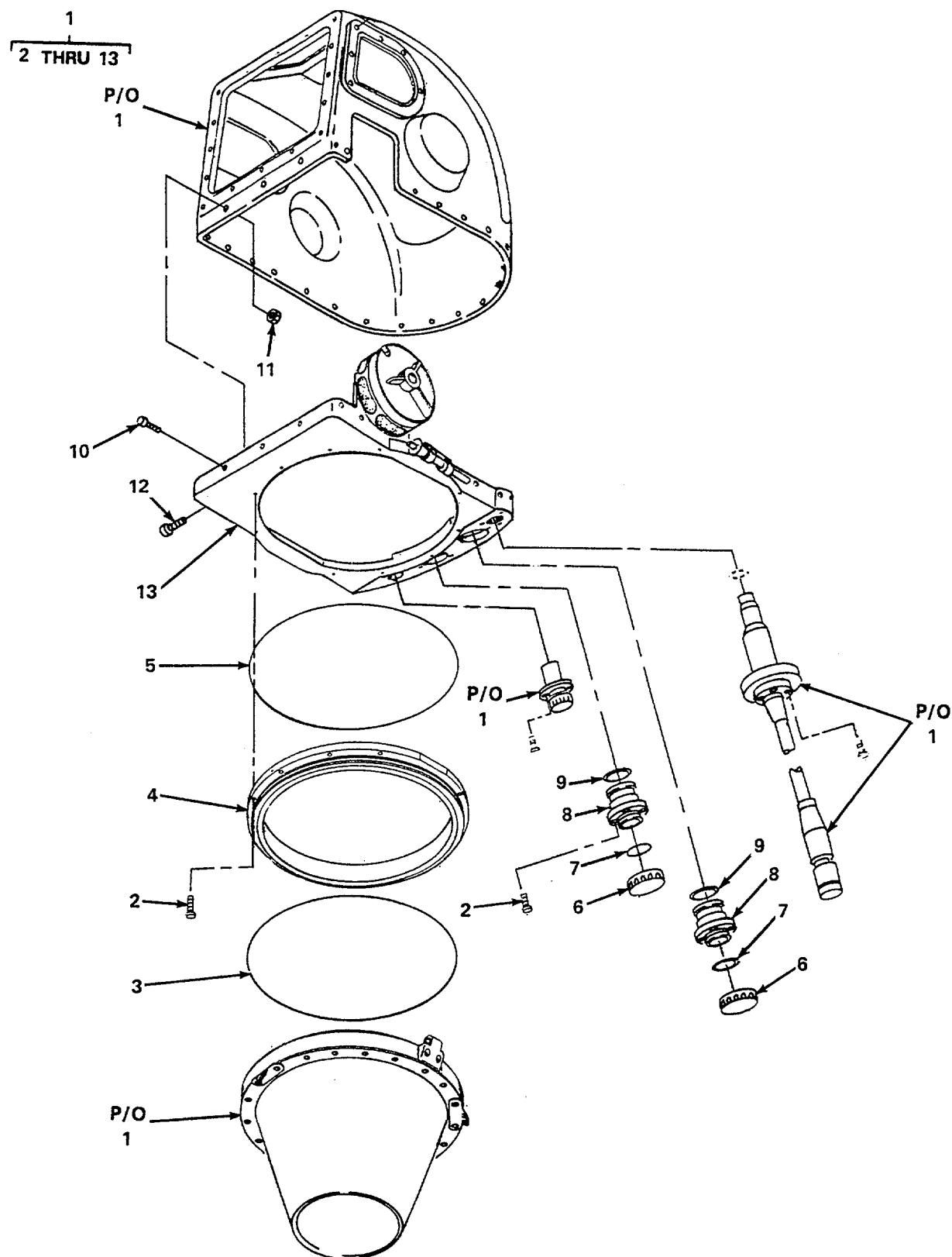


Figure 6. MK 12 Helmet Assembly

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 02 MK 12 HELMET ASSEMBLY FIG. 6 MK 12 HELMET ASSEMBLY	
1	PDFFF	41620	9900-00	HELMET, DEEP-SEA DIVE	1
2		96906	MS16995-25	SCREW, CAP, SOCKET HEAD, PART OF KIT	65
3		96906	MS29513-272	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT.....	1
4		80064	592-4758532	BREECH RING ASSEMBLY, PART OF KIT.....	1
5		96906	MS29513-271	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT.....	1
6		80064	592-4758626	CAP, MIXED-GAS ADAPTER, PART OF KIT	2
7		96906	MS29513-030	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT.....	2
8		80064	592-4758622	P/N 592-4758666 ADAPTER, GAS, DIVER'S, PART OF KIT	2
9		96906	MS29513-129	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT.....	2
10		96906	MS24671-21	SCREW, CAP, SOCKET HEAD FORMING	3
11		96906	MS35649-204	PART OF KIT P/N 592-4758666 NUT, PLAIN-HEX, PART OF KIT.....	3
12		96906	MS24671-8	P/N 592-4758666 SCREW, CAP, SOCKET HEAD, PART OF KIT,	22
13		80064	592-4758531	HELMET BASE	1
				END OF FIGURE	

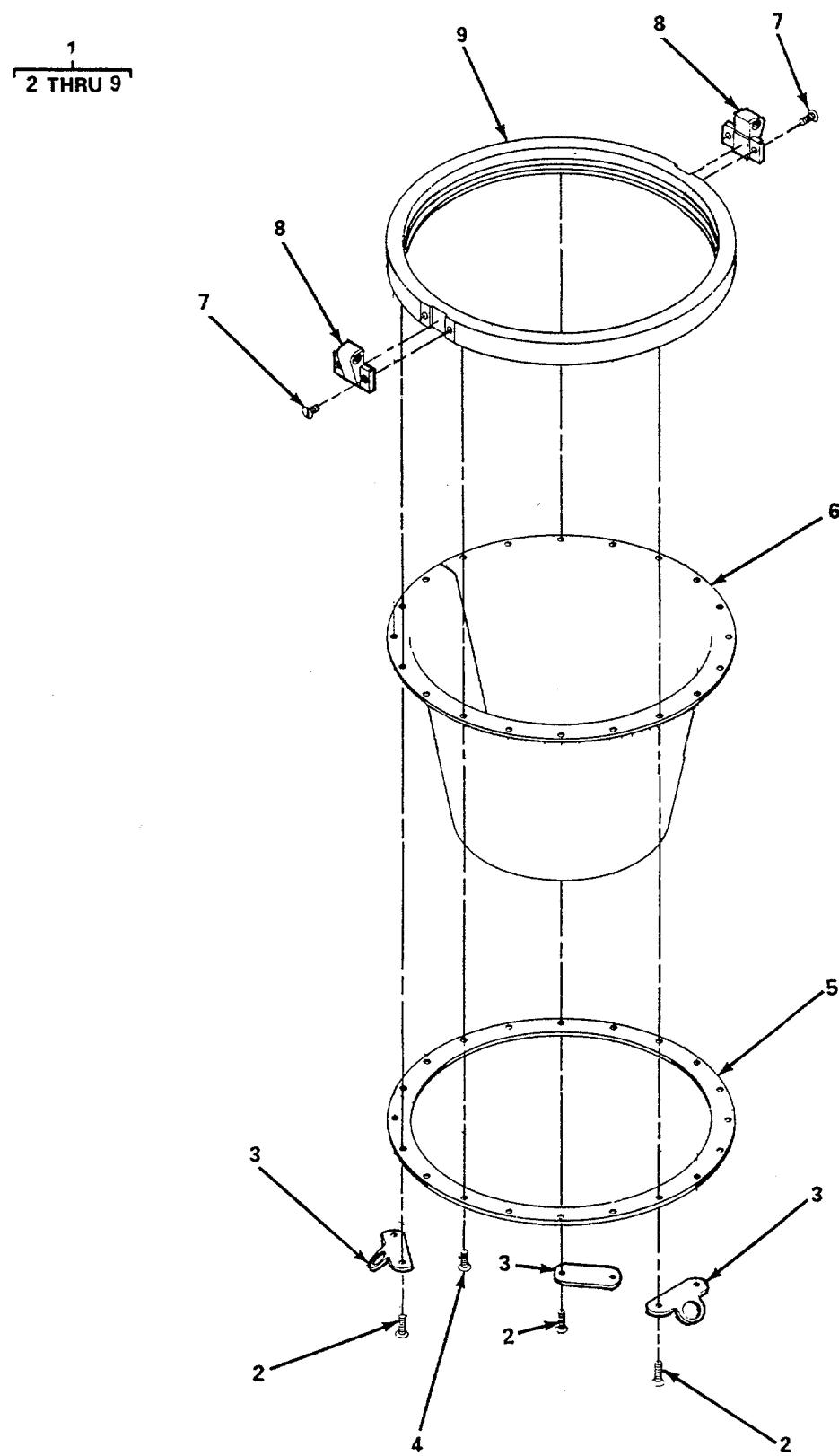


Figure 7. Lower Breech Ring Assembly

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
	PDOOO			<p>GROUP 02 MK 12 HELMET ASSEMBLY</p> <p>FIG. 7 LOWER BREECH RING ASSEMBLY</p> <p>1 80064 592-4758541-0 LOWER BREECH RING ASSEMBLY</p> <p>2 96906 MS24671-15 SCREW-CAP, PART OF KIT, P/N 592-4758666</p> <p>3 80064 592-4758546 JOCKING HARNESS BRACKET, PART OF</p> <p>4 96909 MS24671-14 KIT, P/N 592-4758666</p> <p>5 80064 592-4758543 SCREW-CAP, RETAINER, PART OF KIT</p> <p>6 80064 592-4758539 P/N 592-4758666</p> <p>7 96906 MS16995-25 BREECH RING, DIVER'S, PART OF KIT.....</p> <p>8 80064 592-4758545 P/N 592-4758666</p> <p>9 80064 592-4758542 NECK DAM ASSEMBLY, PART OF KIT</p> <p> P/N 592-4758666</p> <p> SCREW-CAP</p> <p> LUG, LOWER, PART OF KIT</p> <p> P/N 592-4758666</p> <p> RING, LOWER BREECH, PART OF KIT</p> <p> P/N 592-4758666</p> <p style="text-align: center;">END OF FIGURE</p>	

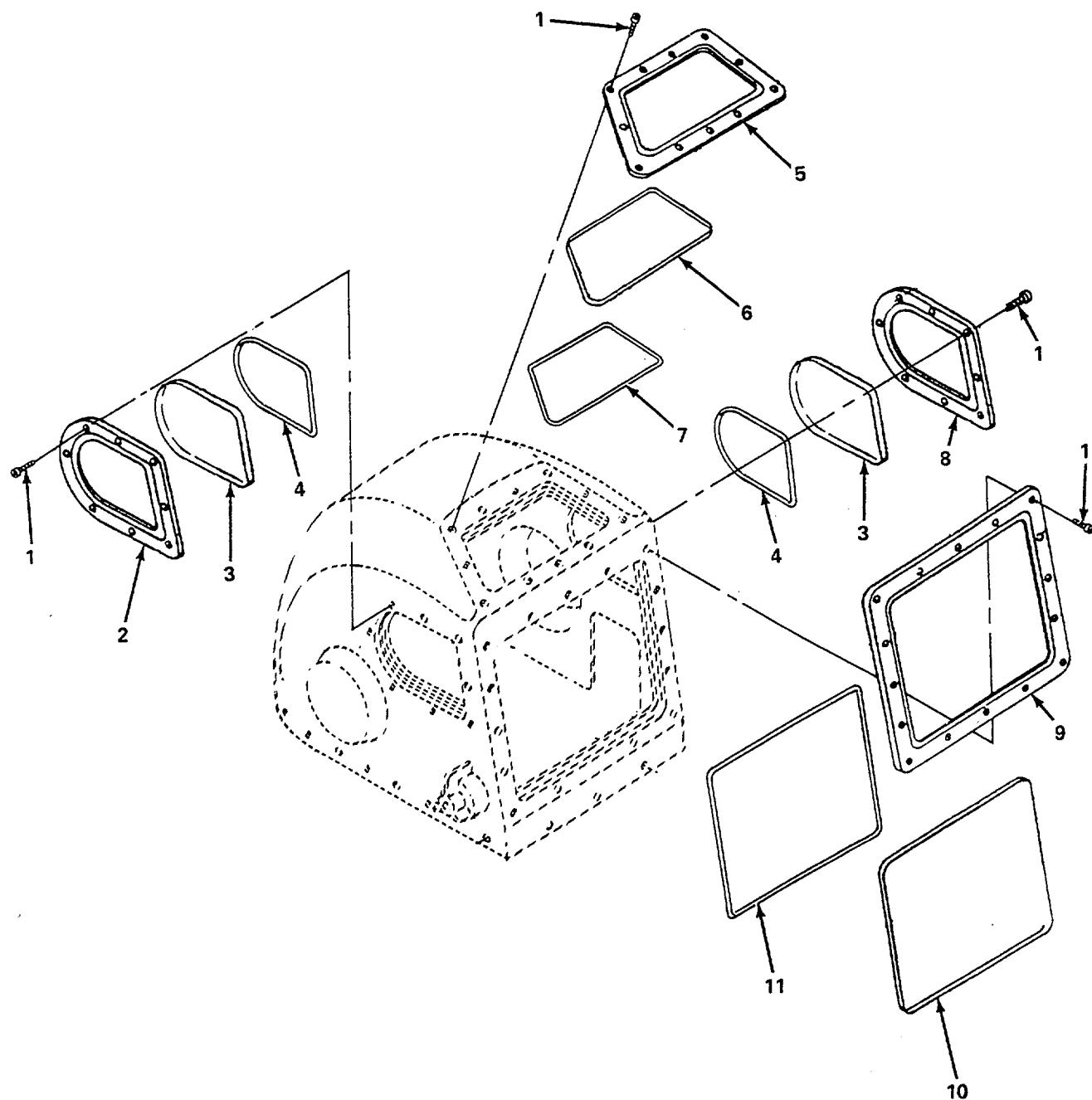


Figure 8. View Ports (Sheet 1 of 2)

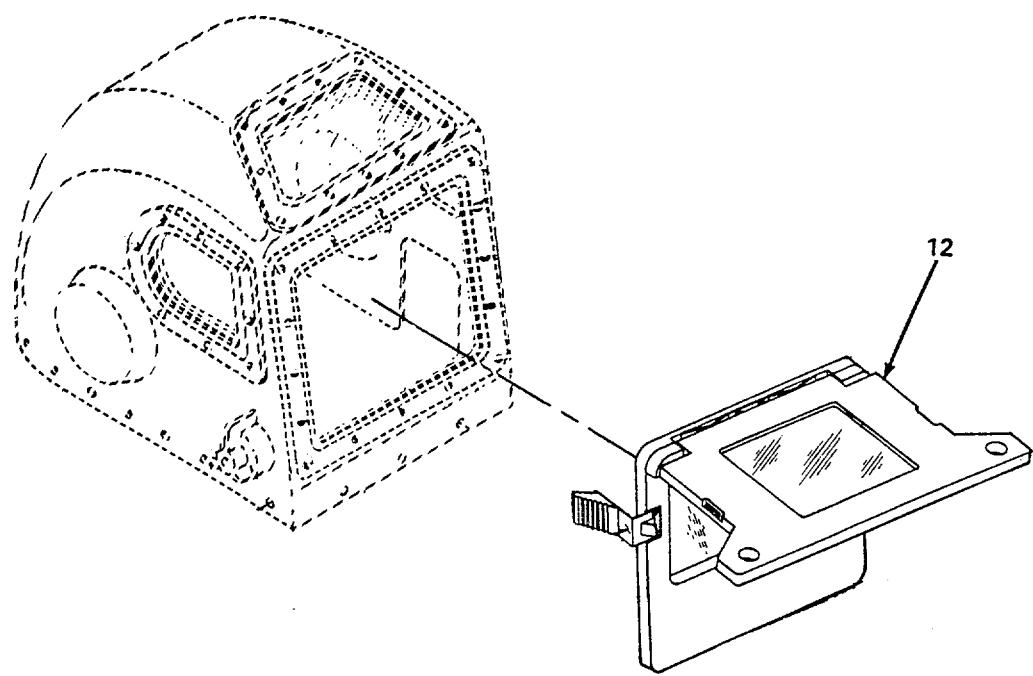


Figure 8. View Ports (Sheet 2 of 2)

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 02 MK 12 HELMET ASSEMBLY FIG. 8 VIEW PORTS	
1	96906	MS16995-25		SCREW, CAP, SOCKET HEAD, PART OF KIT P/N 592-4758666	43
2	80064	592-4758510		VIEWPORT RETAINER, RIGHT, PART OF KIT, P/N 592-4758666	1
3	80064	592-4758509		VIEWPORT, SIDE, DIVING, PART OF KIT, P/N 592-4758666	2
4	80064	592-4758527		SEAL, NONMETALLIC ROUND, SIDE VIEWPORT, PART OF KIT, P/N 592-4758666	2
5	80064	592-4758507		VIEWPORT RETAINER, PART OF KIT, P/N 592-4758666	1
6	80064	592-4758506		VIEWPORT, TOP, PART OF KIT P/N 592-4758666	1
7	80064	592-4758526		SEAL, NONMETALLIC ROUND VIEWPORT PART OF KIT, P/N 592-4758666	1
8	80064	592-4758512		RETAINER, VIEWPORT LEFT, PART OF KIT, P/N 592-4758666	1
9	80064	592-4758504		VIEWPORT RETAINER, FRONT, PART OF KIT P/N 592-4758666	1
10	80064	592-4758503		LENS, DIVER'S HELMET, PART OF KIT P/N 592-4758666	1
11	80064	592-4758525		SEAL, NONMETALLIC ROUND VIEWPORT PART OF KIT, P/N 592-4758666	1
12	80064	592-4759030		SHIELD ASSEMBLY, WELDING	1
				END OF FIGURE	

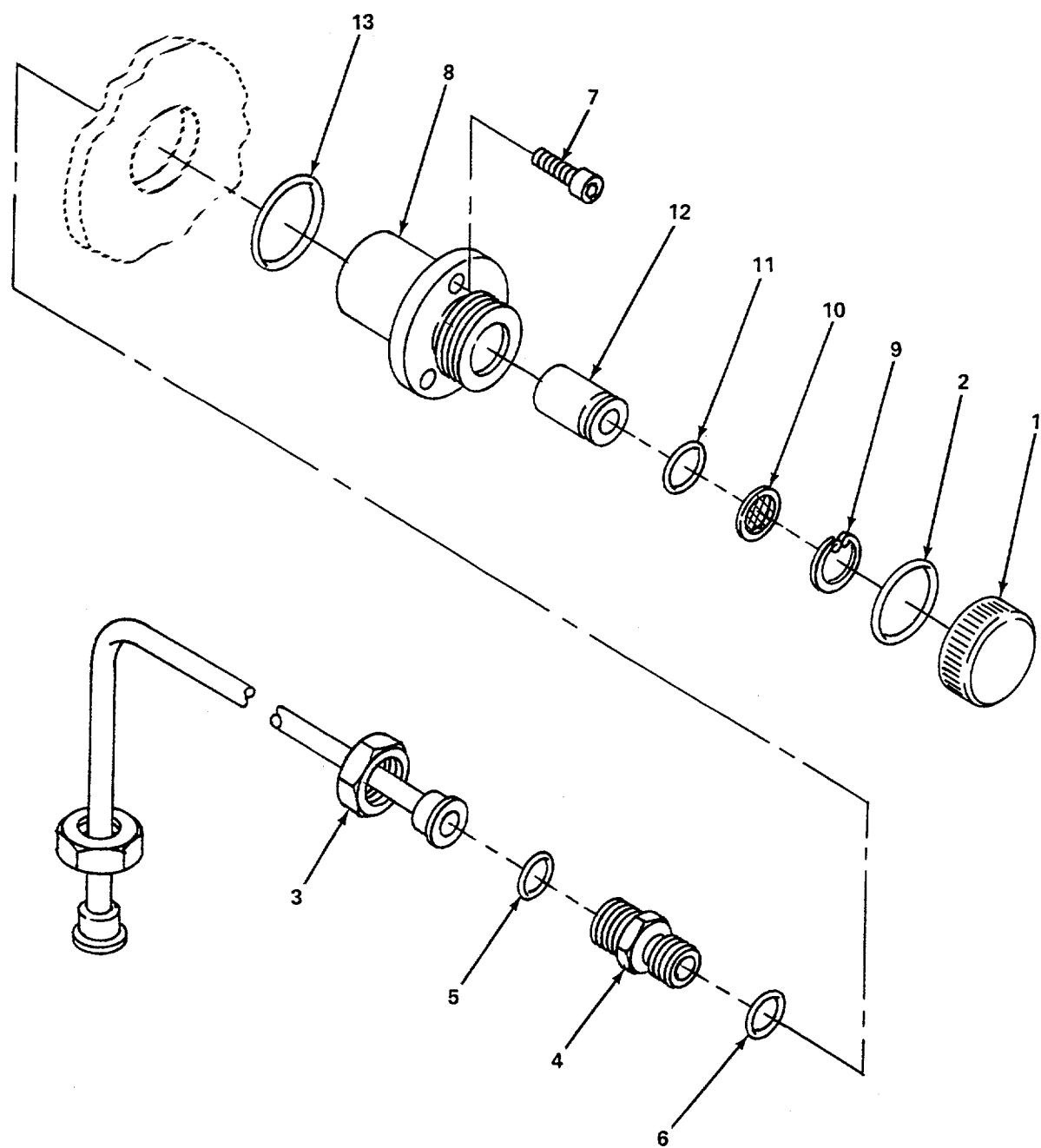


Figure 9. Air Supply Adapter and Tube

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY																																																																																				
				<p>GROUP 02 MK 12 HELMET ASSEMBLY</p> <p>FIG. 9 AIR SUPPLY ADAPTER AND TUBE</p> <table> <tbody> <tr> <td>1</td><td>PBOZZ</td><td>80064</td><td>592-4758598</td><td>CAP, AIR SUPPLY ADAPTER.....</td><td>1</td></tr> <tr> <td>2</td><td>PAOZZ</td><td>80064</td><td>592-4758599</td><td>GASKET, PART OF KIT, P/N 592-4758666.....</td><td>1</td></tr> <tr> <td>3</td><td>PDOFF</td><td>80064</td><td>592-4758600</td><td>AIR SUPPLY TUBING ASSEMBLY, PART OF.....</td><td>1</td></tr> <tr> <td>4</td><td></td><td>80064</td><td>592-4758864</td><td>KIT, P/N 592-4758666 ADAPTER, TUBE, PART OF KIT,.....</td><td>2</td></tr> <tr> <td>5</td><td></td><td>96906</td><td>MS29513-012</td><td>P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....</td><td>2</td></tr> <tr> <td>6</td><td></td><td>96906</td><td>MS29512-06</td><td>P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....</td><td>2</td></tr> <tr> <td>7</td><td></td><td>96906</td><td>MS16995-25</td><td>P/N 592-4758666 SCREW, CAP, HEX, SOCKET, PART OF KIT,.....</td><td>3</td></tr> <tr> <td>8</td><td></td><td>80064</td><td>592-4758592</td><td>P/N 592-4758666 REDUCER, TUBE, PART OF KIT,.....</td><td>1</td></tr> <tr> <td>9</td><td></td><td>96906</td><td>MS16625-4068</td><td>P/N 592-4758666 RETAINING RING, INTERNAL, PART OF KIT,.....</td><td>1</td></tr> <tr> <td>10</td><td></td><td>80064</td><td>592-4758843</td><td>P/N 592-4758666 FILTER, PERFORATED METAL, PART OF.....</td><td>1</td></tr> <tr> <td>11</td><td></td><td>96906</td><td>MS29513-014</td><td>KIT, P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....</td><td>1</td></tr> <tr> <td>12</td><td></td><td>91816</td><td>C29498-6Q-.15</td><td>P/N 592-4758666 VALVE, BREATHING APPARATUS, PART</td><td>1</td></tr> <tr> <td>13</td><td></td><td>96906</td><td>MS29513-119</td><td>OF KIT, P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....</td><td>1</td></tr> <tr> <td></td><td></td><td></td><td></td><td>P/N 592-4758666 END OF FIGURE</td><td></td></tr> </tbody> </table>	1	PBOZZ	80064	592-4758598	CAP, AIR SUPPLY ADAPTER.....	1	2	PAOZZ	80064	592-4758599	GASKET, PART OF KIT, P/N 592-4758666.....	1	3	PDOFF	80064	592-4758600	AIR SUPPLY TUBING ASSEMBLY, PART OF.....	1	4		80064	592-4758864	KIT, P/N 592-4758666 ADAPTER, TUBE, PART OF KIT,.....	2	5		96906	MS29513-012	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	2	6		96906	MS29512-06	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	2	7		96906	MS16995-25	P/N 592-4758666 SCREW, CAP, HEX, SOCKET, PART OF KIT,.....	3	8		80064	592-4758592	P/N 592-4758666 REDUCER, TUBE, PART OF KIT,.....	1	9		96906	MS16625-4068	P/N 592-4758666 RETAINING RING, INTERNAL, PART OF KIT,.....	1	10		80064	592-4758843	P/N 592-4758666 FILTER, PERFORATED METAL, PART OF.....	1	11		96906	MS29513-014	KIT, P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	1	12		91816	C29498-6Q-.15	P/N 592-4758666 VALVE, BREATHING APPARATUS, PART	1	13		96906	MS29513-119	OF KIT, P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	1					P/N 592-4758666 END OF FIGURE		
1	PBOZZ	80064	592-4758598	CAP, AIR SUPPLY ADAPTER.....	1																																																																																				
2	PAOZZ	80064	592-4758599	GASKET, PART OF KIT, P/N 592-4758666.....	1																																																																																				
3	PDOFF	80064	592-4758600	AIR SUPPLY TUBING ASSEMBLY, PART OF.....	1																																																																																				
4		80064	592-4758864	KIT, P/N 592-4758666 ADAPTER, TUBE, PART OF KIT,.....	2																																																																																				
5		96906	MS29513-012	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	2																																																																																				
6		96906	MS29512-06	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	2																																																																																				
7		96906	MS16995-25	P/N 592-4758666 SCREW, CAP, HEX, SOCKET, PART OF KIT,.....	3																																																																																				
8		80064	592-4758592	P/N 592-4758666 REDUCER, TUBE, PART OF KIT,.....	1																																																																																				
9		96906	MS16625-4068	P/N 592-4758666 RETAINING RING, INTERNAL, PART OF KIT,.....	1																																																																																				
10		80064	592-4758843	P/N 592-4758666 FILTER, PERFORATED METAL, PART OF.....	1																																																																																				
11		96906	MS29513-014	KIT, P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	1																																																																																				
12		91816	C29498-6Q-.15	P/N 592-4758666 VALVE, BREATHING APPARATUS, PART	1																																																																																				
13		96906	MS29513-119	OF KIT, P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	1																																																																																				
				P/N 592-4758666 END OF FIGURE																																																																																					

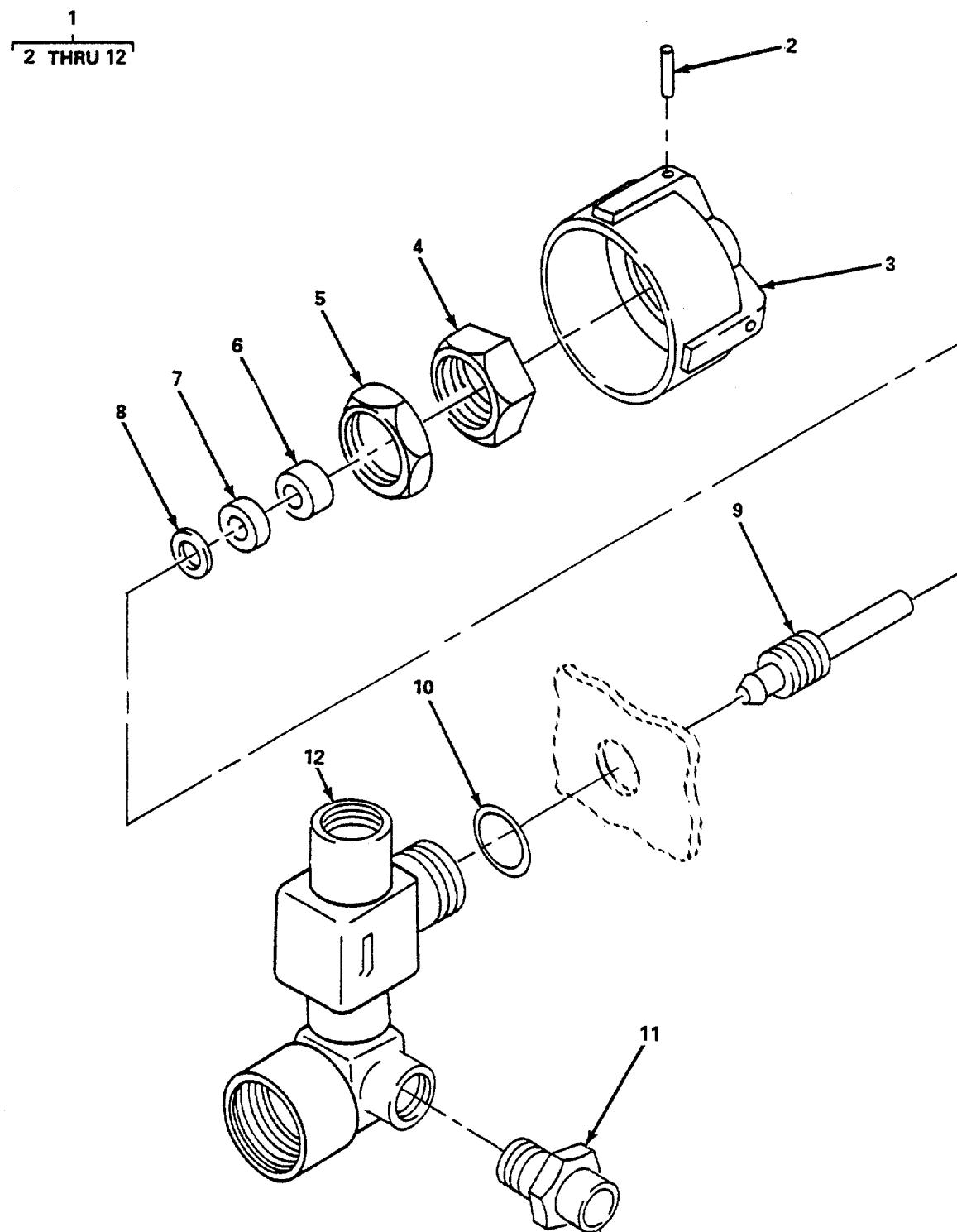


Figure 10. Air Supply Valve Assembly

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 02 MK 12 HELMET ASSEMBLY FIG. 10 AIR SUPPLY VALVE ASSEMBLY	
1	PBOFF	41620	592-4758582-0	VALVE, ANGLE, AIR SUPPLY, PART OF KIT, P/N 592-4758666	1
2		96906	MS51023-110	SETSCREW, PART OF KIT, P/N 592-4758666	2
3		80064	592-4758591	HANDLE, VALVE AIR SUPPLY, PART OF KIT, P/N 592-4758666	1
4		80064	592-4758584-11	PACKING, GLAND NUT, PART OF KIT..... P/N 592-4758666	1
5		80064	592-4758584-3	NUT, AIR SUPPLY VALVE	1
6		80064	592-4758584-5	SPACER, SLEEVE, PART OF KIT..... P/N 592-4758666	1
7		80064	592-4758584-6	PACKING, PREFORMED, PART OF KIT..... P/N 592-4758666	1
8		41620	9903-13-10	WASHER, AIR SUPPLY VALVE, PART OF KIT, P/N 592-4758666	1
9		80064	592-4758584-9	AIR SUPPLY VALVE STEM, PART OF KIT, P/N 592-4758666	1
10		96906	MS29513-113	PACKING, PREFORMED, PART OF KIT,..... P/N 592-4758666	1
11		91816	559B-1M-15	SAFETY VALVE, RELIEF, PART OF KIT,..... P/N 592-4758666	1
12		80064	592-4758583	BODY, AIR SUPPLY VALVE	1
				END OF FIGURE	

1
2 THRU 7

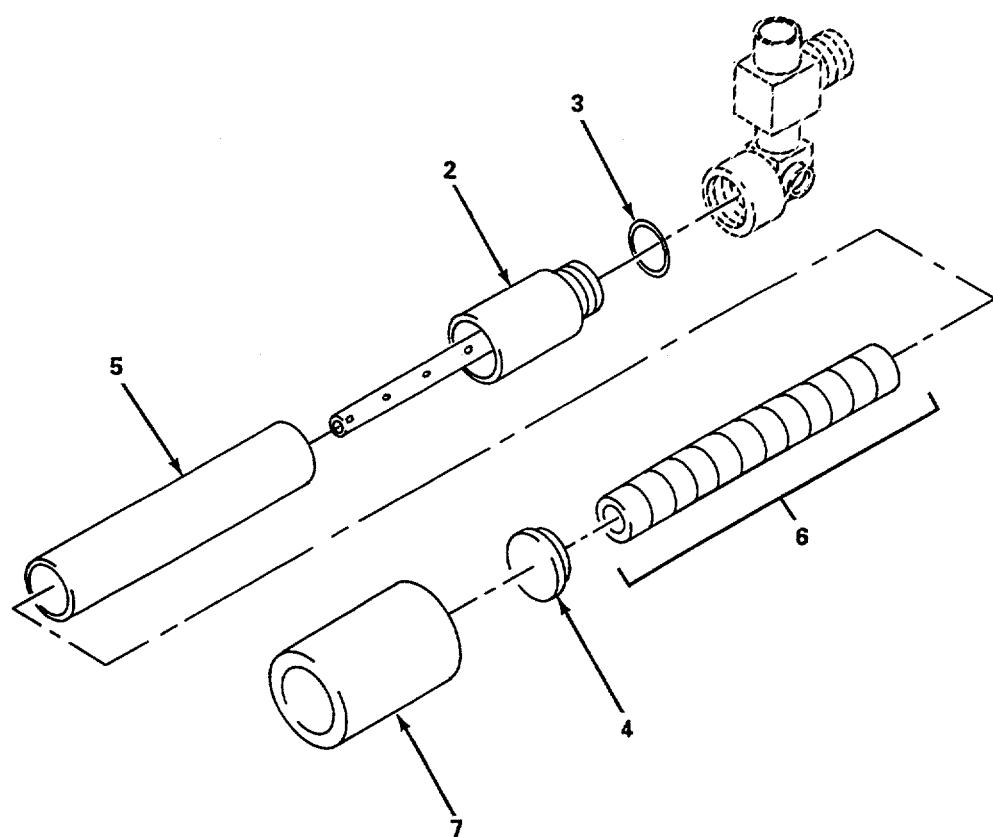


Figure 11. Air Supply Diffuser Assembly

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
	PDOFF			<p>GROUP 02 MK 12 HELMET ASSEMBLY</p> <p>FIG. 11 AIR SUPPLY DIFFUSER ASSEMBLY</p> <p>1 80064 592-4758602 DIFFUSER ASSEMBLY, AIR SUPPLY</p> <p>2 07609 592-4758597 BAFFLE TUBE ASSEMBLY, PART OF</p> <p>3 96906 MS29513-116 KIT, P/N 592-4758666</p> <p>4 07609 592-4758619 PACKING, PREFORMED, PART OF KIT.....</p> <p>5 80064 592-4758604 P/N 592-4758666</p> <p>6 97213 TYPE 9R1 CAP, BAFFLE, TUBE, PART OF KIT.....</p> <p>7 80064 592-4758610 P/N 592-4758666</p> <p>DIFFUSER, AIR SUPPLY, PART OF KIT.....</p> <p>ELEMENT, FILTER, PART OF KIT</p> <p>PAD, EAR CLEARING, PART OF KIT</p> <p>P/N 592-4758666</p>	

END OF FIGURE

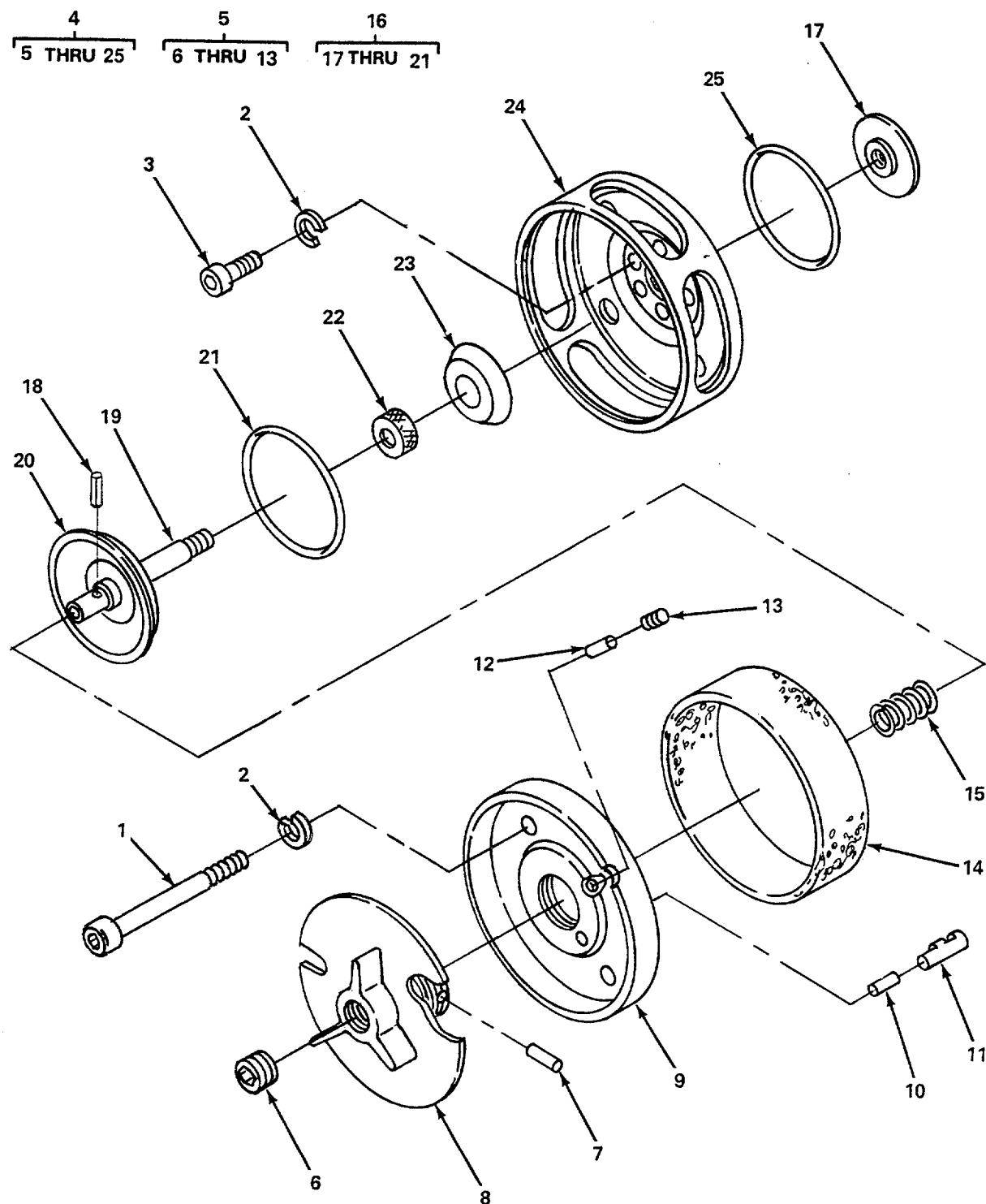


Figure 12. Adjustable Exhaust Valve Assembly

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
1	PDOOO			GROUP 02 MK 12 HELMET ASSEMBLY FIG. 12 ADJUSTABLE EXHAUST VALVE ASSEMBLY	
2	96906	MS16995-41		SCREW, CAP, SOCKET HEAD, PART OF KIT, P/N 592-4758666	2
3	96906	MS35338-138		WASHER, LOCK, PART OF KIT, P/N 592-4758666	4
4	41620	592-4758551-0		SCREW, CAP, SOCKET HEAD.....	2
5	41620	9900-06-1		EXHAUST VALVE ASSEMBLY, ADJUSTABLE.....	1
6	96906	MS51023-150		COVER ASSEMBLY, ADJUSTABLE.....	1
7	96906	MS35675-10		EXHAUST VALVE, PART OF KIT, P/N 592-4758666	1
8	80064	592-4758578		SETSCREW-HEX, PART OF KIT	1
9	80064	592-4758577		P/N 592-4758666	1
10	96906	MS16555-601		GROOVE PIN	1
11	80064	592-4758557		EXHAUST VALVE HANDLE	1
12	80064	592-4758554		ADJUSTABLE EXHAUST VALVE COVER.....	1
13	96906	MS51029-132		PIN, STRAIGHT, HEADLESS.....	1
14	80064	592-4758562		STOP.....	1
15	80064	592-4758563		FRICTION DRAG INSERT, PART OF KIT,	1
16	80064	592-4758564		P/N 592-4758666	1
17	80064	592-4758567		SET SCREW, PART OF KIT,	1
18	96906	MS35675-10		P/N 592-4758666	1
19	80064	592-4758566		DIFFUSER, EXHAUST VALVE, PART OF	1
20	80064	592-4758565		KIT, P/N 592-4758666	1
21	96906	AS 568-132		SPRING, HELICAL, COMP, PART OF KIT,	1
22	80064	592-4758561		P/N 592-4758666	1
23	80064	592-4758560		POPPET VALVE ASSEMBLY, PART OF	1
				KIT, P/N 592-4758666	1
				CHIN BUTTON, POPPET, PART OF KIT,	1
				P/N 592-4758666	1
				GROOVE PIN	1
				POPPET VALVE STEM.....	1
				POPPET VALVE DISK	1
				PACKING, PREFORMED, PART OF KIT,.....	1
				P/N 592-4758666	1
				RETAINER, VALVE, EXHAUST VALVE.....	1
				PART OF KIT, P/N 592-4758666	1
				DIAPHRAGM, VALVE, PART OF KIT	1
				P/N 592-4758666	1

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
24		80064	592-4758559	FIG. 12 ADJUSTABLE EXHAUST VALVE ASSEMBLY (CONT)	1
25		96906	MS29513-137	VALVE BODY, EXHAUST PACKING, PREFORMED, PART OF KIT,..... P/N 592-4758666 END OF FIGURE	1

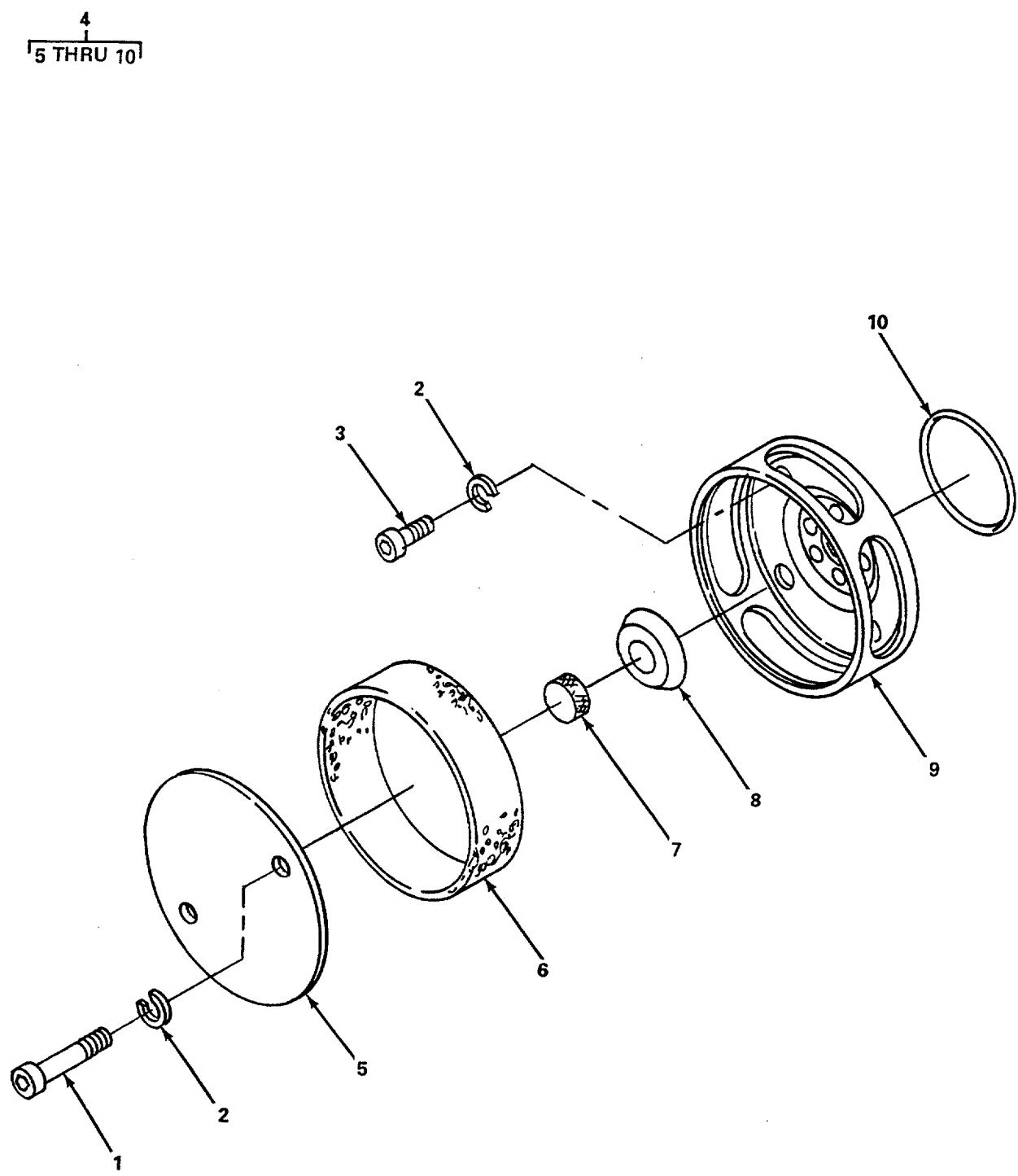


Figure 13. Ambient Exhaust Valve Assembly

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGE	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 02 MK 12 HELMET ASSEMBLY FIG. 13 AMBIENT EXHAUST VALVE ASSEMBLY	
1		96906	MS16995-41	SCREW, CAP, SOCKET HEAD, PART OF KIT, P/N 592-4758666	2
2		96906	MS35338-138	WASHER, LOCK, PART OF KIT, P/N 592-4758666	4
3		96906	MS16995-35	SCREW, CAP, SOCKET HEAD, PART OF KIT, P/N 592-4758666	2
4		80064	592-4758551	AMBIENT EXHAUST VALVE ASSEMBLY	1
5		80064	592-4758573	AMBIENT EXHAUST VALVE COVER, PART..... OF KIT, P/N 592-4758666	1
6		80064	592-4758562	EXHAUST VALVE DIFFUSER, PART OF KIT, P/N 592-4758666	1
7		80064	592-4758572	CAP, AMBIENT, VALVE, PART OF KIT..... P/N 592-4758666	1
8	PAOZZ	80064	592-4758560	DIAPHRAGM, EXHAUST VALVE, PART OF KIT, P/N 592-4758666	1
9	PAOZZ	80064	592-4758559	VALVE BODY, EXHAUST	1
10	PAOZZ	96906	MS29513-137	PACKING, PREFORMED PART OF KIT..... P/N 592475866	1
				END OF FIGURE	

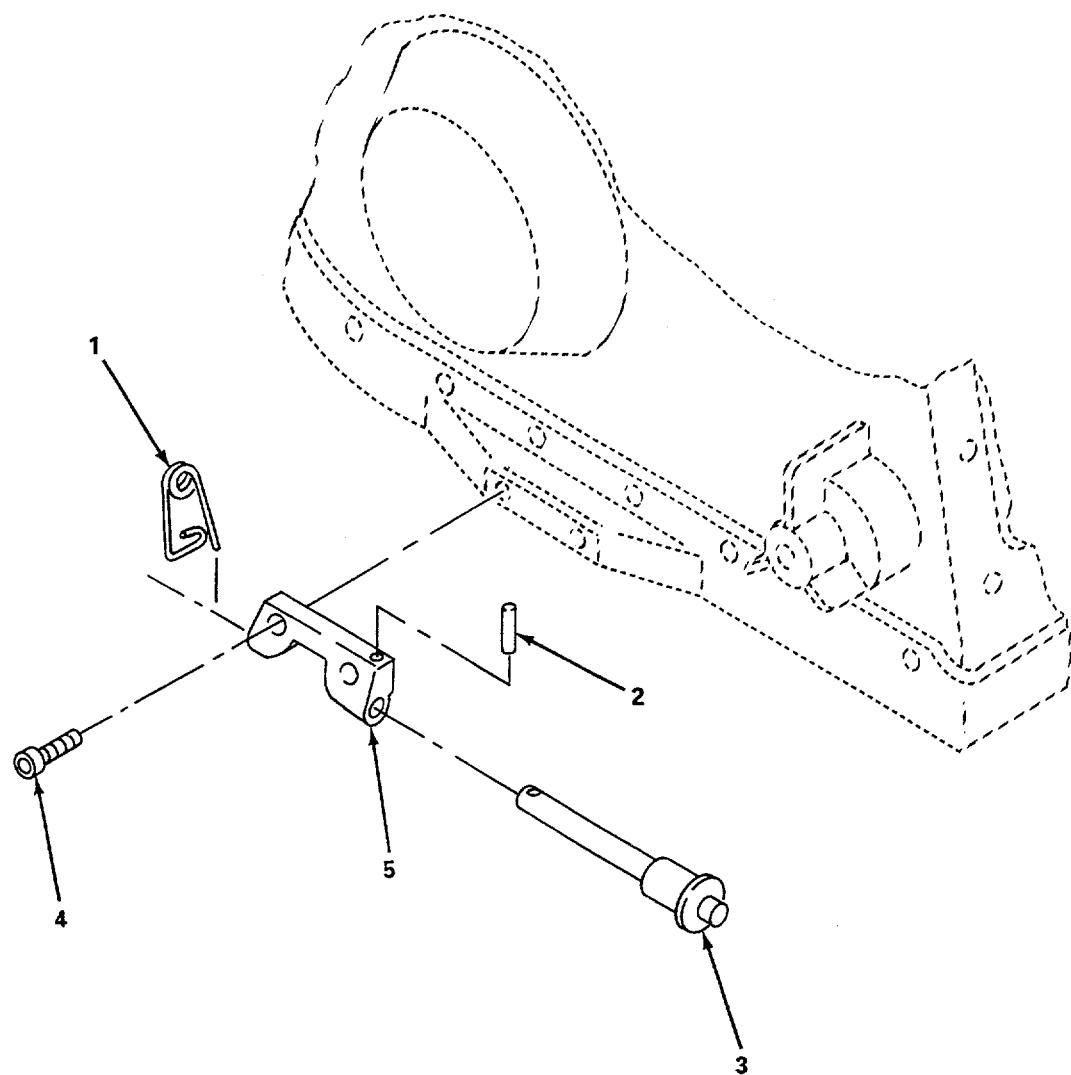


Figure 14. Helmet Lug

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
	PAOZZ			GROUP 02 MK 12 HELMET ASSEMBLY FIG. 14 HELMET LUG 1 80064 592-4758579 2 96906 MS51605-15 3 80064 592-4758534 4 96906 MS16995-18 5 80064 592-4758500 FIND46 PIN, SAFETY, PART OF KIT, P/N 592-4758666..... PIN, GROOVED, HEADLESS, PART OF KIT, P/N 592-4758666 PIN, QUICK RELEASE, PART OF KIT, P/N 592-4758666 SCREW, CAP, SOCKET HEAD, PART OF KIT, P/N 592-4758666 LUG, HELMET, DIVING, PART OF KIT, P/N 592-4758666 END OF FIGURE	

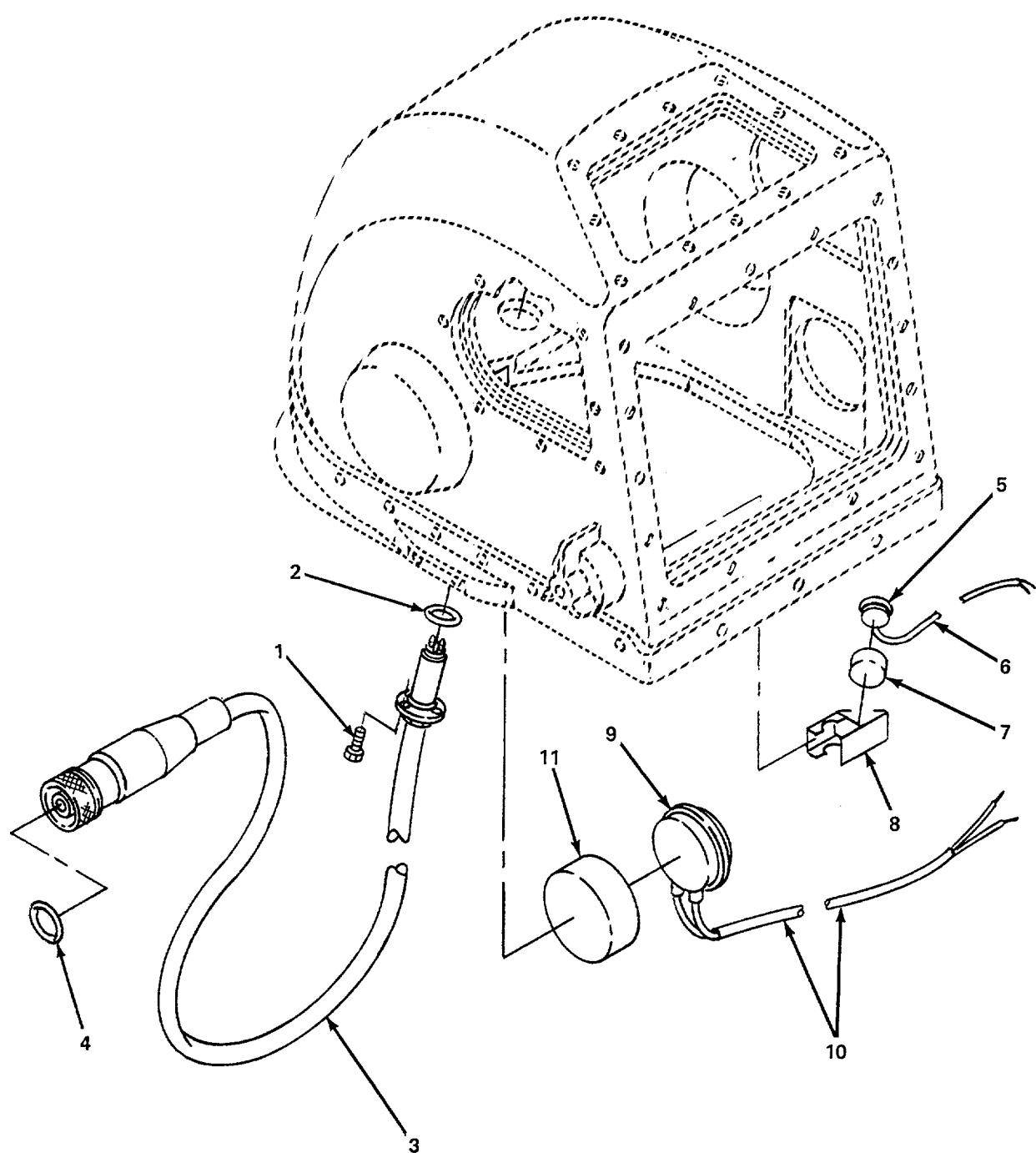


Figure 15. Helmet Communications

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
PAOOO				GROUP 02 MK 12 HELMET ASSEMBLY FIG. 15 HELMET COMMUNICATIONS	
1		96906	MS16995-25	SCREW, PART OF KIT, P/N 592-4758666	3
2		96906	MS29513-119	PACKING, PREFORMED, PART OF KIT.....	1
3		80064	592-4758631	P/N 592-4758666 WHIP, COMMUNICATION W3, PART OF KIT,.....	1
4		96906	MS29513-020	P/N 592-4758666 PACKING, PREFORMED, PART OF KIT,.....	1
5		81349	M-101-AIC	P/N 592-4758666 MICROPHONE ELEMENT, PART OF KIT	1
6		80064	592-4758667-0	CABLE ASSEMBLY W1, MICROPHONE, PART	1
7		80064	592-4758522	OF KIT, P/N 592-4758666 RETAINER, MICROPHONE	1
8		80064	592-4758521	MOUNT, MICROPHONE	1
9		81349	M18239-2	EARPHONE, PART OF KIT, P/N 592-4758666.....	2
10		41620	9900-75	CABLE ASSEMBLY W2, EARPHONE, PART	1
11		80064	592-4758517	OF KIT, P/N 592-4758666 RETAINER, EARPHONE.....	2
END OF FIGURE					

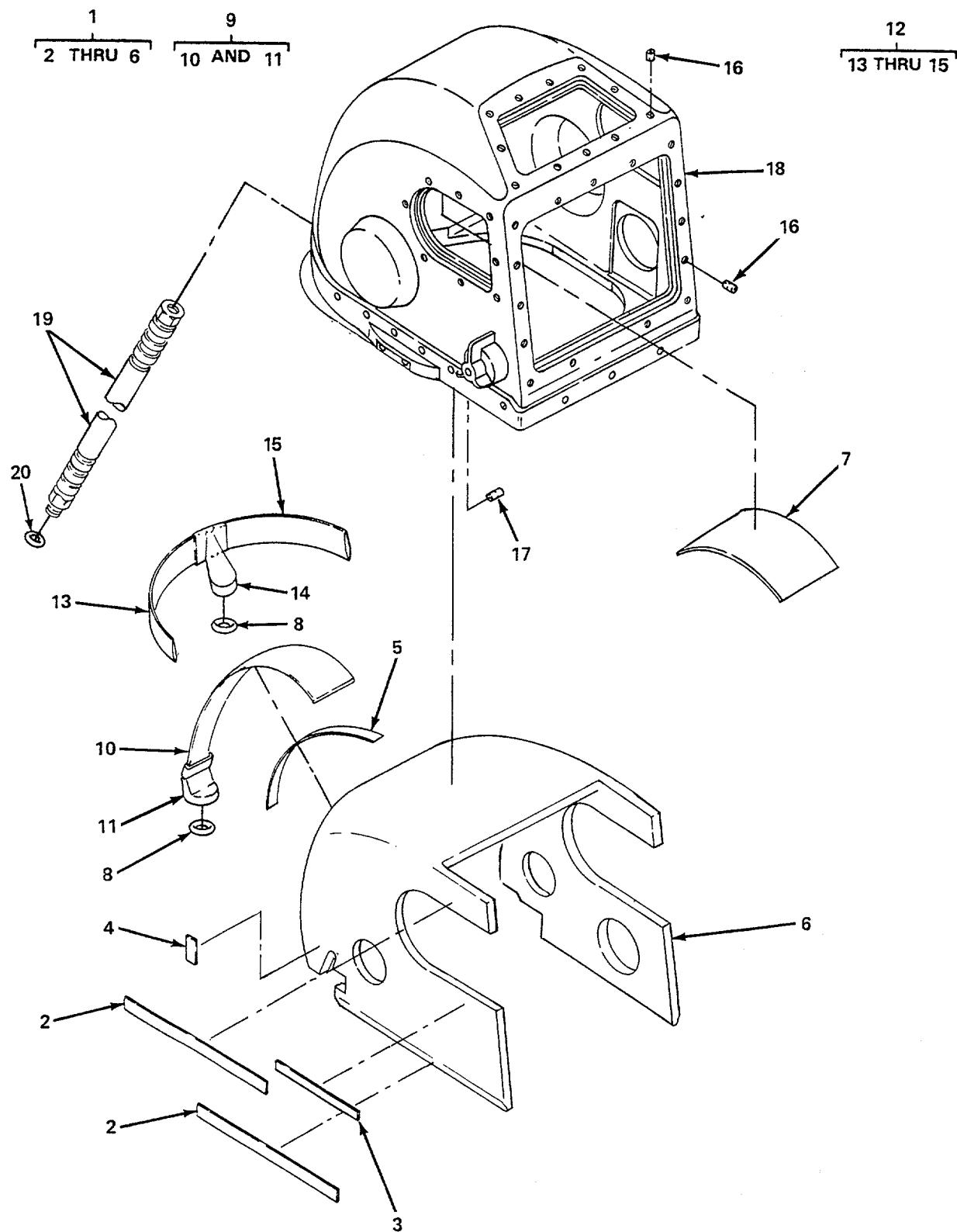


Figure 16. Helmet Liner, Ducts, Shell and Supply Lines

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 02 MK 12 HELMET ASSEMBLY FIG. 16 HELMET LINER, DUCTS, SHELL AND AIR SUPPLY LINES	
1		41620	592-4758523-0	LINER, HELMET DIVING, PART OF	1
2	MOOZZ	80064	592-4758523-2	KIT 592-4758666 FASTENER TAPE, HOOK AND PILE, MAKE.....	4
3	MOOZZ	80064	592-4758523-6	FROM TAPE, P/N MIL-F-21840 TY II, CL3, 4.5 IN. LNG. FASTENER TAPE, HOOK AND PILE, MAKE.....	2
4	MOOZZ	80064	592-4758523-3	FROM TAPE, P/N MIL-F-21840 TY II, CL3, 4.25 IN. LNG. FASTENER TAPE, HOOK AND PILE, MAKE.....	1
5	MOOZZ	80064	592-4758523-4	FROM P/N MIL-F-21840 TY II, CL3, 1.5 IN. LNG. FASTENER TAPE, HOOK AND PILE, MAKE.....	1
6		80064	592-4758524	FROM TAPE, P/N MIL-F-21840 TY II, CL3, 9.0 IN. LNG. HELMET LINER	1
7		80064	592-4758502	HELMET WEIGHT	1
8		10001	1997458	TIE, WIRE.....	2
9		80064	592-4758518	SUPPLY DUCT ASSEMBLY, CENTER	1
10		80064	592-4758569	SUPPLY DUCT	1
11		80064	592-4758570	CONNECTOR, SUPPLY DUCT	1
12		80064	592-4758519	RETURN DUCT ASSEMBLY, REAR.....	1
13		80064	592-4758575	RETURN DUCT, RIGHT.....	1
14		80064	592-4758576	CONNECTOR, RETURN DUCT	1
15		80064	592-4758574	RETURN DUCT, LEFT	1
16		80064	592-4758528	THREADED INSERT	43
17		80064	592-4758520	THREADED INSERT	25
18		80064	592-4758568	HELMET SHELL	1
19		80064	592-4758615-0	AIR WHIP ASSEMBLY, 36 INCH LONG	1
20	PAOZZ	80064	592-4758899-0	PER MIL-H-2815 GASKET, PART OF KIT, P/N 592-4758666	1
		80064	592-4758666	PARTS KIT, HELMET.....	V
				SCREW-CAP, SCH-HEX (207) 6-2 PACKING, PREFORMED (18) 6-3 BREECH RING ASSEMBLY (1) 6-4 PACKING, PREFORMED (9) 6-5 CAP, MIXED GAS ADAPTER (4) 6-6 PACKING, PREFORMED (18) 6-7	

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY																																																																																																																								
				<p>FIG. 16 HELMET LINER, DUCTS, SHELL AND AIR SUPPLY LINES (CONT)</p> <table> <tbody> <tr><td>ADAPTER, MIXED GAS</td><td>(2)</td><td>6-8</td></tr> <tr><td>PACKING, PREFORMED</td><td>(18)</td><td>6-9</td></tr> <tr><td>SCREW-CAP</td><td>(9)</td><td>6-10</td></tr> <tr><td>NUT, PLAIN-HEX</td><td>(9)</td><td>6-11</td></tr> <tr><td>SCREW-CAP</td><td>(75)</td><td>6-12</td></tr> <tr><td>SCREW-CAP</td><td>(18)</td><td>7-2</td></tr> <tr><td>JOCKING HARNESS BRACKET</td><td>(12)</td><td>7-3</td></tr> <tr><td>SCREW-CAP</td><td>(42)</td><td>7-4</td></tr> <tr><td>LOWER BREECH RING</td><td>(3)</td><td>7-5</td></tr> <tr><td>NECK DAM ASSY</td><td>(6)</td><td>7-6</td></tr> <tr><td>LOWER LUG</td><td>(2)</td><td>7-8</td></tr> <tr><td>LOWER BREECH RING</td><td>(3)</td><td>7-9</td></tr> <tr><td>VIEWPORT RETAINER, RIGHT</td><td>(1)</td><td>8-2</td></tr> <tr><td>VIEWPORT, SIDE</td><td>(6)</td><td>8-3</td></tr> <tr><td>SEAL, SIDE VIEWPORT</td><td>(18)</td><td>8-4</td></tr> <tr><td>VIEWPORT RETAINER, TOP</td><td>(1)</td><td>8-5</td></tr> <tr><td>VIEWPORT, TOP</td><td>(3)</td><td>8-6</td></tr> <tr><td>SEAL, TOP VIEWPORT</td><td>(9)</td><td>8-7</td></tr> <tr><td>VIEWPORT RETAINER, LEFT</td><td>(1)</td><td>8-8</td></tr> <tr><td>VIEWPORT RETAINER, FRONT</td><td>(1)</td><td>8-9</td></tr> <tr><td>LENS, FRONT</td><td>(3)</td><td>8-10</td></tr> <tr><td>PACKING, PREFORMED, FRONT VIEWPORT</td><td>(9)</td><td>8-11</td></tr> <tr><td>GASKET</td><td>(9)</td><td>9-2</td></tr> <tr><td>AIR SUPPLY TUBING ASSY</td><td>(1)</td><td>9-3</td></tr> <tr><td>ADAPTER, TUBE</td><td>(3)</td><td>9-4</td></tr> <tr><td>PACKING, PREFORMED</td><td>(18)</td><td>9-5</td></tr> <tr><td>PACKING, PREFORMED</td><td>(18)</td><td>9-6</td></tr> <tr><td>REDUCER, TUBE</td><td>(1)</td><td>9-8</td></tr> <tr><td>RETAINING RING</td><td>(6)</td><td>9-9</td></tr> <tr><td>FILTER, PERFORATED METAL</td><td>(6)</td><td>9-10</td></tr> <tr><td>PACKING, PREFORMED</td><td>(18)</td><td>9-11</td></tr> <tr><td>VALVE</td><td>(12)</td><td>9-12</td></tr> <tr><td>PACKING, PREFORMED</td><td>(9)</td><td>9-13</td></tr> <tr><td>VALVE ASSY, AIR SUPPLY</td><td>(1)</td><td>10-1</td></tr> <tr><td>SETSCREW</td><td>(6)</td><td>10-2</td></tr> <tr><td>VALVE HANDLE, AIR SUPPLY</td><td>(1)</td><td>10-3</td></tr> <tr><td>PACKING GLAND NUT</td><td>(1)</td><td>10-4</td></tr> <tr><td>SPACER</td><td>(3)</td><td>10-6</td></tr> <tr><td>PACKING</td><td>(9)</td><td>10-7</td></tr> <tr><td>WASHER</td><td>(3)</td><td>10-8</td></tr> </tbody> </table>	ADAPTER, MIXED GAS	(2)	6-8	PACKING, PREFORMED	(18)	6-9	SCREW-CAP	(9)	6-10	NUT, PLAIN-HEX	(9)	6-11	SCREW-CAP	(75)	6-12	SCREW-CAP	(18)	7-2	JOCKING HARNESS BRACKET	(12)	7-3	SCREW-CAP	(42)	7-4	LOWER BREECH RING	(3)	7-5	NECK DAM ASSY	(6)	7-6	LOWER LUG	(2)	7-8	LOWER BREECH RING	(3)	7-9	VIEWPORT RETAINER, RIGHT	(1)	8-2	VIEWPORT, SIDE	(6)	8-3	SEAL, SIDE VIEWPORT	(18)	8-4	VIEWPORT RETAINER, TOP	(1)	8-5	VIEWPORT, TOP	(3)	8-6	SEAL, TOP VIEWPORT	(9)	8-7	VIEWPORT RETAINER, LEFT	(1)	8-8	VIEWPORT RETAINER, FRONT	(1)	8-9	LENS, FRONT	(3)	8-10	PACKING, PREFORMED, FRONT VIEWPORT	(9)	8-11	GASKET	(9)	9-2	AIR SUPPLY TUBING ASSY	(1)	9-3	ADAPTER, TUBE	(3)	9-4	PACKING, PREFORMED	(18)	9-5	PACKING, PREFORMED	(18)	9-6	REDUCER, TUBE	(1)	9-8	RETAINING RING	(6)	9-9	FILTER, PERFORATED METAL	(6)	9-10	PACKING, PREFORMED	(18)	9-11	VALVE	(12)	9-12	PACKING, PREFORMED	(9)	9-13	VALVE ASSY, AIR SUPPLY	(1)	10-1	SETSCREW	(6)	10-2	VALVE HANDLE, AIR SUPPLY	(1)	10-3	PACKING GLAND NUT	(1)	10-4	SPACER	(3)	10-6	PACKING	(9)	10-7	WASHER	(3)	10-8	
ADAPTER, MIXED GAS	(2)	6-8																																																																																																																											
PACKING, PREFORMED	(18)	6-9																																																																																																																											
SCREW-CAP	(9)	6-10																																																																																																																											
NUT, PLAIN-HEX	(9)	6-11																																																																																																																											
SCREW-CAP	(75)	6-12																																																																																																																											
SCREW-CAP	(18)	7-2																																																																																																																											
JOCKING HARNESS BRACKET	(12)	7-3																																																																																																																											
SCREW-CAP	(42)	7-4																																																																																																																											
LOWER BREECH RING	(3)	7-5																																																																																																																											
NECK DAM ASSY	(6)	7-6																																																																																																																											
LOWER LUG	(2)	7-8																																																																																																																											
LOWER BREECH RING	(3)	7-9																																																																																																																											
VIEWPORT RETAINER, RIGHT	(1)	8-2																																																																																																																											
VIEWPORT, SIDE	(6)	8-3																																																																																																																											
SEAL, SIDE VIEWPORT	(18)	8-4																																																																																																																											
VIEWPORT RETAINER, TOP	(1)	8-5																																																																																																																											
VIEWPORT, TOP	(3)	8-6																																																																																																																											
SEAL, TOP VIEWPORT	(9)	8-7																																																																																																																											
VIEWPORT RETAINER, LEFT	(1)	8-8																																																																																																																											
VIEWPORT RETAINER, FRONT	(1)	8-9																																																																																																																											
LENS, FRONT	(3)	8-10																																																																																																																											
PACKING, PREFORMED, FRONT VIEWPORT	(9)	8-11																																																																																																																											
GASKET	(9)	9-2																																																																																																																											
AIR SUPPLY TUBING ASSY	(1)	9-3																																																																																																																											
ADAPTER, TUBE	(3)	9-4																																																																																																																											
PACKING, PREFORMED	(18)	9-5																																																																																																																											
PACKING, PREFORMED	(18)	9-6																																																																																																																											
REDUCER, TUBE	(1)	9-8																																																																																																																											
RETAINING RING	(6)	9-9																																																																																																																											
FILTER, PERFORATED METAL	(6)	9-10																																																																																																																											
PACKING, PREFORMED	(18)	9-11																																																																																																																											
VALVE	(12)	9-12																																																																																																																											
PACKING, PREFORMED	(9)	9-13																																																																																																																											
VALVE ASSY, AIR SUPPLY	(1)	10-1																																																																																																																											
SETSCREW	(6)	10-2																																																																																																																											
VALVE HANDLE, AIR SUPPLY	(1)	10-3																																																																																																																											
PACKING GLAND NUT	(1)	10-4																																																																																																																											
SPACER	(3)	10-6																																																																																																																											
PACKING	(9)	10-7																																																																																																																											
WASHER	(3)	10-8																																																																																																																											

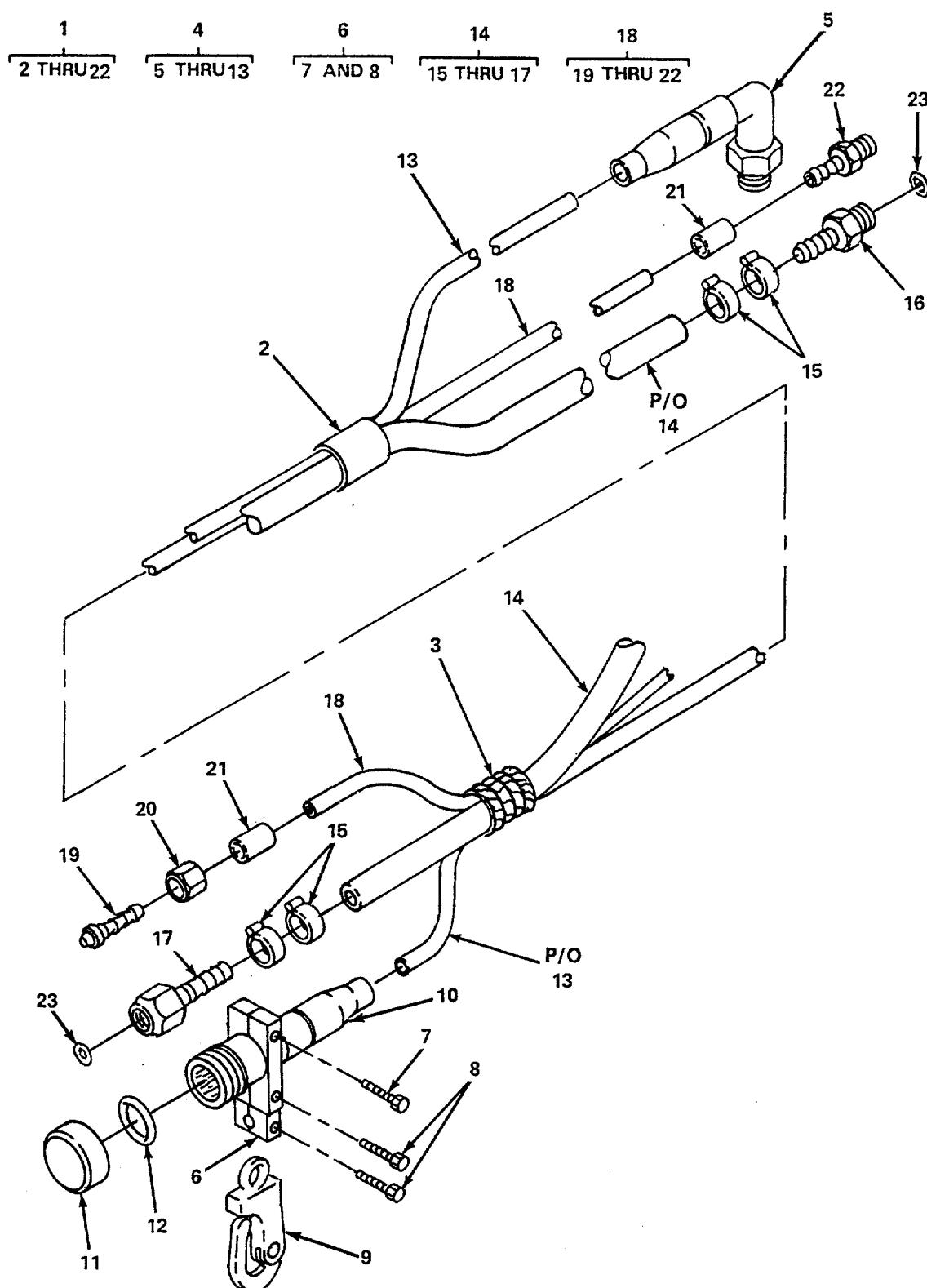
SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY																																																																												
				<p>FIG. 16 HELMET LINER, DUCTS, SHELL AND AIR SUPPLY LINES (CONT)</p> <table> <tbody> <tr><td>AIR SUPPLY VALVE STEM</td><td>(3) 10-9</td></tr> <tr><td>PACKING, PREFORMED</td><td>(9) 10-10</td></tr> <tr><td>RELIEF VALVE</td><td>(3) 10-11</td></tr> <tr><td>BAFFLE TUBE ASSY</td><td>(1) 11-2</td></tr> <tr><td>PACKING, PREFORMED</td><td>(14) 11-3</td></tr> <tr><td>CAP, BAFFLE TUBE</td><td>(1) 11-4</td></tr> <tr><td>AIR SUPPLY DIFFUSER</td><td>(9) 11-5</td></tr> <tr><td>ELEMENT, FILTER</td><td>(120) 11-6</td></tr> <tr><td>EAR CLEARING PAD ASSY</td><td>(12) 11-7</td></tr> <tr><td>SCREW-CAP, SCH-HEX</td><td>(6) 12-1</td></tr> <tr><td>SCREW-CAP, SCH-HEX</td><td>(6) 12-3</td></tr> <tr><td>WASHER, LOCK-SPRING, HELICAL COVER ASSEMBLY, ADJUSTABLE</td><td>(12) 12-2</td></tr> <tr><td>EXHAUST VALVE</td><td>(1) 12-5</td></tr> <tr><td>SETSCREW, HEX</td><td>(3) 12-6</td></tr> <tr><td>FRiction DRAG INSERT</td><td>(9) 12-12</td></tr> <tr><td>EXHAUST VALVE DIFFUSER</td><td>(9) 12-14</td></tr> <tr><td>VALVE SPRING</td><td>(9) 12-15</td></tr> <tr><td>POPPET VALVE ASSY</td><td>(1) 12-16</td></tr> <tr><td>CHIN BUTTON</td><td>(3) 12-17</td></tr> <tr><td>PACKING, PREFORMED</td><td>(18) 12-21</td></tr> <tr><td>RETAINER, VALVE</td><td>(3) 12-22</td></tr> <tr><td>DIAPHRAGM, VALVE</td><td>(1) 12-23</td></tr> <tr><td>PACKING, PREFORMED</td><td>(1) 12-25</td></tr> <tr><td>AMBIENT EXHAUST VALVE COVER</td><td>(1) 13-5</td></tr> <tr><td>EXHAUST VALVE DIFFUSER</td><td>() 13-6</td></tr> <tr><td>CAP, AMBIENT VALVE</td><td>(3) 13-7</td></tr> <tr><td>DIAPHRAGM, EXHAUST VALVE</td><td>(1) 13-8</td></tr> <tr><td>PACKING, PREFORMED</td><td>(1) 13-10</td></tr> <tr><td>PIN, SAFETY</td><td>(1) 14-1</td></tr> <tr><td>SPRING, LOCKING, LEFT</td><td>(2) 14-2</td></tr> <tr><td>UPPER LUG ASSY, RIGHT</td><td>(2) 14-3</td></tr> <tr><td>SCREW-CAP, SCH-HEX</td><td>(12) 14-4</td></tr> <tr><td>LUG, HELMET</td><td>(2) 14-5</td></tr> <tr><td>PACKING, PREFORMED</td><td>(1) 15-2</td></tr> <tr><td>WHIP, COMMUNICATION W3</td><td>(1) 15-3</td></tr> <tr><td>PACKING, PREFORMED</td><td>(24) 15-4</td></tr> <tr><td>MICROPHONE</td><td>(6) 15-5</td></tr> <tr><td>CABLE ASSY, W1, MICROPHONE</td><td>(3) 15-6</td></tr> </tbody> </table>	AIR SUPPLY VALVE STEM	(3) 10-9	PACKING, PREFORMED	(9) 10-10	RELIEF VALVE	(3) 10-11	BAFFLE TUBE ASSY	(1) 11-2	PACKING, PREFORMED	(14) 11-3	CAP, BAFFLE TUBE	(1) 11-4	AIR SUPPLY DIFFUSER	(9) 11-5	ELEMENT, FILTER	(120) 11-6	EAR CLEARING PAD ASSY	(12) 11-7	SCREW-CAP, SCH-HEX	(6) 12-1	SCREW-CAP, SCH-HEX	(6) 12-3	WASHER, LOCK-SPRING, HELICAL COVER ASSEMBLY, ADJUSTABLE	(12) 12-2	EXHAUST VALVE	(1) 12-5	SETSCREW, HEX	(3) 12-6	FRiction DRAG INSERT	(9) 12-12	EXHAUST VALVE DIFFUSER	(9) 12-14	VALVE SPRING	(9) 12-15	POPPET VALVE ASSY	(1) 12-16	CHIN BUTTON	(3) 12-17	PACKING, PREFORMED	(18) 12-21	RETAINER, VALVE	(3) 12-22	DIAPHRAGM, VALVE	(1) 12-23	PACKING, PREFORMED	(1) 12-25	AMBIENT EXHAUST VALVE COVER	(1) 13-5	EXHAUST VALVE DIFFUSER	() 13-6	CAP, AMBIENT VALVE	(3) 13-7	DIAPHRAGM, EXHAUST VALVE	(1) 13-8	PACKING, PREFORMED	(1) 13-10	PIN, SAFETY	(1) 14-1	SPRING, LOCKING, LEFT	(2) 14-2	UPPER LUG ASSY, RIGHT	(2) 14-3	SCREW-CAP, SCH-HEX	(12) 14-4	LUG, HELMET	(2) 14-5	PACKING, PREFORMED	(1) 15-2	WHIP, COMMUNICATION W3	(1) 15-3	PACKING, PREFORMED	(24) 15-4	MICROPHONE	(6) 15-5	CABLE ASSY, W1, MICROPHONE	(3) 15-6	
AIR SUPPLY VALVE STEM	(3) 10-9																																																																																
PACKING, PREFORMED	(9) 10-10																																																																																
RELIEF VALVE	(3) 10-11																																																																																
BAFFLE TUBE ASSY	(1) 11-2																																																																																
PACKING, PREFORMED	(14) 11-3																																																																																
CAP, BAFFLE TUBE	(1) 11-4																																																																																
AIR SUPPLY DIFFUSER	(9) 11-5																																																																																
ELEMENT, FILTER	(120) 11-6																																																																																
EAR CLEARING PAD ASSY	(12) 11-7																																																																																
SCREW-CAP, SCH-HEX	(6) 12-1																																																																																
SCREW-CAP, SCH-HEX	(6) 12-3																																																																																
WASHER, LOCK-SPRING, HELICAL COVER ASSEMBLY, ADJUSTABLE	(12) 12-2																																																																																
EXHAUST VALVE	(1) 12-5																																																																																
SETSCREW, HEX	(3) 12-6																																																																																
FRiction DRAG INSERT	(9) 12-12																																																																																
EXHAUST VALVE DIFFUSER	(9) 12-14																																																																																
VALVE SPRING	(9) 12-15																																																																																
POPPET VALVE ASSY	(1) 12-16																																																																																
CHIN BUTTON	(3) 12-17																																																																																
PACKING, PREFORMED	(18) 12-21																																																																																
RETAINER, VALVE	(3) 12-22																																																																																
DIAPHRAGM, VALVE	(1) 12-23																																																																																
PACKING, PREFORMED	(1) 12-25																																																																																
AMBIENT EXHAUST VALVE COVER	(1) 13-5																																																																																
EXHAUST VALVE DIFFUSER	() 13-6																																																																																
CAP, AMBIENT VALVE	(3) 13-7																																																																																
DIAPHRAGM, EXHAUST VALVE	(1) 13-8																																																																																
PACKING, PREFORMED	(1) 13-10																																																																																
PIN, SAFETY	(1) 14-1																																																																																
SPRING, LOCKING, LEFT	(2) 14-2																																																																																
UPPER LUG ASSY, RIGHT	(2) 14-3																																																																																
SCREW-CAP, SCH-HEX	(12) 14-4																																																																																
LUG, HELMET	(2) 14-5																																																																																
PACKING, PREFORMED	(1) 15-2																																																																																
WHIP, COMMUNICATION W3	(1) 15-3																																																																																
PACKING, PREFORMED	(24) 15-4																																																																																
MICROPHONE	(6) 15-5																																																																																
CABLE ASSY, W1, MICROPHONE	(3) 15-6																																																																																

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				<p>FIG. 16 HELMET LINER, DUCTS, SHELL AND AIR SUPPLY LINES (CONT)</p> <p>EARPHONE (6) 15-9 EARPHONE, CABLE ASSY W2 (3) 15-10 LINEAR, HELMET (1) 16-1 GASKET (1) 16-20 PACKING, PREFORMED (24)</p> <p>END OF FIGURE</p>	



SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 UMBILICAL	
				FIG. 17 UMBILICAL ASSEMBLY, DIVER'S, 600 FT	
1	PAOHH	80064	592-4759107-0	UMBILICAL ASSEMBLY, DIVER'S, 600 FT	1
2	MOOZZ	80064	592-4759107-5	TAPE, MARRYING, MAKE FROM P/N 4666859.....	AR
3	MOOZZ	80064	592-4759107-4	CORD, MARRYING, MAKE FROM P/N T-R-650.....	AR
4	PBOZZ	80064	592-4759160-0	COMMUNICATION/STRENGTH CABLE, 600 FT	1
5	PBOZZ	80064	592-4759161	CONNECTOR ASSEMBLY, ELL, PART	1
				OF KIT, P/N 592-4759153	
6		80064	592-4759120-0	CLIP RING ASSEMBLY	1
7		96906	MS16995-52	SCREW	2
8		96906	MS16995-30	SCREW	1
9	PBOZZ	80064	592-4758499	DIVER'S UMBILICAL HOOK, PART OF KIT	1
10	PBOZZ	80064	592-4759110	P/N 592-4758904 CONNECTOR ASSEMBLY, PIN, PART	1
				OF KIT, P/N 592-4759153	
11		80064	592-4759138	CAP, PROTECTIVE	1
12	PAOZZ	96906	MS29513-122	PACKING, PREFORMED	1
13		80064	592-4759112	CABLE, COMMUNICATION/STRENGTH	1
14	PBOZZ	81349	MIL-H-2815	HOSE ASSEMBLY, DIVER'S, AIR, 100 FT LENGTHS.....	6
15	PAHZZ	80064	4666850	CLAMP, HOSE.....	6
16		80064	4666882	COUPLING, MALE	1
17		14819	E064A115	COUPLING, FEMALE	1
18	PBOZZ	80064	592-4759167	HOSE ASSEMBLY PNEUMOFATHOMETER,	2
				300 FT, LENGTHS	
19		80064	4666874	NIPPLE	1
20		80064	4666846	NUT, HEX	1
21		80064	4666875	FERRULE	2
22		9V562	H125HBVL-4-4	COUPLING, MALE	1
23		80064	NPN-A	GASKET, PART OF KIT P/N 592-4758901	2
				END OF FIGURE	

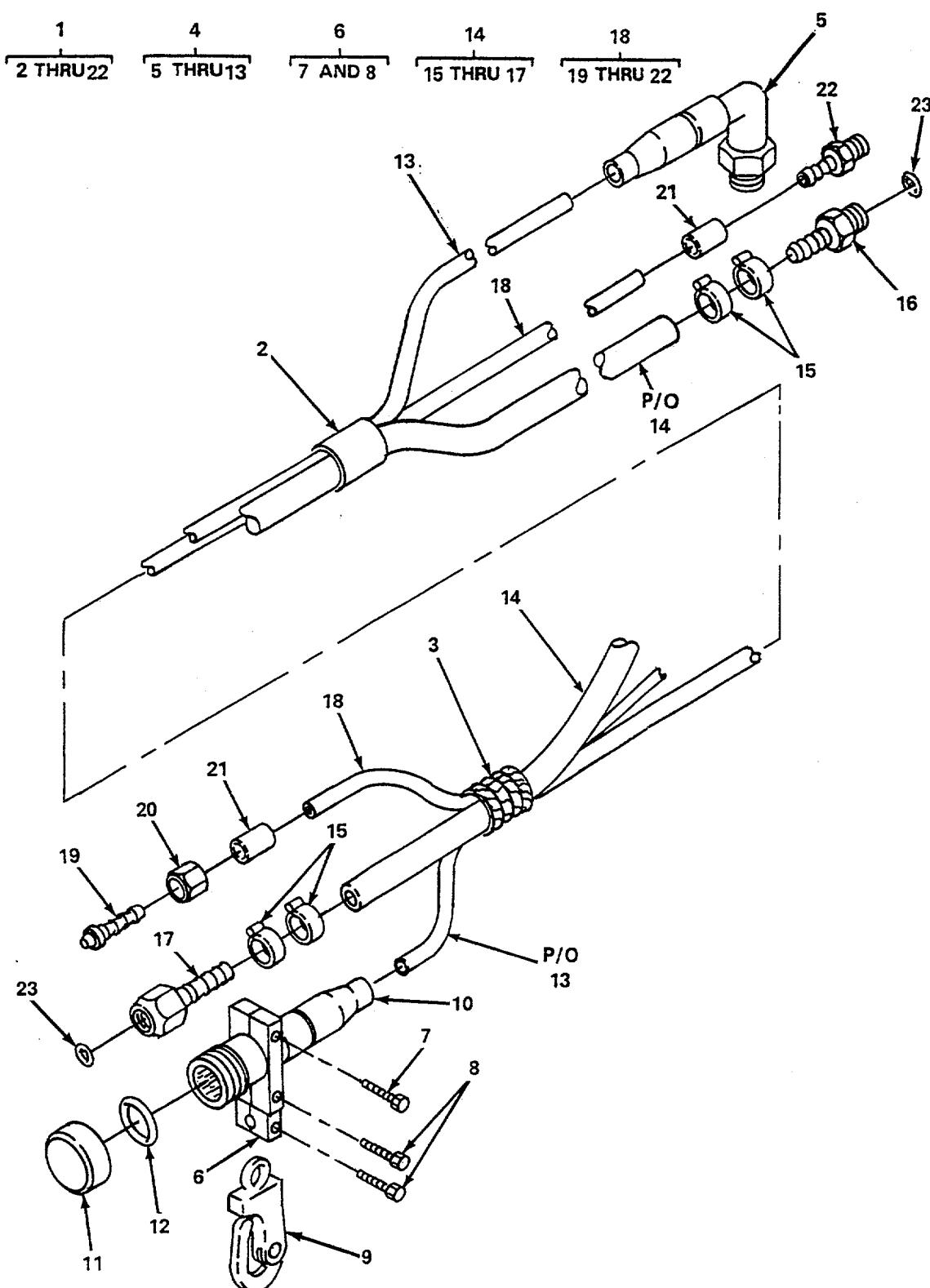


Figure 18. Umbilical Assembly, Diver's, 300 Ft

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 UMBILICAL	
				FIG. 18 UMBILICAL ASSEMBLY, DIVER'S, 300 FT	
1	PAOHH	80064	592-4759107	UMBILICAL ASSEMBLY, DIVER'S, 300 FT	1
2	MOOZZ	80064	592-4759107-5	TAPE, MARRYING, MAKE FROM P/N 4666859.....	AR
3	MOOZZ	80064	592-4759107-4	CORD, MARRYING, MAKE FROM P/N T-R-650.....	AR
4	PBOZZ	80064	592-4759160-0	COMMUNICATION/STRENGTH CABLE, 300 FT	1
5	PBOZZ	80064	592-4759161	CONNECTOR ASSEMBLY, ELL, PART	1
				OF KIT, P/N 592-4759153	
6		80064	592-4759120-0	CLIP RING ASSEMBLY	1
7		96906	MS16995-52	SCREW	2
8		96906	MS16995-30	SCREW	1
9	PBOZZ	80064	592-4758499	DIVER'S UMBILICAL HOOK, PART OF KIT,	1
				P/N 592-4758904	
10	PBOZZ	80064	592-4759110	CONNECTOR ASSEMBLY, PIN, PART	1
				OF KIT, P/N 592-4759153	
11		80064	592-4759138	CAP, PROTECTIVE	1
12	PAOZZ	96906	MS29513-122	PACKING, PREFORMED	1
13		80064	592-4759112	CABLE, COMMUNICATION/STRENGTH	1
14	PBOZZ	81349	MIL-H-2815	HOSE ASSEMBLY, DIVER'S, AIR, 100 FT LENGTHS.....	3
15	PAHZZ	80064	4666850	CLAMP, HOSE.....	6
16		80064	4666882	COUPLING, MALE	1
17		14819	E064A115	COUPLING, FEMALE	1
18	PBOZZ	80064	592-4759167	HOSE ASSEMBLY PNEUMOFATHOMETER,	1
				300 FT, LENGTHS	
19		80064	4666874	NIPPLE	1
20		80064	4666846	NUT, HEX	1
21		80064	4666875	FERRULE	2
22		9V562	H125HBVL-4-4	COUPLING, MALE	1
23		80064	NPN-A	GASKET, PART OF KIT P/N 592-4758904	2
				END OF FIGURE	

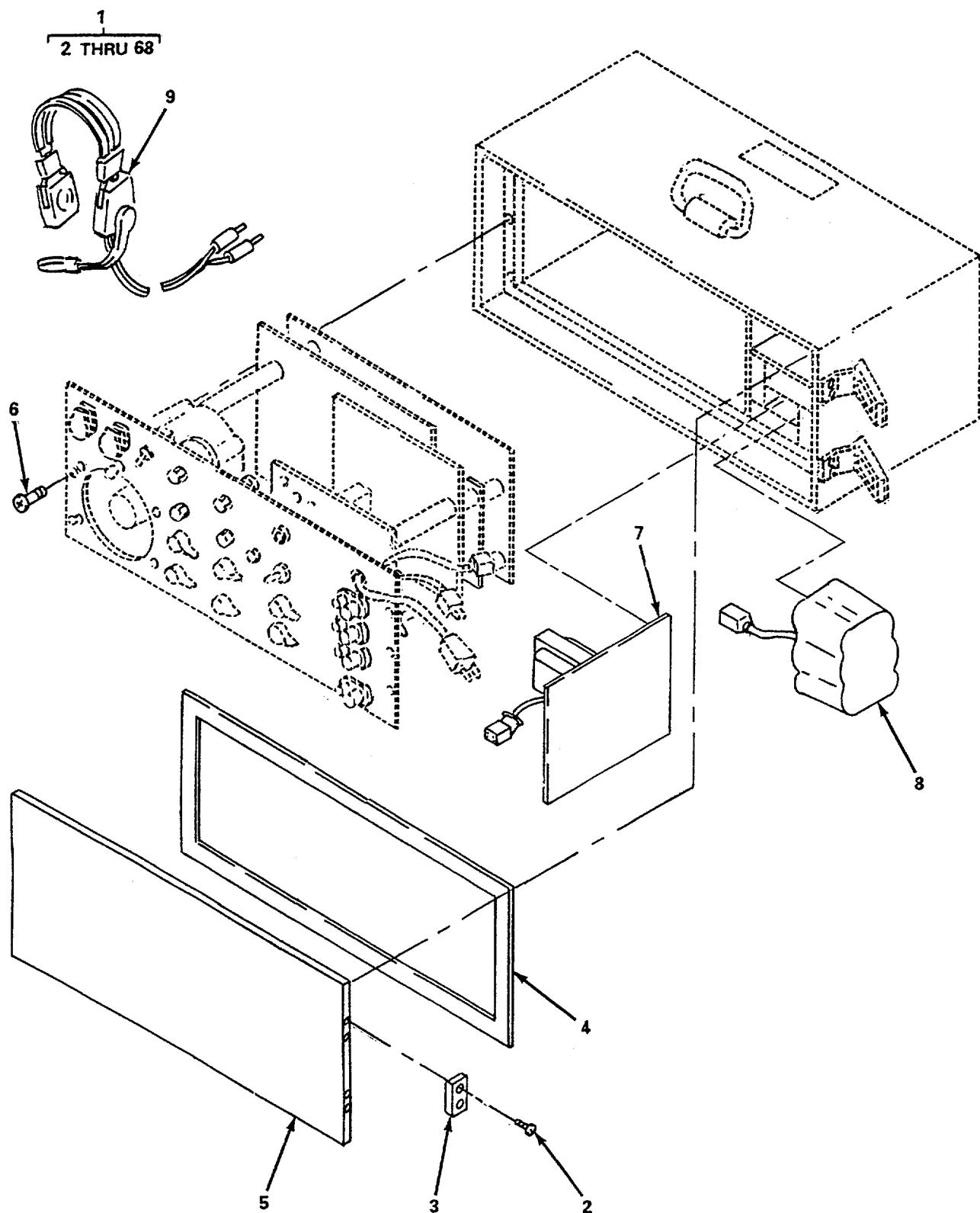


Figure 19. Communications Box (Sheet 1 of 5)

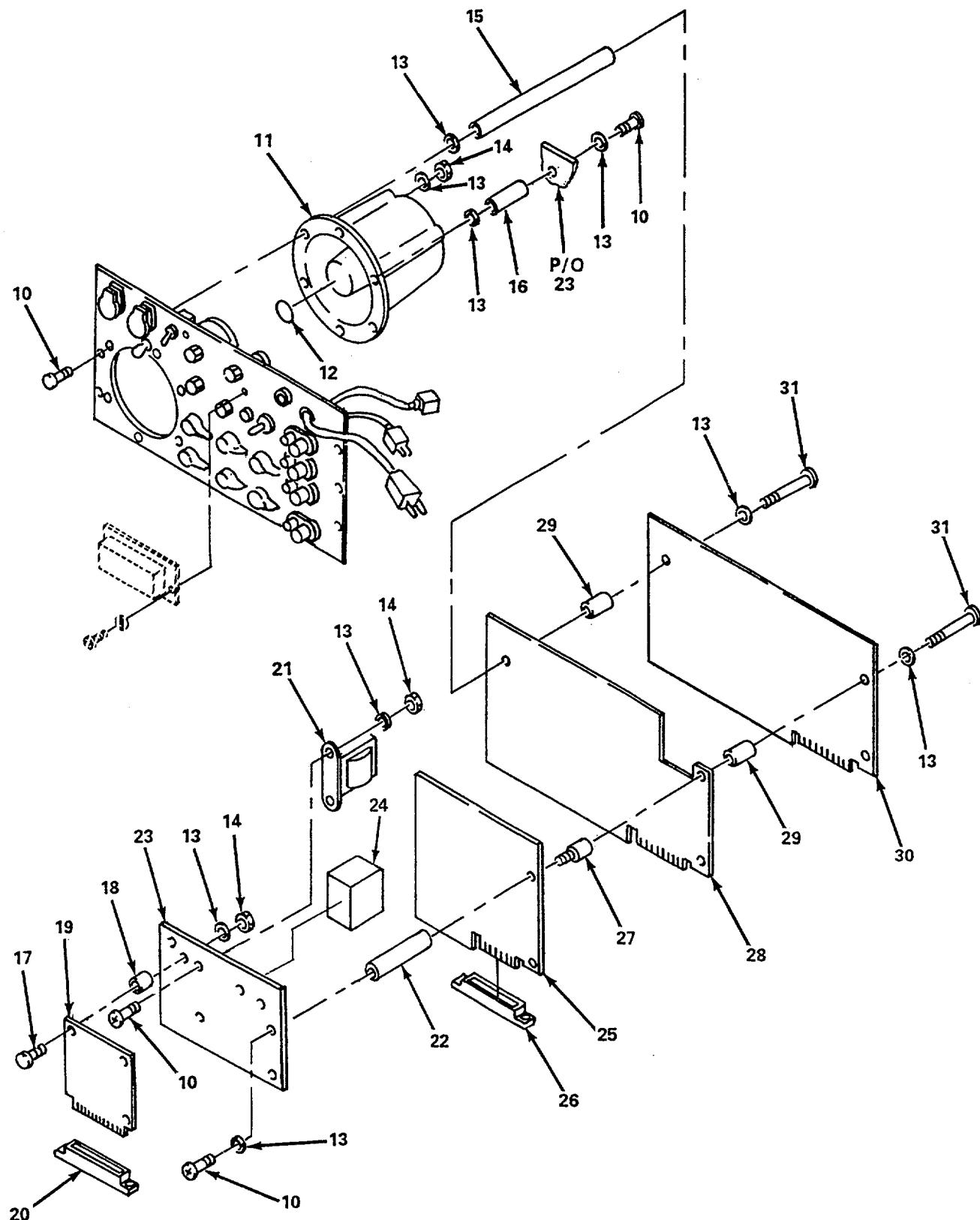


Figure 19. Communications Box (Sheet 2 of 5)

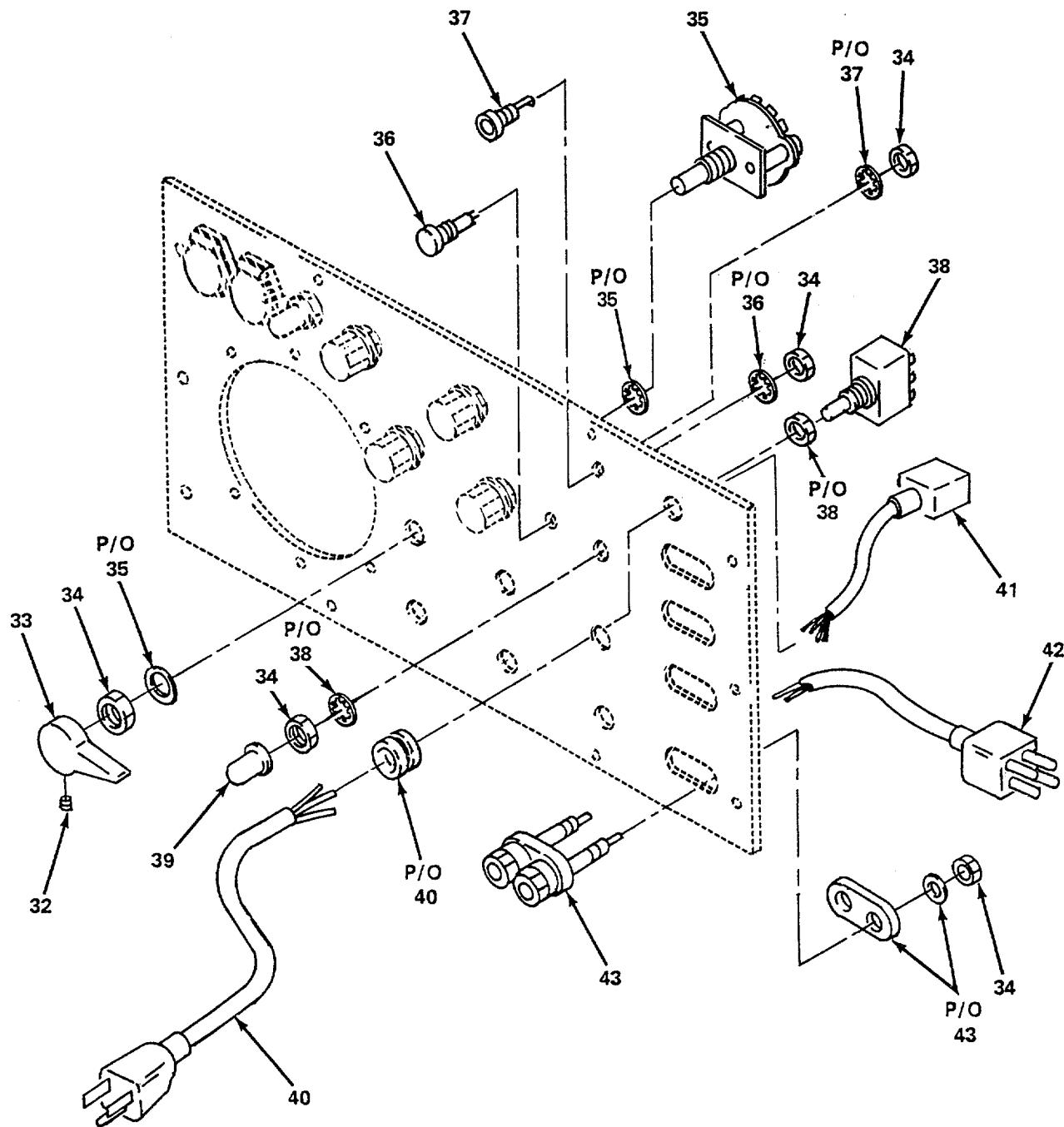


Figure 19. Communications Box (Sheet 3 of 5)

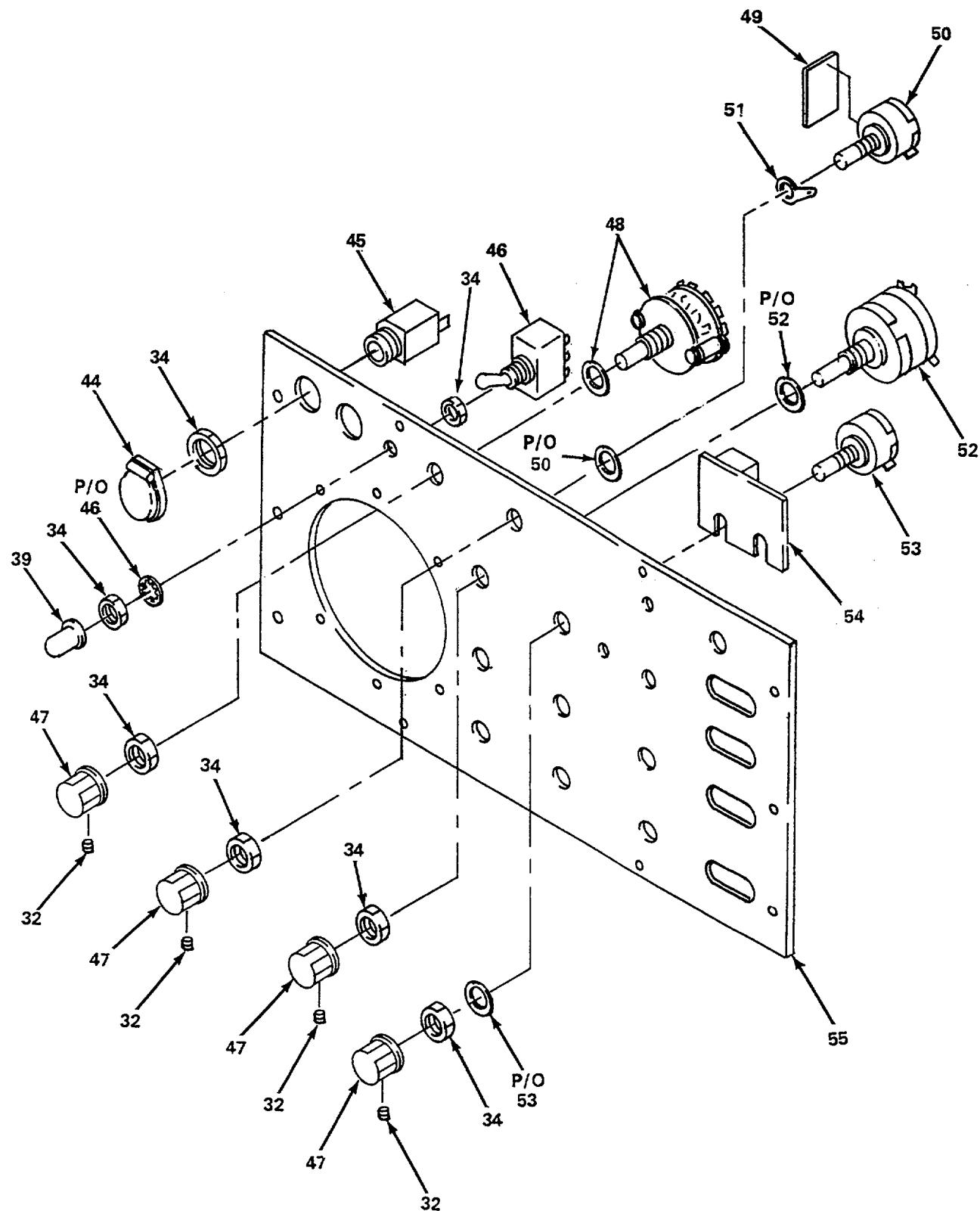


Figure 19. Communications Box (Sheet 4 of 5)

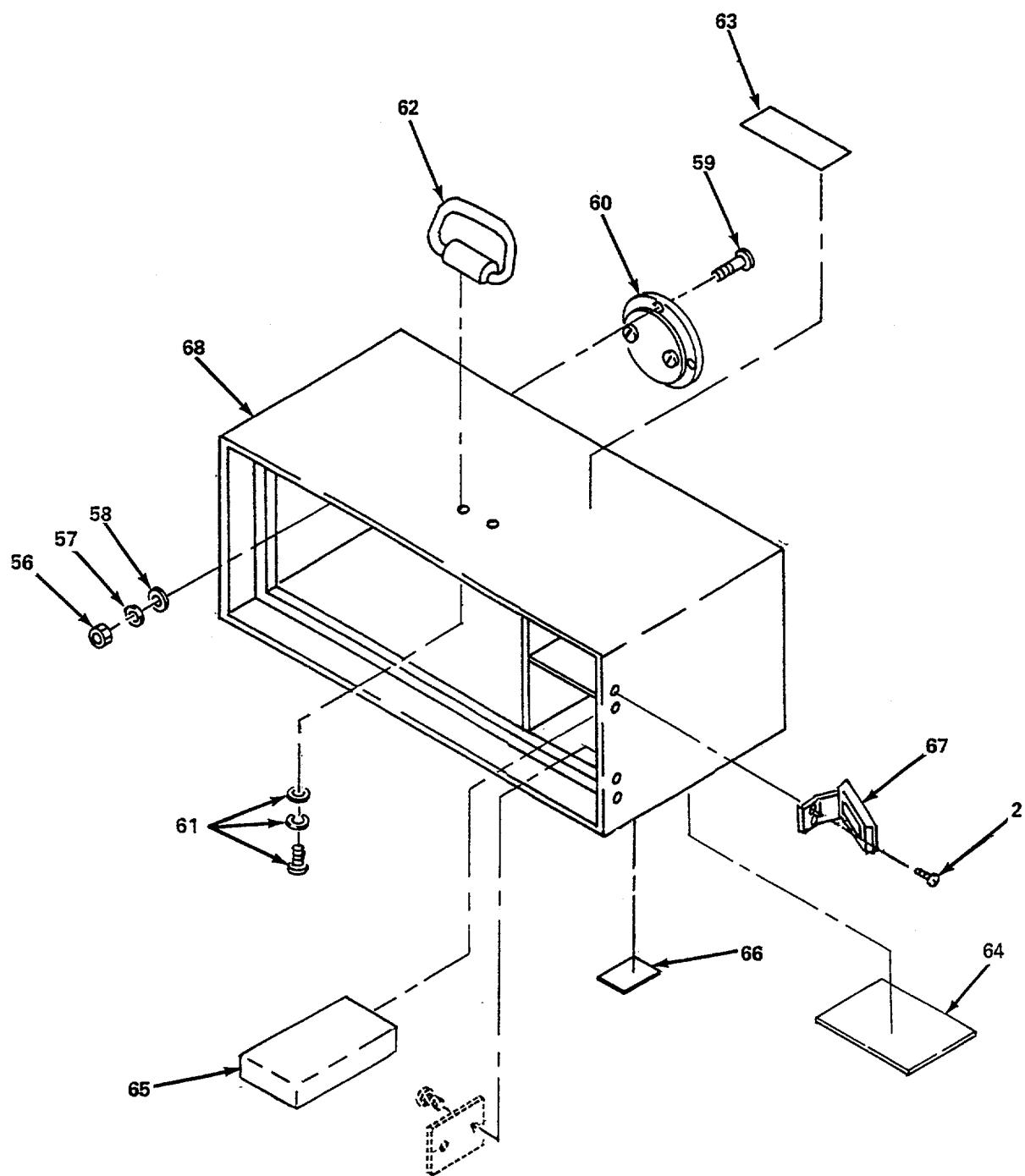


Figure 19. Communications Box (Sheet 5 of 5)

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 04 COMMUNICATIONS BOX FIG. 19 COMMUNICATIONS BOX	
1	PBOFF	34162	11620	UNSCRAMBLER HELIUM	1
2		88044	AN550-4-3	. SCREW, FLATHEAD, NO. 4 X3/8LG,..... STAINLESS STEEL	1
3		34162	L22556-17	. FASTENER	5
4		34162	L22556-21	. FOOT, RUBBER	AR
5		34162	L22556-1	. COVER	1
6		96906	MS51863-23C	. SCREW, SELF-TAPPING, NO. 6 X 50 LG, STAINLESS STEEL	10
7		34162	L11192	. TRANSFORMER, INPUT, HEAT SINK	1
8	PAOZZ	34162	L11310	. BATTERY PACK ASSEMBLY	1
9	PAOZZ	34162	10841	. HEADSET	1
10		96906	MS51957-30	. SCREW, PAN-HEAD, CROSS TIP, 6-32 NC X50 LG, STAINLESS STEEL	15
11	PAOZZ	34162	3700-0001	. SPEAKER	1
12		34162	22436	. PLATE, IDENTIFICATION	1
13		96906	MS15795-802	. WASHER, FLAT NO. 6, STAINLESS STEEL	8
14		96906	MS21083-C06	. LOCKNUT, HEX, 6-32 NC, STAINLESS STEEL.....	7
15		34162	A22557	. SPACER.....	2
16		34162	A22558	. SPACER, SHORT	2
17		34162	3433-0620	. SCREW, PAN-HEAD, WITH INSERT, 6-32 NC X4 .75 LG, CROSS TIP	
18		34162	3600-2203	. SPACER, ROUND, .25 LG, FIBER	3
19	PFFZZ	34162	L66231	. PAINTED CIRCUIT BOARD	1
20		34162	3012-3002	. CONNECTOR, 18-PIN.....	1
21		34162	4000-0011	. TRANSFORMER, AUDIO ASSY	1
22		34162	A22717	. SPACER, HEX, 2.50 LG, ALUMINUM	3
23		34162	B22559	. COMPONENT BOARD.....	1
24		34162	3020-0000	. RELAY	1
25	PFFZZ	34162	L66312	. PRINTED CIRCUIT BOARD, BATTERY CHARGE/ILLUMINATOR	1
26		34162	3012-3000	. CONNECTOR, 10-PIN.....	1
27		34162	3610-4607	. SPACER, MALE-FEMALE, HEX.....	3
28		34162	CG1069	. PRINTED CIRCUIT BOARD, BLANK, FOR UNITS WITHOUT UNSCRAMBLER	1
28	PFFZZ	34162	L66320	. PRINTED CIRCUIT BOARD, LOGIC	1

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				FIG. 19 COMMUNICATIONS BOX (CONT)	
29		34162	11620	. SPACER, BRASS, RD, NO. 6 X 1.0 LG	5
30		34162	CG1070	. PRINTED CIRCUIT BOARD, BLANK, FOR UNITS WITHOUT UNSCRAMBLER	1
30		34162	L66332	. PAINTED CIRCUIT BOARD, ENCODER DECODER	1
31		34162	3433-0628	. SCREW, PAN-HEAD, WITH INSERT	5
32		96906	MS18064-12	. SET SCREW, STAINLESS STEEL	10
33		34162	3018-0103	. KNOB, LEVER-TYPE	6
34		34162	3300-0371	. SHAFT SEAL, NUT	9
35	PAFZZ	34162	0219-9100	. SWITCH, PRESSURE	6
36	PAFZZ	34162	3018-0203	. LAMP, RED	1
37	PAFZZ	34162	3012-4009	. PHONE JACK CONNECTOR	1
38		34162	3700-1017	. SWITCH, TOGGLE, DPDT	1
39		34162	3300-0360	. SEAL, SWITCH	1
40		34162	17237	. LINE CORD WITH 3-PIN CONNECTOR	1
41		34162	3012-7011	. CONNECTOR, 6-PIN	1
42		34162	3012-6032	. CONNECTOR, 4-PIN	1
43		34162	3000-1701	. POST, MODIFIED	4
44		34162	3000-3005	. COVER, CONNECTOR	2
45		34162	3012-4008	. CONNECTOR, PHONE JACK	2
46	PAFZZ	34162	3700-1015	. SWITCH, TOGGLE, DPDT	1
47		34162	3018-0100	. KNOB	4
48	PAFZZ	34162	3700-1006	. SWITCH, 3-POL, 2-POSITION	1
49	PFFZZ	34162	L66300	. PRINTED CIRCUIT BOARD	1
50	PAFZZ	34162	2649-0005	. RESISTOR, VARIABLE, 100,000-OHM	1
51		34162	3018-0607	. LUG, SOLDER	1
52	PAFZZ	34162	2649-0009	. RESISTOR, VARIABLE/SWITCH	1
53	PAFZZ	34162	2649-0001	. RESISTOR, VARIABLE, 100 OHM	1
54	PFFZZ	34162	L66291	. CIRCUIT CARD ASSEMBLY	1
55		34162	C22560-7	. FRONT PANEL	1
56		34162	4821 -1015	. LOCKNUT, HEX	12
57		34162	3300-0370	. SHAFTSEAL	1
58		96906	MS15795-807	. WASHER, FLAT, NO. 8, STAINLESS STEEL	12
59		96906	MS51957-47	. SCREW, CROSS TIP	12
60	PAFZZ	34162	L11302	. CONNECTOR, ELECTRICAL	3

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
61		34162	3433-0621	FIG. 19 COMMUNICATIONS BOX (CONT) . SCREW, PAN-HEAD, CROSS TIP,..... WITH INSERT	9
62		34162	L22556-16	. HANDLE	1
63		34162	22410	. PLATE, IDENTIFICATION	1
64		34162	22420	. PLATE, IDENTIFICATION	1
65		34162	3015-0401	. PAD, POLYETHER, 314X3-314X6-118.....	4
66		34162	L22556-21	. FOOT' RUBBER	4
67		34162	L22556-18	. FASTENER	5
68		34162	L22556	. CABINETASSEMBLY	1

END OF FIGURE

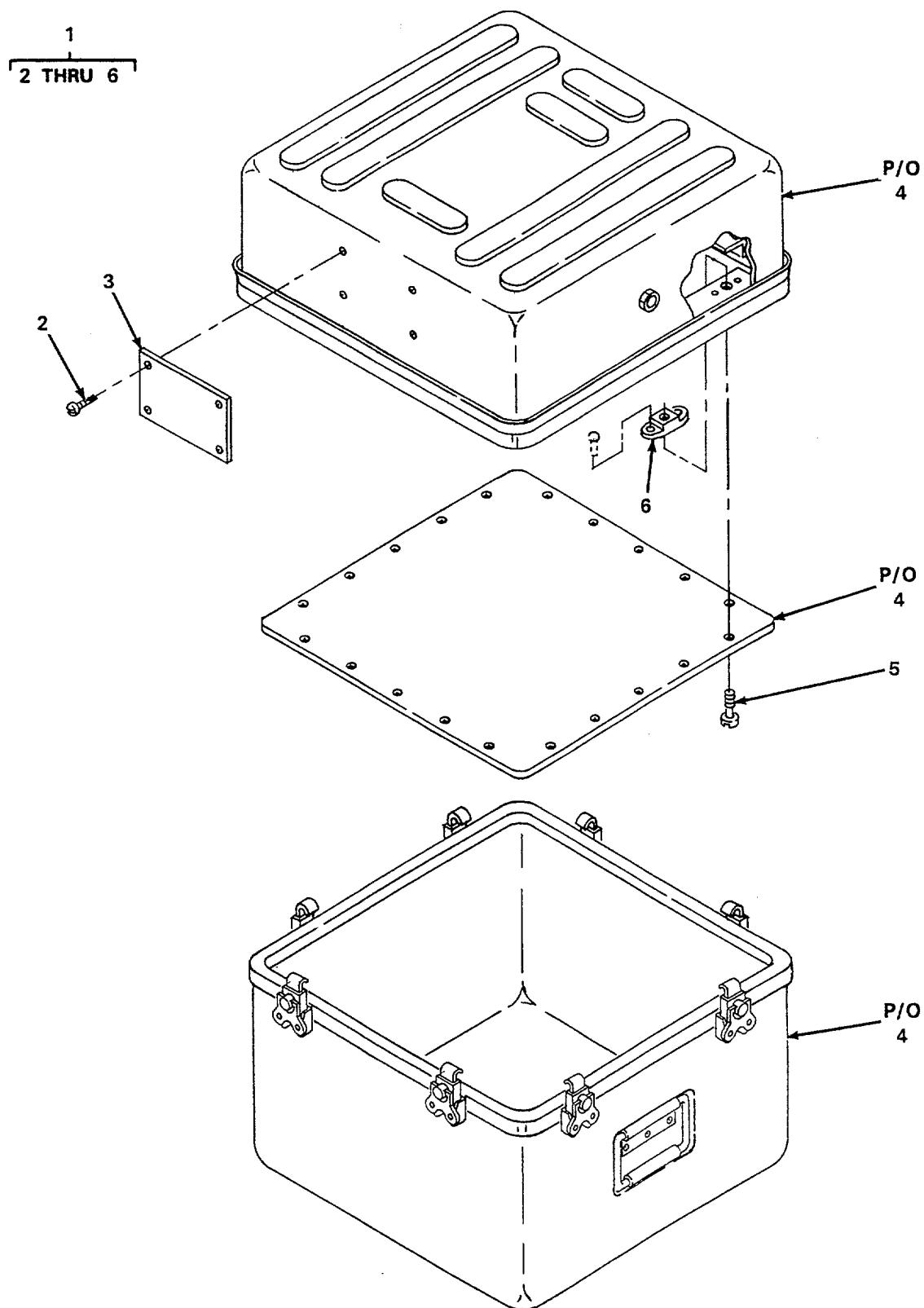


Figure 20. Shipping Container Assembly, Helmet

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY												
1 2 3 4 5 6			80064 592-4758620 88044 AN530C6R4 80064 592-4758644 80064 592-4758692 17419 7900-8-8-4 96906 MS21076	<p>GROUP 05 SHIPPING CONTAINER</p> <p>FIG. 20 SHIPPING CONTAINER ASSEMBLY, HELMET</p> <table> <tr> <td>SHIPPING CONTAINER ASSEMBLY, HELMENT</td> <td>1</td> </tr> <tr> <td>. SCREW, THREAD FORMING</td> <td>4</td> </tr> <tr> <td>. PLACARD, IDENTIFICATION</td> <td>1</td> </tr> <tr> <td>. CONTAINER, STORAGE</td> <td>A1</td> </tr> <tr> <td>. SCREW, CAPTIVE</td> <td>20</td> </tr> <tr> <td>. NUT, SELF-LOCKING</td> <td>20</td> </tr> </table> <p>END OF FIGURE</p>	SHIPPING CONTAINER ASSEMBLY, HELMENT	1	. SCREW, THREAD FORMING	4	. PLACARD, IDENTIFICATION	1	. CONTAINER, STORAGE	A1	. SCREW, CAPTIVE	20	. NUT, SELF-LOCKING	20	
SHIPPING CONTAINER ASSEMBLY, HELMENT	1																
. SCREW, THREAD FORMING	4																
. PLACARD, IDENTIFICATION	1																
. CONTAINER, STORAGE	A1																
. SCREW, CAPTIVE	20																
. NUT, SELF-LOCKING	20																

SECTION II**TM 5-4220-225-24P**

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 06 BULK ITEMS LIST FIG. BULK	
1	PAOZZ	96906	T-R-6503	CORD, MARRYING	AR
2	PAOZZ	14819	H015	FASTENER TAPE HOOK AND PILE 3/4 IN.	AR
3	PAOZZ	80769	827	TAPE, MARRYING 2 IN. WIDE, WHITE PART	AR
4	PAOZZ	96906	MIL-W-4088	OF KIT, P/N 592-4758490 WEBBING, 1 3/4 BLACK	AR
				END OF FIGURE	

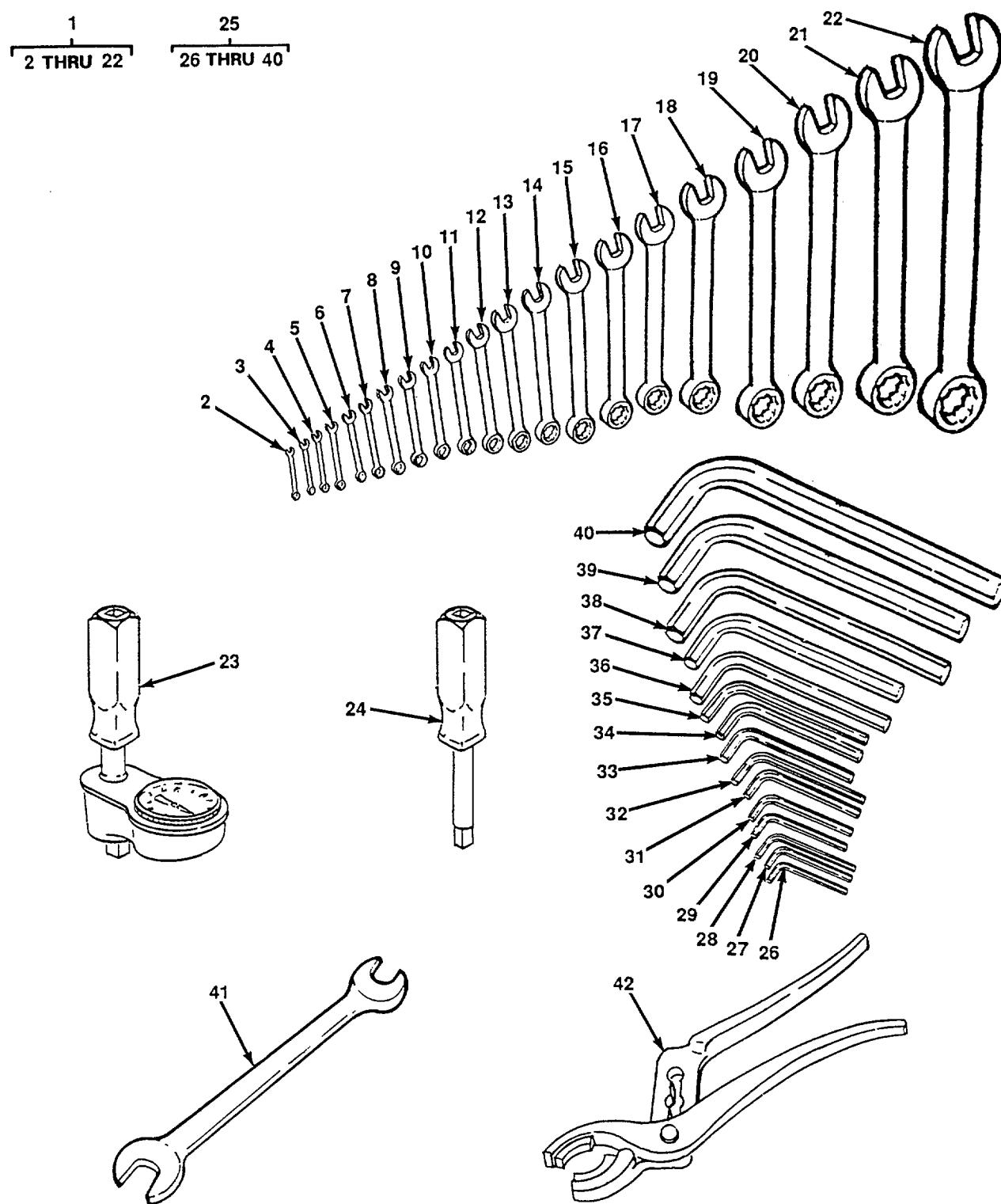


Figure 21. Special Tools (Sheet 1 of 6)

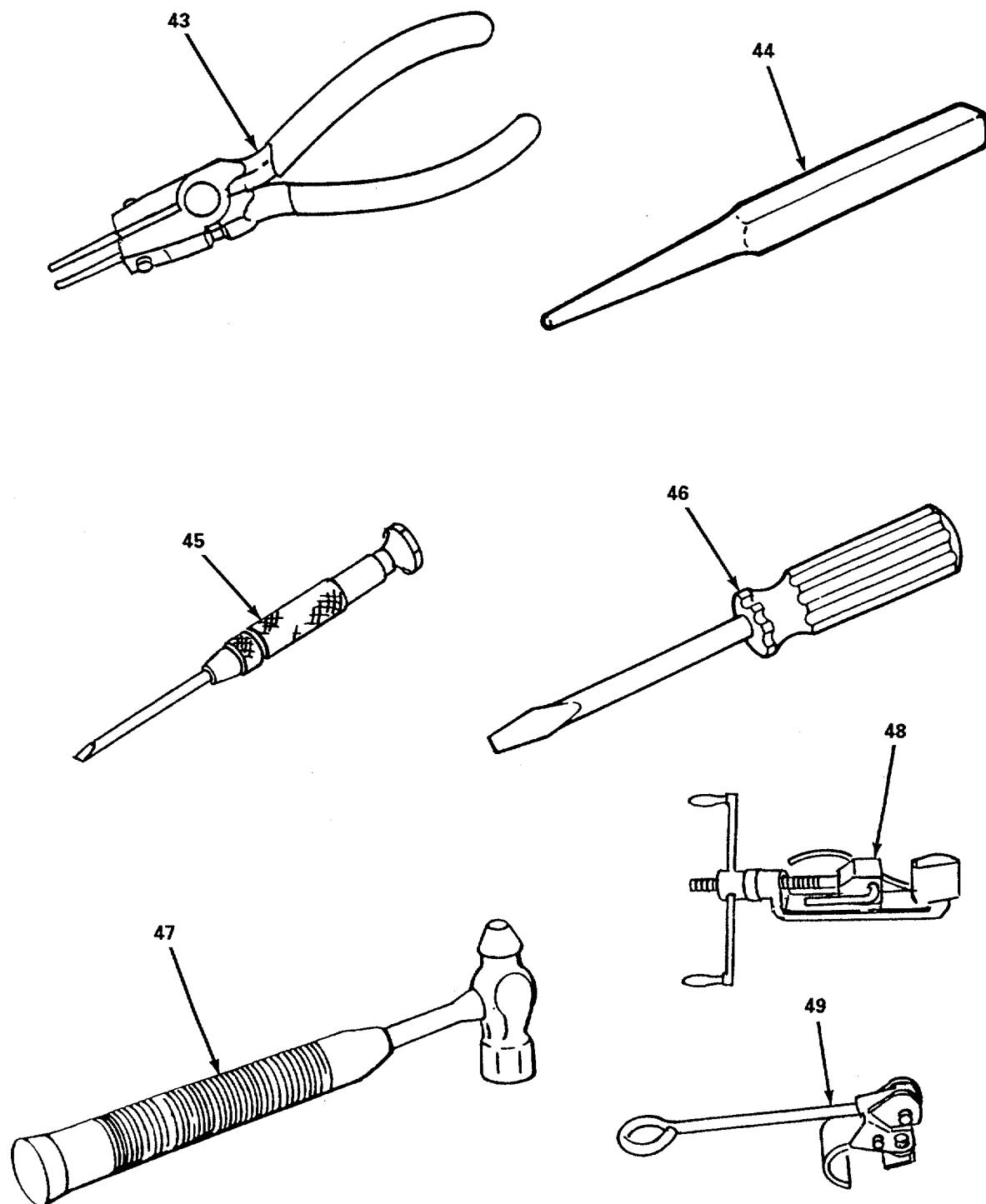


Figure 21. Special Tools (Sheet 2 of 6)

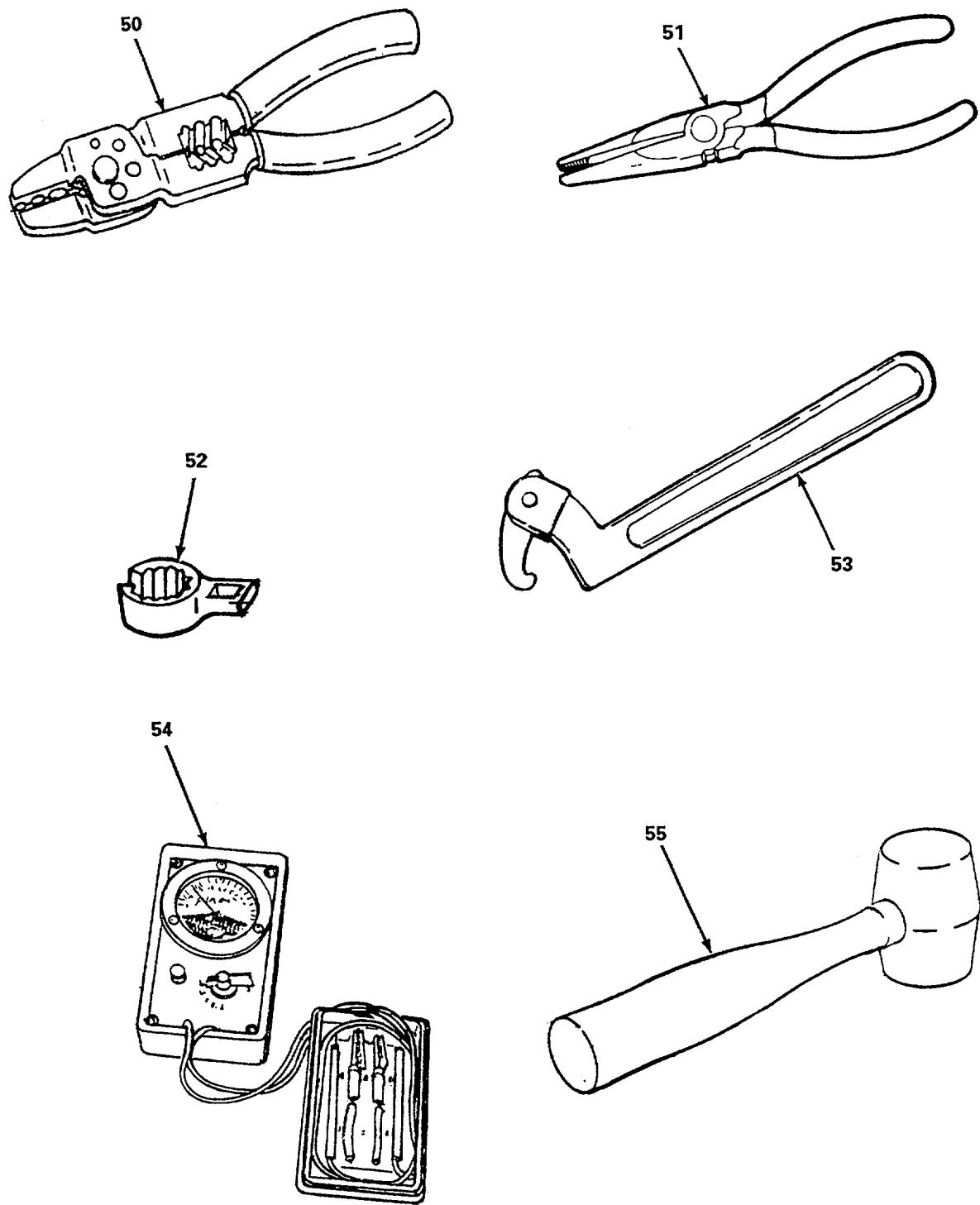


Figure 21. Special Tools (Sheet 3 of 6)

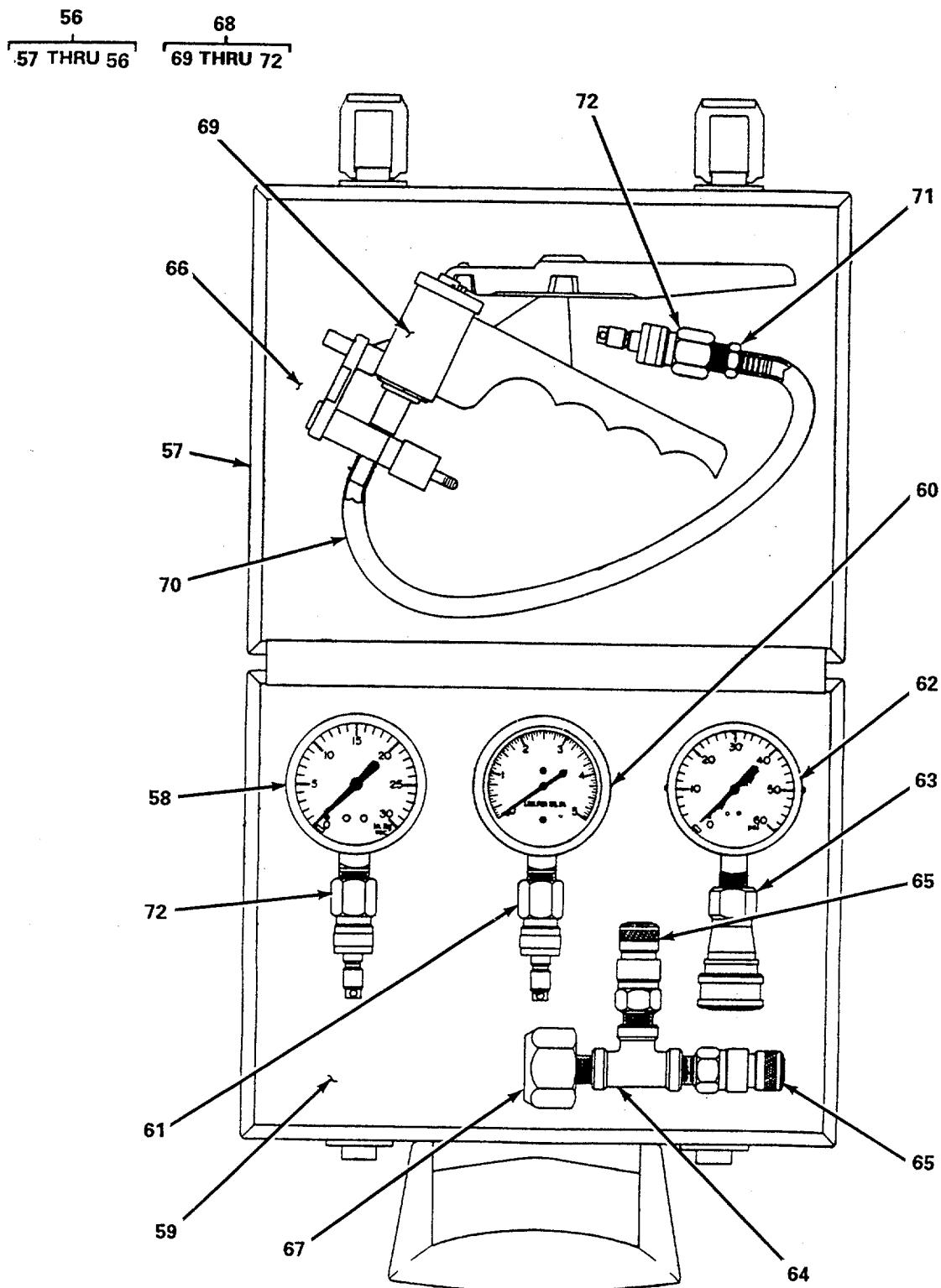


Figure 21. Special Tools (Sheet 4 of 6)

73
74 THRU 80

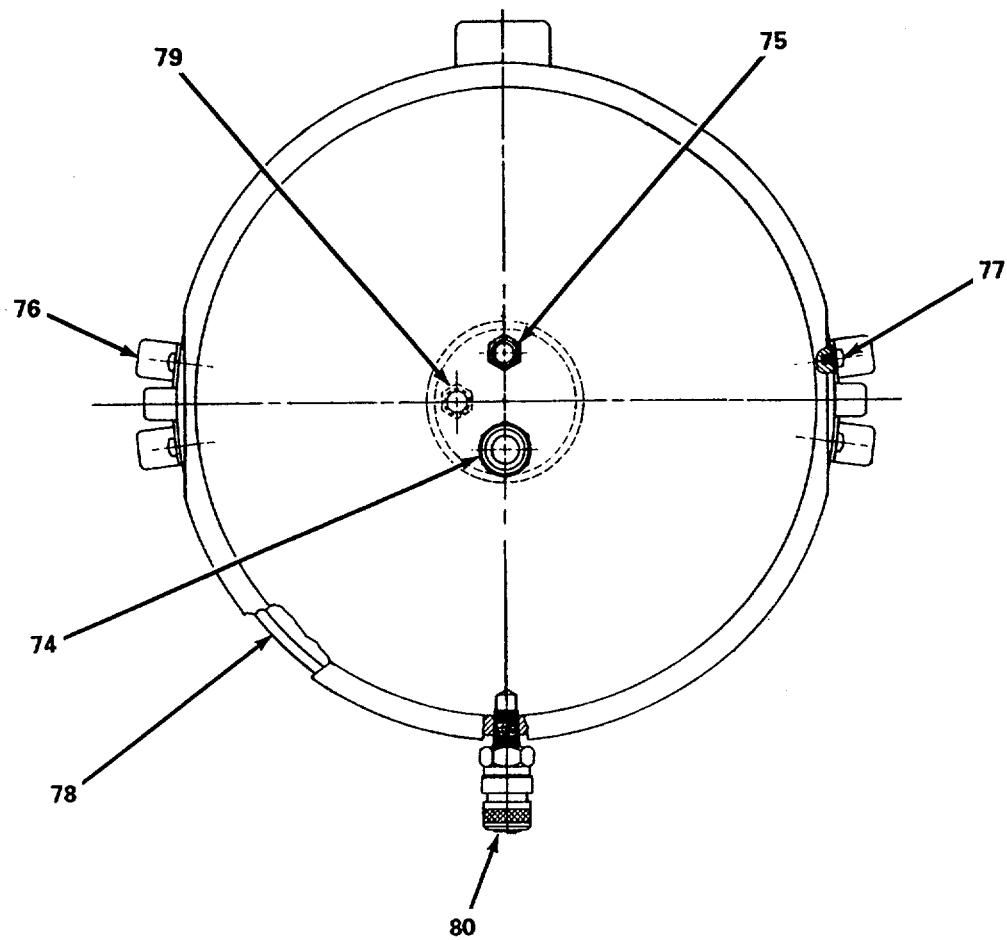


Figure 21. Special Tools (Sheet 5 of 6)

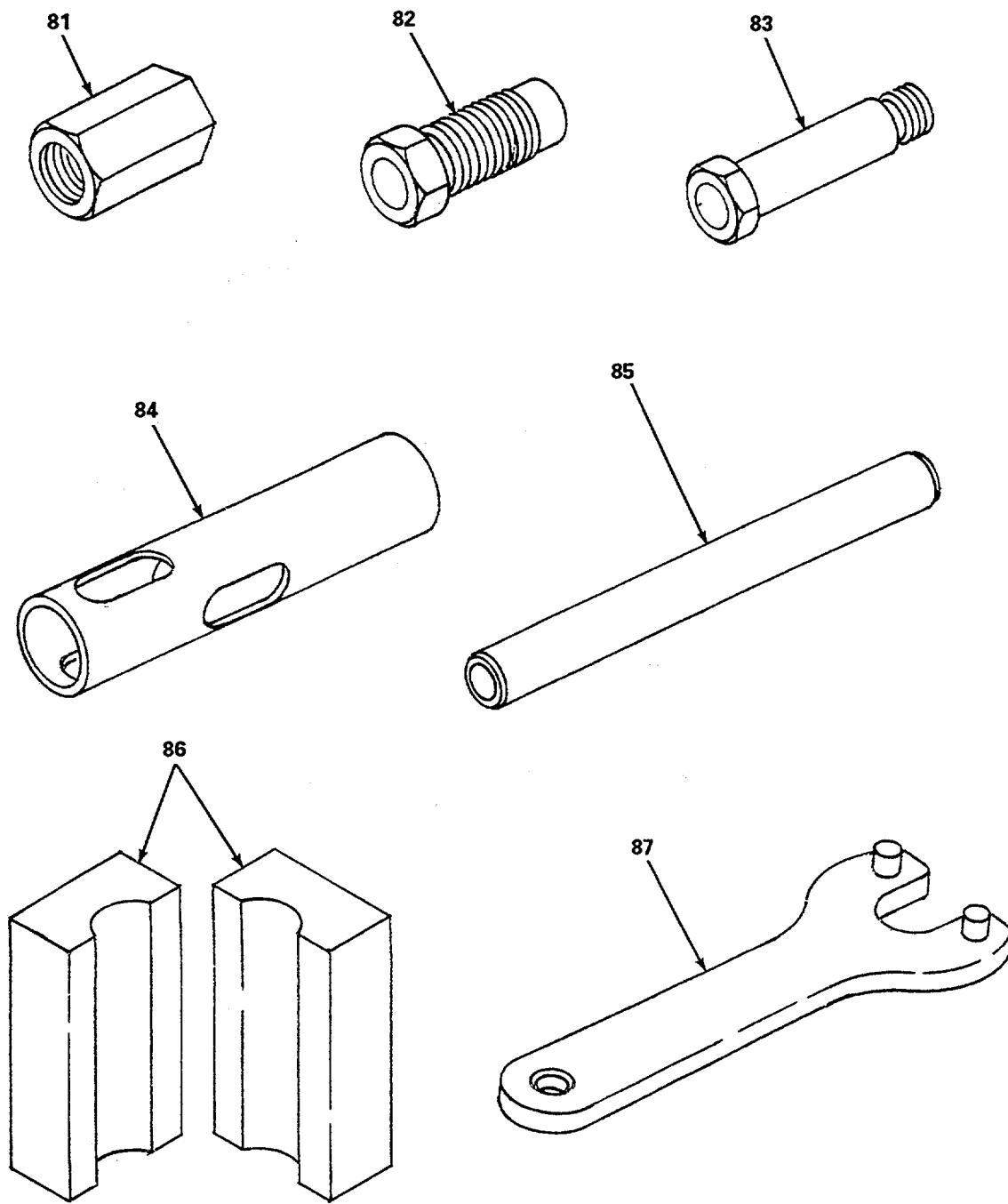


Figure 21. Special Tools (Sheet 6 of 6)

SECTION III

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				<p>GROUP SPECIAL TOOLS</p> <p>FIG. 21 SPECIAL TOOLS</p> <p>1 PEOZZ 55719 DEXS721</p> <p>2 PEOZZ 30106 1157</p> <p>3 PEOZZ 30106 1158</p> <p>4 PEOZZ 55719 OEX-100</p> <p>5 PEOZZ 30106 1159A</p> <p>6 PEOZZ 55719 OEX120</p> <p>7 PEOZZ 55719 OEX-140</p> <p>8 PEOZZ 55719 OEX160</p> <p>9 PEOZZ 55719 OEX180</p> <p>10 PEOZZ 55719 OEX200</p> <p>11 PEOZZ 55719 OEX220</p> <p>12 PEOZZ 55719 OEX240</p> <p>13 PEOZZ 55719 OEX260</p> <p>14 PEOZZ 55719 OEX280</p> <p>15 PEOZZ 55719 OEX300</p> <p>16 PEOZZ 55719 OEX320</p> <p>17 PEOZZ 55719 OEX340</p> <p>18 PEOZZ 55719 OEX360</p> <p>19 PEOZZ 55719 OEX380</p> <p>20 PEOZZ 55719 OEX400</p> <p>21 PEOZZ 55719 OEX420</p> <p>22 PEOZZ 65814 OEX440</p> <p>23 PEOZZ 80064 592-4758654</p> <p>24 PEOZZ 55719 GF720</p> <p>25 PEOZZ 55719 AW1015AK</p> <p>26 PEOZZ 55719 AWO28</p> <p>27 PEOZZ 56878 2</p> <p>28 PEOZZ 55719 AW1-1-2</p> <p>29 PEOZZ 55719 AW2</p> <p>30 PEOZZ 55719 AW2-1/2</p> <p>31 PEOZZ 56232 0181-7</p> <p>32 PEOZZ 55719 AW31/2</p> <p>33 PEOZZ 56232 0181-8</p> <p>34 PEOZZ 55719 AW4 1/2</p> <p>35 PEOZZ 74442 57020</p> <p>36 PEOZZ 54370 1 OB08</p> <p>37 PEOZZ 55719 AW7</p> <p>38 PEOZZ 10001 1090989</p> <p>39 PEOZZ 10001 1112876</p> <p>WRENCH SET, COMBINATION</p> <p>. WRENCH, 1/4-INCH BOX AND OPEN END</p> <p>. WRENCH, 9/32-INCH BOX AND OPEN END</p> <p>. WRENCH, 5/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 11/32-INCH OPEN END</p> <p>. WRENCH, 3/8-INCH BOX AND OPEN END</p> <p>. WRENCH, 7/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 1/2-INCH BOX AND OPEN END</p> <p>. WRENCH, 9/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 5/8-INCH BOX AND OPEN END</p> <p>. WRENCH, 11/16-INCH BOX, AND OPEN END</p> <p>. WRENCH, 3/4-INCH BOX AND OPEN END</p> <p>. WRENCH, 13/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 7/8-INCH BOX AND OPEN END</p> <p>. WRENCH, 15/16-iNCH BOX AND OPEN END</p> <p>. WRENCH, I-INCH BOX AND OPEN END</p> <p>. WRENCH, 1-1/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 1 AND 1-1/8-INCH OPEN END</p> <p>. WRENCH, 1-13/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 1-1/4-INCH BOX AND OPEN END</p> <p>. WRENCH, 1-15/16-INCH BOX AND OPEN END</p> <p>. WRENCH, 1-3/8-INCH BOX AND OPEN END</p> <p>WRENCH, 0-50 IN.-LB3/8-INCH DRIVE TORQUE</p> <p>HANDLE, SOCKET WRENCH</p> <p>KEY SET, SOCKET HEAD SCREW</p> <p>. KEY, SOCKET HEAD SCREW .028</p> <p>. KEY, SOCKET HEAD SCREW .035</p> <p>. KEY, SOCKET HEAD SCREW .050</p> <p>. KEY, SOCKET HEAD SCREW 1/16</p> <p>. KEY, SOCKET HEAD SCREW5/64</p> <p>. KEY, SOCKET HEAD SCREW3/32</p> <p>. KEY, SOCKET HEAD SCREW7/64</p> <p>. KEY, SOCKET HEAD SCREW 1/8</p> <p>. KEY, SOCKET HEAD SCREW9/64</p> <p>. KEY, SOCKET HEAD SCREW5/32</p> <p>. KEY, SOCKET HEAD SCREW 3/16</p> <p>. KEY, SOCKET HEAD SCREW 7/32</p> <p>. KEY, SOCKET HEAD SCREW1/4</p> <p>. KEY, SOCKET HEAD SCREW5/16</p>	1

SECTION III

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				FIG. 21 SPECIAL TOOLS (CONT)	
40	PEOZZ	74445	57030	. KEY, SOCKET HEAD SCREW 3/8	1
41	PEOZZ	07971	1964	WRENCH, 10-7/8-INCH OPEN END	1
42	PEOZZ	30106	529-10	PLIERS, SLIP JOINT	1
43	PEOZZ	19200	8259748	PLIERS, RETAINING RING	1
44	PEOZZ	81348	GGG-P-831	PUNCH, DRIVE PIN, 3/32 INCH	1
45	PEOZZ	81348	GGG-S-1808	SCREWDRIVERS, JEWELER'S, SWIVEL KNOB	1
46	PEOZZ	75347	601-6	SCREWDRIVER, FLAT TIP	1
47	PEOZZ	58536	A-A-1305	HAMMER, HAND	1
48	PEOZZ	70847	C001	SEALER, STEEL STRAPPING, HAND	1
49	PEOZZ	70847	J050	ADAPTER, BANDING	1
50	PEOZZ	D8205	900-107-001 -03	PLIERS	1
51	PEOZZ	72368	654	PLIERS, LONG NOSE	1
52	PEOZZ	55719	FRH180S	CROW FOOT ATTACHMENT	1
53	PEOZZ	93389	314-21N	WRENCH, SPANNER	1
54	PEOZZ	80058	ANURM105C	MULTIMETER	1
55	PEOZZ	55719	BF620B	MALLET, RUBBER	1
56	PEOZZ	80064	592-4759200	TEST SET ASSEMBLY	1
57	PEOZZ	80064	592-4759216	. CONTAINER, TEST SET	1
58	PEOZZ	22527	11-279A	. GAGE, VACUUM, INDICATING	1
59	PEOZZ	80064	592-4759219	. CUSHION, CONTAINER DIVING UNIT	1
60	PEOZZ	80064	592-4759205	. GAGE, PRESSURE, DIAL INDICATING	1
61	PEOZZ	80064	592-4759203-1	. CONNECTOR, QUICK CONNECT, MALE	1
62	PEOZZ	80064	592-4759213	. GAGE, ASSEMBLY	1
63	PEOZZ	80064	592-4759215	. ADAPTER, STRAIGHT, PIPE TO HOSE	1
64	PEOZZ	80064	592-4758986	. TEE, PIPE	1
65	PEOZZ	02570	B-GC6-B-4PM	. CONNECTOR, QUICK DISCONNECT	2
66	PEOZZ	80064	592-4759218	. PACKING, CONTAINER, UPPER	2
67	PEOZZ	14819	LP-80	. ADAPTER	1
68	PEOZZ	41620	592-4759209-0	. VACUUM PUMP ASSEMBLY, PART OF KIT	1
				PIN 592-4758904	
69	PEOZZ	56203	6106	.. VACUUM PUMP, RECIPROCATING	1
70	PEOZZ	80064	592-4759210	.. TUBING, NONMETALLIC	1
71	PEOZZ	80064	592-4758941	.. CONNECTOR, HOSE	1
72	PEOZZ	02570	B-QC6-S-4PF	.. CONNECTOR, QUICK CONNECT, MALE	2

SECTION III

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				FIG. 21 SPECIAL TOOLS (CONT)	
73	PEOZZ	80064	592-4759224	PLATE, BLANKING	1
74	PEOZZ	02570	B-GC4-B-2PM	. COUPLING HALF, QUICK DISCONNECT	2
75	PEOZZ	91816	559B-1 M-2	. VALVE, RELIEF, PRESSURE AND	1
				TEMPERATURE	
76	PEOZZ	80064	592-4759223	. STRAP, RETAINING	2
77	PEOZZ	80205	NAS1635-08-04	. SCREW, MACHINE	4
78	PEOZZ	96906	MS29513-272	. PACKING, PREFORMED	1
79	PEOZZ	80064	592-4759220-2	. RELIEF VALVE	1
80	PEOZZ	80064	592-4759226	. QUICK CONNECT, FEMALE, MODIFIED	1
81	PEOZZ	80064	592-4759144	PULLING TOOL, FEMALE, DIVING UNIT	1
				PART OF KIT P/N 592-4759153	
82	PEOZZ	80064	592-4759145	TOOL, PULLING, MALE, DIVING UNIT	1
				PART OF KIT P/N 592-4759153	
83	PEOZZ	80064	592-4759146	REMOVAL TOOL, SUPPORT TUBE	1
				PART OF KIT P/N 592-4759153	
84	PEOZZ	80064	592-4759147	INSTALLATION TOOL, SUPPORT TUBE	1
				PART OF KIT P/N 592-4759153	
85	PEOZZ	80064	592-4759148	INSTALLATION TOOL, WEDGE PART OF	1
				KIT P/N 592-4759153	
86	PEOZZ	78570	94330-S3-8	CHUCK, CABLE PART OF KIT P/N 592-4759153	1
87	PEOZZ	80064	592-4759150	SPANNER WRENCH, TELEPHONE PLUG	1
				SPARE PARTS KIT, SUPPORT EQUIPMENT	1
				TAPE, MARRYING (AR) 17-2	
				SHACKLE, SNAP (3) 17-9	
				GASKET, HOSE COUPLING (24) 17-23	
				PUMP ASSEMBLY (2) 21-68	
				CABLE CONNECTORS KIT (1) 21-	
				LUBRICANT, HALOCARBON, TYPE 25-5S	
				ADHESIVE-SEALANT, SILICONE, RTV	
				ADHESIVE	

SECTION II

TM 5-4220-225-24P

(1) ITEM NO.	(2) SMR CODE	(3) CAGEC	(4) PART NO.	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY																		
	PEOZZ	80064	592-4759153	<p>FIG. 21 SPECIAL TOOLS (CONT)</p> <p>CABLE CONNECTORS KIT, PART OF KIT, P/N 592-4758904</p> <table> <tbody> <tr><td>ELLCONNECTOR ASSEMBLY</td><td>(1) 17-5</td></tr> <tr><td>PIN CONNECTOR ASSEMBLY</td><td>(1) 17-10</td></tr> <tr><td>PULLING TOOL, FEMALE</td><td>(1) 21-81</td></tr> <tr><td>PULLING TOOL, MALE</td><td>(1) 21-82</td></tr> <tr><td>REMOVAL TOOL, SUPPORT TUBE</td><td>(1) 21-83</td></tr> <tr><td>INSTALLATION TOOL, SUPPORT TUBE</td><td>(1) 21 -84</td></tr> <tr><td>INSTALLATION TOOL, WEDGE</td><td>(1) 21-85</td></tr> <tr><td>CHUCKS, CABLE</td><td>(1) 21-86</td></tr> <tr><td>SPANNER WRENCH, TELEPHONE PLUG</td><td>(1) 21-87</td></tr> </tbody> </table> <p>END OF FIGURE</p>	ELLCONNECTOR ASSEMBLY	(1) 17-5	PIN CONNECTOR ASSEMBLY	(1) 17-10	PULLING TOOL, FEMALE	(1) 21-81	PULLING TOOL, MALE	(1) 21-82	REMOVAL TOOL, SUPPORT TUBE	(1) 21-83	INSTALLATION TOOL, SUPPORT TUBE	(1) 21 -84	INSTALLATION TOOL, WEDGE	(1) 21-85	CHUCKS, CABLE	(1) 21-86	SPANNER WRENCH, TELEPHONE PLUG	(1) 21-87	1
ELLCONNECTOR ASSEMBLY	(1) 17-5																						
PIN CONNECTOR ASSEMBLY	(1) 17-10																						
PULLING TOOL, FEMALE	(1) 21-81																						
PULLING TOOL, MALE	(1) 21-82																						
REMOVAL TOOL, SUPPORT TUBE	(1) 21-83																						
INSTALLATION TOOL, SUPPORT TUBE	(1) 21 -84																						
INSTALLATION TOOL, WEDGE	(1) 21-85																						
CHUCKS, CABLE	(1) 21-86																						
SPANNER WRENCH, TELEPHONE PLUG	(1) 21-87																						

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4920-00-007-9778	21	49	5120-01 -077-1140	21	5
5120-00-061 -8541	21	47	5120-01 -092-3276	21	52
5120-00-142-5357	21	2	6685-01-108-1719	21	60
5120-00-180-0705	21	45	5120-01 -116-6996	21	55
5120-00-198-5390	21	40	5830-01 -117-5432	19	1
5120-00-198-5392	21	35	5998-01 -117-5568	19	19
5120-00-198-5398	21	29	5998-01 -117-5569	19	25
5120-00-198-5400	21	27	5998-01 -117-5570	19	49
5120-00-198-5401	21	28	5999-01 -117-5571	19	28
5120-00-223-1010	21	44	5998-01 -117-5584	19	54
5120-00-224-2504	21	30	5895-01 -120-8827	19	8
5120-00-224-4659	21	38	5935-01 -121-1005	19	60
5120-00-228-9503	21	4	4220-01 -126-4905	21	83
5120-00-228-9504	21	6	4220-01 -126-7401	21	85
5120-00-228-9505	21	7	3460-01 -126-7402	21	86
5120-00-228-9506	21	8	4220-01 -126-9208	21	84
5120-00-228-9507	21	9	4720-01 -128-0334	21	70
5120-00-228-9508	21	10	4220-01 -128-2304	9	1
4720-00-230-6531	17	14	4220-01-128-2308	21	81
4720-00-230-6531	18	14	5330-01-128-2309	21	66
5120-00-240-5274	21	39	4220-01 -128-9191	5	1
5120-00-240-5292	21	33	4220-01 -130-5526	21	82
5120-00-240-5300	21	36	4220-01 -130-9937	21	59
5120-00-240-5364	21	24	4220-01 -131 -5726	4	1
4020-00-241 -8893	BULK	1	4820-01 -131 -6104	10	1
5120-00-242-4710	21	31	5330-01 -131 -7791	9	2
5120-00-242-7411	21	37	4820-01 -131-9737	13	8
5330-00-248-3850	11	3	4220-01 -135-5612	21	68
5330-00-250-0237	17	12	4220-01 -136-3386	1	1
5330-00-250-0237	18	12	4220-01 -136-4750	7	1
5330-00-252-6049	13	10	4220-01 -136-7226	11	1
6685-00-264-3963	21	58	4220-01 -136-7517	18	4
5120-00-288-6468	21	53	4730-01 -138-8274	21	64
5120-00-288-8713	21	41	4730-01 -138-8299	21	74
5120-00-288-9716	21	43	4730-01 -138-8300	21	67
5120-00-293-0032	21	51	4310-01 -138-8526	21	69
3540-00-445-3325	21	48	4820-01 -138-8527	21	75
5120-00-487-2936	21	50	4730-01 -139-2717	21	63
5120-00-596-8653	21	46	4220-01 -140-2158	4	1
5120-00-624-8065	21	42	5930-01 -142-3322	19	35
5330-00-641 -8942	21	78	4730-01 -145-9300	21	61
5965-00-843-9957	15	5	4730-01 -146-3664	21	72
5120-00-889-2162	21	32	4710-01 -146-4626	9	3
5120-00-889-2163	21	34			
6625-00-999-6282	21	54			
4220-01 -039-1876	BULK	3			
4730-01 -039-2598	17	21			
5305-01-046-0544	21	77			

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4220-01-147-2257	17	1	6150-01-193-3170	17	4
4220-01-152-9275	6	1	5120-01-194-9428	21	25
4220-01-153-8452	1	1	5220-01-202-1324	21	62
4220-01-154-9743	12	4	4220-01-202-1325	21	73
4220-01-163-8706	1	1	4220-01-203-4868	2	1
4220-01-163-8707	4	1	6625-01-203-4978	21	56
4220-01-165-0295	3	1	4220-01-209-0972	2	1
6210-01-170-8785	19	36	4030-01-218-3956	17	9
4220-01-170-9862	2	1	4220-01-220-1332	2	1
5905-01-171-3519	19	53	4220-01-231-6826	1	1
5905-01-171-8450	19	52	4220-01-243-1561	16	
4220-01-172-5820	11	2	4220-01-243-1958	5	
5120-01-173-7057	21	3	4220-01-244-0176	3	1
5120-01-173-7059	21	13	5120-01-289-7116	21	26
5120-01-173-7060	21	14	5120-01-335-1253	21	12
5120-01-173-7062	21	16	5120-01-335-1273	21	18
5120-01-173-7081	21	15	5120-01-335-1274	21	19
4220-01-173-8422	11	4	5120-01-335-1275	21	20
5120-01-174-5228	21	11	5120-01-335-1276	21	21
4220-01-177-3119	21	57	5120-01-335-1277	21	22
5340-01-185-0926	21	76	5120-01-335-1317	21	17

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
58536	A-A-1305	5120-00-061-8541	21	47
34162	A22557		19	15
34162	A22558		19	16
34162	A22717		19	22
88044	AN530C6R4		20	2
88044	AN550-4-3		19	2
50058	ANURM105C	6625-00-999-6282	21	54
96906	AS568-132		12	21
55719	AW028	5120-01-289-7116	21	26
55719	AW1 -1 -2	5120-00-198-5401	21	28
55719	AW1015AK	5120-01-194-9428	21	25
55719	AW2	5120-00-198-5398	21	29
55719	AW2-1 /2	5120-00-224-2504	21	30
55179	AW3 1/2	5120-00-889-2162	21	32
55719	AW4 1/2	5120-00-889-2163	21	34
55719	AW7	5120-00-242-7411	21	37
02570	B-QC4-8-2PM	4730-01-138-8299	21	74
02570	B-QC6-B-4PM	4730-01-138-8274	21	65
02570	B-QC6-S-4PF	4730-01-146-3664	21	72
34162	B22559		19	23
55719	BF620B	5120-01-116-6996	21	55
70847	C001	3540-00-445-3325	21	48
34162	C22560-7		19	55
91816	C2949B-6Q-.15		9	12
34162	CG1069		19	28
34162	CG1070		19	30
14819	E064A115		17	17
14819	E064A115		18	17
55719	FRH-180S	5120-01-092-3276	21	52
55179	GF720	5120-00-240-5364	21	24
81348	GGG-P-831	5120-00-223-1010	21	44
81348	GGG-S-180	5120-00-180-0705	21	45
9V562	H125HBVL-4-4		17	22
9V562	H125HBVL-4-4		18	22
70847	J050	4920-00-007-9778	21	49
34162	L11192		19	7
34162	L11302	5935-01-121-1005	19	60
34162	L11310	5895-01-120-8827	19	8
34162	L22556		19	68
34162	L22556-1		19	5
34162	L22556-16		19	62
34162	L22556-17		19	3
34162	L22556-18		19	67
34162	L22556-21		19	4
34162	L22556-21		19	66
34162	L66231	5998-01-117-5568	19	19
34162	L66291	5998-01-117-5584	19	54

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
34162	L66300	5998-01-117-5570	19	49
34162	L66312	5998-01-117-5569	19	25
34162	L66320	5999-01-117-5571	19	28
34162	L66332		19	30
14819	LP-80	4730-01-138-8300	21	67
81349	M-101/AIC	5965-00-843-9957	15	5
81349	M18239-2		15	9
81349	MIL-B-87031 SZ 102		3	1
81349	MIL-B-87031 SZ 144		3	1
81349	MIL-B-87031 SZ123	4220-01-244-0176	3	1
81349	MIL-B-87031 SZ81	4220-01-165-0295	3	1
81349	MIL-C-87032 SZ2	4220-01-136-3386	1	1
81349	MIL-C-87032 SZ3	4220-01-231-6826	1	1
81349	MIL-C-87032 SZ4	4220-01-153-8452	1	1
81349	MIL-D-87030	4220-01-170-9862	2	1
81349	MIL-F-21840		BULK	2
81349	MIL-H-2815	4720-00-230-6531	17	14
81349	MIL-H-2815	4720-00-230-6531	18	14
81349	MIL-M-87029 SZ1	4220-01-140-2158	4	1
81349	MIL-M-87029 SZ2	4220-01-163-8707	4	1
81349	MIL-M-87029 SZ3	4220-01-131-5726	4	1
81349	MIL-R-87034	4220-01-243-1958	5	
81349	MIL-W-4088		BULK	4
96906	MS15795-802		19	13
96906	MS15795-807		19	58
96906	MS16555-601		12	10
96906	MS16625-4068		9	9
96906	MS16995-18		14	4
96906	MS16995-25		6	2
96906	MS16995-25		7	7
96906	MS16995-25		8	1
96906	MS16995-25		9	7
96906	MS16995-25-2		15	1
96906	MS16995-30		17	8
96906	MS16995-30		18	8
96906	MS16995-35		12	3
96906	MS16995-35		13	3
96906	MS16995-41		12	1
96906	MS16995-41		13	1
96906	MS16995-52		17	7
96906	MS16995-52		18	7
96906	MS18064-12		19	32
96906	MS21076		20	6
96906	MS21083-C06		19	14
32263	MS220007-1		5	5
96906	MS22043-1		5	11
96906	MS24631 -15		7	2
96906	MS24671 -14		7	4

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS24671 -21		6	10
96906	MS24671 -8		6	12
96906	MS29512-06		9	6
96906	MS29513-012		9	5
96906	MS29513-014		9	11
80064	MS29513-020		15	4
96906	MS29513-030		6	7
96906	MS29513-113		10	10
96906	MS29513-116	5330-00-248-3850	11	3
96906	MS29513-119		9	13
96906	MS29513-119		15	2
96906	MS29513-122	5330-00-250-0237	17	12
96906	MS29513-122	5330-00-250-0237	18	12
96906	MS29513-129		6	9
96906	MS29513-137		12	25
96906	MS29513-137	5330-00-252-6049	13	10
96906	MS29513-271		6	5
96906	MS29513-272		6	3
96906	MS29513-272	5330-00-641 -8942	21	78
96906	MS35338-138		12	2
96906	MS35338-138		13	2
96906	MS35649-204		6	11
96906	MS35675-10		12	7
96906	MS35675-10		12	18
96906	MS51023-110		10	2
96906	MS51023-150		12	6
96906	MS51029-132		12	13
96906	MS51605-15		14	2
96906	MS51863-23C		19	6
96906	MS51957-30		19	10
96906	MS51957-47		19	59
80205	NAS1635-08-04	5305-01-046-0544	21	77
80064	NPN-A		17	23
80064	NPN-A		18	23
55179	OEX 100	5120-00-228-9503	21	4
55179	OEX 120	5120-00-228-9504	21	6
55179	OEX 140	5120-00-228-9505	21	7
55179	OEX 160		21	8
55179	OEX 180	5120-00-228-9507	21	9
55179	OEX 200	5120-00-228-9508	21	10
55179	OEX 220	5120-01-174-5228	21	11
55179	OEX 240	5120-01-335-1253	21	12
55179	OEX 260	5120-01-173-7059	21	13
55179	OEX 280	5120-01-173-7060	21	14
55179	OEX 300	5120-01-173-7081	21	15
55179	OEX 320	5120-01-173-7062	21	16
55179	OEX 340	5120-01-335-1317	21	17

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
55179	OEX 360	5120-01-335-1273	21	18
55179	OEX 380	5120-01-335-1274	21	19
55179	OEX 400	5120-01-335-1275	21	20
55179	OEX 420	5120-01-335-1276	21	21
55179	OEX 440	5120-01-335-1277	21	22
55719	OEX5721		21	1
07609	SK60575	4220-01-163-8706	1	1
07609	SK65238 SZ1	4220-01-203-4868	2	1
07609	SK65238 SZ3	4220-01-220-1332	2	1
07609	SK65238 SZ4	4220-01-209-0972	2	1
96906	T-R-650	4020-00-241-8893	BULK	1
97213	TYPE 9R1		11	6
56232	0181 -7	5120-00-242-4710	21	31
56232	0181 -8	5120-00-240-5292	21	33
34162	0219-9100	5930-01-142-3322	19	35
34162	10841		19	9
10001	1090989	5120-00-224-4659	21	38
54370	10B08	5120-00-240-5300	21	36
22527	11-279A	6685-00-264-3963	21	58
10001	112876	5120-00-240-5274	21	39
30106	1157	5120-00-142-5357	21	2
30106	1158	5120-01-173-7057	21	3
30106	1159A	5120-01-077-1140	21	5
34162	11620	5830-01-11 7-5432	19	1
32263	16-1 -541		5	7
32263	16-1 -542		5	8
53711	16-1 -543		5	9
32263	16-1 -563		5	2
34162	17237		19	40
07971	1964	5120-00-288-8713	21	41
10001	1997458		16	8
56878	2	5120-00-198-5400	21	27
34162	22410		19	63
34162	22420		19	64
34162	22436		19	12
34162	2649-0001	5905-01-171 -3519	19	53
34162	2649-0005		19	50
34162	2649-0009	5905-01-171 -8450	19	52
34162	3000-1701		19	43
34162	3000-3005		19	44
34162	3012-3000		19	26
34162	3012-3002		19	20
34162	3012-4008		19	45
34162	3012-4009		19	37
34162	3012-6032		19	42
34162	3012-7011		19	41
34162	3015-0401		19	65

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
34162	3018-0100		19	47
34162	3018-0103		19	33
34162	3018-0203	6210-01-170-8785	19	36
34162	3018-0607		19	51
34162	3020-000		19	24
93389	314-21N	5120-00-288-6468	21	53
34162	3300-0360		19	39
34162	3300-0370		19	57
34162	3300-0371		19	34
34162	33600-0215		19	29
34162	3433-0620		19	17
34162	3433-0621		19	61
34162	3433-0628		19	31
34162	3600-2203		19	18
34162	3610-4607		19	27
34162	3700-0001		19	11
34162	3700-1006		19	48
34162	3700-1015		19	46
34162	3700-1017		19	38
34162	4000-0011		19	21
80064	4666846		17	20
80064	4666846		18	20
80064	4666850		17	15
80064	4666850		18	15
41620	4666859	4220-01 -039-1876	BULK	3
80064	4666874		17	19
80064	4666874		18	19
80064	4666875	4730-01 -039-2598	17	21
80064	4666875		18	21
80064	4666882		17	16
80064	4666882		18	16
34162	4821-1015		19	56
30106	529-10	5120-00-624-8065	21	42
80064	529-4758575		16	13
91816	5598-1 M-15		10	11
91816	559B-1 M-2	4820-01 -138-8527	21	75
74445	57020	5120-00-198-5392	21	35
74445	57030	5120-00-198-5390	21	40
80064	592-4758490 FIND 9	4220-01-128-9191	5	1
80064	592-4758499	4030-01 -21 8-3956	17	9
80064	592-4758499		18	9
80064	592-4758500 FIND46		14	5
80064	592-4758502		16	7
80064	592-4758503		8	10
80064	592-4758504		8	9
80064	592-4758506		8	6
80064	592-4758507		8	5

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80064	592-4758509		8	3
80064	592-4758510		8	2
80064	592-4758512		8	8
80064	5g2-4758517		15	11
80064	592-4758518		16	9
80064	592-4758519		16	12
80064	592-4758520		16	17
80064	592-4758521		15	8
80064	592-4758522		15	7
80064	592-4758523		16	1
80064	592-4758523-2		16	2
80064	592-4758523-3		16	4
80064	592-4758523-4		16	5
80064	592-4758524		16	6
80064	592-4758525		8	11
80064	592-4758526		8	7
80064	592-4758527		8	4
80064	592-4758528		16	16
80064	592-4758531		6	13
80064	592-4758532		6	4
53711	592-4758534		14	3
80064	592-4758539		7	6
80064	592-4758541 -0	4220-01 -136-4750	7	1
80064	592-4758542		7	9
80064	592-4758543		7	5
80064	592-4758545		7	8
80064	592-4758546		7	3
80064	592-4758551		13	4
41620	592-4758551-0	4220-01-154-9743	12	4
80064	592-4758554		12	12
80064	592-4758557		12	11
80064	592-4758559		12	24
80064	592-4758559		13	9
80064	592-4758560		12	23
80064	592-4758560	4820-01-131-9737	13	8
80064	592-4758561		12	22
80064	592-4758562		12	14
80064	592-4758562		13	6
80064	592-4758563		12	15
80064	592-4758564		12	16
80064	592-4758565		12	20
80064	592-4758566		12	19
80064	592-4758567		12	17
80064	592-4758568		16	18
80064	592-4758569		16	10
80064	592-4758570		16	11
80064	592-4758572		13	7

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80064	592-4758573		13	5
80064	592-4758574		16	15
80064	592-4758576		16	14
80064	592-4758577		12	9
80064	592-4758578		12	8
80064	592-4758579		14	1
41620	592-4758582-0	4820-01 -131 -6104	10	1
80064	592-4758583		10	12
80064	592-4758584-11		10	4
80064	592-4758584-3		10	5
80064	592-4758584-5		10	6
80064	592-4758584-6		10	7
80064	592-4758584-9		10	9
80064	592-4758591		10	3
80064	592-4758592		9	8
07609	5924758597	4220-01 -172-5820	11	2
80064	592-4758598	4220-01 -128-2304	9	1
80064	592-4758599	5330-01 -131 -7791	9	2
80064	592-4758600	4710-01 -146-4626	9	3
80064	592-4758602	4220-01 -136-7226	11	1
80064	592-4758604		11	5
80064	592-4758610		11	7
80064	592-4758615-0		16	19
07609	592-4758619	4220-01 -173-8422	11	4
80064	592-4758620		20	1
80064	592-4758622		6	8
80064	592-4758626		6	6
80064	592-4758631		15	3
80064	592-4758644		20	3
80064	5924758654		21	23
80064	592-4758666	4220-01 -243-1561	16	
80064	592-4758667-0		15	6
80064	592-4758692		20	4
80064	592-4758843		9	10
80064	592-4758864		9	4
80064	592-4758899		16	20
80064	592-4758904		21	
80064	592-4758941		21	71
80064	592-4758986		21	64
80064	592-4759030		8	12
80064	592-4759107		18	1
80064	592-4759107-0	4220-01 -147-2257	17	1
80064	592-4759107-4		17	3
80064	592-4759107-4		18	3
80064	592-4759107-5		17	2
80064	592-4759107-5		18	2
80064	592-4759110		17	10

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80064	592-4759110		18	10
80064	592-4759112		17	13
80064	592-4759112		18	13
80064	592-4759120-0		17	6
80064	592-4759120-0		18	6
80064	592-4759138		17	11
80064	592-4759138		18	11
80064	592-4759144	4220-01 -128-2308	21	81
80064	592-4759145	4220-01 -130-5526	21	82
80064	592-4759146	4220-01 -126-4905	21	83
80064	592-4759147	4220-01 -126-9208	21	84
80064	592-4759148	4220-01 -126-7401	21	85
80064	592-4759150		21	87
80064	592-4759153		21	
80064	592-4759160	6150-01 -193-3170	17	4
80064	592-4759160-0	4220-01 -136-7517	18	4
80064	592-4759161		17	5
80064	592-4759161		18	5
80064	592-4759167		17	18
80064	592-4759167		18	18
80064	592-4759200	6625-01 -203-4978	21	56
80064	592-4759203-1	4730-01 -145-9300	21	61
80064	592-4759205	6685-01 -108-1719	21	60
41620	592-4759209-0	4220-01 -135-5612	21	68
80064	592-4759210	4720-01 -128-0334	21	70
80064	592-4759213	5220-01 -202-1324	21	62
80064	592-4759215	4730-01 -139-2717	21	63
80064	592-4759216	4220-01 -177-3119	21	57
80064	592-4759218	5330-01 -128-2309	21	66
80064	592-4759219	4220-01 -130-9937	21	59
80064	592-4759220-2		21	79
80064	592-4759223	5340-01 -185-0926	21	76
80064	592-4759224	4220-01 -202-1325	21	73
80064	592-4759226		21	80
80064	596-4758523-6		16	3
32263	60-D-562		5	6
75347	601 -6	5120-00 -596-8653	21	46
56203	6106	4310-01 -138-8526	21	69
72368	654	5120-00 -293-0032	21	51
17419	7900-8-8-4		20	5
19200	8259748	5120-00 -288-9716	21	43
D8205	900-107-001-03	5120-00 -487-2936	21	50
78570	94330-S3-8	3460-01 -126-7402	21	86
41620	9900-00	4220-01 -152-9275	6	1
80064	9900-06-1		12	5
41620	9900-75		15	10
80064	9903-13-10		10	8

CROSS-REFERENCE INDEXES**PART NUMBER INDEX**

CAGE	PART NUMBER	STOCK NUMBER	FIG.	ITEM
32263	9905		5	3
32263	9905-01 -03		5	10
32263	9905-65		5	4

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
BULK	1	4020-00-241-8893	96906	T-R-650
BULK	2		81349	MIL-F-21840
BULK	3	4220-01 -039-1876	41620	4666859
BULK	4		81349	MIL-W-4088
1	1	4220-01 -163-8706	07609	SK60575
1	1	4220-01-136-3386	81349	MIL-C-87032 SZ2
1	1	4220-01-231-6826	81349	MIL-C-87032 SZ3
1	1	4220-01-153-8452	81349	MIL-C-87032 SZ4
2	1	4220-01-203-4868	07609	SK65238 SZ1
2	1	4220-01-170-9862	81349	MIL-D-87030
2	1	4220-01-220-1332	07609	SK65238 SZ3
2	1	4220-01-209-0972	07609	SK65238 SZ4
3	1	4220-01-165-0295	81349	MIL-B-87031 SZ81
3	1		81349	MIL-B-87031 SZ 10
3	1	4220-01-244-0176	81349	MIL-B-87031 SZ123
3	1		81349	MIL-B-87031 SZ 144
4	1	4220-01-140-2158	81349	MIL-M-87029 SZ1
4	1	4220-01-163-8707	81349	MIL-M-87029 SZ2
4	1	4220-01-131-5726	81349	MIL-M-87029 SZ3
5	1	4220-01-128-9191	80064	592-4758490 FIND '
5	2		32263	16-1 -563
5	3		32263	9905
5	4		32263	9905-65
5	5		32263	MS220007-1
5	6		32263	60-D-562
5	7		32263	16-1 -541
5	8		32263	16-1 -542
5	9		53711	16-1 -543
5	10		32263	9905-01 -03
5	11		96906	MS22043-1
5		4220-01-243-1958	81349	MIL-R-87034
6	1	4220-01 -152-9275	41620	9900-00
6	2		96906	MS16995-25
6	3		96906	MS29513-272
6	4		80064	592-4758532
6	5		96906	MS29513-271
6	6		80064	592-4758626
6	7		96906	MS29513-030
6	8		80064	592-4758622
6	9		96906	MS29513-129
6	10		96906	MS24671 -21
6	11		96906	MS35649-204
6	12		96906	MS24671 -8
6	13		80064	592-4758531

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
7	1	4220-01 -136-4750	80064	592-4758541 -0
7	2		96906	MS24631 -15
7	3		80064	592-4758546
7	4		96906	MS24671 -14
7	5		80064	592-4758543
7	6		80064	592-4758539
7	7		96906	MS16995-25
7	8		80064	592-4758545
7	9		80064	592-4758542
8	1		96906	MS16995-25
8	2		80064	592-4758510
8	3		80064	592-4758509
8	4		80064	592-4758527
8	5		80064	592-4758507
8	6		80064	592-4758506
8	7		80064	592-4758526
8	8		80064	592-4758512
8	9		80064	592-4758504
8	10		80064	592-4758503
8	11		80064	592-4758525
8	12		80064	592-4759030
9	1	4220-01 -128-2304	80064	592-4758598
9	2	5330-01 -131 -7791	80064	592-4758599
9	3	4710-01 -146-4626	80064	592-4758600
9	4		80064	592-4758864
9	5		96906	MS29513-012
9	6		96906	MS2951 2-06
9	7		96906	MS16995-25
9	8		80064	592-4758592
9	9		96906	MS16625-4068
9	10		80064	592-4758843
9	11		96906	MS29513-014
9	12		91816	C2949B-6Q-.15
9	13		96906	MS29513-119
10	1	4820-01 -131 -6104	41620	592-4758582-0
10	2		96906	MS51023-110
10	3		80064	592-4758591
10	4		80064	592-4758584-11
10	5		80064	592-4758584-3
10	6		80064	592-4758584-5
10	7		80064	592-4758584-6
10	8		80064	9903-13-10
10	9		80064	592-4758584-9
10	10		96906	MS29513-113
10	11		91816	5598-1 M-15
10	12		80064	592-4758583

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
11	1	4220-01-136-7226	80064	592-4758602
11	2	4220-01-172-5820	07609	592-4758597
11	3	5330-00-248-3850	96906	MS29513-116
11	4	4220-01-173-8422	07609	592-4758619
11	5		80064	592-4758604
11	6		97213	TYPE 9R1
11	7		80064	592-4758610
12	1		96906	MS16995-41
12	2		96906	MS35338-138
12	3		96906	MS16995-35
12	4	4220-01-154-9743	41620	592-4758551 -0
12	5		80064	9900-06-1
12	6		96906	MS51023-150
12	7		96906	MS35675-10
12	8		80064	592-4758578
12	9		80064	592-4758577
12	10		96906	MS16555-601
12	11		80064	592-4758557
12	12		80064	592-4758554
12	13		96906	MS51029-132
12	14		80064	592-4758562
12	15		80064	592-4758563
12	16		80064	592-4758564
12	17		80064	592-4758567
12	18		96906	MS35675-10
12	19		80064	592-4758566
12	20		80064	592-4758565
12	21		96906	AS568-132
12	22		80064	592-4758561
12	23		80064	592-4758560
12	24		80064	592-4758559
12	25		96906	MS29513-137
13	1		96906	MS16995-41
13	2		96906	MS35338-138
13	3		96906	MS16995-35
13	4		80064	592-4758551
13	5		80064	592-4758573
13	6		80064	592-4758562
13	7		80064	592-4758572
13	8	4820-01-131-9737	80064	592-4758560
13	9		80064	592-4758559
13	10	5330-00-252-6049	96906	MS29513-137
14	1		80064	592-4758579
14	2		96906	MS51605-15
14	3		53711	592-4758534
14	4		96906	MS16995-18
14	5		80064	592-4758500 FIND46

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
15	1		96906	MS16995-25-2
15	2		96906	MS29513-119
15	3		80064	592-4758631
15	4		80064	MS29513-020
15	5	5965-00-843-9957	81349	M-101/AIC
15	6		80064	592-4758667-0
15	7		80064	592-4758522
15	8		80064	592-4758521
15	9		81349	M18239-2
15	10		41620	9900-75
15	11		80064	592-4758517
16	1		80064	592-4758523
16	2		80064	592-4758523-2
16	3		80064	596-4758523-6
16	4		80064	592-4758523-3
16	5		80064	592-4758523-4
16	6		80064	592-4758524
16	7		80064	592-4758502
16	8		10001	1997458
16	9		80064	592-4758518
16	10		80064	592-4758569
16	11		80064	592-4758570
16	12		80064	592-4758519
16	13		80064	529-4758575
16	14	.	80064	592-4758576
16	15		80064	592-4758574
16	16		80064	592-4758528
16	17		80064	592-4758520
16	18		80064	592-4758568
16	19		80064	592-4758615-0
16	20		80064	592-4758899
16		4220-01-243-1561	80064	592-4758666
17	1	4220-01-147-2257	80064	592-4759107-0
17	2		80064	592-4759107-5
17	3		80064	592-4759107-4
17	4	6150-01-193-3170	80064	592-4759160
17	5		80064	592-4759161
17	6		80064	592-4759120-0
17	7		96906	MS16995-52
17	8		96906	MS16995-30
17	9	4030-01-218-3956	80064	592-4758499
17	10		80064	592-4759110
17	11		80064	592-4759138
17	12	5330-00-250-0237	96906	MS29513-122
17	13		80064	592-4759112
17	14	4720-00-230-6531	81349	MIL-H-2815
17	15		80064	4666850

CROSS-REFERENCE INDEXES

		FIGURE AND ITEM NUMBER INDEX		
FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
17	16		80064	4666882
17	17		14819	E064A115
17	18		80064	592-4759167
17	19		80064	4666874
17	20		80064	4666846
17	21	4730-01-039-2598	80064	4666875
17	22		9V562	H125HBVL-4-4
17	23		80064	NPN-A
18	1		80064	592-4759107
18	2		80064	592-4759107-5
18	3		80064	592-4759107-4
18	4	4220-01-136-7517	80064	592-4759160-0
18	5		80064	592-4759161
18	6		80064	592-4759120-0
18	7		96906	MS16995-52
18	8		96906	MS16995-30
18	9		80064	592-4758499
18	10		80064	592-4759110
18	11		80064	592-4759138
18	12	5330-00-250-0237	96906	MS29513-122
18	13		80064	592-4759112
18	14	4720-00-230-6531	81349	MIL-H-2815
18	15		80064	4666850
18	16		80064	4666882
18	17		14819	E064A115
18	18		80064	592-4759167
18	19		80064	4666874
18	20		80064	4666846
18	21		80064	4666875
18	22		9V562	H125HBVL-4-4
18	23		80064	NPN-A
19	1	5830-01-117-5432	34162	11620
19	2		88044	AN550-4-3
19	3		34162	L22556-17
19	4		34162	L22556-21
19	5		34162	L22556-1
19	6		96906	MS51863-23C
19	7		34162	L11192
19	8	5895-01-120-8827	34162	L11310
19	9		34162	10841
19	10		96906	MS51957-30
19	11		34162	3700-0001
19	12		34162	22436
19	13		96906	MS15795-802
19	14		96906	MS21083-C06
19	15		34162	A22557
19	16		34162	A22558

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
19	17		34162	3433-0620
19	18		34162	3600-2203
19	19	5998-01-117-5568	34162	L66231
19	20		34162	3012-3002
19	21		34162	4000-0011
19	22		34162	A22717
19	23		34162	B22559
19	24		34162	3020-000
19	25	5998-01-117-5569	34162	L66312
19	26		34162	3012-3000
19	27		34162	3610-4607
19	28		34162	CG1069
19	28	5999-01-117-5571	34162	L66320
19	29		34162	33600-0215
19	30		34162	CG1070
19	30		34162	L66332
19	31		34162	3433-0628
19	32		96906	MS18064-12
19	33		34162	3018-0103
19	34		34162	3300-0371
19	35	5930-01-142-3322	34162	0219-9100
19	36	6210-01-170-8785	34162	3018-0203
19	37		34162	3012-4009
19	38		34162	3700-1017
19	39		34162	3300-0360
19	40		34162	17237
19	41		34162	3012-7011
19	42		34162	3012-6032
19	43		34162	3000-1701
19	44		34162	3000-3005
19	45		34162	3012-4008
19	46		34162	3700-1015
19	47		34162	3018-0100
19	48		34162	3700-1006
19	49	5998-01-117-5570	34162	L66300
19	50		34162	2649-0005
19	51		34162	3018-0607
19	52	5905-01-171-8450	34162	2649-0009
19	53	5905-01-171-3519	34162	2649-0001
19	54	5998-01-117-5584	34162	L66291
19	55		34162	C22560-7
19	56		34162	4821 -1015
19	57		34162	3300-0370
19	58		96906	MS15795-807
19	59		96906	MS51957-47
19	60	5935-01-121-1005	34162	L11302
19	61		34162	3433-0621

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
19	62		34162	L22556-16
19	63		34162	22410
19	64		34162	22420
19	65		34162	3015-0401
19	66		34162	L22556-21
19	67		34162	L22556-18
19	68		34162	L22556
20	1		8G064	592-4758620
20	2		88044	AN530C6R4
20	3		80064	592-4758644
20	4		80064	592-4758692
20	5		17419	7900-8-8-4
20	6		96906	MS21076
21	1		55719	OEX5721
21	2	5120-00-142-5357	30106	1157
21	3	5120-01-173-7057	30106	1158
21	4	5120-00-228-9503	55179	OEX 100
21	5	5120-01-077-1140	30106	1159A
21	6	5120-00-228-9504	55179	OEX 120
21	7	5120-00-228-9505	55179	OEX 140
21	8			55179 OEX-160
21	9	5120-00-228-9507	55179	OEX 180
21	10	5120-00-228-9508	55179	OEX 200
21	11	5120-01-174-5228	55719	OEX 220
21	12	5120-01-335-1253	55179	OEX 240
21	13	5120-01-173-7059	55719	OEX 260
21	14	5120-01-173-7060	55719	OEX 280
21	15	5120-01-173-7081	55719	OEX 300
21	16	5120-01-173-7062	55719	OEX 320
21	17	5120-01-335-1317	55719	OEX 340
21	18	5120-01-335-1273	55719	OEX 360
21	19	5120-01-335-1274	55719	OEX 380
21	20	5120-01-335-1275	55719	OEX 400
21	21	5120-01-335-1276	55719	OEX 420
21	22	5120-01-335-1277	55719	OEX 440
21	23			80064 592-4758654
21	24	5120-00-240-5364	55179	GF720
21	25	5120-01-194-9428	55719	AW101 5AK
21	26	5120-01-289-7116	55719	AW028
21	27	5120-00-198-5400	56878	2
21	28	5120-00-198-5401	55719	AW1 -1 -2
21	29	5120-00-198-5398	55719	AW2
21	30	5120-00-224-2504	55719	AW2-1 /2
21	31	5120-00-242-4710	56232	0181 -7
21	32	5120-00-889-2162	55179	AW3 1/2
21	33	5120-00-240-5292	56232	0181 -8
21	34	5120-00-889-2163	55719	AW4 1/2

CROSS-REFERENCE INDEXES

FIGURE AND ITEM NUMBER INDEX

FIG.	ITEM	STOCK NUMBER	CAGE	FART NUMBER
21	35	5120-00-198-5392	74445	57020
21	36	5120-00-240-5300	54370	1 OB08
21	37	5120-00-242-7411	55719	AW7
21	38	5120-00-224-4659	10001	1090989
21	39	5120-00-240-5274	10001	112876
21	40	5120-00-198-5390	74445	57030
21	41	5120-00-288-8713	07971	1964
21	42	5120-00-624-8065	30106	529-10
21	43	5120-00-288-9716	19200	8259748
21	44	5120-00-223-1010	81348	GGG-P-831
21	45	5120-00-180-0705	81348	GGG-S-180
21	46	5120-00-596-8653	75347	601-6
21	47	5120-00-061-8541	58536	A-A-1305
21	48	3540-00-445-3325	70847	C001
21	49	4920-00-007-9778	70847	J050
21	50	5120-00-487-2936	D8205	900-107-001-03
21	51	5120-00-293-0032	72368	654
21	52	5120-01-092-3276	55719	FRH-180S
21	53	5120-00-288-6468	93389	314-21 N
21	54	6625-00-999-6282	50058	ANURM105C
21	55	5120-01-116-6996	55719	BF620B
21	56	6625-01-203-4978	80064	592-4759200
21	57	4220-01-177-3119	80064	592-4759216
21	58	6685-00-264-3963	22527	11-279A
21	59	4220-01-130-9937	80064	592-4759219
21	60	6685-01-108-1719	80064	592-4759205
21	61	4730-01-145-9300	80064	592-4759203-1
21	62	5220-01-202-1324	80064	592-4759213
21	63	4730-01-139-2717	80064	592-4759215
21	64		80064	592-4758986
21	65	4730-01-138-8274	02570	B-QC6-B-4PM
21	66	5330-01-128-2309	80064	592-4759218
21	67	4730-01-138-8300	14819	LP-80
21	68	4220-01-135-5612	41620	592-4759209-0
21	69	4310-01-138-8526	56203	6106
21	70	4720-01-128-0334	80064	592-4759210
21	71		80064	592-4758941
21	72	4730-01-146-3664	02570	B-QC6-S-4PF
21	73	4220-01-202-1325	80064	592-4759224
21	74	4730-01-138-8299	02570	B-QC4-8-2PM
21	75	4820-01-138-8527	91816	559B-1 M-2
21	76	5340-01-185-0926	80064	592-4759223
21	77	5305-01-046-0544	80205	NAS1635-08-04
21	78	5330-00-641-8942	96906	MS29513-272
21	79		80064	592-4759220-2
21	80		80064	592-4759226
21	81	4220-01-128-2308	80064	592-4759144

CROSS-REFERENCE INDEXES**FIGURE AND ITEM NUMBER INDEX**

FIG.	ITEM	STOCK NUMBER	CAGE	PART NUMBER
21	82	4220-01 -130-5526	80064	592-4759145
21	83	4220-01 -126-4905	80064	592-4759146
21	84	4220-01 -126-9208	80064	592-4759147
21	85	4220-01- 126-7401	80064	592-4759148
21	86	3460-01 -126-7402	78570	94330-S3-8
21	87		80064	592-4759150
21			80064	592-4758904
21			80064	592-4759153

By Order of the Secretary of the Army:

GORDON R. SULLIVAN
General, United States Army
Chief of Staff

Official: *Milton H. Hamilton*

MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army
06429

DISTRIBUTION:

To be distributed in accordance with DA Form 1 2-25-E, block no. 5118, requirements for TM 5-4220-225-24P.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

SOMETHING WRONG WITH PUBLICATION



THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS FORM.
CAREFULLY TEAR IT OUT, FOLD IT
AND DROP IT IN THE MAIL.

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

IN THIS SPACE, TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT.

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

TEAR ALONG PERFORATED LINE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS
ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS.

The Metric System and Equivalents

Linear Measure

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

Weights

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

Liquid Measure

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

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

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

Temperature (Exact)

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

PIN: 072547-000