

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

RADIO TELETYPEWRITER SET

AN/GRC-122D (NSN 5815-01-096-0428)

AN/GRC-122E (NSN 5815-01-095-1212)

AN/GRC-142D (NSN 5815-01-104-7264)

AN/GRC-142E (NSN 5815-01-095-6258)

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
15 APRIL 1989

Technical Manual

No. 11-5815-334-20P-2

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 15 April 1989

**Organizational Maintenance Repair Parts and Special Tools List  
for  
RADIO TELETYPEWRITER SET**

AN/GRC-122D (NSN 5815-01-096-0428)  
AN/GRC-122E (NSN 5815-01-095-1212)  
AN/GRC-142D (NSN 5815-01-104-7264)  
AN/GRC-142E (NSN 5815-01-095-5258)

Current as of 15 January 1989

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 back of this manual direct to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-ME-PS, Fort Monmouth, New Jersey 07703-5000. A reply will be furnished direct to you.

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05	Teletypewriter Set AN/UGC-74A(V)3 (See TM 11-5815-602-24P for parts)		
06	Reperforator Transmitter Teletypewriter TT-76/GRC (See TM 11-5815-238-20P for parts)		
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08	Standing Wave Ratio Power Meter ME-165(*)/G (No parts authorized at this level)		
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10	Antenna Group AN/GRA-50 (See TM 11-5820-467-24P for parts)		
11	Dynamic Loudspeaker LS-166/U (No parts authorized)		
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## SECTION 1

### INTRODUCTION

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#### 1. Scope

This manual lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of organizational maintenance of the AN/GRC-122D, AN/GRC-122E, AN/GRC-142D, and AN/GRC-142E. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

#### 2. General

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. The list also includes parts which must be removed for replacement of the authorized parts. parts list are composed of functional groups in ascending item number sequence. Figure numbers are listed directly beneath the group header.

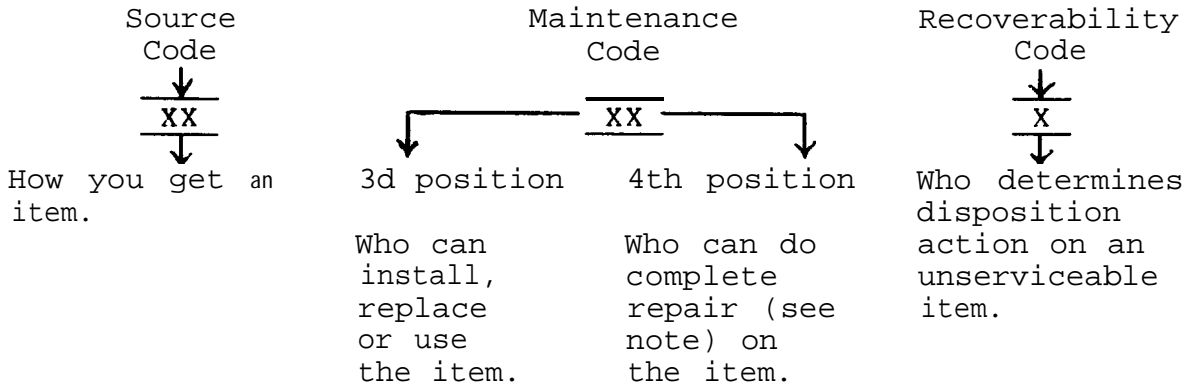
b. Section III. Special Tools List. Not applicable.

c. Section IV. Cross-Reference Indexes. A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphameric 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 number and item number index lists figure and item numbers in numeric sequence and cross-references National stock number, Federal Supply Code for Manufacturer and part numbers.

#### 3. Explanation of Columns (Section 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 five-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



**NOTE**

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:

<u>Code</u>	<u>Explanation</u>
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 third position of the SMR code.
PB	
PC	
PD	
PE	
PF	
PG	

**NOTE**

Items coded PC are subject to deterioration.

KD	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 third position of the SMR code. The complete kit must be requested and applied.
KF	
KB	

<u>Code</u>	<u>Explanation</u>
MO - Made at org/AVUM category	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. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of maintenance.
MF - Made at DS/AVIM category	
MH - Made at GS category	
ML - Made at Specialized Repair Activity (SRA)	
MD - Made at Depot	
AO - Assembled by org/AVUM category	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 category of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.
AF - Assembled by DS/AVIM category	
AH - Assembled by GS category	
AL - Assembled by SRA	
AD - Assembled by Depot,	

<u>Code</u>	<u>Explanation</u>
XA - Do not requisition an "XA" coded item. Order its next higher assembly.	
XB - If an "XB" item is not available from salvage, order it using the FCSM and part number given.	
XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.	
XD - Item is not stocked. Order an "XD" coiled item through normal supply channels using the FCSM and part number given, if not 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 category 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 category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

<u>Code</u>	<u>Application/Explanation</u>
C -	Crew or operator maintenance done within organizational or aviation maintenance.
O -	Organizational or aviation unit category can remove, replace, and use the item.
F -	Direct support or aviation intermediate category can remove, replace, and use the item.
H -	General support category can remove, replace, and use the item.
L -	Specialized repair activity can remove, replace, and use the item.
D -	Depot category 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 category with the capability to do complete repair (i.e., perform all authorized repair functions) . This position will contain one of the following maintenance codes.

**NOTE**

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

<u>Code</u>	<u>Application/Explanation</u>
O -	Organizational or aviation unit is the lowest category that can do complete repair of the item.
F -	Direct support or aviation intermediate is the lowest category that can do complete repair of the item.
H -	General support is the lowest category that can do complete repair of the item.
L -	Specialized repair activity (designate the specialized repair activity) is the lowest category that can do complete repair of the item.
D -	Depot is the lowest category that can do complete repair of the item.

<u>Code</u>	<u>Application/Explanation</u>
-------------	--------------------------------

- |     |  |
|-----|--|
| 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 category. |

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

<u>Recoverability codes</u>	<u>Application/Explanation</u>
-----------------------------	--------------------------------

- |     |  |
|-----|--|
| z - | Nonreparable item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR code.   |
| 0 - | Reparable item. When uneconomically repairable, condemn and dispose of the item at organizational or aviation unit category.   |
| F - | Reparable item. When uneconomically repairable, condemn and dispose of the item at direct support or aviation intermediate category.   |
| H - | Reparable item. When uneconomically repairable, condemn and dispose of the item at general support category.   |
| D - | Reparable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.  |
| 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 appropriate manuals/directives for specific instructions. |

c. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. Part Number (Column (4)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering 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 part ordered.

e. Description and Usable on Code (Uoc) (Column (5)). This column includes the following information.

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

(2) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section 111

(3) Usable on code, when applicable (para 5) .

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

**4. Explanation of Columns (Section IV)**

a. National Stock Number (NSN) Index.

(1) Stock number column. This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits) .

(2) Fig. column. This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and 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 alphameric sequence.

(1) FSCM column. This column lists the Federal supply code for manufacturer.

(2) Part number column. This column indicates the part number assigned to the item.

(3) stock number column. This column lists the National stock number for the associated part number and manufacturer identified in the part number and FSCM columns to the left.

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

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

Figure and Item Number Index.

(1) Fig. column. This column lists the number of the figure where the item is identified/located in sections II and 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 National stock number for the item.

(4) FSCM column. The Federal supply code for manufacturer (FSCM) is a 5-digit numeric code used to identify "the manufacturer, distributor, or Government agency, etc., that supplies the item.

(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 item.

5. Special Information

a. Usable on Code. Usable on codes reference the D and E models of the AN/GRC-122(\*) and are applicable to the respective models of the AN/GRC-142(\*). All references to the "Half-Duplex Operation" refer to the AN/GRC-142(\*). the usable on code appears in the lower left corner of the description column heading. Usabls on codes are shown as "UOC: " in the description column (justified left) on the first line applicable item description nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in this RPSTL are:

<u>Code</u>	<u>Used on</u>
FHF	AN/GRC-122D, AN/GRC-142D
EHF	AN/GRC-122E, AN/GRC-142D)

b. Associated Publications. The publications listed below pertain to the AN/GRC-122D, AN/GRC-122E, AN/GRC-142D and AN/GRC-142E:

- TM 11-4320-236-14, Heater, Space, Portable, Model UH48B, Type III
- TM 11-4320-236-24P, Heater, Space, Portable Model UH48B, Type III
- TM 11-5038, Control Group AN/GRA-6
- TM 11-5820-489-20, Control Group AN/GRA-6
- TM 11-5820-489-20P, Control Group AN/GRA-6
- TM 11-5820-489-34P, Control Group AN/GRA-6
- TM 11-5805-201-12, Telephone Set TA-312A/PT
- TM 11-5805-201-20P, Telephone Set TA-312A/PT
- TM 11-5805-387-15-2, Modem, Radio Teletypewriter MD-522A/GRC
- TM 11-5805-387-20-2, Modem, Radio Teletypewriter MD-522A/GRC
- TM 11-5805-387-20P, Modem, Radio Teletypewriter MD-522A/GRC

TM 11-5815-334-20P-2

TM 11-5815-238-20. Teletypewriter Sets AN/GGC-3 and AN/GGC-3A, AN/GGC-53 and AN/GGC-53A, and Teletypewriter-Reperforator-Transmitters TT-76/GGC, TT-76A/GGC, TT-76B/GGC, TT-76C/GGC, TT-699/GGC, TT-699A/GGC, TT-699B/GGC

TM 11-5815-238-20P, Teletypewriter Sets AN/GGC-3 and AN/GGC-3A and Teletypewriter Reperforator-Transmitters TT-76/GGC, TT-76A/GGC, TT-76B/GGC and TT-76C/GGC.

TM 11-5815-334-20, Radio Teletypewriter Sets AN/GRC-142, AN/GRC-142A, AN/GRC-142B, AN/GRC-142C, AN/GRC-142D, AN/GRC-142F, AN/GRC-122, AN/GRC-122A, AN/GRC-122B, AN/GRC-122, AN/GRC-122D, and AN/GRC-122E

TM 11-5815-338-15, Device, Low Level Signaling TT-523/GGC and TT-523A/GGC

TM 11-5815-602-24, Terminal, Communications AN/UGC-74A(V)3

TM 11-5815-602-24P, Terminal, Communications AN/UGC-74A(V)3

TM 11-5820-467-15, Antenna Group AN/GRA-50

TM 11-5820-467-24P, Antenna Group AN/GRA-50

TM 11-5820-520-12, Radio Sets AN/GRC-106 and AN/GRC-106A

TM 11-5820-520-20P, Radio Set AN/GRC-106

TM 11-5820-765-12, Power Supplies PP-4763/GRC and PP-4763A/GRC

TM 11-6125-252-15, Motor Generator PU-724/G

TM 11-6125-252-24P, Motor Generator PU-724/G

TM 11-6125-252-13&P, Motor Generator PU-724A/G

TM 11-5625-333-15, Standing Wave Radio Power Meter ME-165/G

TM 11-6625-333-24P, Standing Wave Radio Power Meter ME-165/G

c. Illustrations Listing. The illustrations in this RPSTL are identical to those published in TM 11-5815-334-34P. Only those parts coded "C" or "O" in the third position of the SMR code are listed in the tabular listing; therefore, there may be a break in the item number sequence, figure number and page number. Only illustrations containing organizational or aviation unit authorized items appear in this RPSTL.

d. National stock Numbers. National stock numbers (NSN'S) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDE). Until the NSN'S are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-MM, Fort Monmouth, NJ 07703-5000 for the part required to support your equipment.

#### NOTE

An item SMR coded "H" in the third, fourth, and fifth position is interpreted as intermediate for Air Force Repair.

## 6. How to Locate Repair Parts

a. When National stock number or part number is not known.

(1) First. Using the table of contents, determine the assembly group 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 note the item number .

(4) Fourth. Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) Fifth. Refer to the Part Number Index to find the NSN, if assigned.

When National stock number or part number is known.

(1) First. Using the index of National stock numbers and part numbers, find the pertinent National stock number or part number. The NSN index is in National item identification number (NIIN) sequence (para 4a(1)). The part numbers in the part number index are listed in ascending alphameric sequence (para 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) Second. After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

## **7. Abbreviations**

Not applicable.

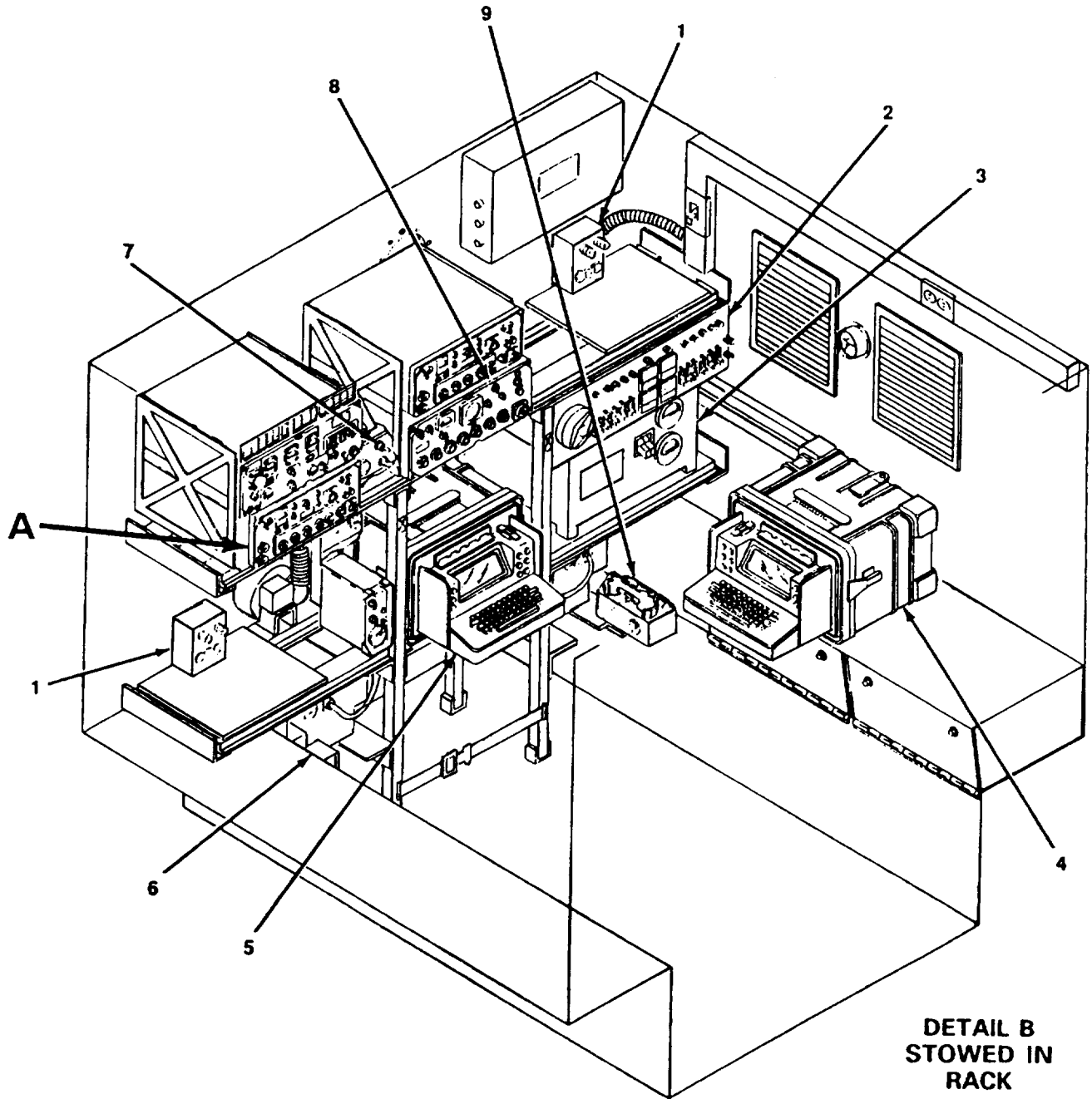
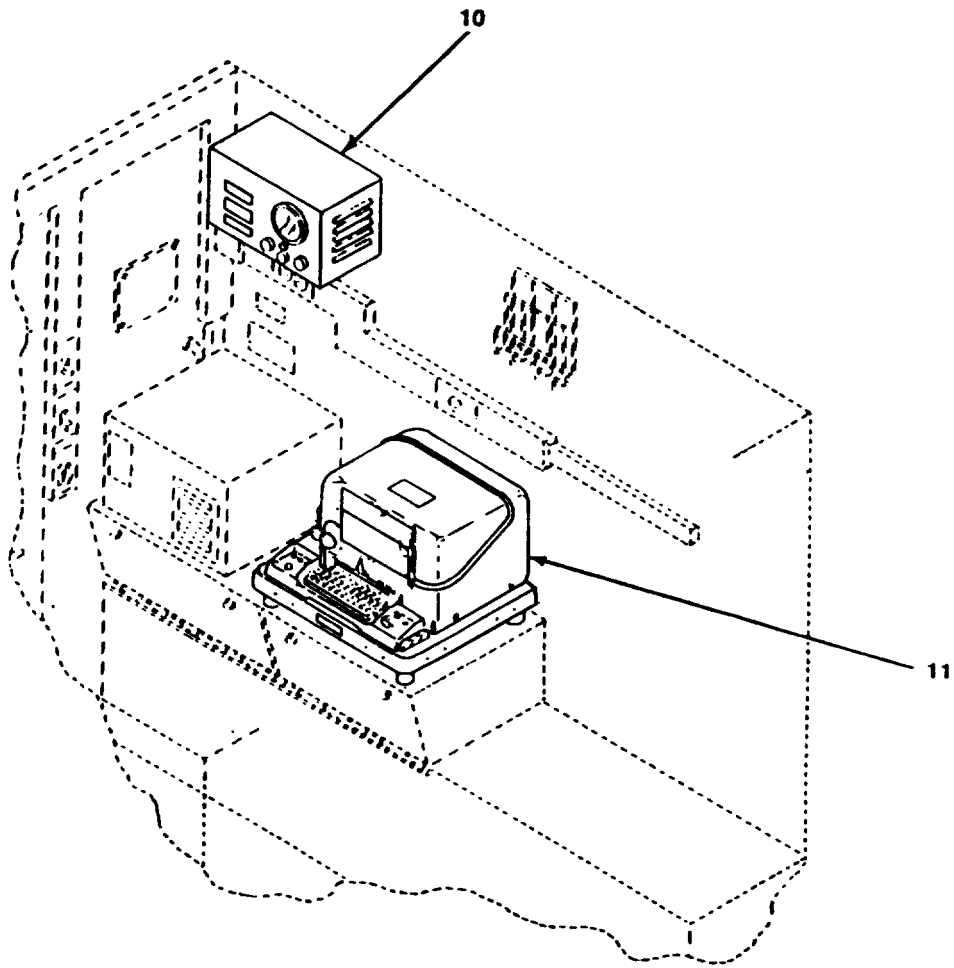
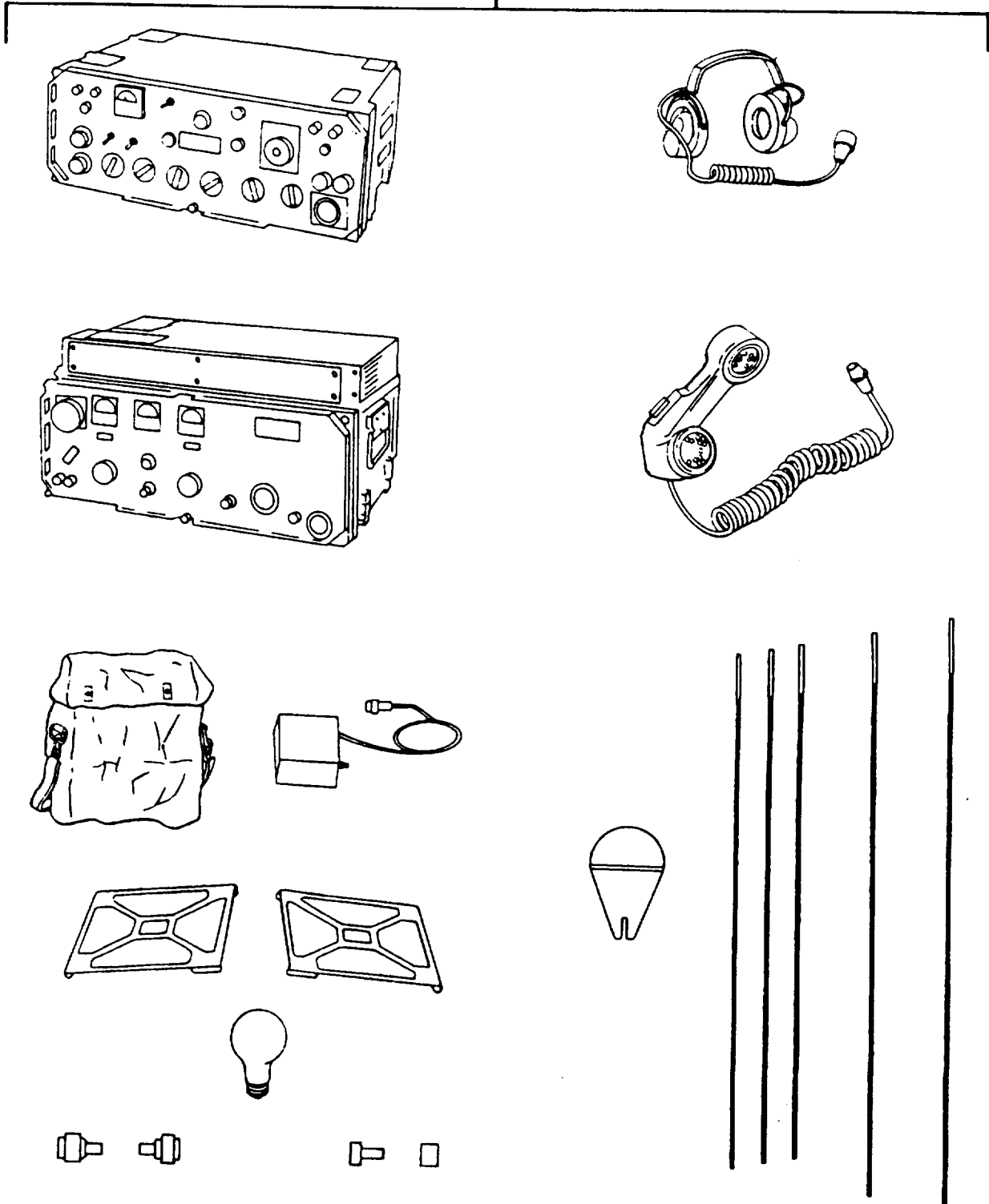


Figure 1. Radio Teletypewriter Sets AN/GRC-142D, AN/GRC-142E, AN/GRC-122D and AN/GRC-122E (Sheet 1 of 6)



CE2DG002

Figure 1. Radio Teletypewriter Sets AN/GRC-142D, AN/GRC-142E, AN/GRC-122D and AN/GRC-122E (Sheet 2 of 6)

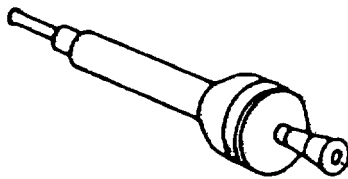
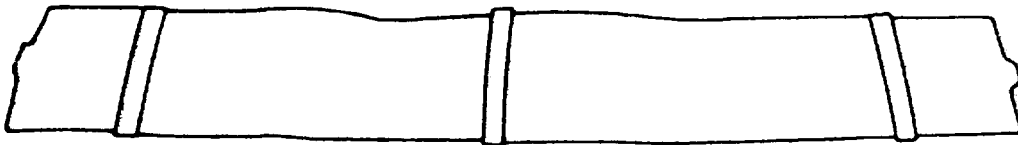
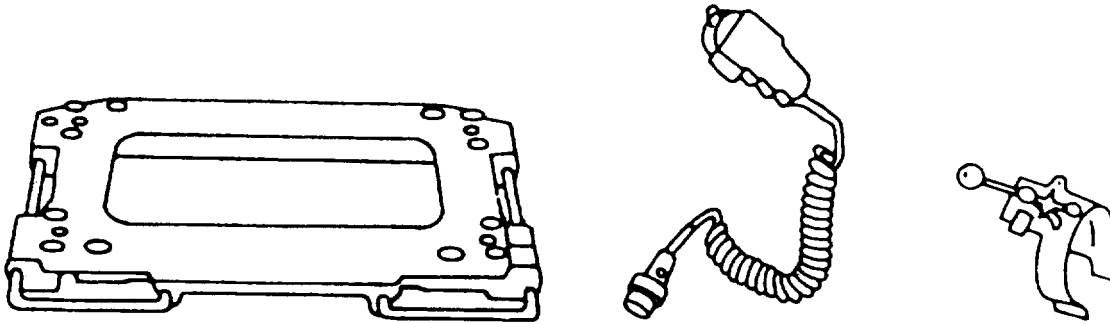


**DETAIL A**

CE2DG003

Figure 1. Radio Teletypewriter Sets AN/GRC-142D, AN/GRC-142E, AN/GRC-122D and AN/GRC-122E (Sheet 3 of 6)

12

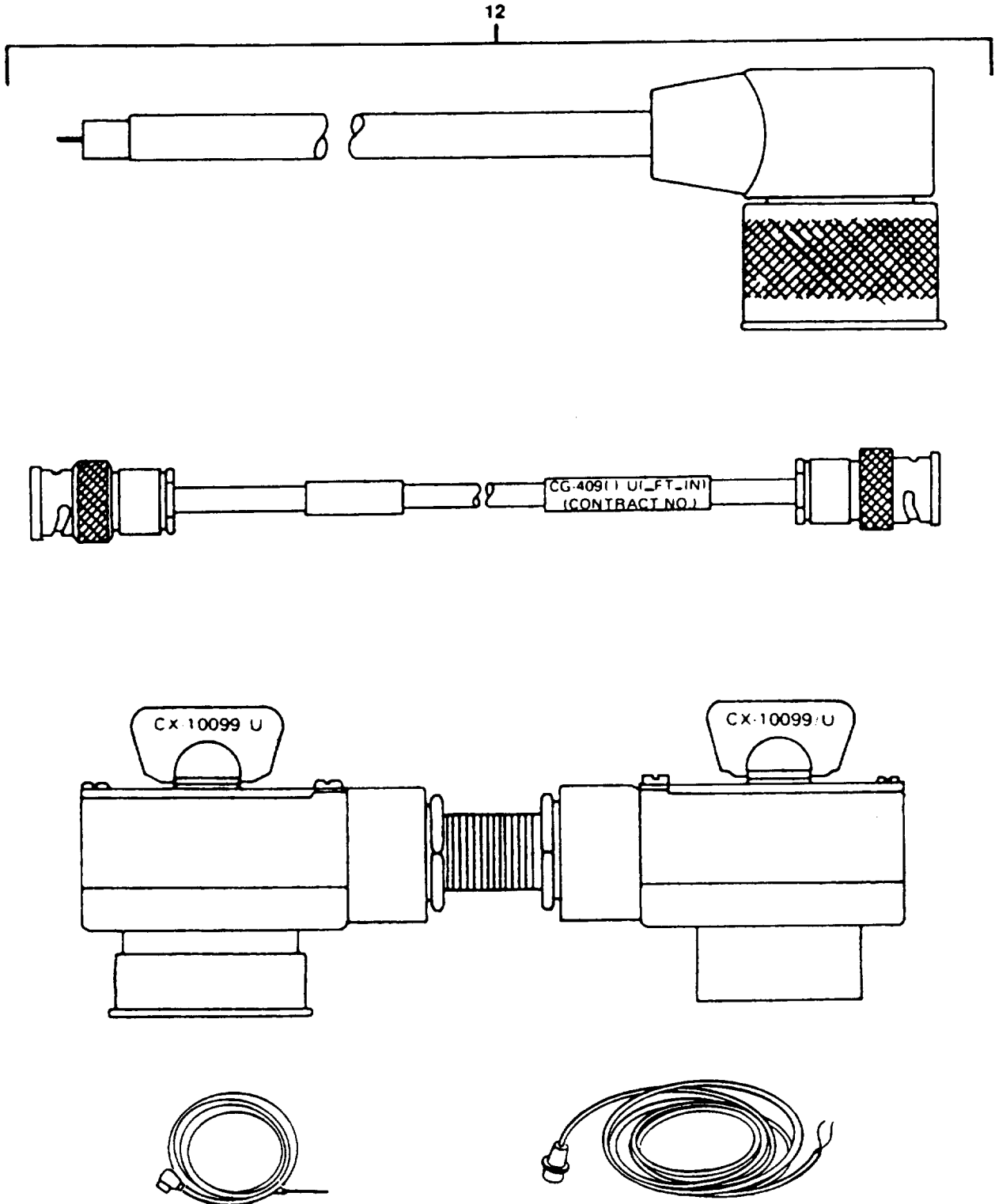


**DETAIL A**

CE2DGC01

Figure 1. Radio Teletypewriter Sets AN/GRC-142D, AN/GRC-142E, AN/GRC-122D and AN/GRC-122E (Sheet 4 of 6)



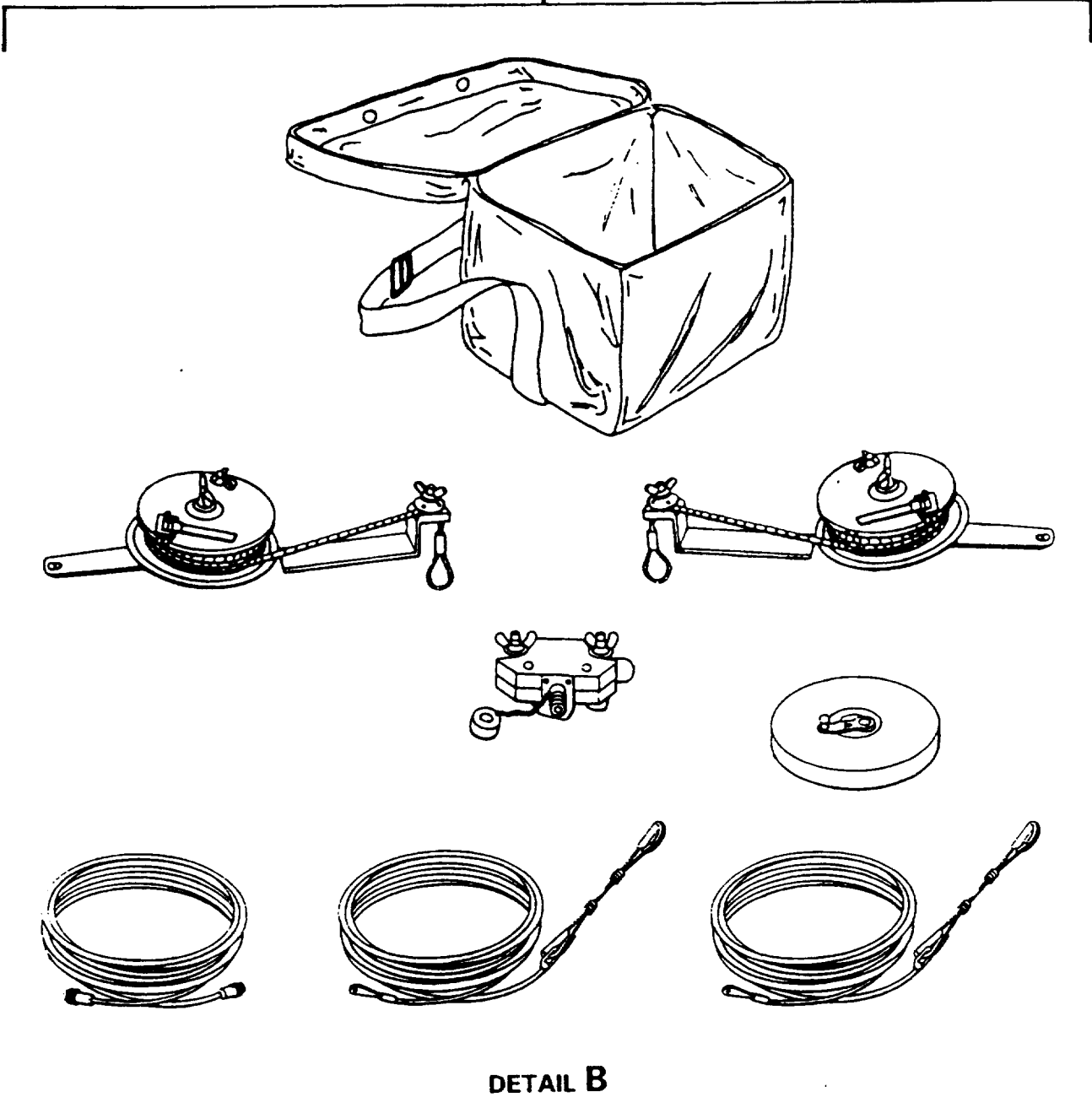


**DETAIL A**

CE2DG0005

Figure 1. Radio Teletypewriter Sets AN/GRC-142D, AN/GRD-142E, AN/GRC-122D and AN/GRC-122E (Sheet 5 of 6)

13



CE2CG0C6

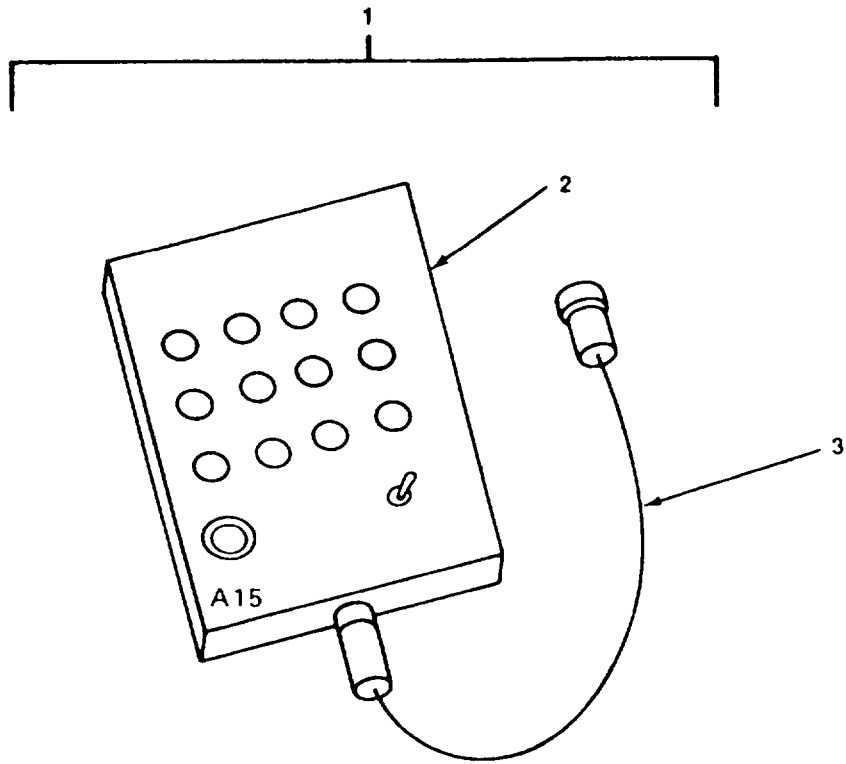
Figure 1. Radio Teletypewriter Sets AN/GRC-142D, AN/GRC-142E, AN/GRC-122D and AN/GRC-122E (Sheet 6 of 6)

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 00 RADIO TELETYPEWRITER SETS AN/GRC-122D&E AND AN/GRC142D&E					
FIGURE 1					
1	PAOFF	80058	J-2728/GRC-142	INTERCONNECTING BOX	2
3	PAODD	80058	PP-4763()/GRC	POWER SUPPLY	1
5	PDODD	80058	AN/UGC-74A(V)3	TERMINAL, COMMUNICAT QTY 1 FOR HALF DUPLEX OPERATION	2
6	PAODA	80058	LS-166U	LOUDSPEAKER, PERMANENT	1
8	PAODD	80058	MD-522A/GRC	MODEM, RADIO TELETYPE	1
9	PAODD	80058	TA-312()/PT	TELEPHONE SET	2
10	PAODD	80058	ME-165()/G	INDICATOR, STANDING	1
11	PDOFF	80058	TT-76()/GGC(MOD)	TELETYPEWRITER	1
12	PDODD	80058	AN/GRC-106A	RADIO SET QTY 2 RT-834/GRC FOR DUPLEX OPERATION	1
13	PDODD	80058	AN/GRA-50	ANTENNA GROUP	1

END OF FIGURE



CE2DG007

Figure 2. Remote Control Assembly.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 00 REMOTE CONTROL ASSEMBLY C-7279/GRC-142	
				FIGURE 2	
1	PAOFF	80058	C-7279/GRC-142	REMOTE CONTROL FOR PARTS BREAKDOWN SEE FIGURE 12	1
				END OF FIGURE	

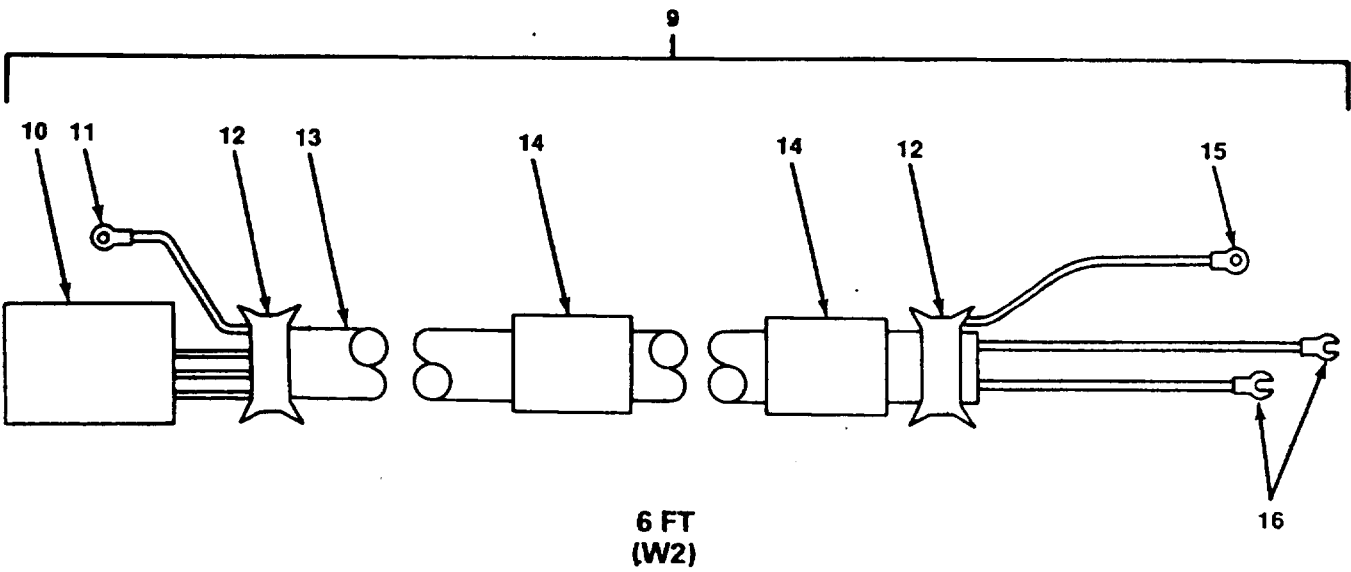
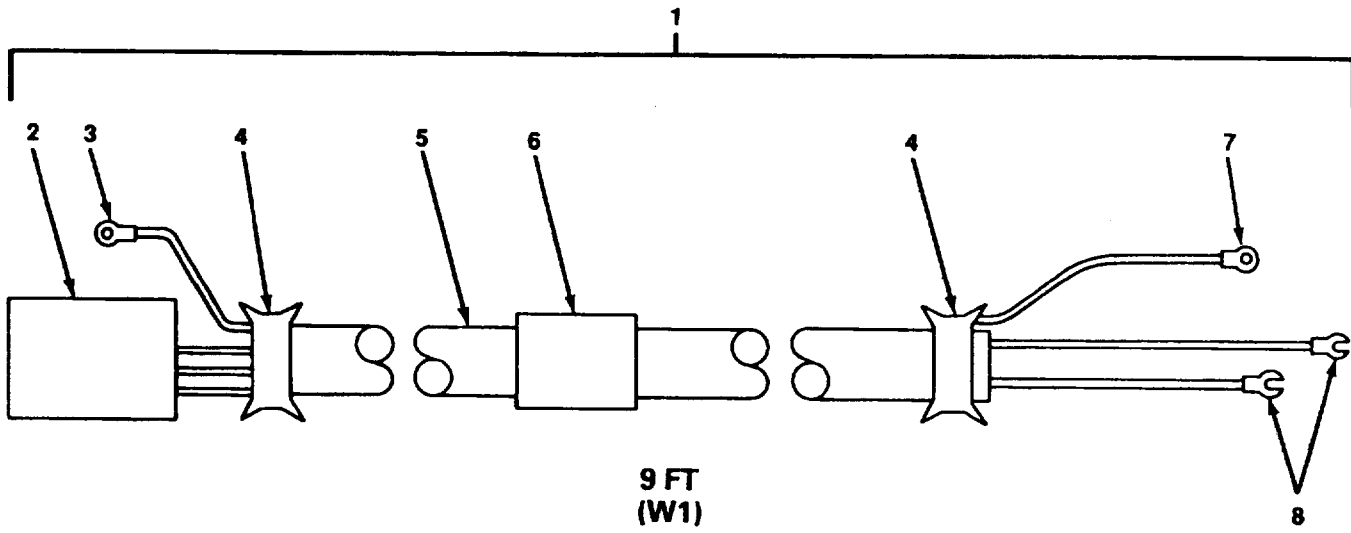


Figure 3. Cable Assemblies W1 through W6 (Sheet 1 of 3).

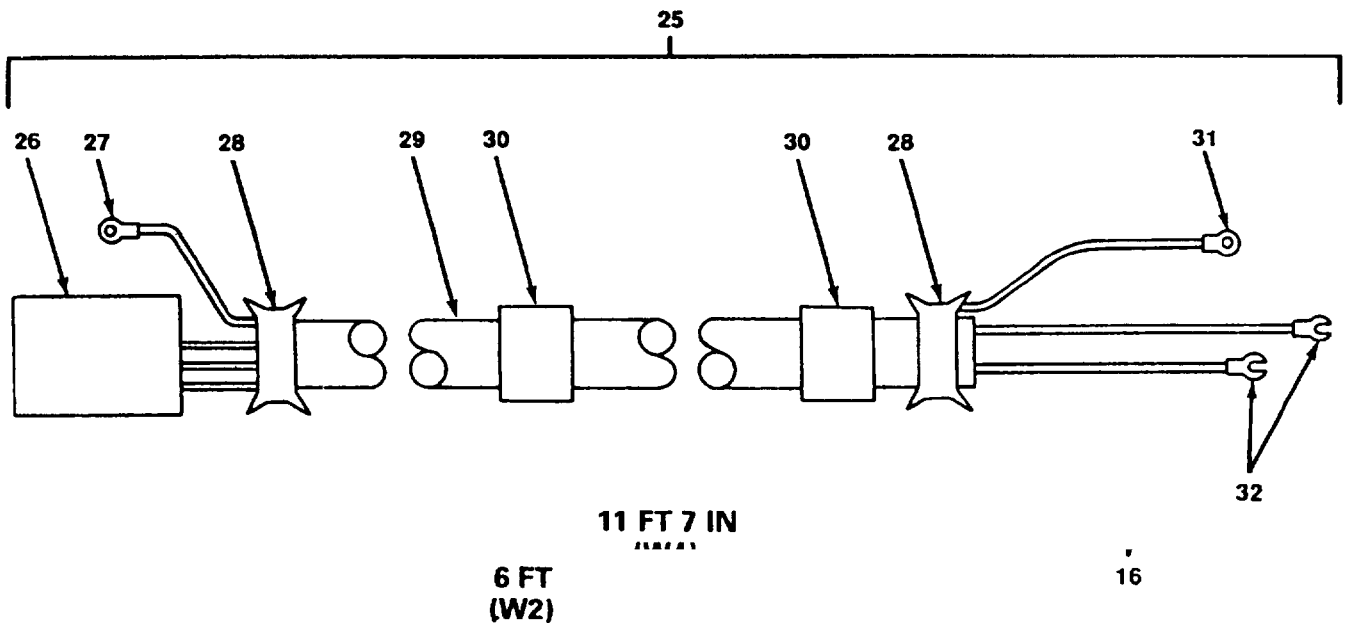
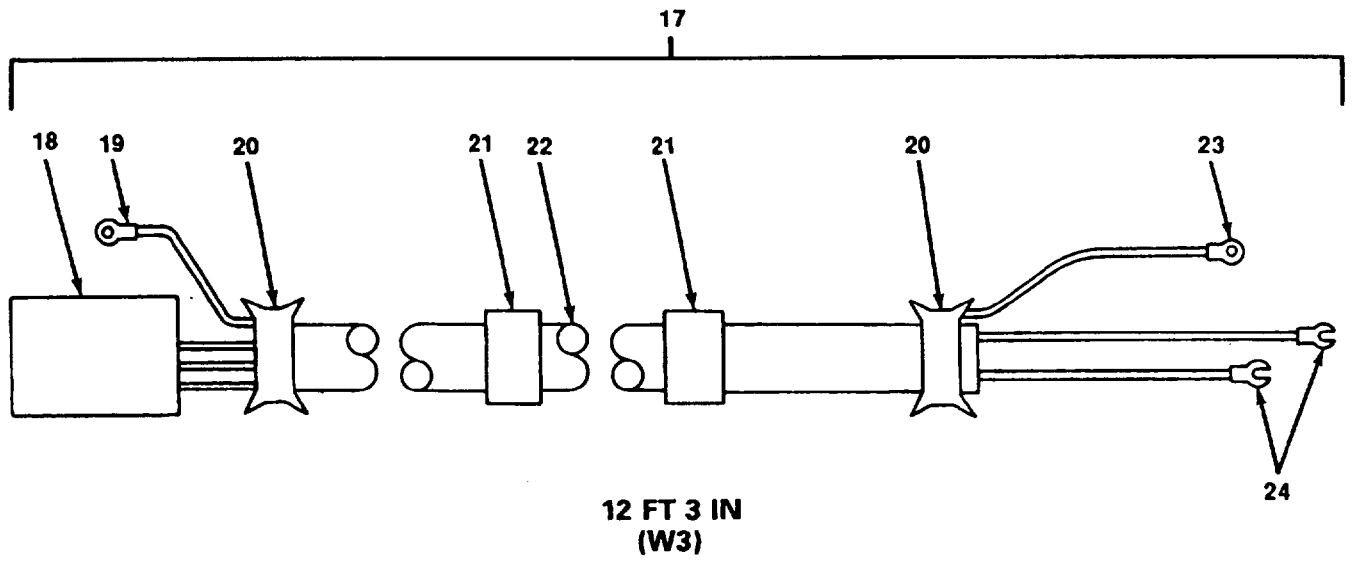


Figure 3. Cable Assemblies W1 through W6 (Sheet 1 of 3).

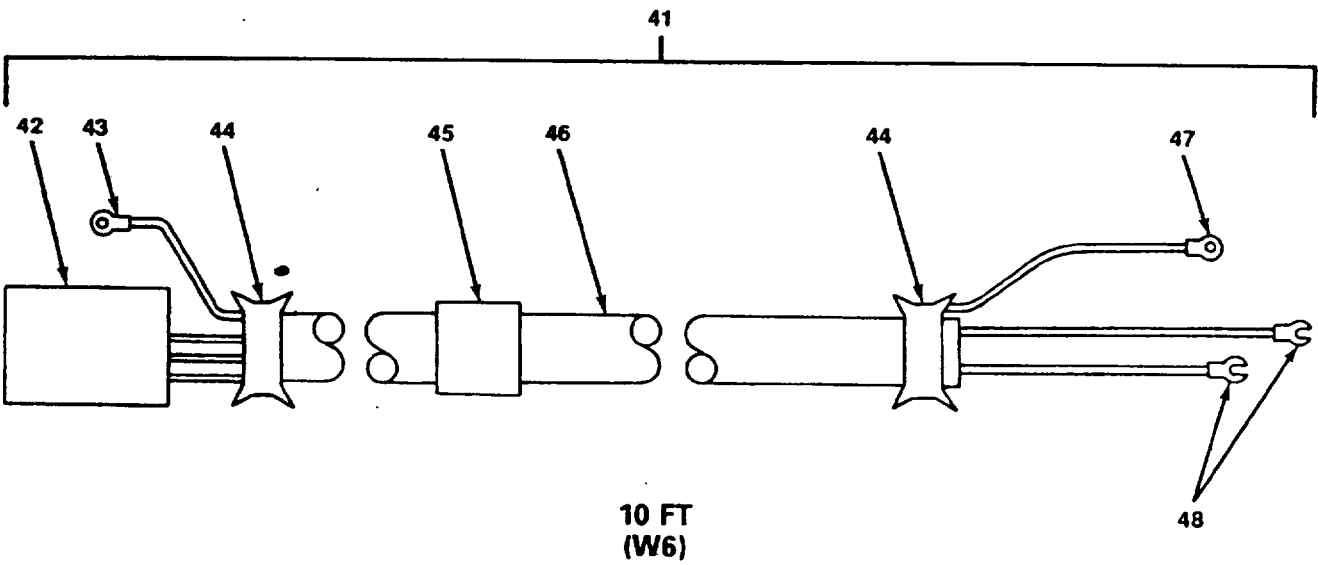
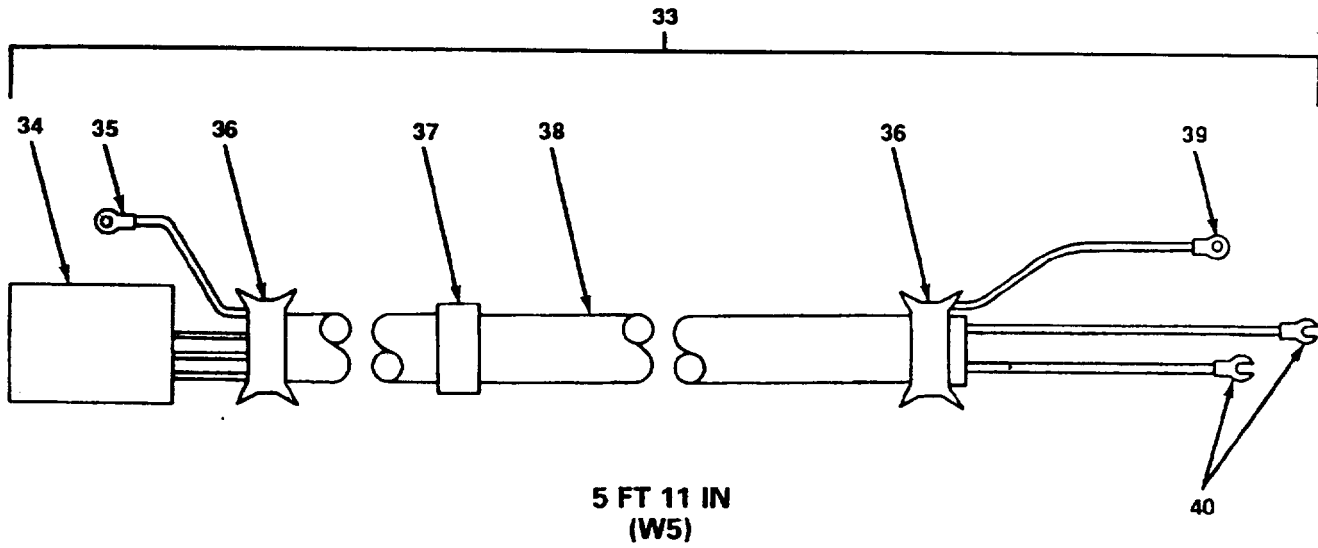


Figure 3. Cable Assemblies W1 through W6 (Sheet 3 of 3).



## SECTION II

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W1 THROUGH W6	
				FIGURE 3	
1	PAOFF	80058	CX-10507/G(9FT)	CABLE ASSEMBLY,SPEC	1
9	PAOFF	80058	CX-10508/G(6FT)	CABLE ASSEMBLY,SPEC	1
17	PAOFF	80058	CX-10509/G(12FT3 IN)	CABLE ASSEMBLY,SPEC	1
25	PAOFF	80058	CX-10510/G(11FT7 IN)	CABLE ASSEMBLY,SPEC	1
33	PAOFF	80058	CX-10511/G(5FT11 IN)	CABLE ASSEMBLY,SPEC	1
41	PAOFF	80058	CX-10512/G(10FT)	CABLE ASSEMBLY,SPEC	1
				END OF FIGURE	

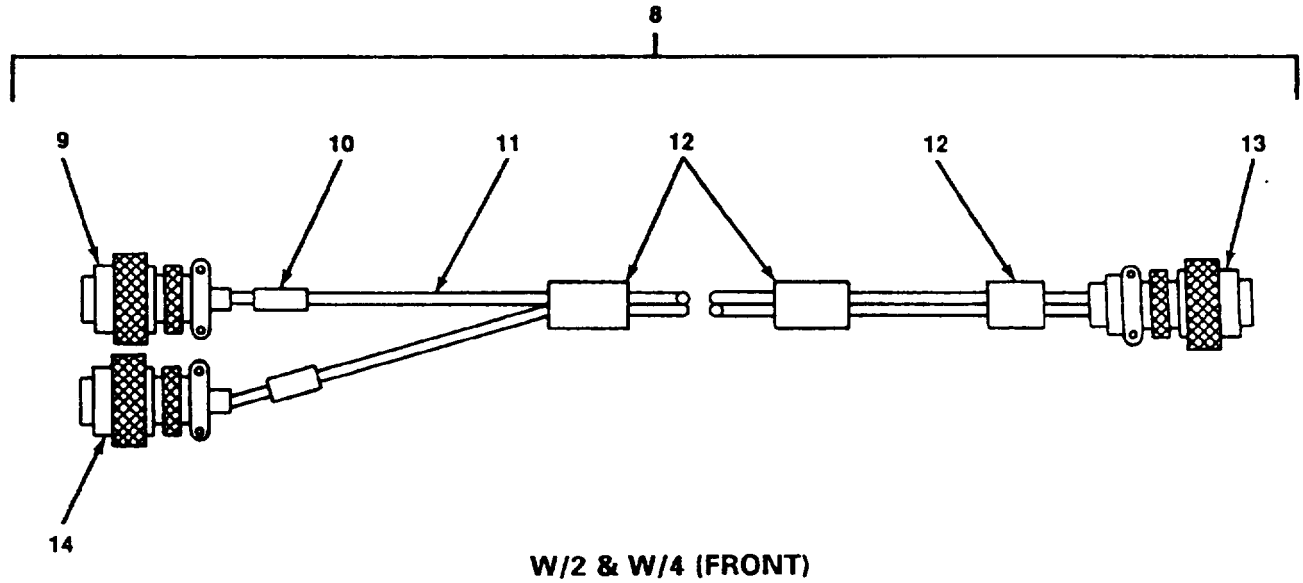
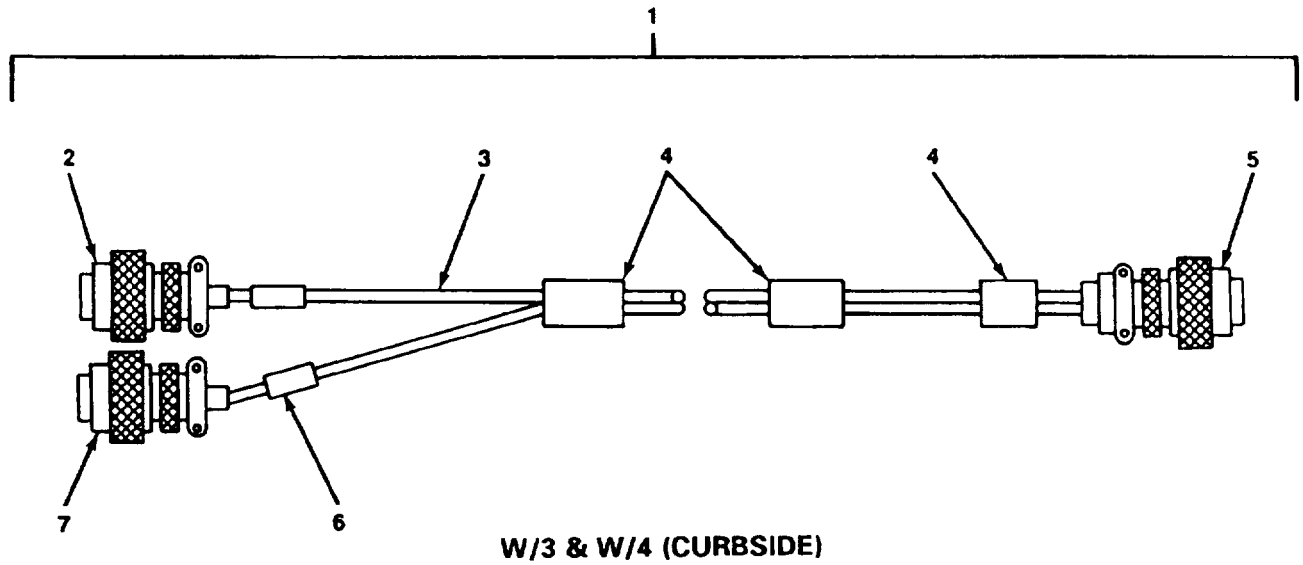
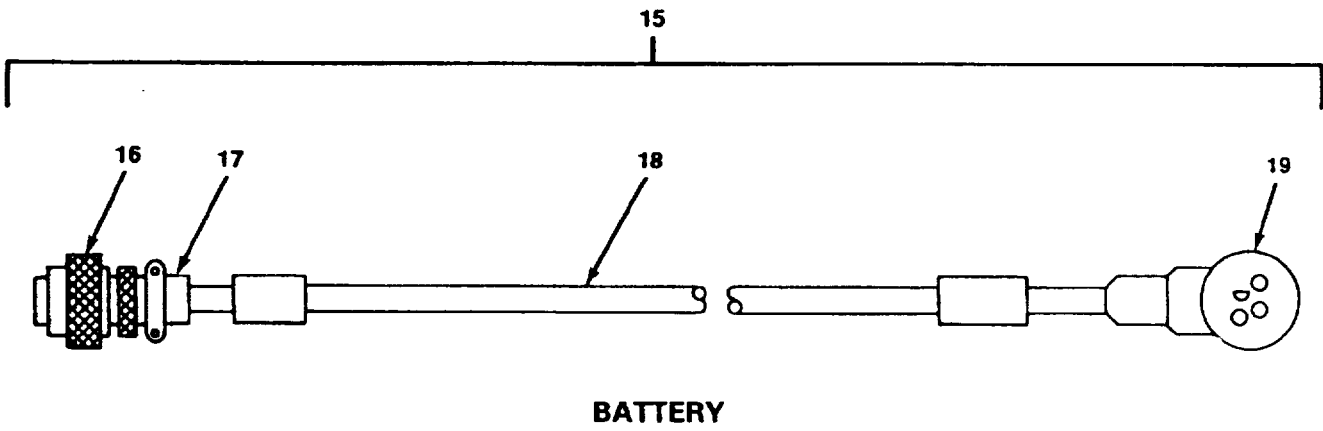


Figure 4. Cable Assemblies W/3 & W/4 (Curbside), W/2 & W/4 (Front) and Battery (Sheet 1 of 2).

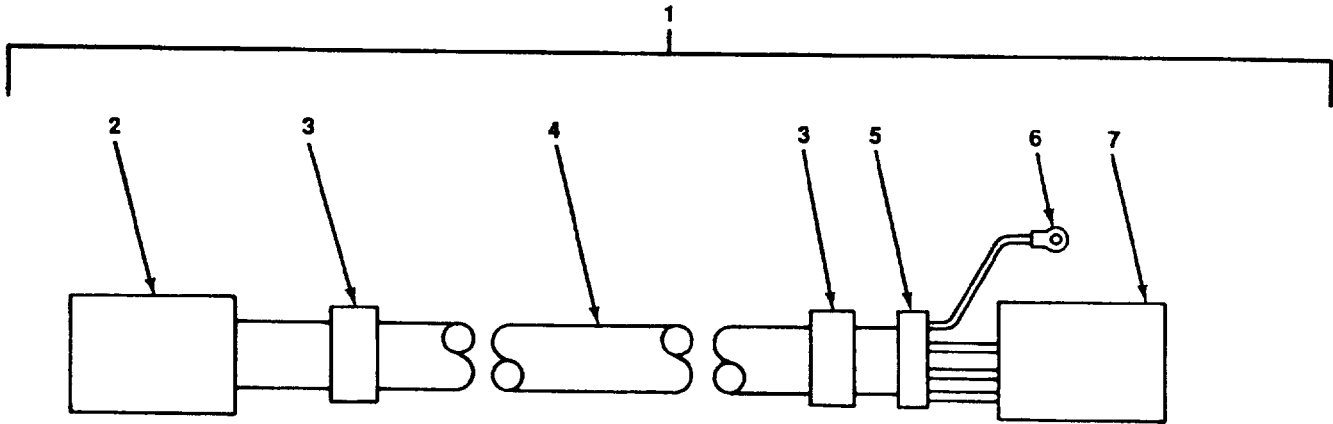


CE2DG012

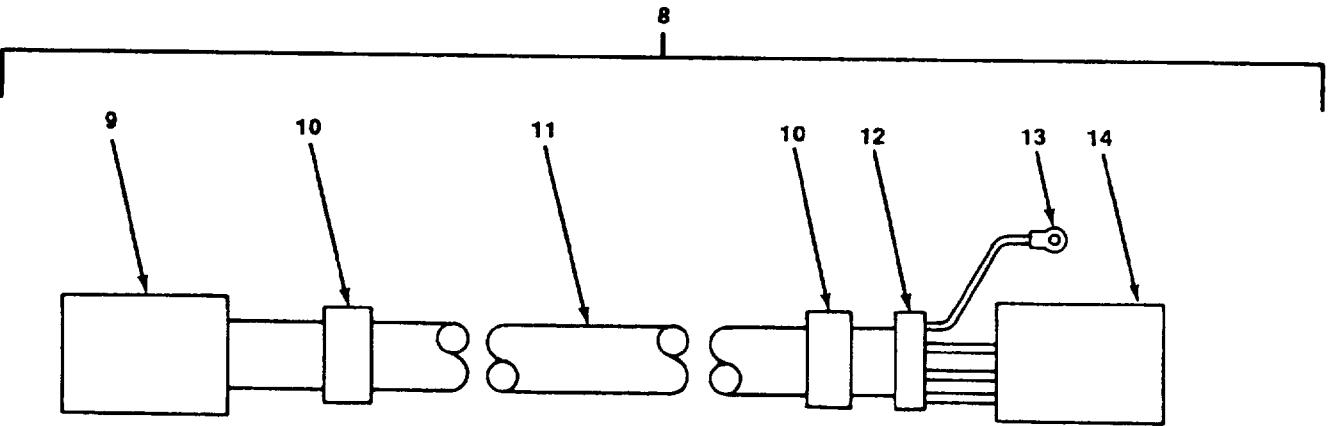
Figure 4. Cable Assemblies W/3 & W/4 (Curbside), W/2 & W/4 (Front) and Battery (Sheet 2 of 2).

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W/3 & W/4 (CURBSIDE) AND W/2 & W4 (FRONT) AND BATTERY	
				FIGURE 4	
1	PAOFF	80063	SC-D-960025-003	CABLE ASSEMBLY, SPEC	1
8	PAOFF	80063	SC-D-960624-000	CABLE ASSEMBLY, SPEC	1
15	PAOFF	80058	CX-12330/G(1FT0I N)	CABLE ASSEMBLY	1

END OF FIGURE

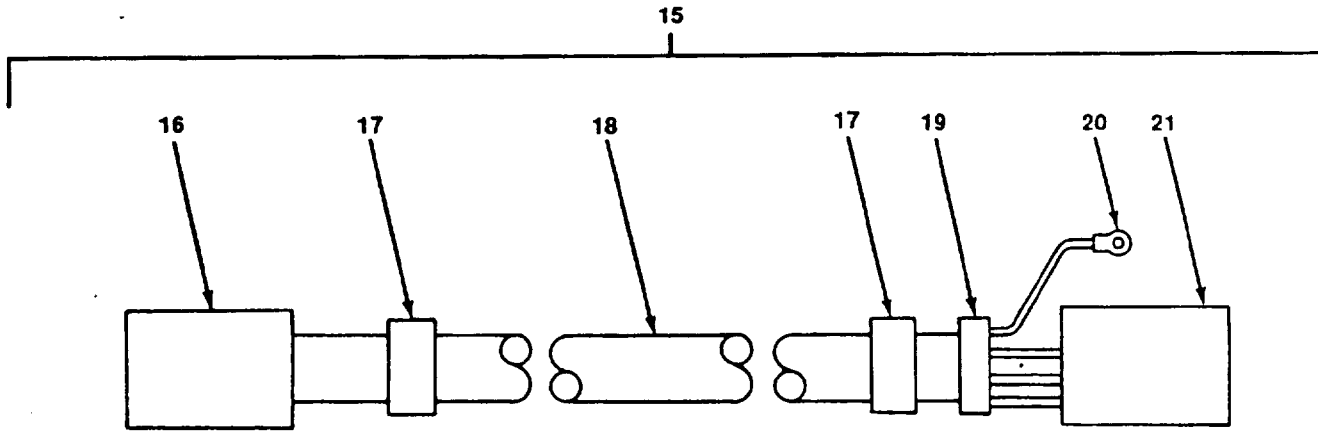


9 FT 6 IN  
(W7)

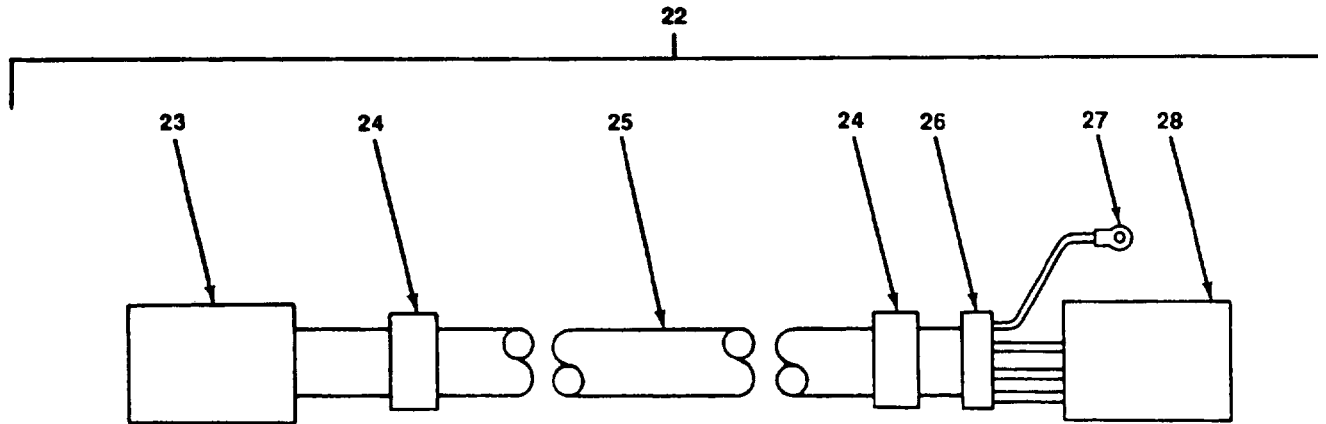


7 FT 5 IN  
(W8)

Figure 5. Cable Assemblies W7 through W12 (Sheet 1 of 3).



6 FT 9 IN  
(W9)



9 FT  
(W10)

Figure 5. Cable Assemblies W7 through W12 (Sheet 2 of 3).

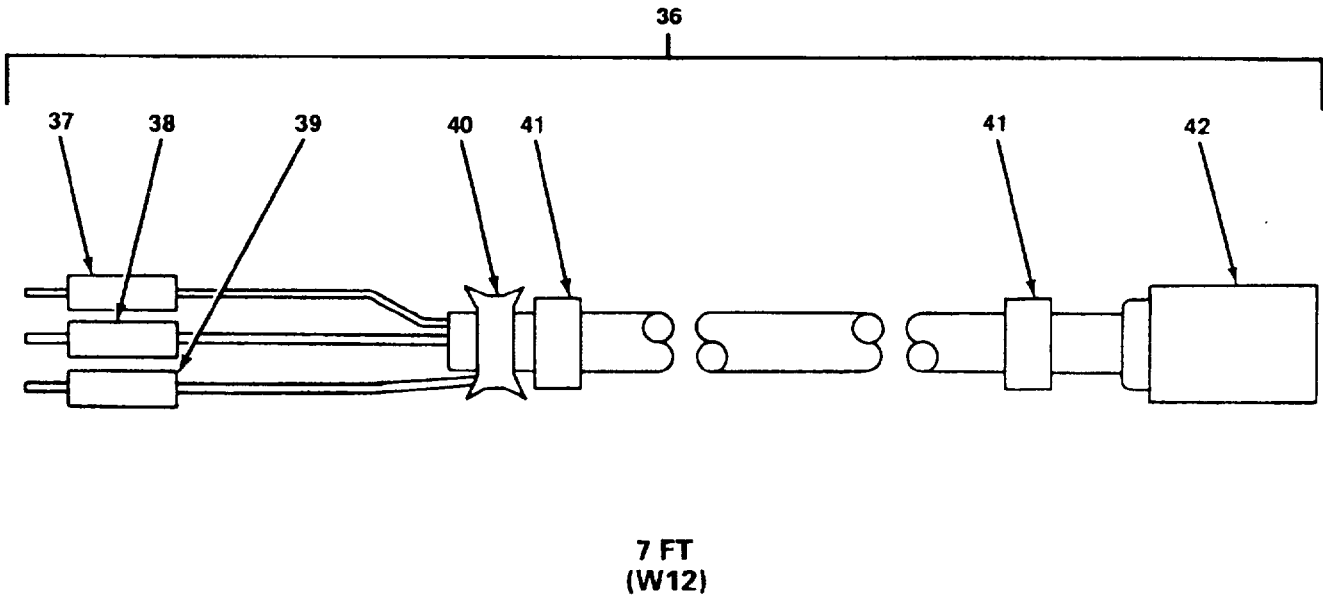
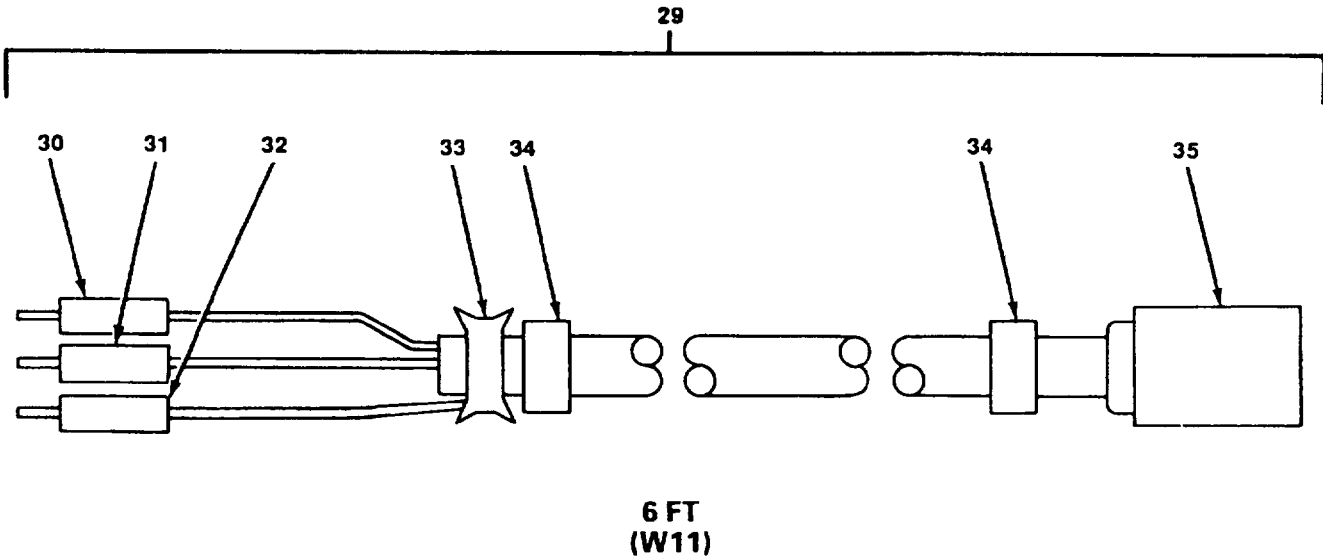


Figure 5. Cable Assemblies W7 through W12 (Sheet 3 of 3).

## SECTION II

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 16 CABLE ASSEMBLIES W7 THROUGH W12					
FIGURE 5					
1	PAOFF	80058	CX-10513/G(9FT6I N)	CABLE ASSEMBLY	1
8	PAOFF	80058	CX-10513/G(7FT6I N)	CABLE ASSEMBLY	1
15	PAOFF	80058	CX-10514/G(6FT9I N)	CABLE ASSEMBLY, SPEC	1
22	PAOFF	80058	CX-10514/G(9FT)	CABLE ASSEMBLY, SPEC	1
29	PAOFF	80058	CX-10515/G(6FT)	CABLE ASSEMBLY, SPEC	1
36	PAOFF	80058	CX-10515/G10FT	CABLE ASSEMBLY, SPEC	1

END OF FIGURE



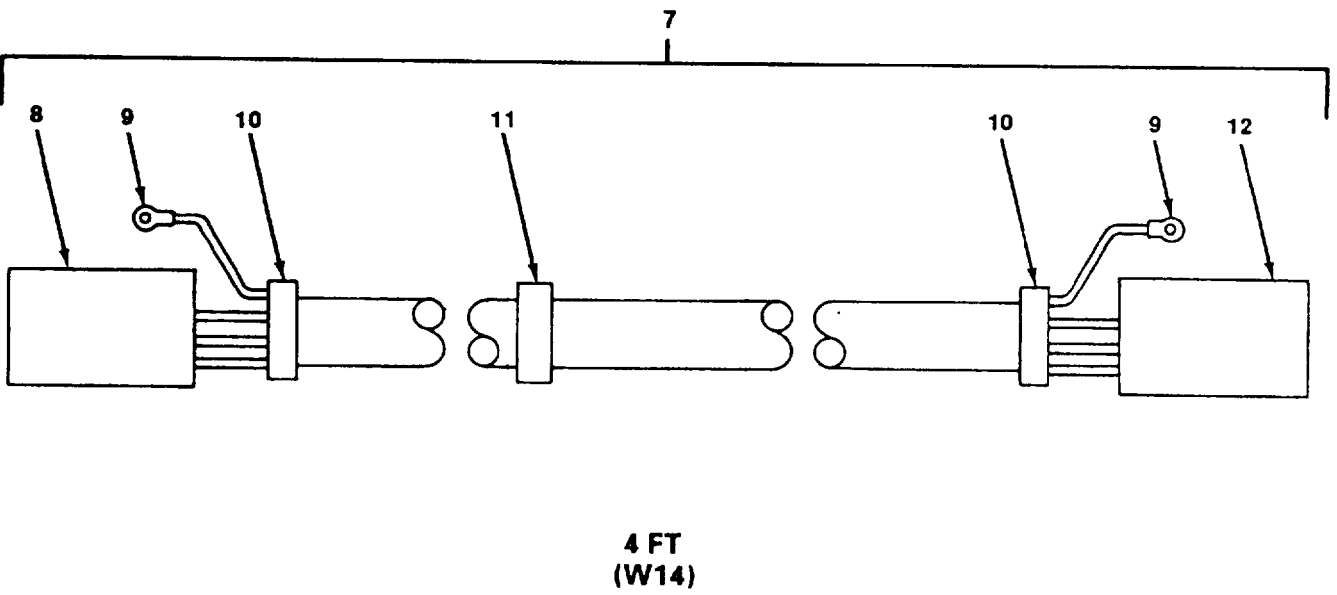
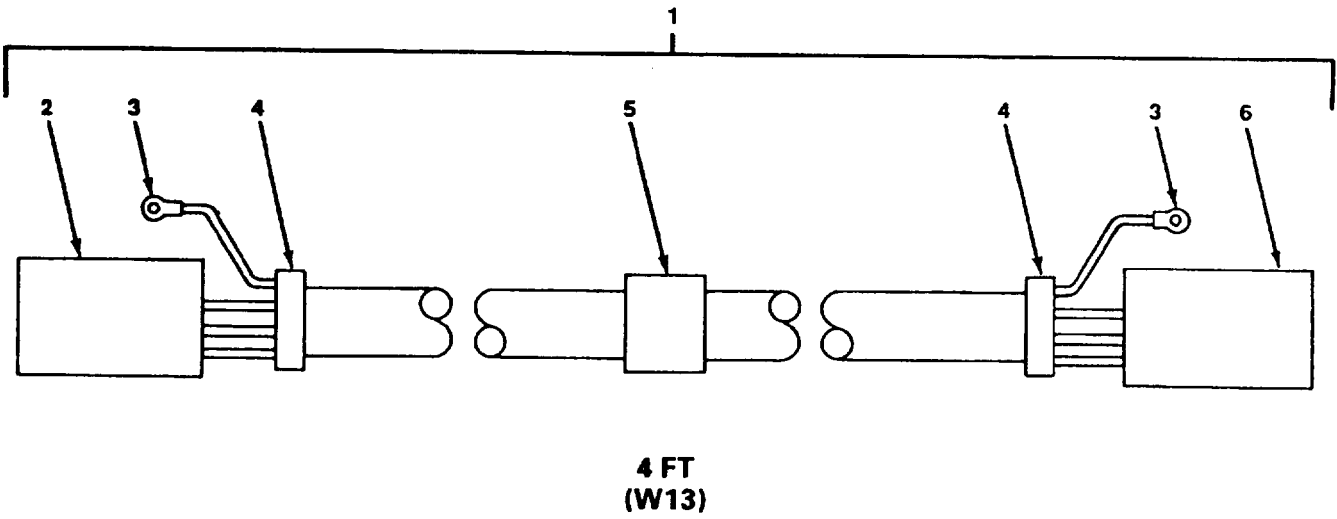


Figure 6. Cable Assemblies A1W, W13, W14, W15, W17, W18 and W24 (Sheet 1 of 3).

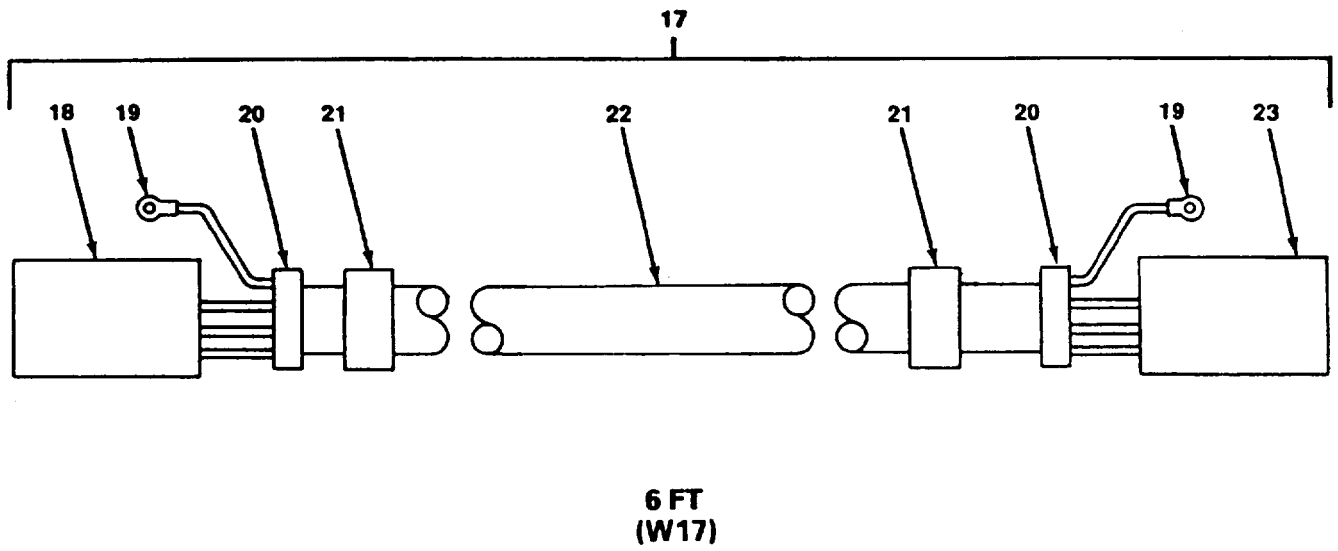
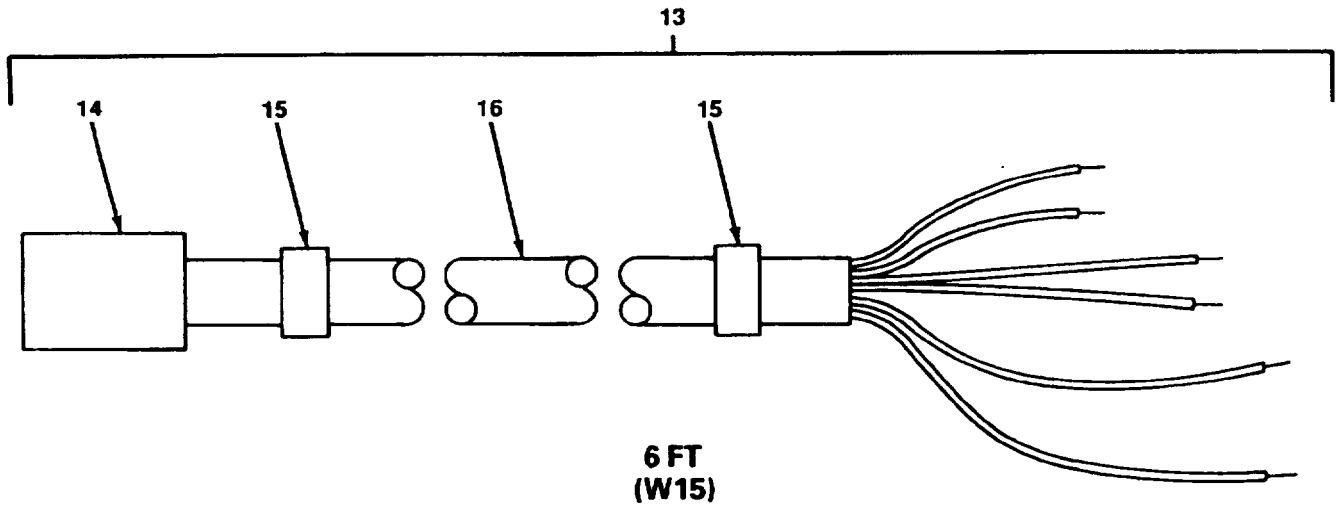
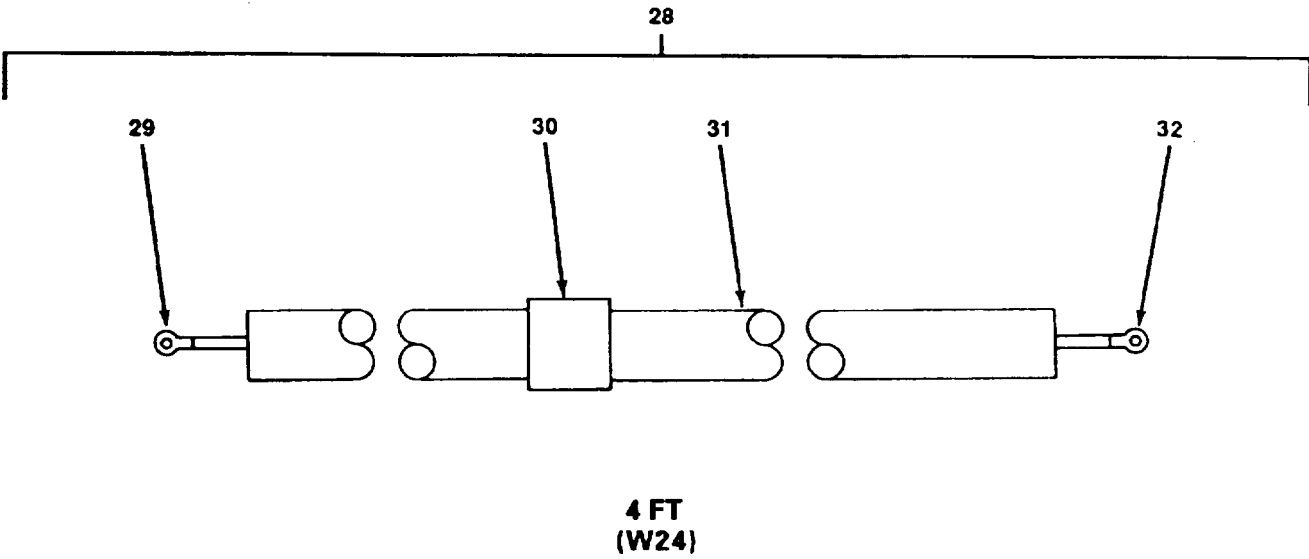
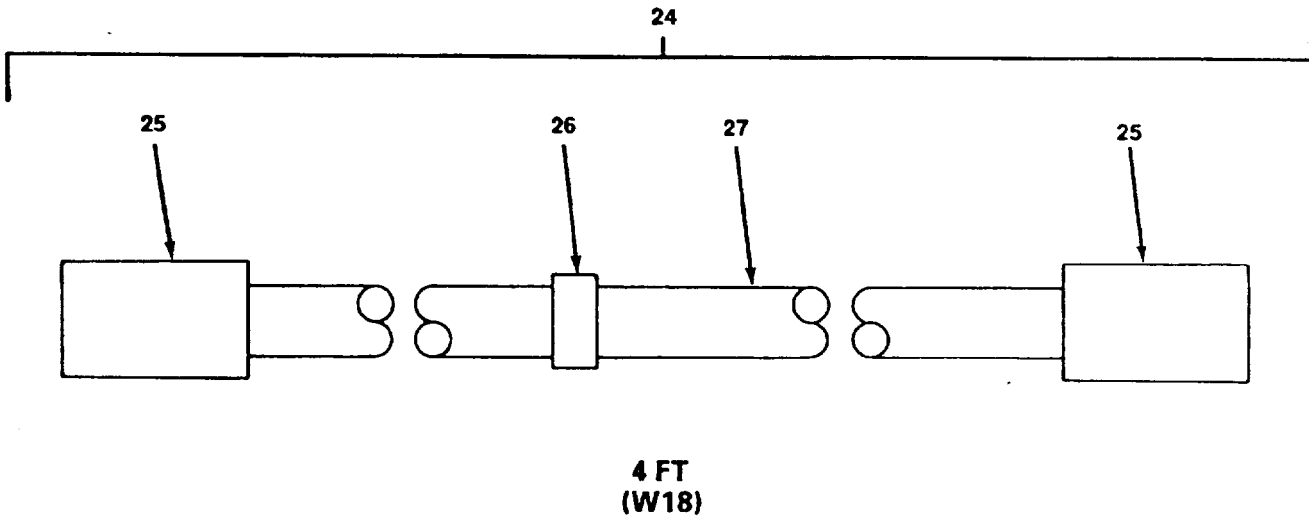


Figure 6. Cable Assemblies A1W, W13, W14, W15, W17, W18 and W24 (Sheet 2 of 3).



CE2DG018

Figure 6. Cable Assemblies A1W, W13, W14, W15, W17, W18 and W24 (Sheet 3 of 3).

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 16 CABLE ASSEMBLIES A1W, W13 W14, W15 W17, W18 AND W24					
FIGURE 6					
1	PAOFF	80058	CX-10516/G(4FT)	CABLE ASSEMBLY,SPEC	1
7	PAOFF	80058	CX-10517/G(4FT)	CABLE ASSEMBLY,SPEC	1
13	PAOFF	80058	CX-10518/G(6FT)	CABLE ASSEMBLY,SPEC	1
17	PAOFF	80058	CX-10519/G(6FT)	CABLE ASSEMBLY,SPEC	1
24	PAOFF	80058	CX-10520/G(4FT)	CABLE ASSEMBLY,SPEC	1
28	PAOFF	80058	CX-10531/G(4FT5I N)	CABLE ASSEMBLY,POWE	1

END OF FIGURE

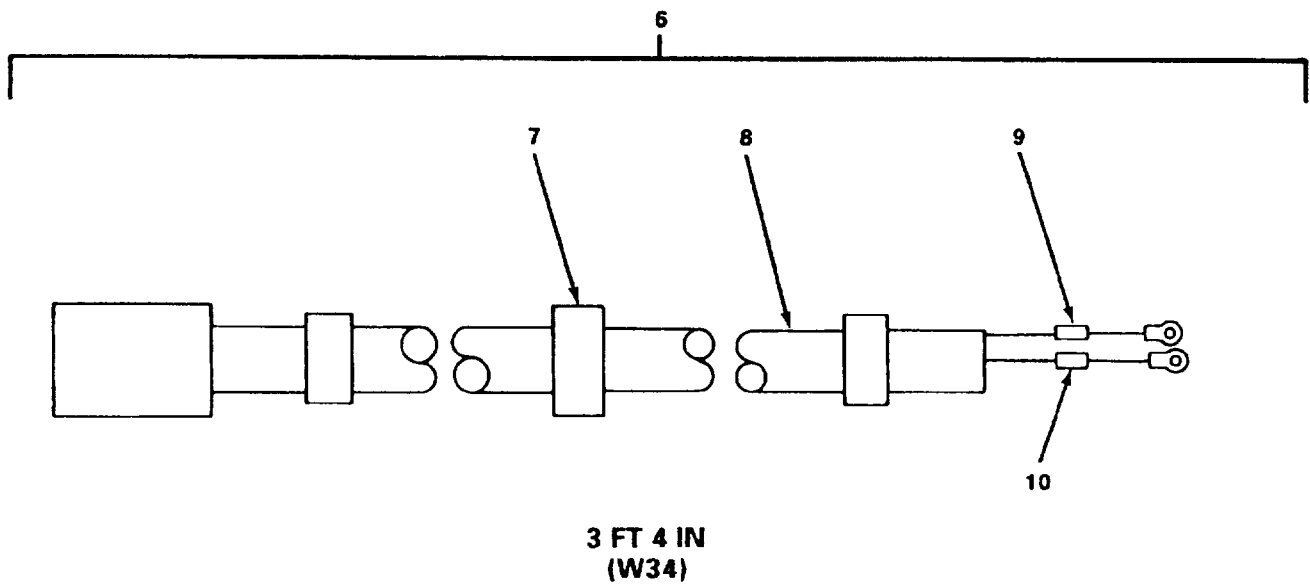
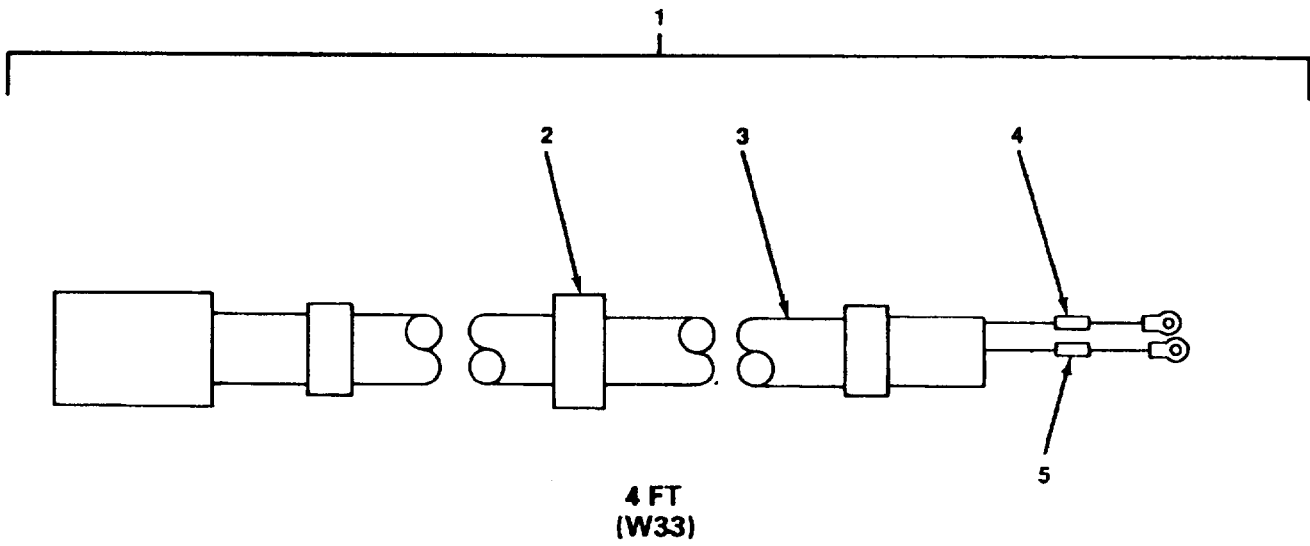


Figure 7. Cable Assemblies W33, W34, W39, W40 and W41 (Sheet 1 of 3).

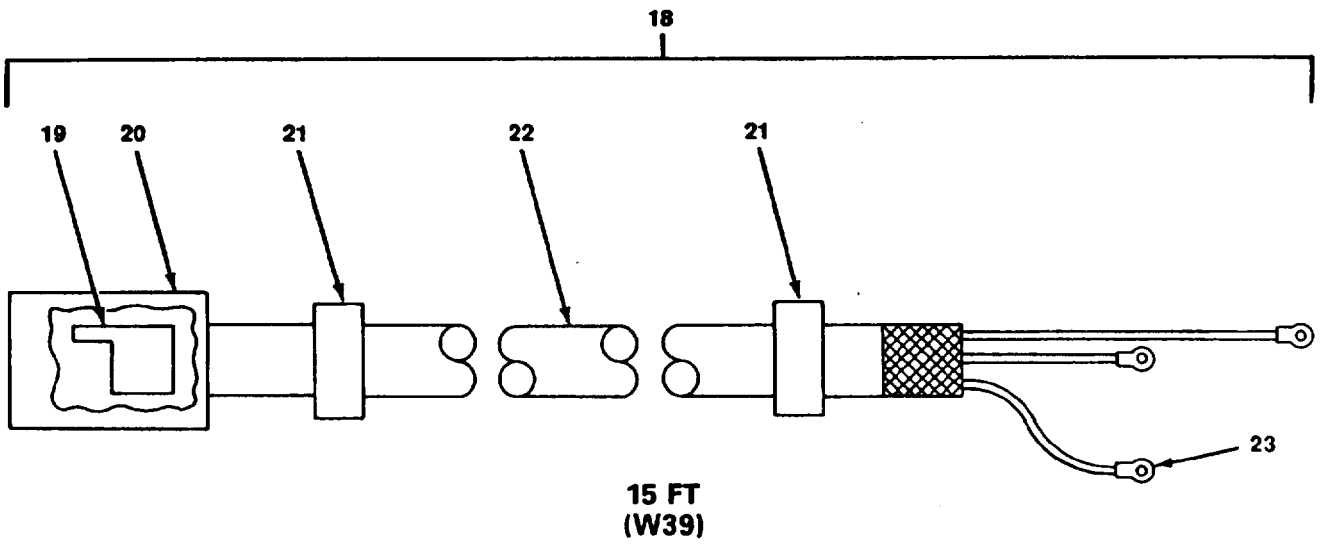
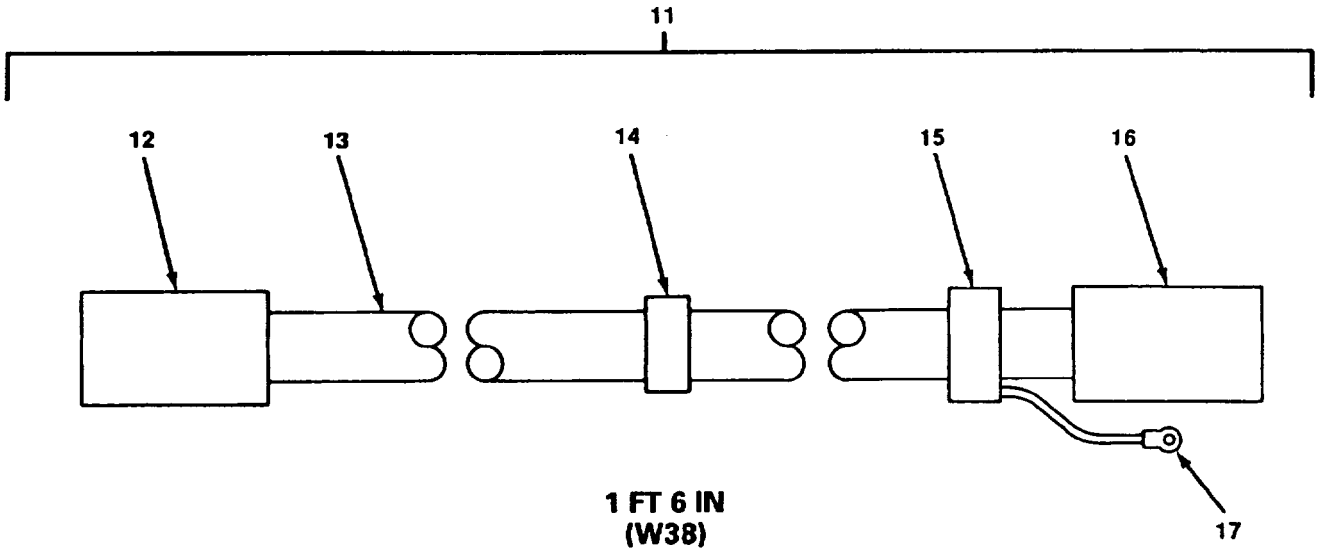
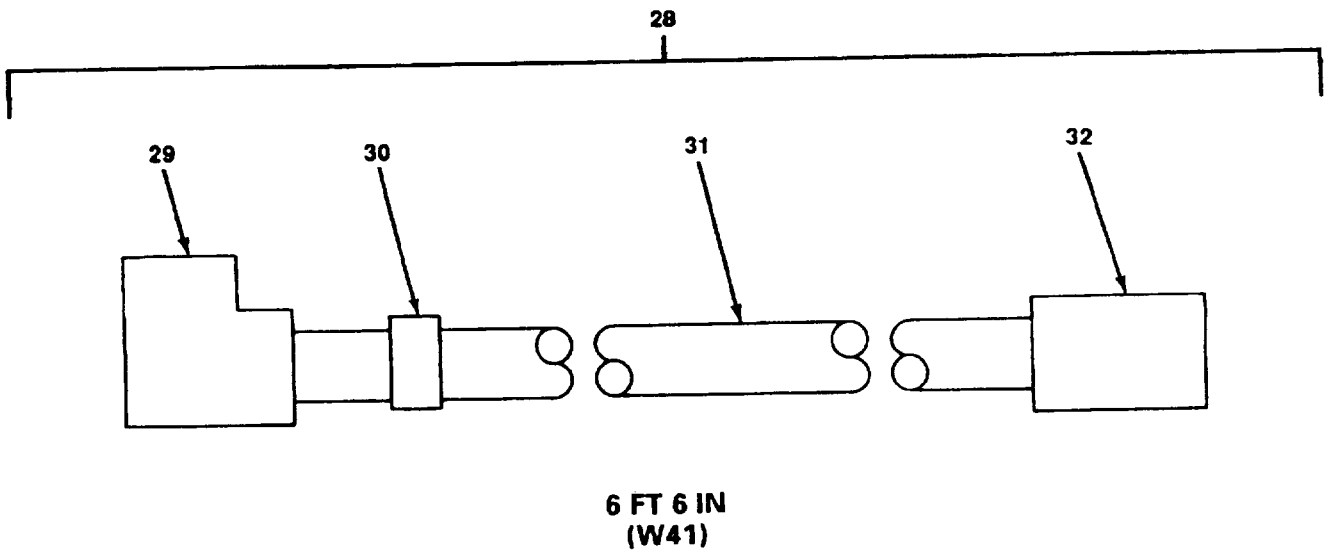
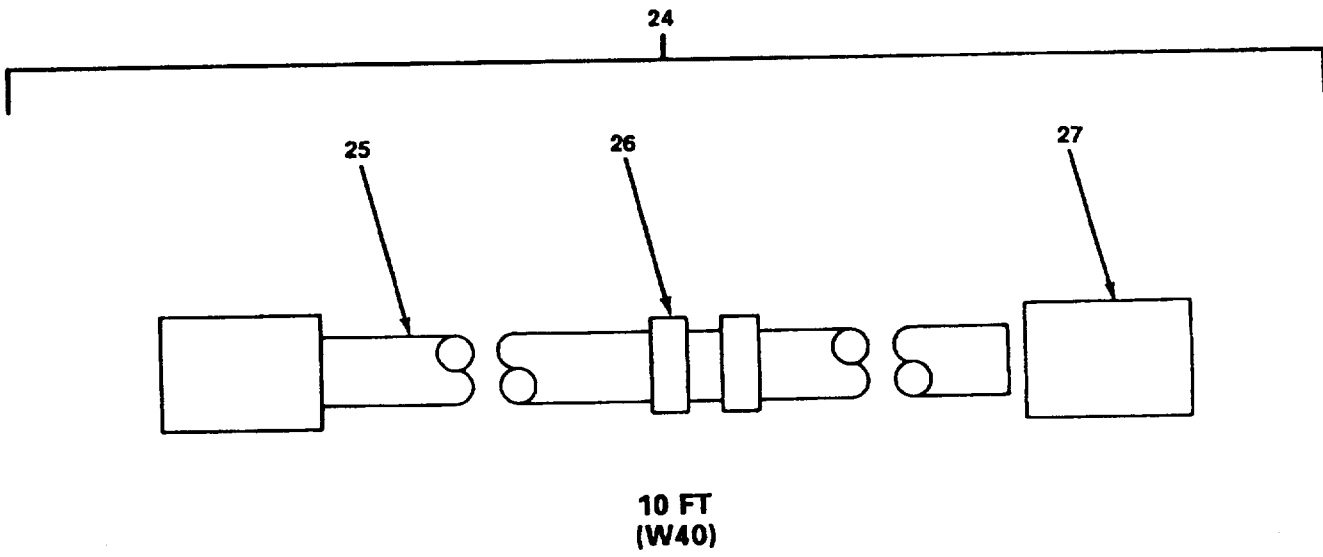


Figure 7. Cable Assemblies W33, W34, W39, W40 and W41 (Sheet 2 of 3).



CE2DG021

Figure 7. Cable Assemblies W33, W34, W39, W40 and W41 (Sheet 3 of 3).

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W33, W34 W39, W40 AND W41	
				FIGURE 7	
1	PAOFF	80058	CX-10527/G(4FT)	CABLE ASSEMBLY,POWE	1
6	PAOFF	80063	SM-C-613156	CABLE ASSEMBLY	1
11	PAOFF	80058	CG-3366/U(1FT6IN )	CABLE ASSEMBLY,RADI	1
18	PAOFF	80058	CX-10463/GRC-142 (15FT)	CABLE ASSEMBLY,POWE	15
24	PAOFF	80063	SM-C-613338	CABLE ASSEMBLY	1
28	PAOFF	80058	CG-2568A/U(6FT6I N)	CABLE ASSEMBLY,RADI	1

END OF FIGURE



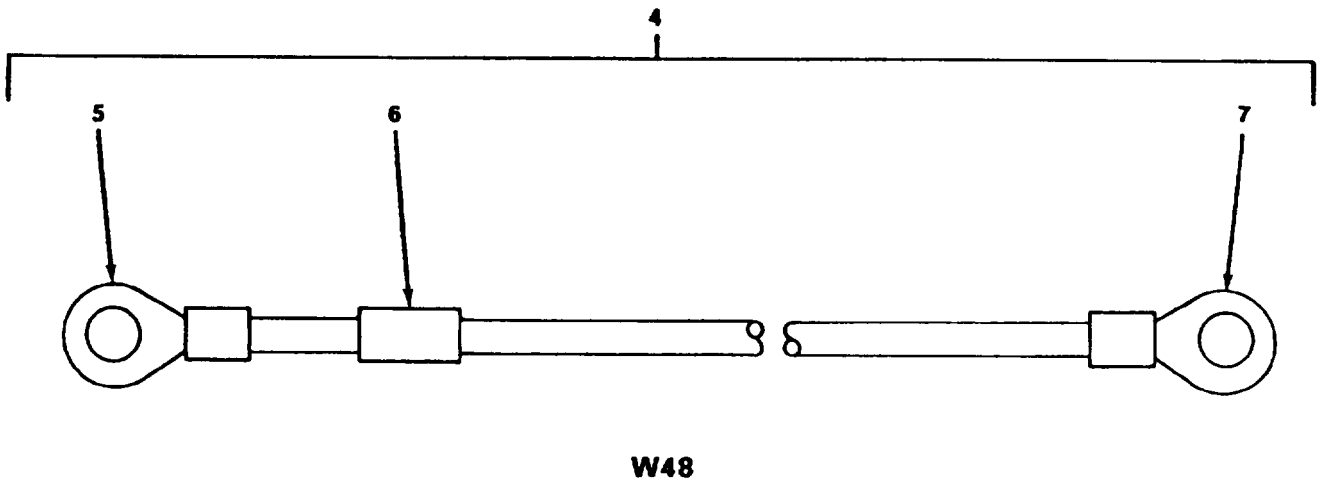
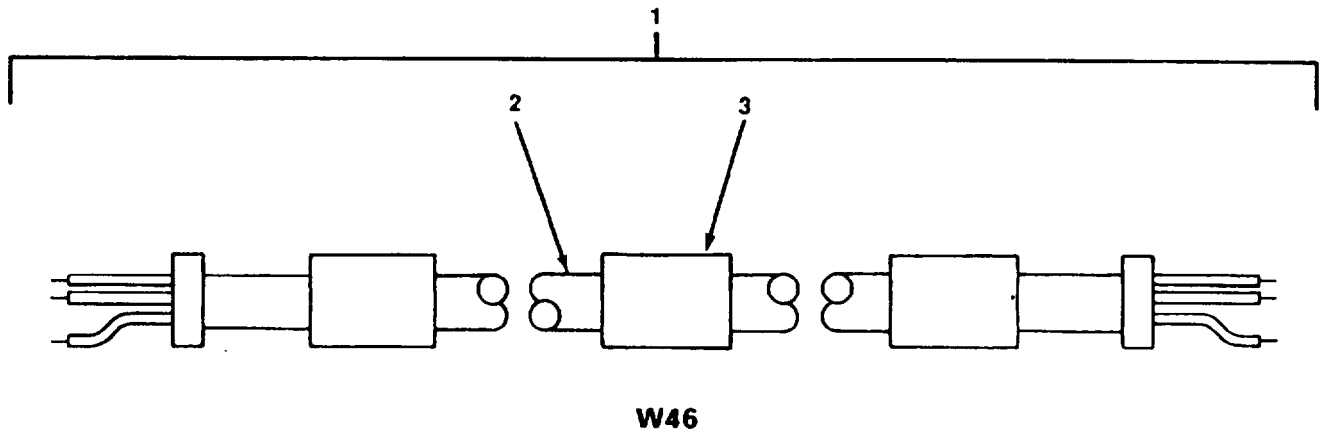
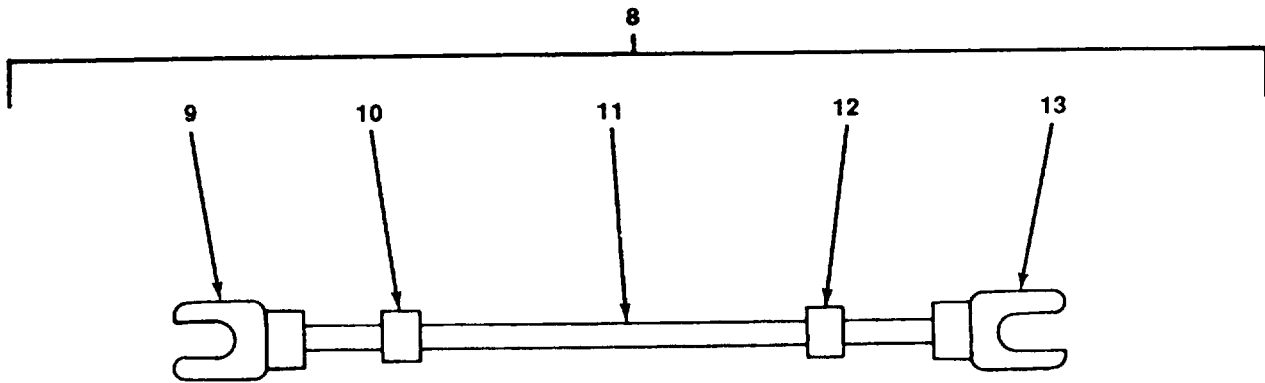
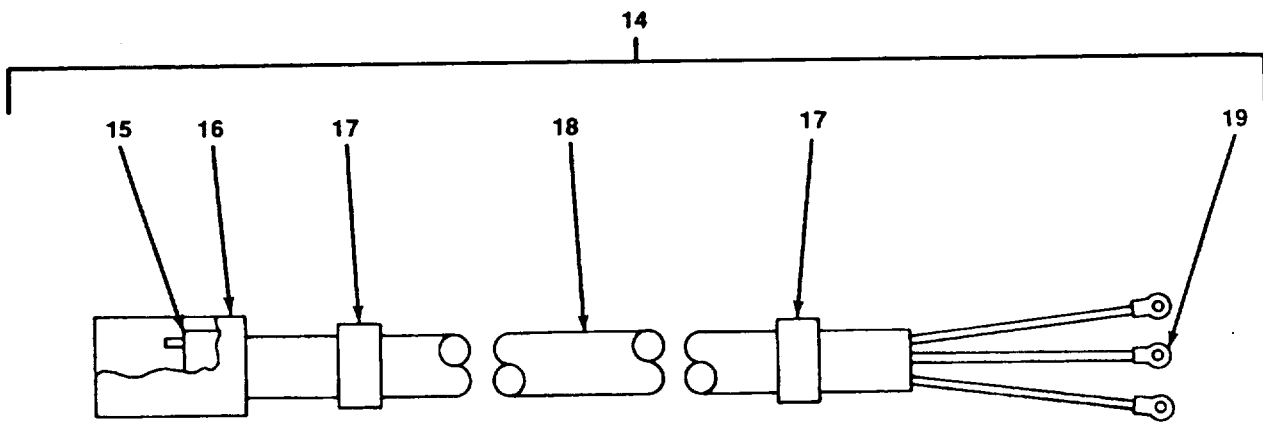


Figure 8. Cable Assemblies W46, W48 through W50 (Sheet 1 of 2).



**W49**



**W50**

Figure 8. Cable Assemblies W46, W48 through W50 (Sheet 2 of 2).

SECTION II

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W46, W48 THROUGH W50	
				FIGURE 8	
1	PAOFF	80063	SM-C-613147	CABLE ASSEMBLY,S	1
4	PAOFF	80063	SM-B-603148	CABLE,JUMPER,W48	1
8	PAOFF	80063	SM-B-603149	CABLE,GROUND	1
14	PAOFF	80058	CX-10951/G(50FT)	CABLE ASSEMBLY,POWE	1
				END OF FIGURE	

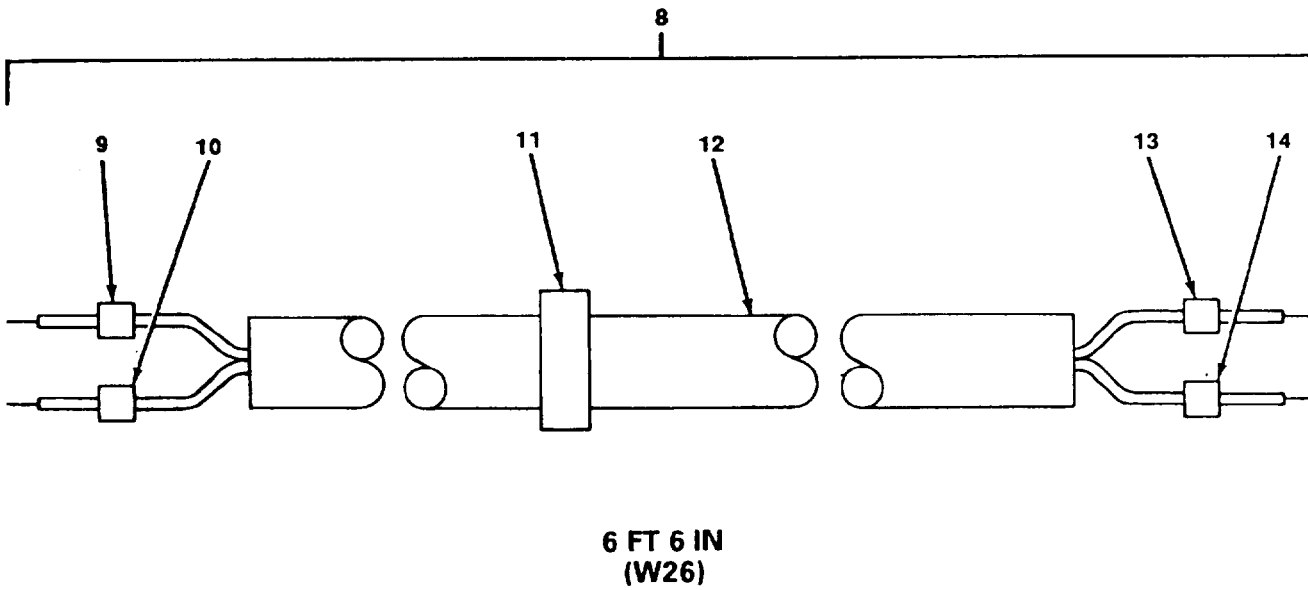
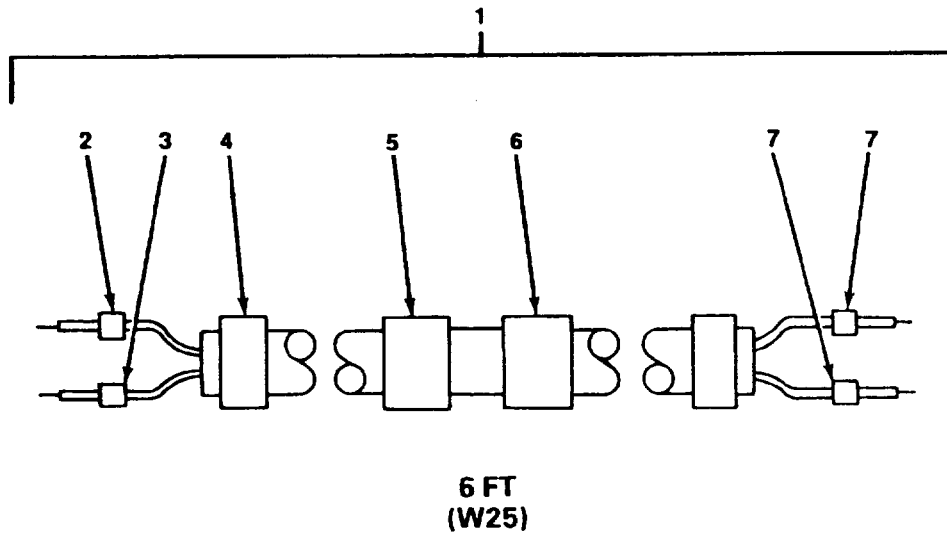


Figure 9. Cable Assemblies W25, W26, W28, W30 through W32 (Sheet 1 of 3).

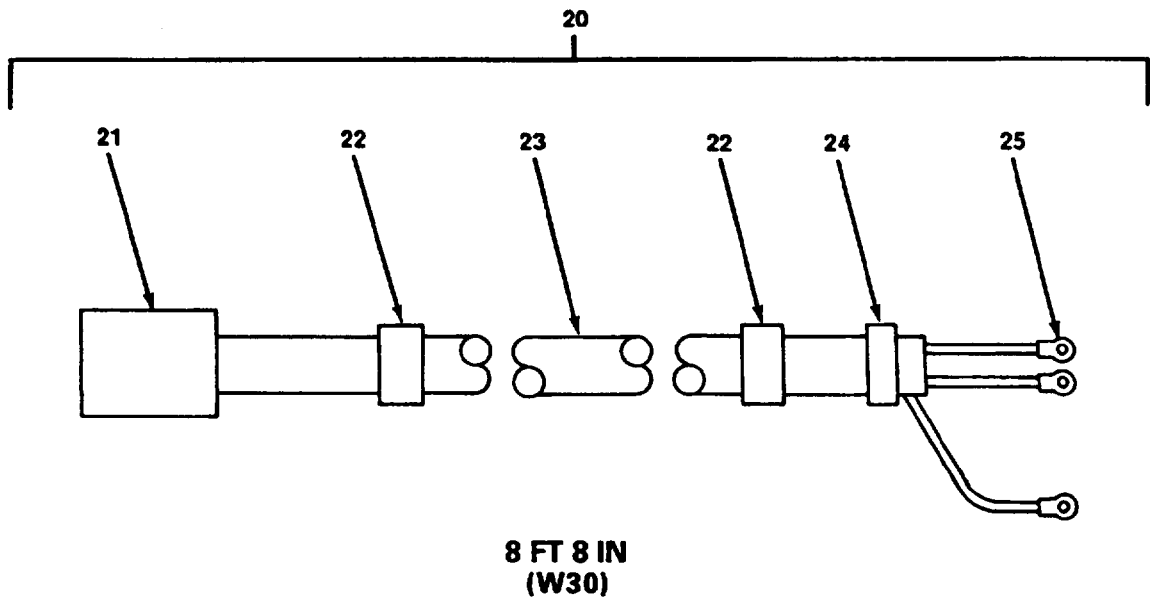
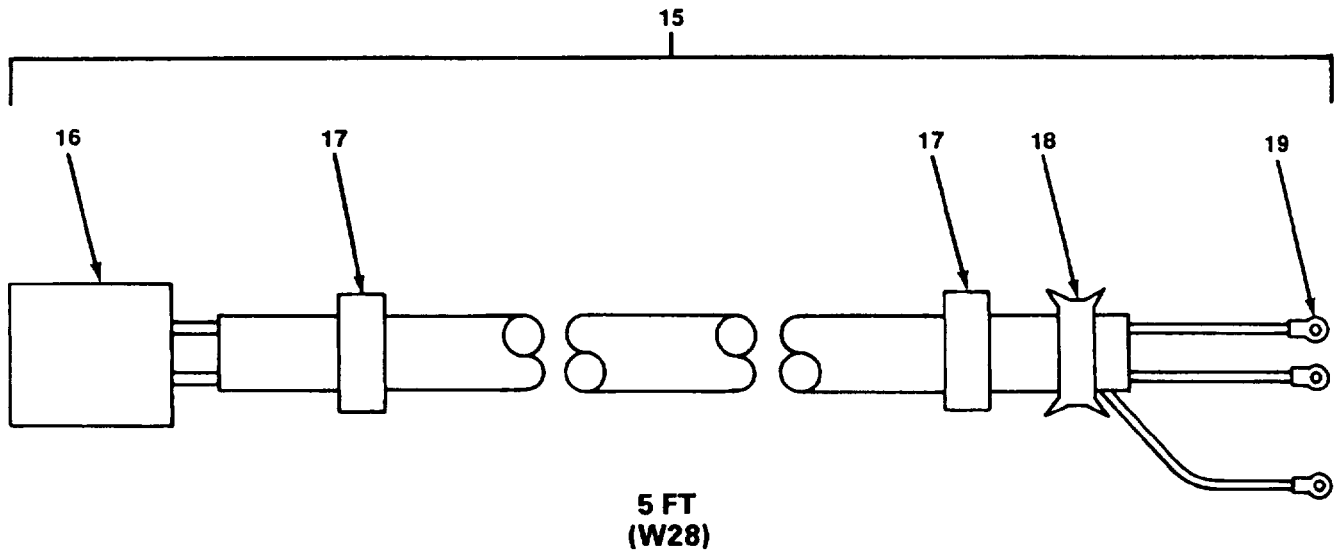


Figure 9. Cable Assemblies W25,W26,W28,W30throughW32(Sheet 2 Of 3).

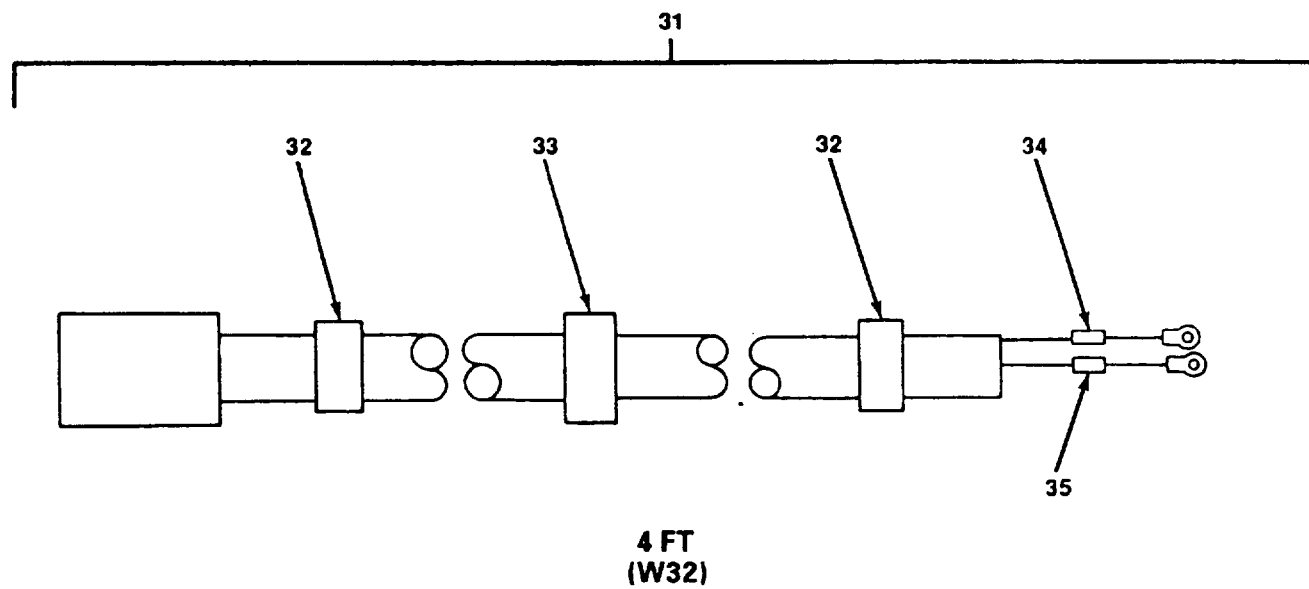
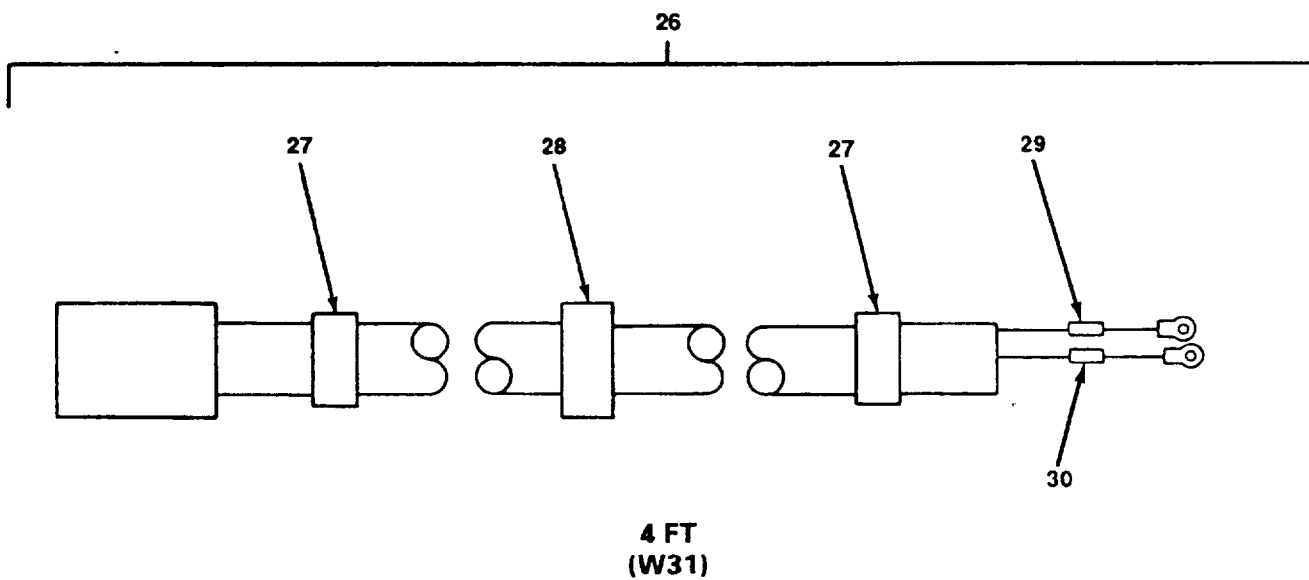


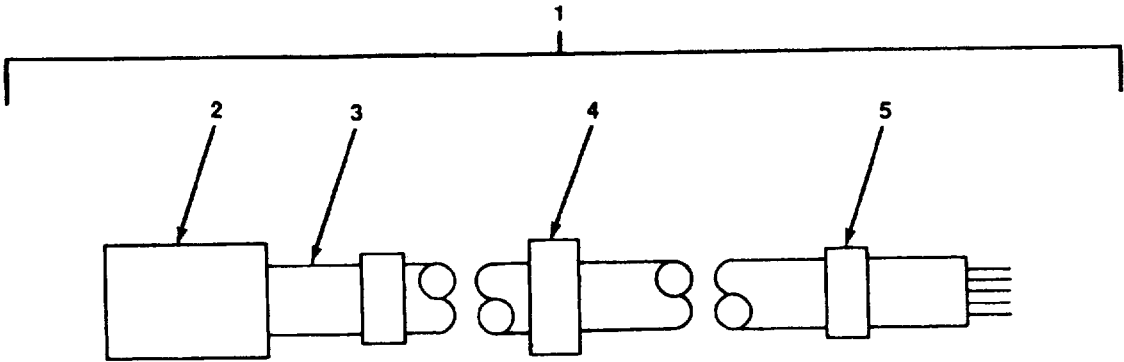
Figure 9. Cable Assemblies W25,W26,W28,W30throughW32(Sheet3 Of 3).

## SECTION II

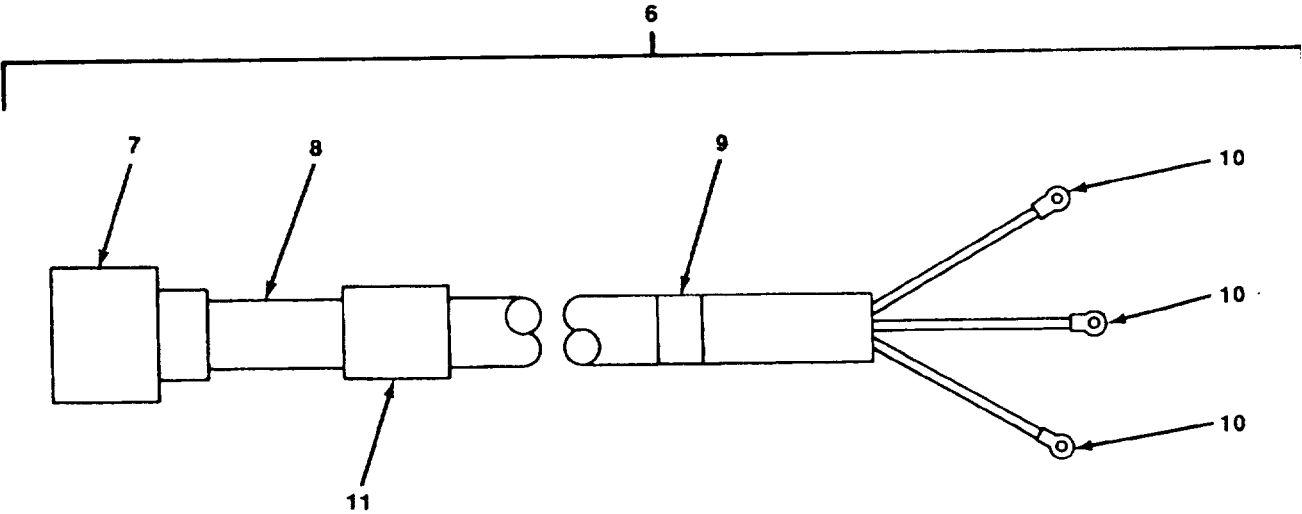
TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W25, W26, W28, W30 THROUGH W32	
				FIGURE 9	
1	PAOZZ	80058	CX-10523/G(6FT)	CABLE ASSEMBLY,SPEC	1
5	PAOFF	80063	SM-C-603125	CABLE,SPECIAL PURPO	1
8	PAOFF	80058	CX-10523/G(6FT6I N)	CABLE ASSEMBLY,SPEC	1
15	PAOFF	80058	CX10524G6FT	CABLE ASSEMBLY,SPEC	1
20	PAOFF	80063	SM-C-613349	CABLE ASSEMBLY	1
26	PAOFF	80063	SM-C-613336	CABLE ASSEMBLY	1
31	PAOFF	80063	SM-C-613337	CABLE ASSEMBLY	1
33	PAOZZ	80058	CX-10526/G(4FT6I N)	CABLE,SPECIAL PURPO	1

END OF FIGURE



5 FT 8 IN (W58)



5 FT (W68)

Figure 10. Cable Assemblies W58, W68, W69, W70 and W51 (Sheet 1 of 3).



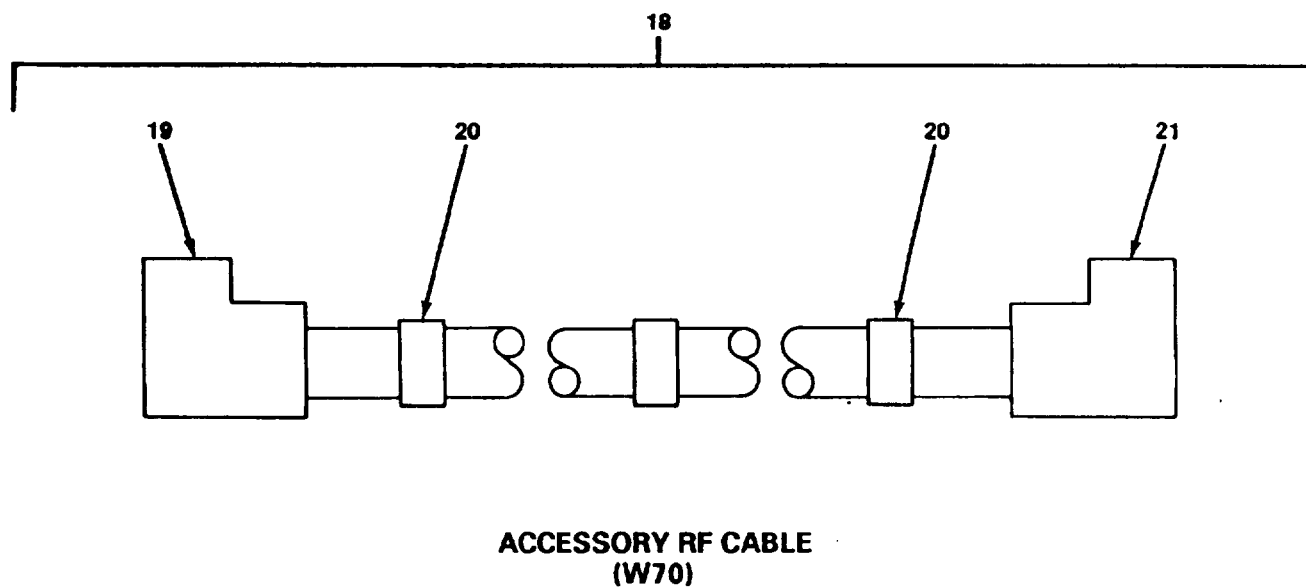
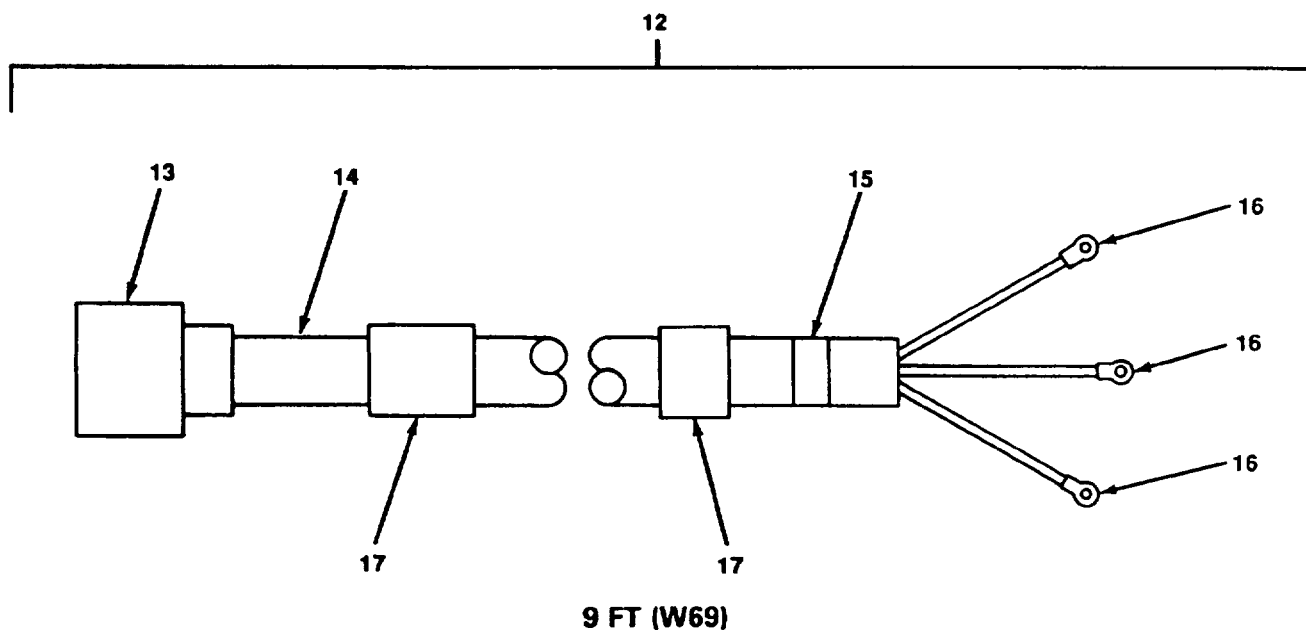
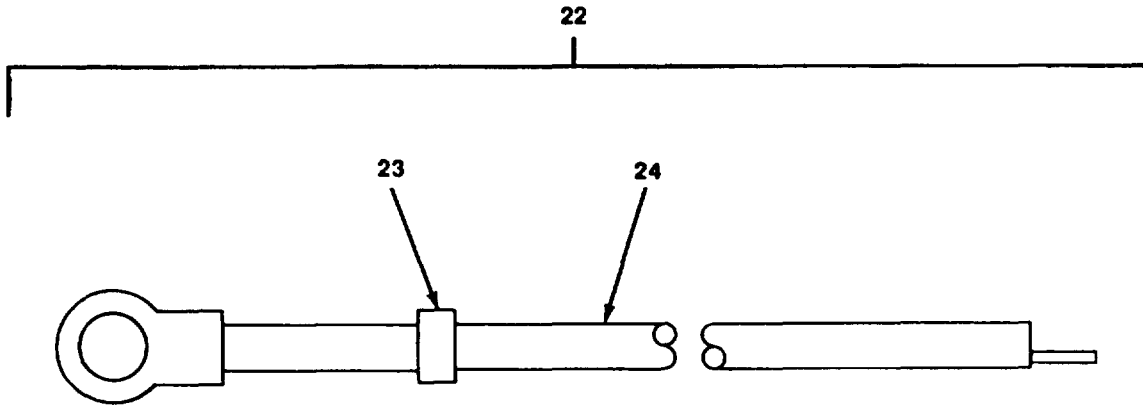


Figure 10. Cable Assemblies W58, W68, W69, W70 and W51 (Sheet 20f3).



**LEAD, ELECTRICAL  
(W51)**

## SECTION II

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W58, W68 W69, W70 AND W51	
				FIGURE 10	
1	PAOFF	80063	SM-C-613155	CABLE ASSEMBLY,S	1
6	PAOFF	80063	SM-C-613165	CABLE ASSEMBLY,SPEC	1
12	PAOFF	80063	SM-C-613166	CABLE ASSEMBLY,SPEC	1
18	PAOFF	80063	SM-C-613152	CABLE ASSEMBLY,RADI	1
22	PAOFF	80063	SM-C-613236	CABLE ASSEMBLY,S	1
				END OF FIGURE	

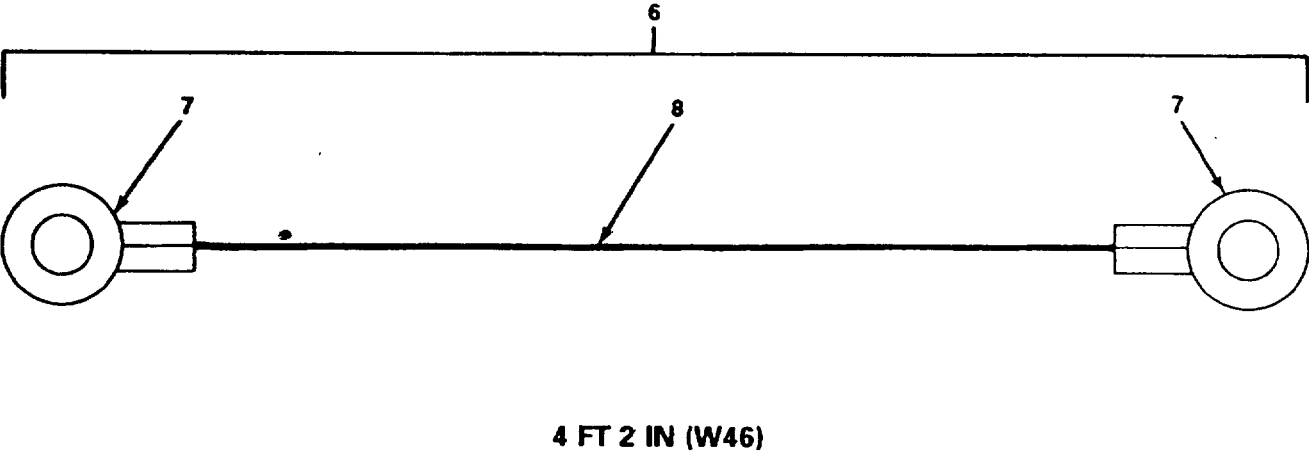
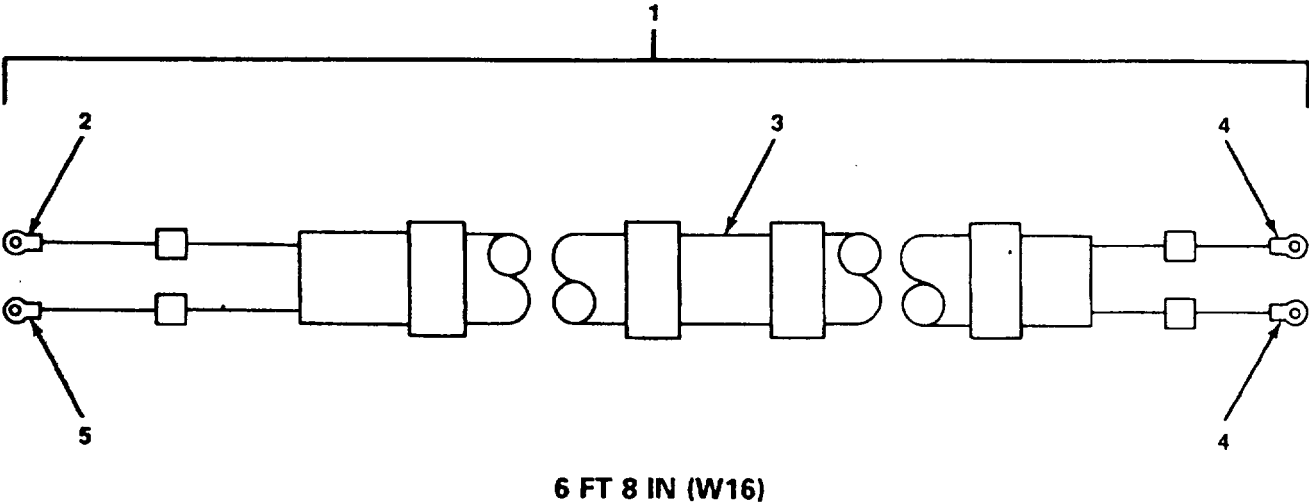
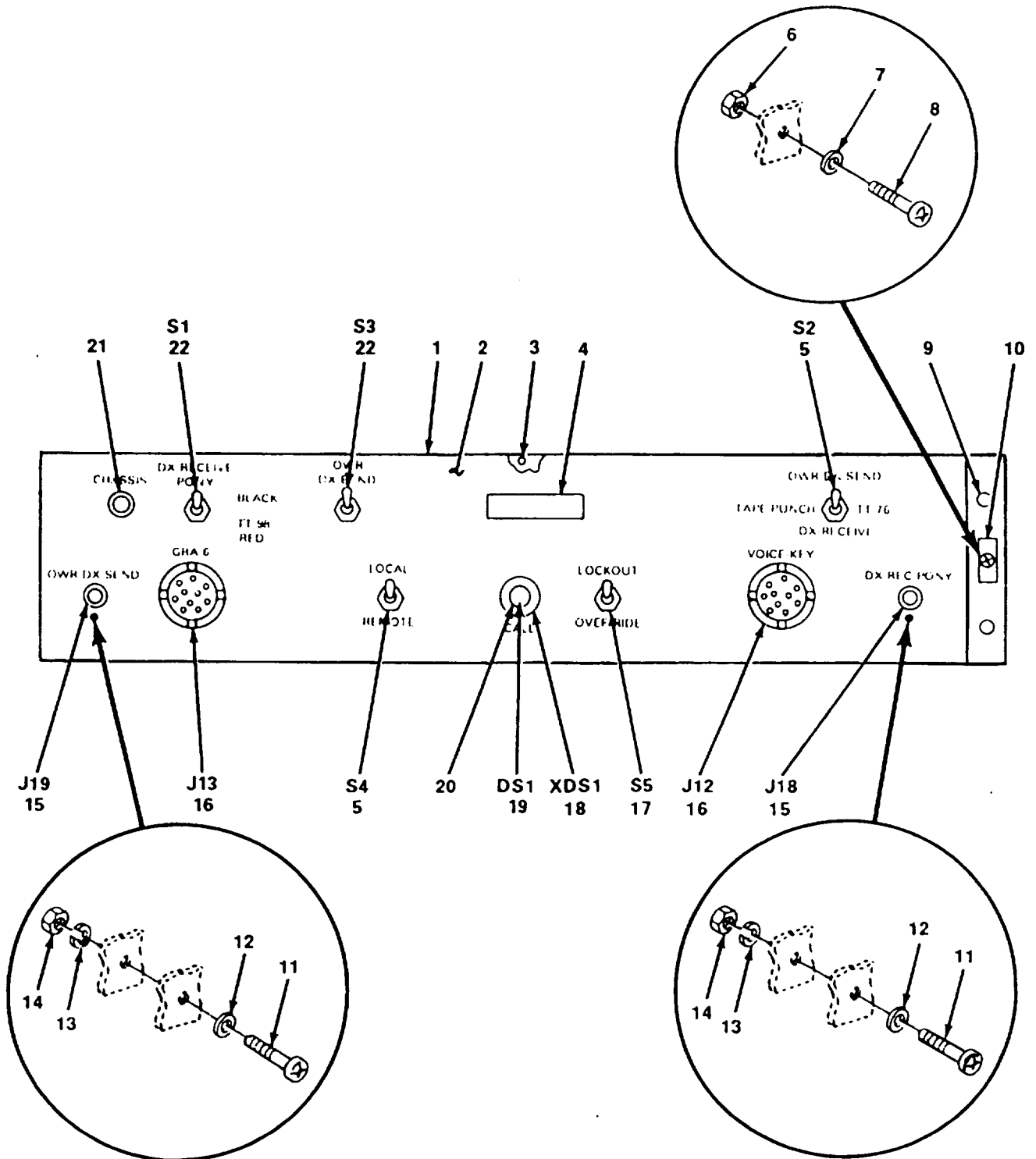


Figure 11. Cable Assemblies W16, W46.

## SECTION II

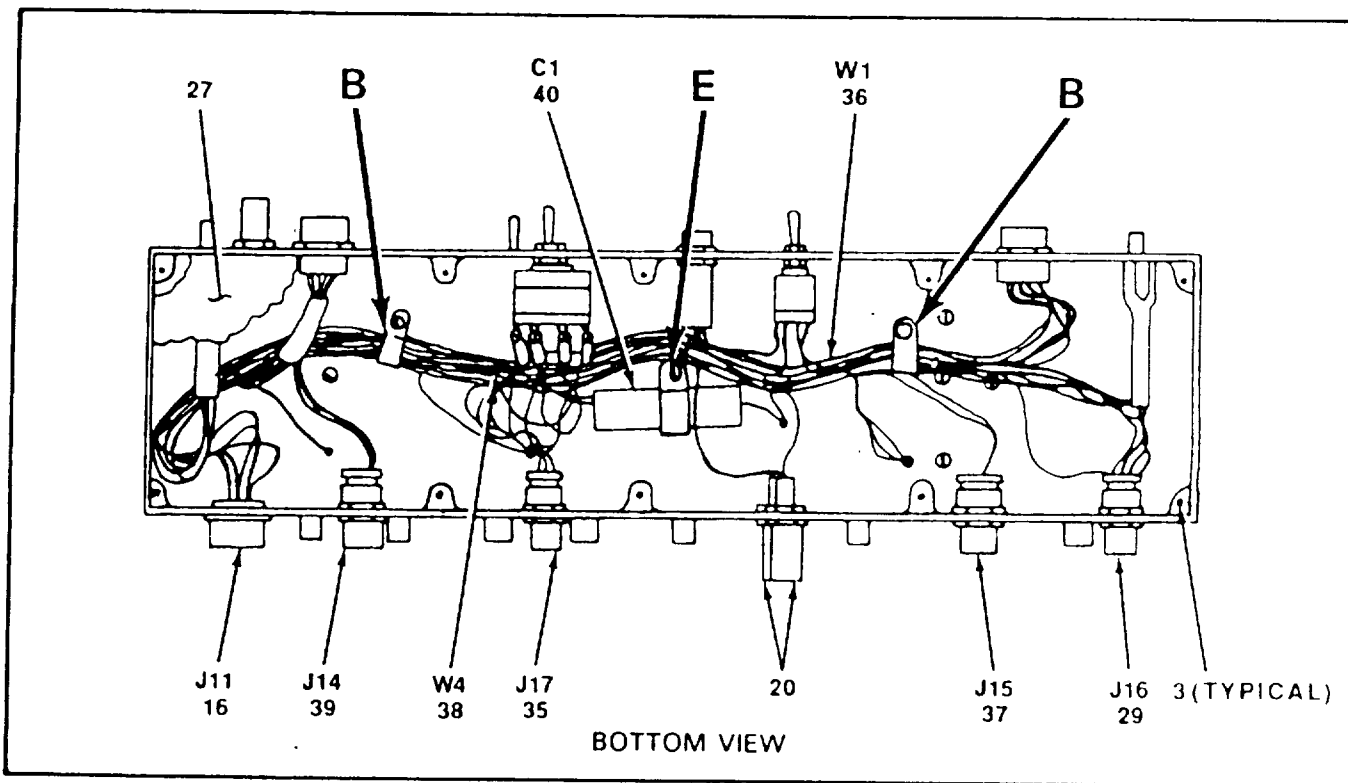
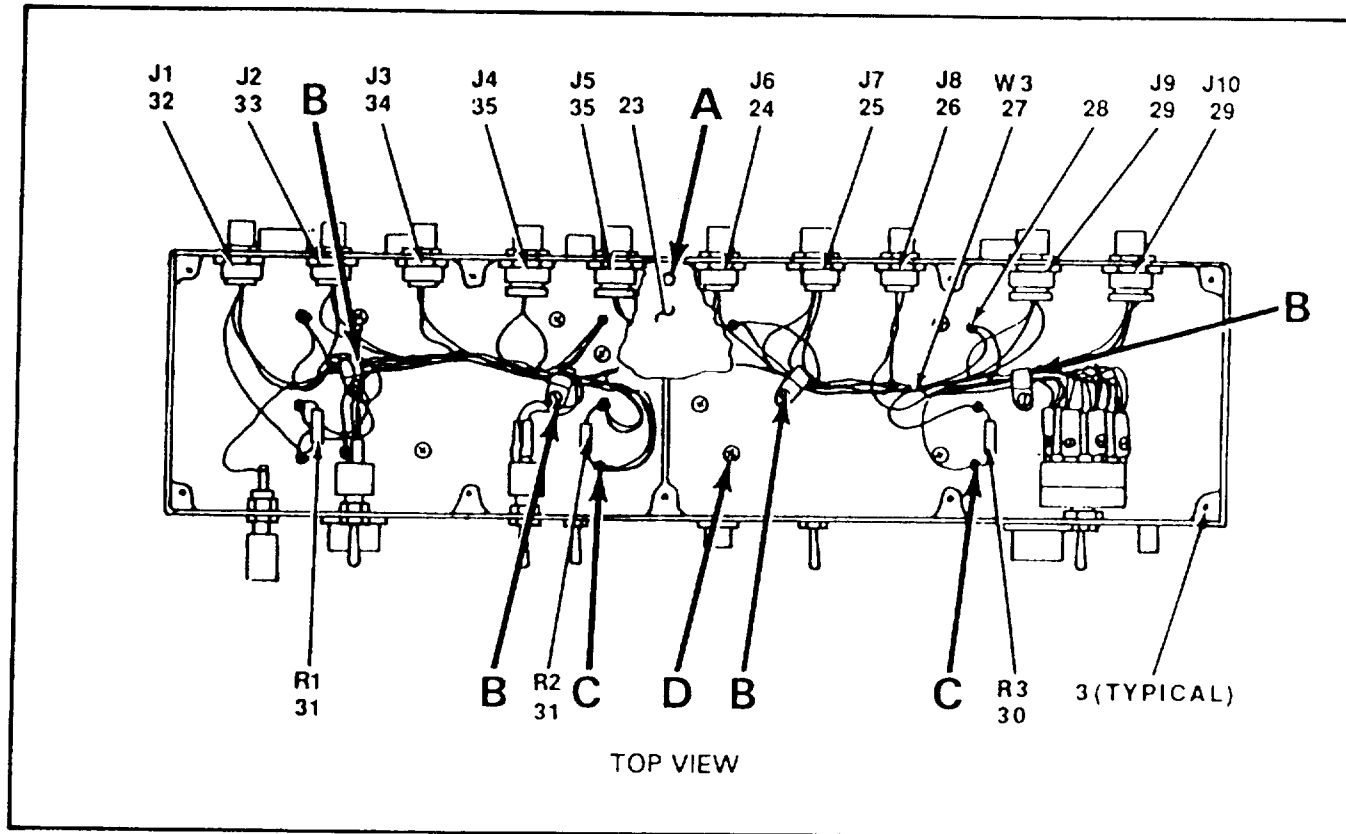
TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 16 CABLE ASSEMBLIES W16 AND W46	
				FIGURE 11	
1	PAOFF	80063	SM-B-603738	CABLE ASSEMBLY,SPEC	3
6	PAOFF	80063	SM-C-613147	CABLE ASSEMBLY,S	1
				END OF FIGURE	



CE2DG034

Figure 13. Switch Assemblies SA-1650 (Sheet 1 of 2).



CE2DG035

Figure 13. Switch Assemblies SA-1650 (Sheet 2 of 2).

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 22 SWITCH ASSEMBLY SA-1650/GRC	
				FIGURE 13	
19	PAOZZ	81349	NE51	LAMP	1
20	PAOZZ	81349	LC14RD3	LENS, LIGHT	1
				END OF FIGURE	



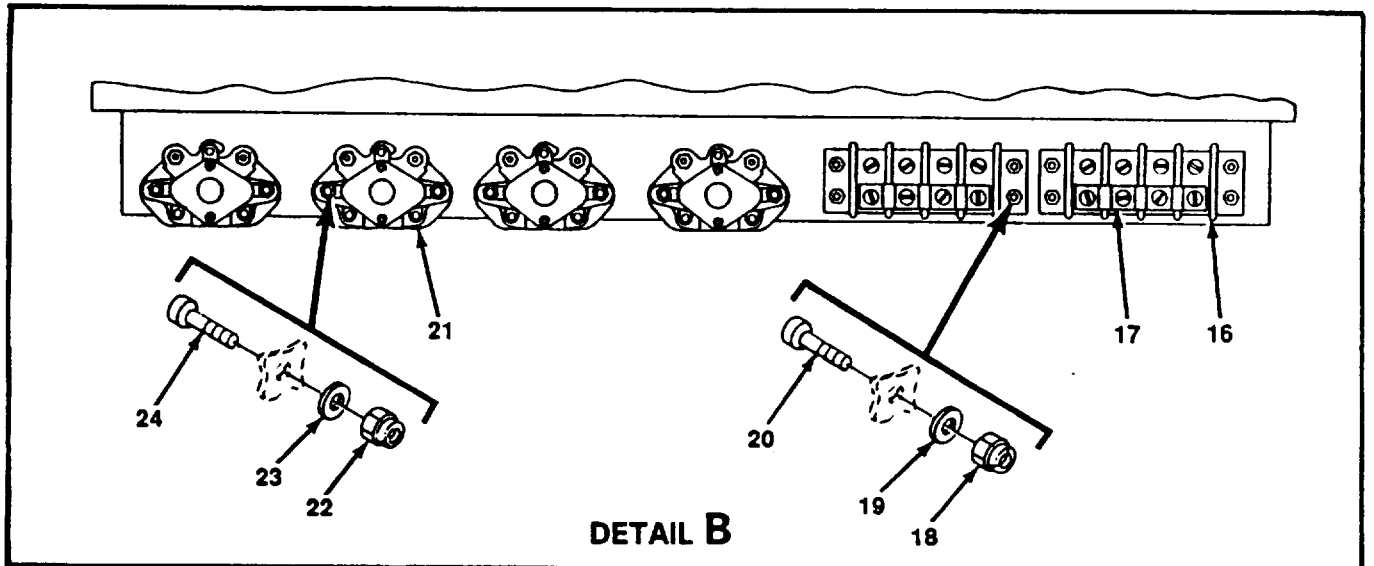
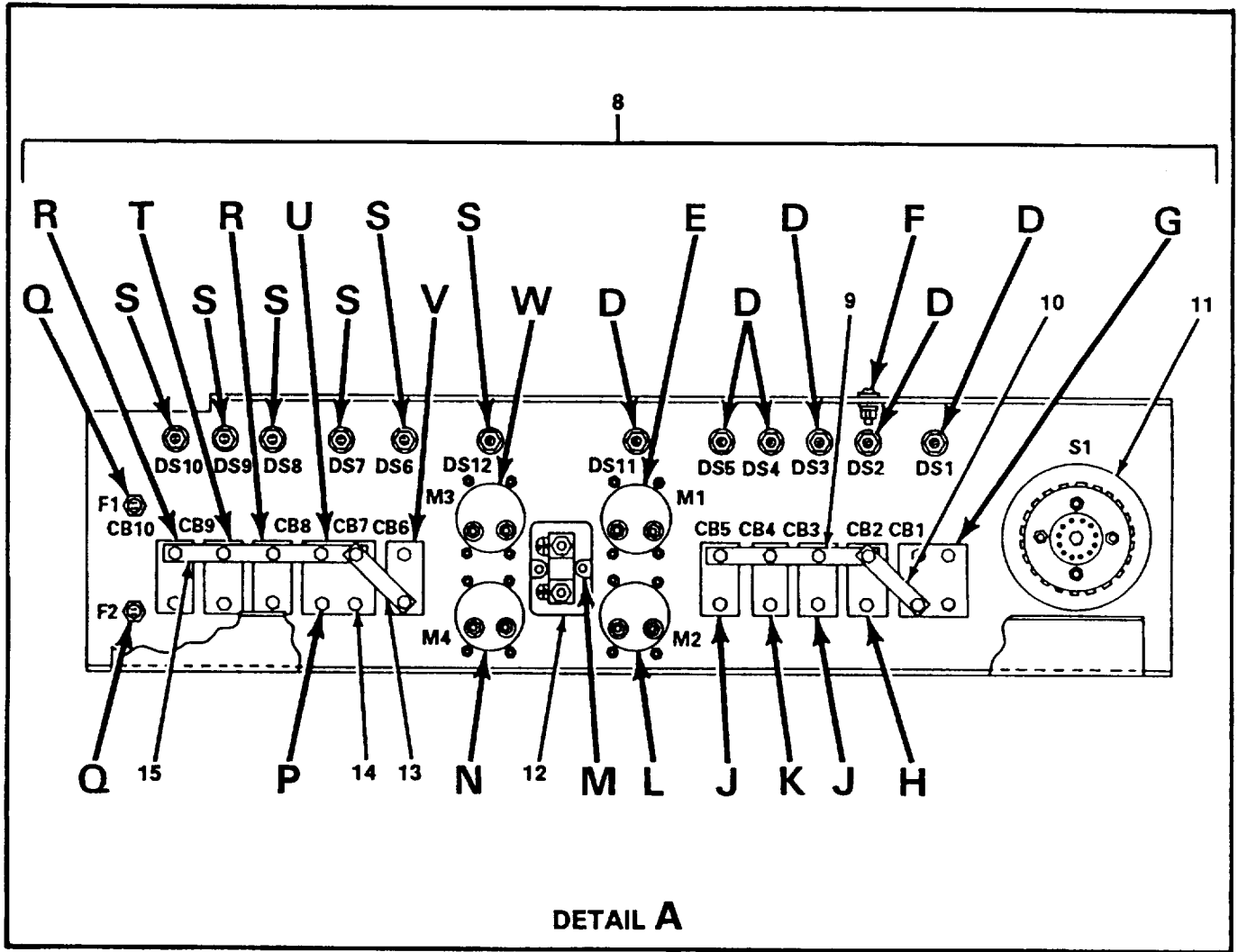
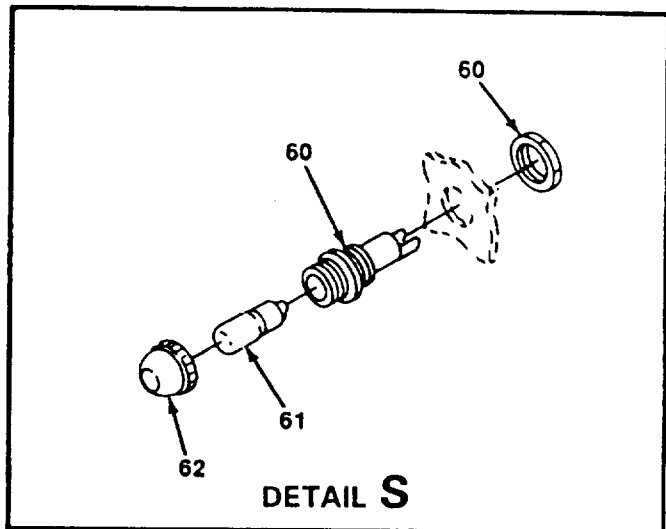
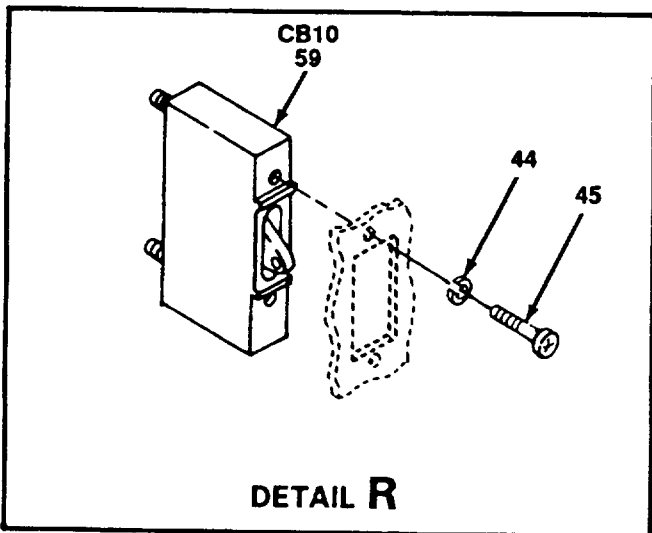
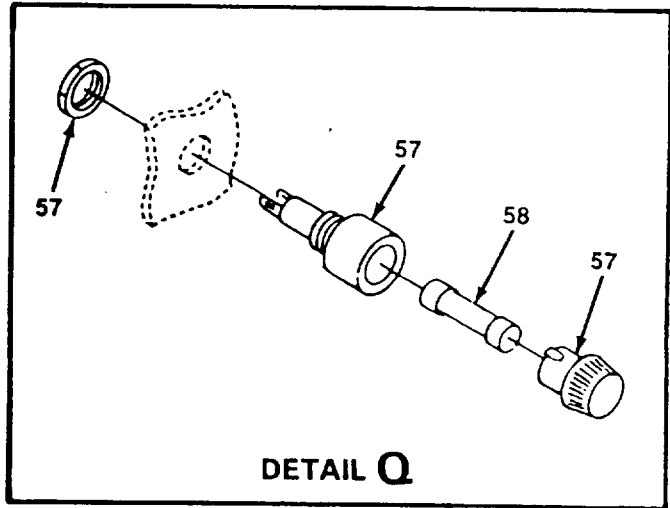
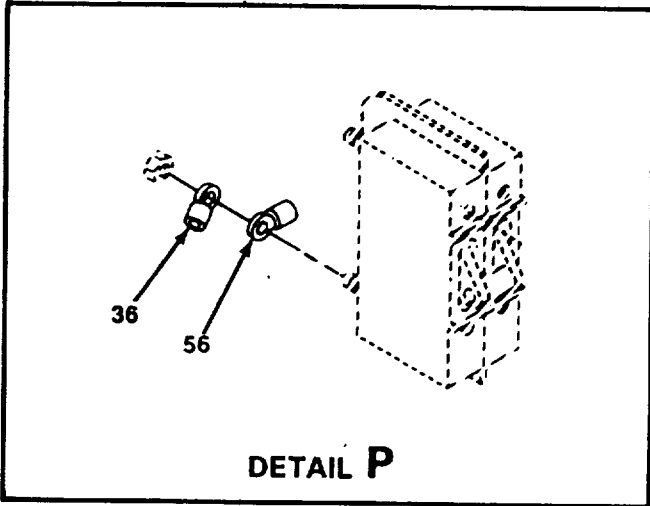
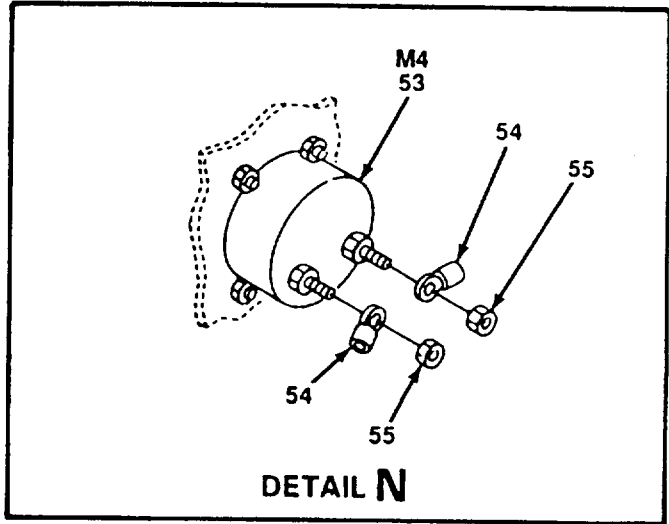
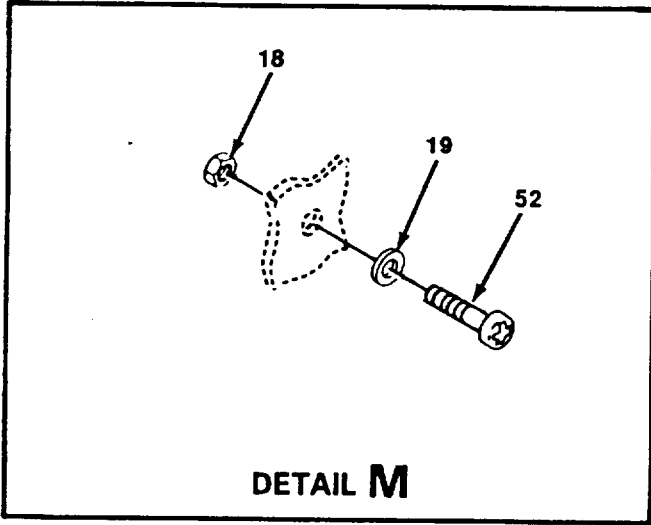


Figure 17. Power Distribution Panel (Sheet 1 of 2).



CE2DG046

Figure 17. Power Distribution Panel (Sheet 2 of 2).

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 29 POWER DISTRIBUTION PANEL SB-4196/GRC	
				FIGURE 17	
58	PAOZZ	81349	F02A250V1.6A	FUSE	2
61	PAOZZ	96906	MS25237-327	LAMP, INCANDESCENT	6
62	PAOZZ	81349	LC11GT2	LENS, LIGHT	6
				END OF FIGURE	

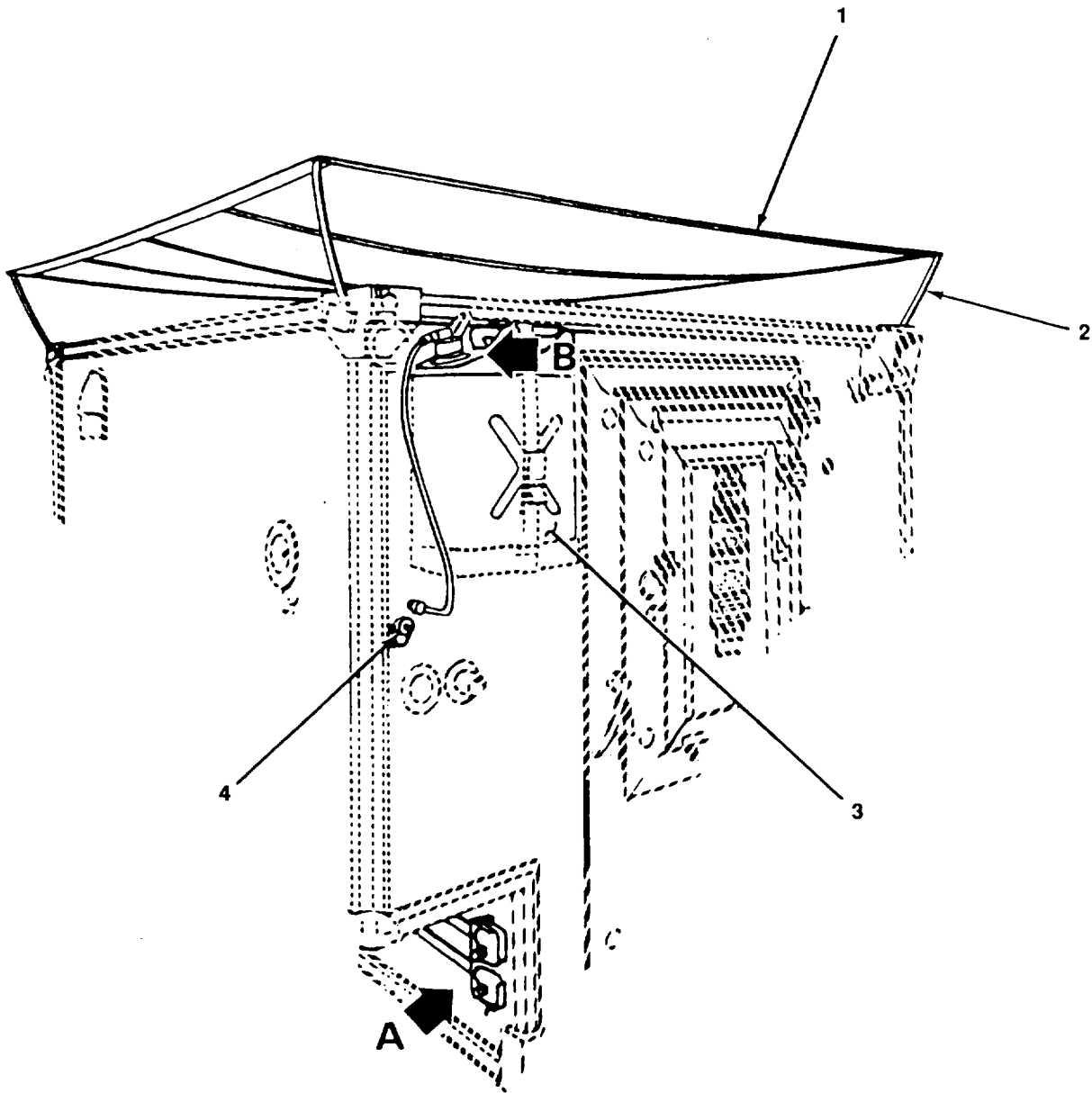


Figure 18. Shelter (Sheet 1 of 2).

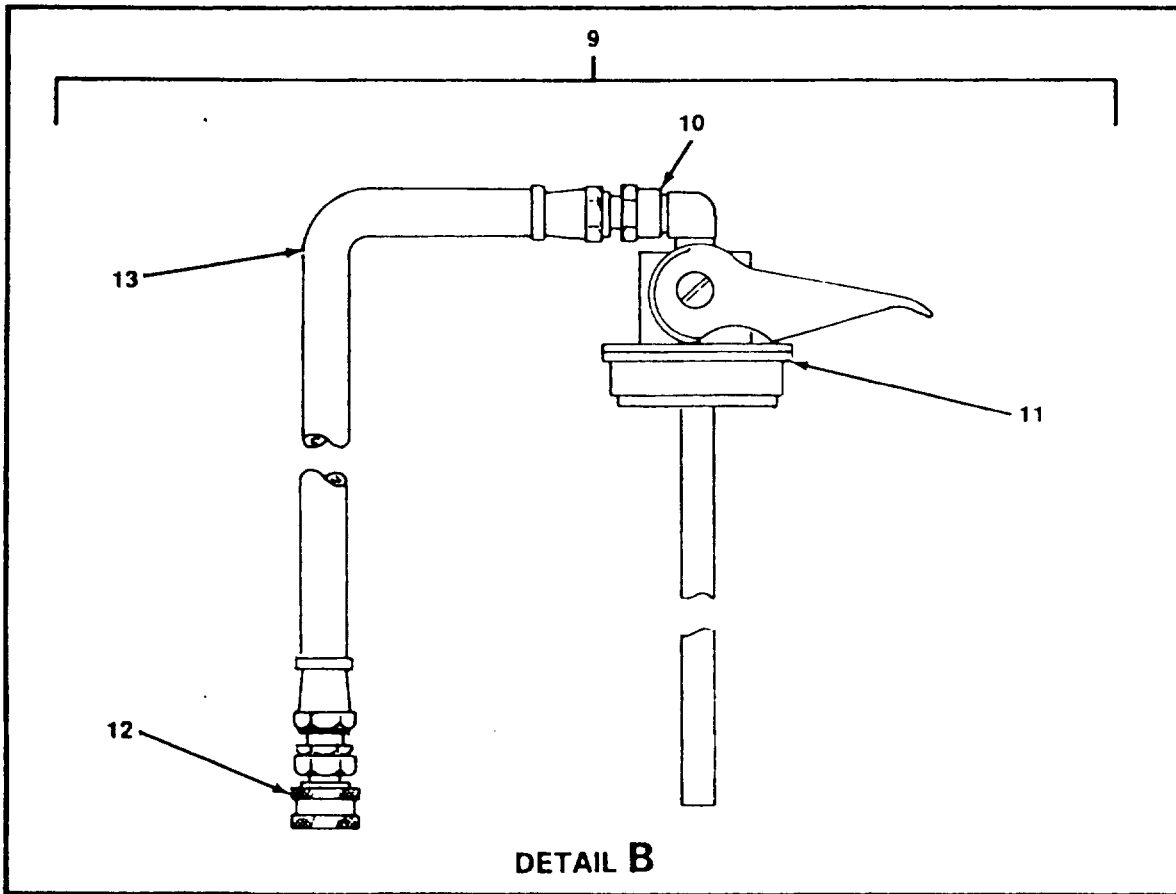
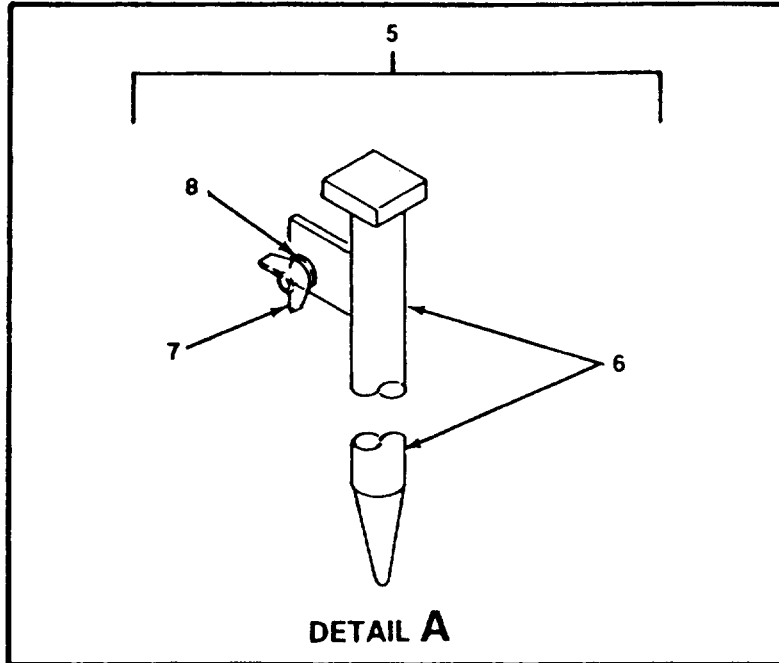


Figure 18. Shelter (Sheet 2 of 2).

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 30 SHELTER INSTALLATIONS SHELTER	
				FIGURE 18	
1	PAOZZ	03877	M1	TARPAULIN	1
2	PAOZZ	80063	SM-C-685215	TARPAULIN SUPPORT A	4
3	PAOZZ	81349	ME-3-3-45	FUEL CONTAINER, 5 GA	1
5	PAOFF	80058	MX-148/G	ROD, GROUND	2
				END OF FIGURE	

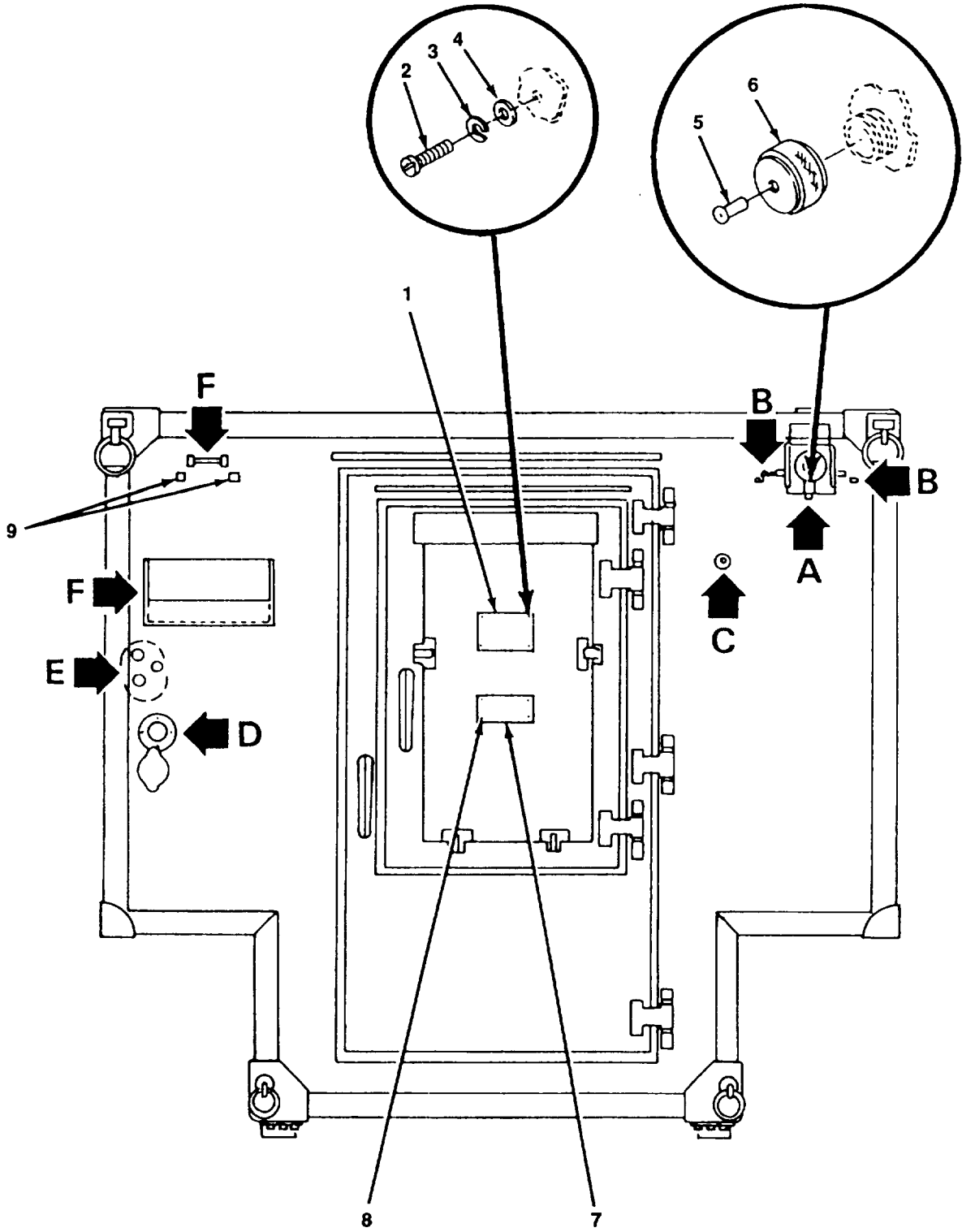


Figure 19. Exterior Entrance End (Sheet 1 of 2).

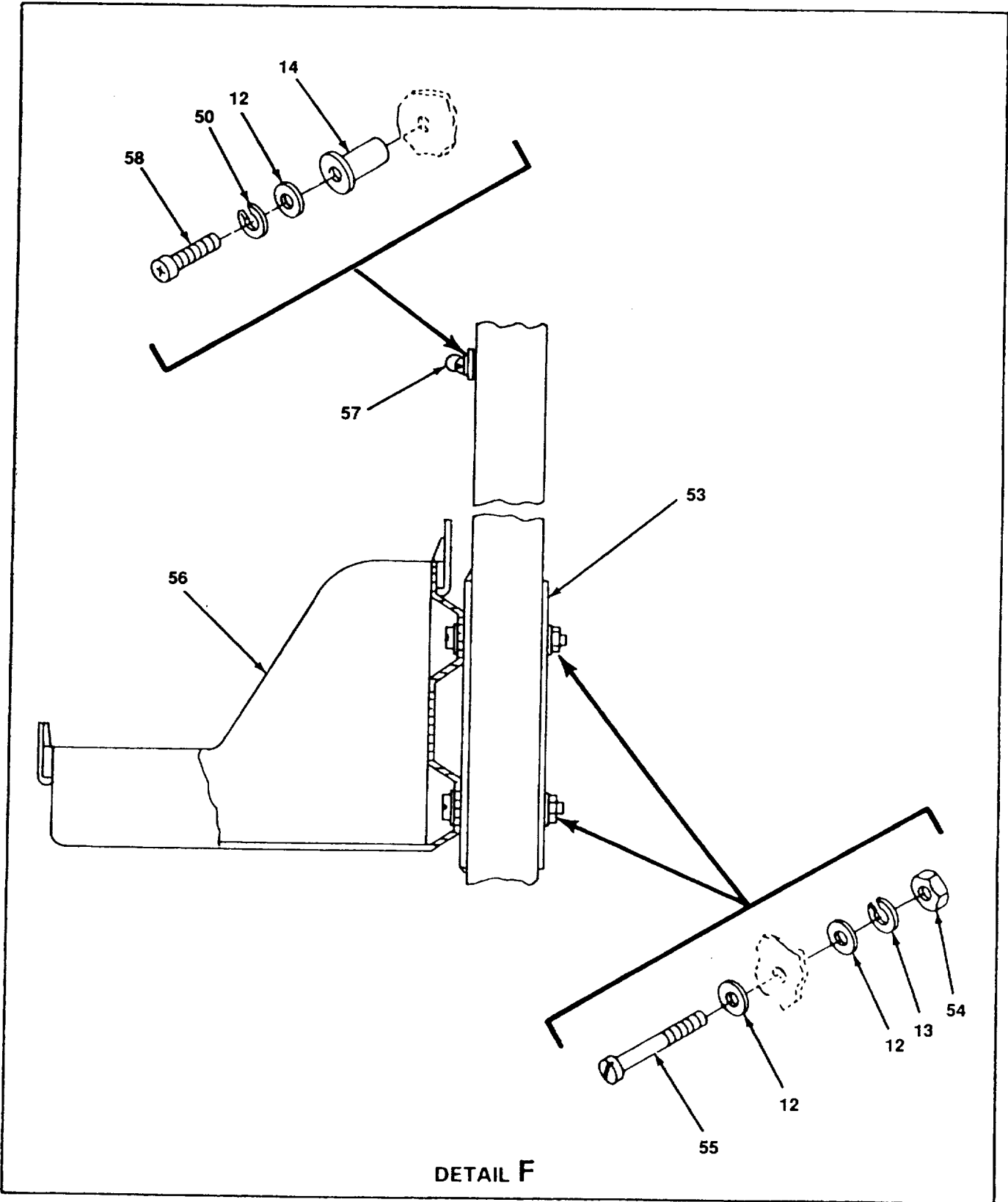


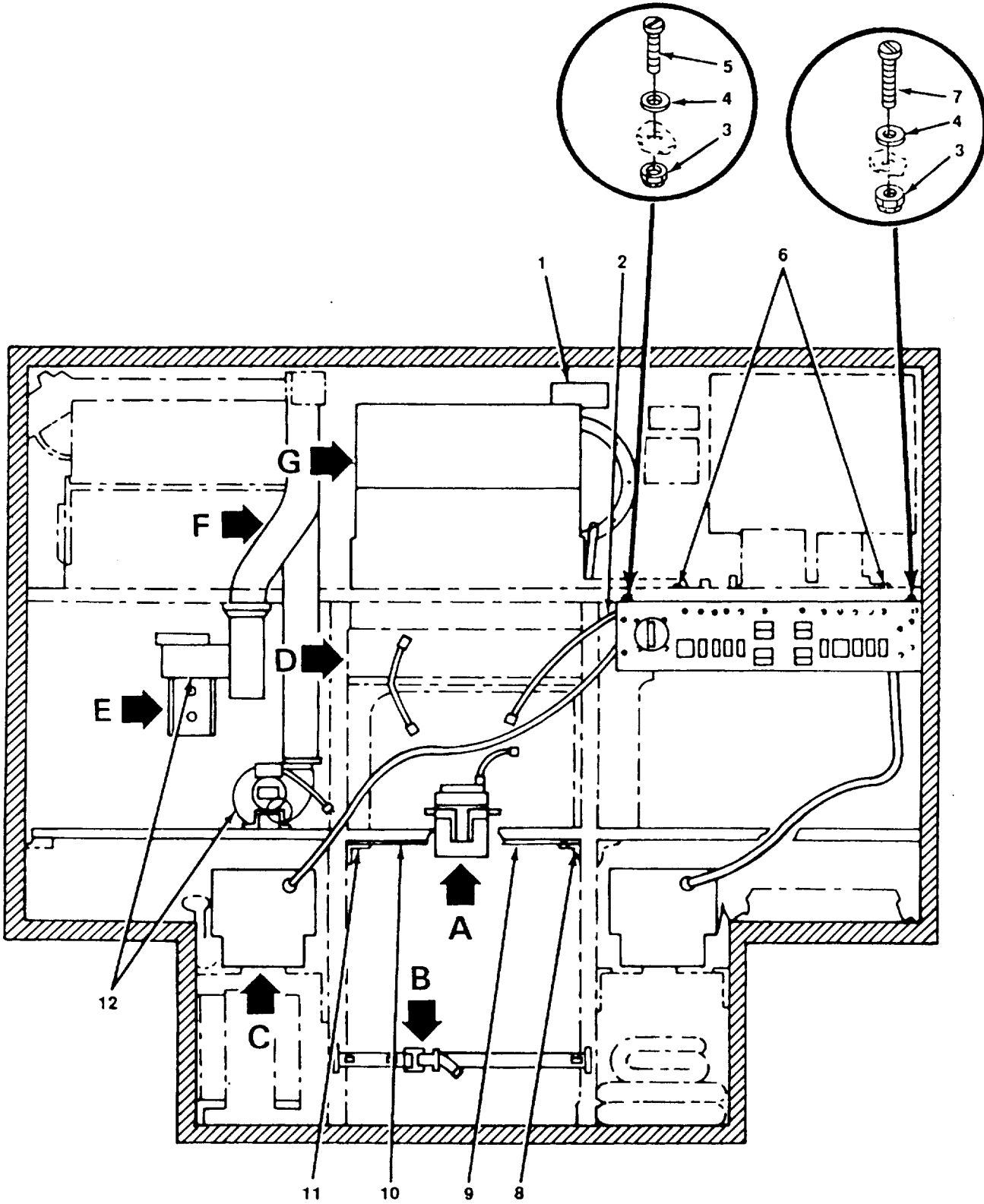
Figure 19. Exterior Entrance End (Sheet 2 of 2).



SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 30 SHELTER INSTALLATION EXTERIOR ENTRANCE	
				FIGURE 19	
56	PAOZZ	21450	D6566676	HOLDER,GAS CAN	1
				END OF FIGURE	



CE2DG069

Figure 22. Interior Front Wall (Sheet 1 of 3).

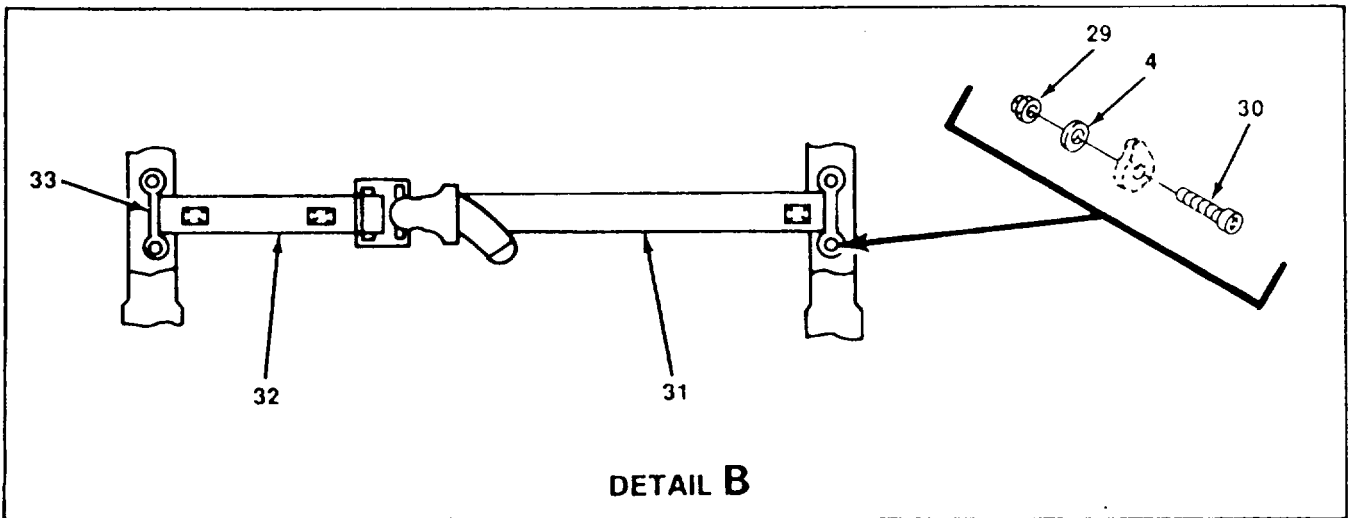
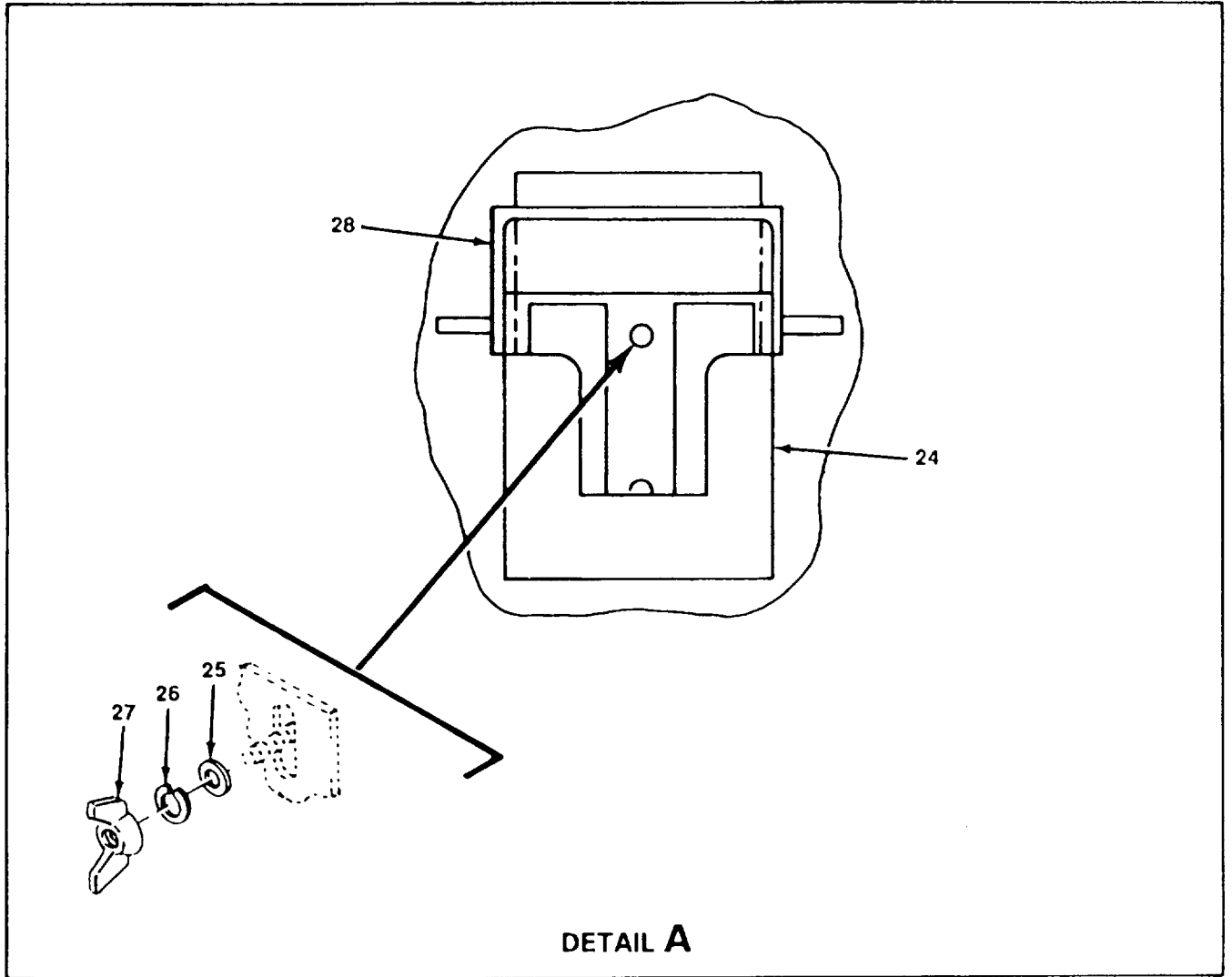


Figure 22. Interior Front Wall (Sheet 2 of 3).

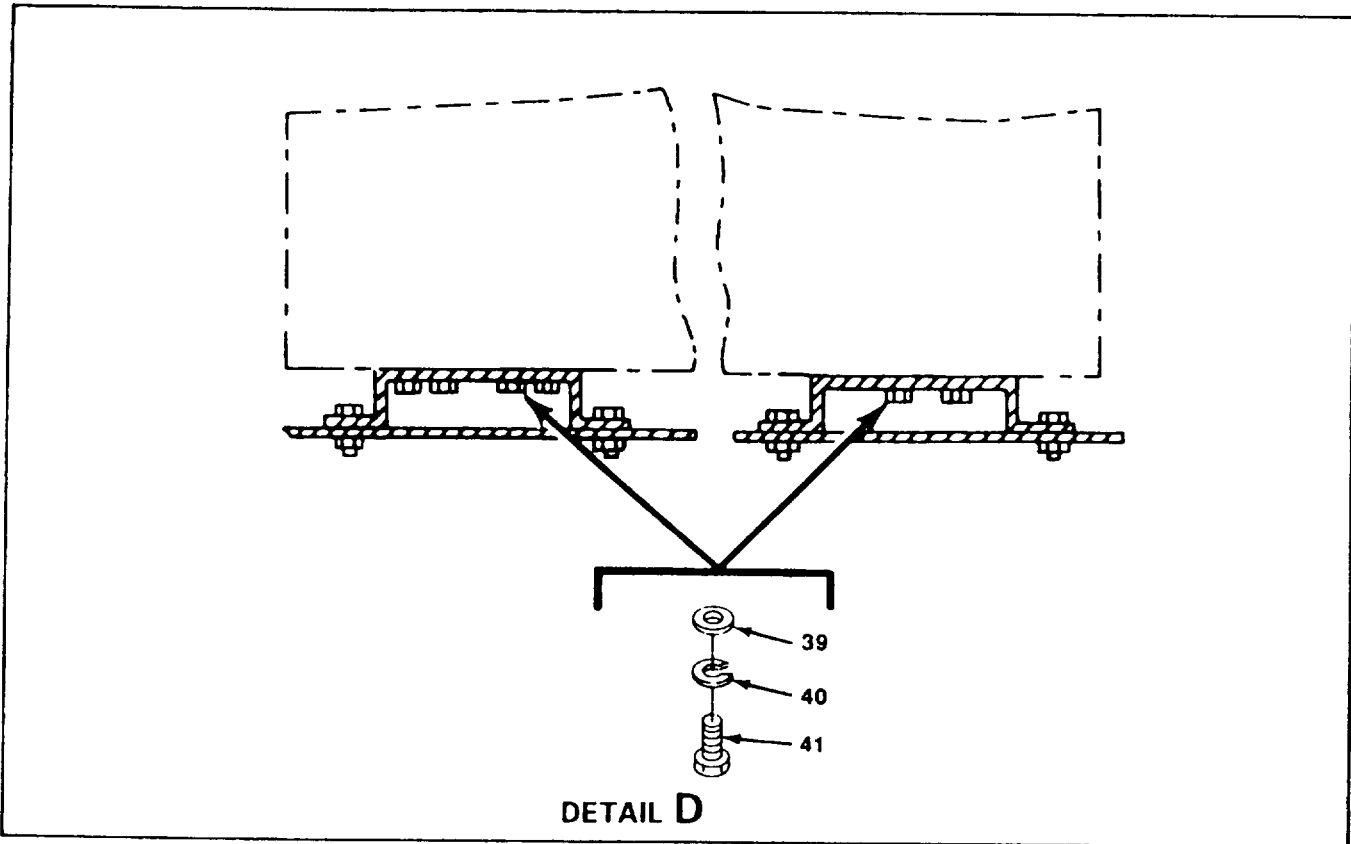
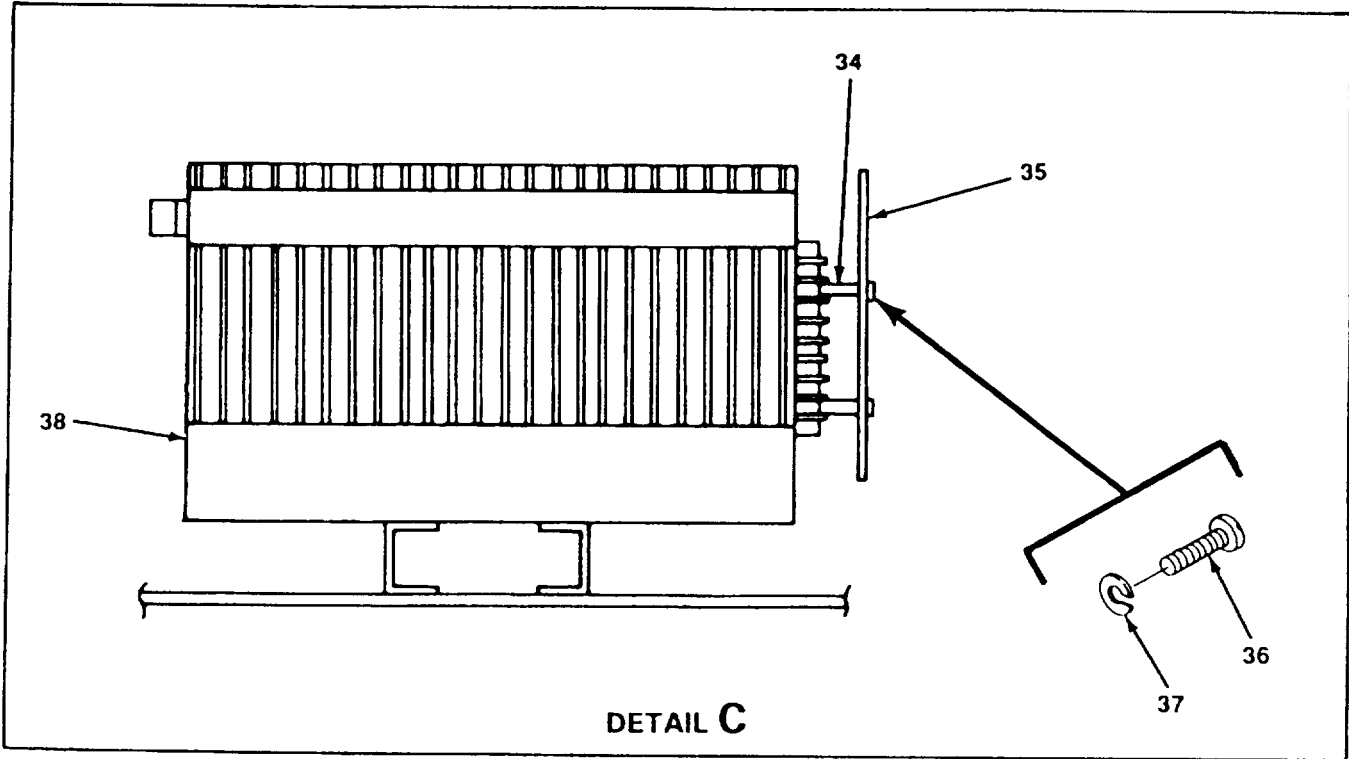


Figure 22. Interior Front Wall (Sheet 3 of 3).

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 30 SHELTER INSTALLATIONS INTERIOR FRONT WALL					
FIGURE 22					
1	XBOZZ	80063	SC-C-960732	INFORMATION PLATE	1
2	PAOZZ	80063	SC-D-960628-006	CABLE ASSEMBLY, POWE	1
6	PAOZZ	96906	MS51862-54	SCREW, TAPPING, THREA	4
24	XBOZZ	80063	SC-D-960663	BOX, BATTERY PAD ASS	1
25	PAOZZ	96906	MS27183-10	WASHER, FLAT	2
				UOC: EHE	
26	PAOZZ	96906	MS35338-44	WASHER, LOCK	2
27	PAOZZ	96906	MS35425-70	NUT, PLAIN, WING	2
28	PCOZZ	80063	BA414U	BATTERY, NONRECHARG	1
29	PAOZZ	96906	MS51960-67	SCREW, MACHINE	12
30	PAOZZ	96906	MS21044-C3	NUT, SELF-LOCKINGX, HE	12
31	XBOZZ	80063	SM-C-937446	STRAP	1
32	XBOZZ	80063	SM-C-937445	STRAP, BUCKLE	1
33	PAOZZ	76786	662	FOOTMAN LOOP	2
38	PAOFF	10109	PS-417	INVERTER, POWER, STAT	2
39	PAOZZ	96906	MS15795-814	WASHER, FLAT	6
40	PAOZZ	96906	MS35338-141	WASHER, LOCK	6
41	PAOZZ	96906	MS35308-359	SCREW, CAP, HEXAGON H	6

END OF FIGURE

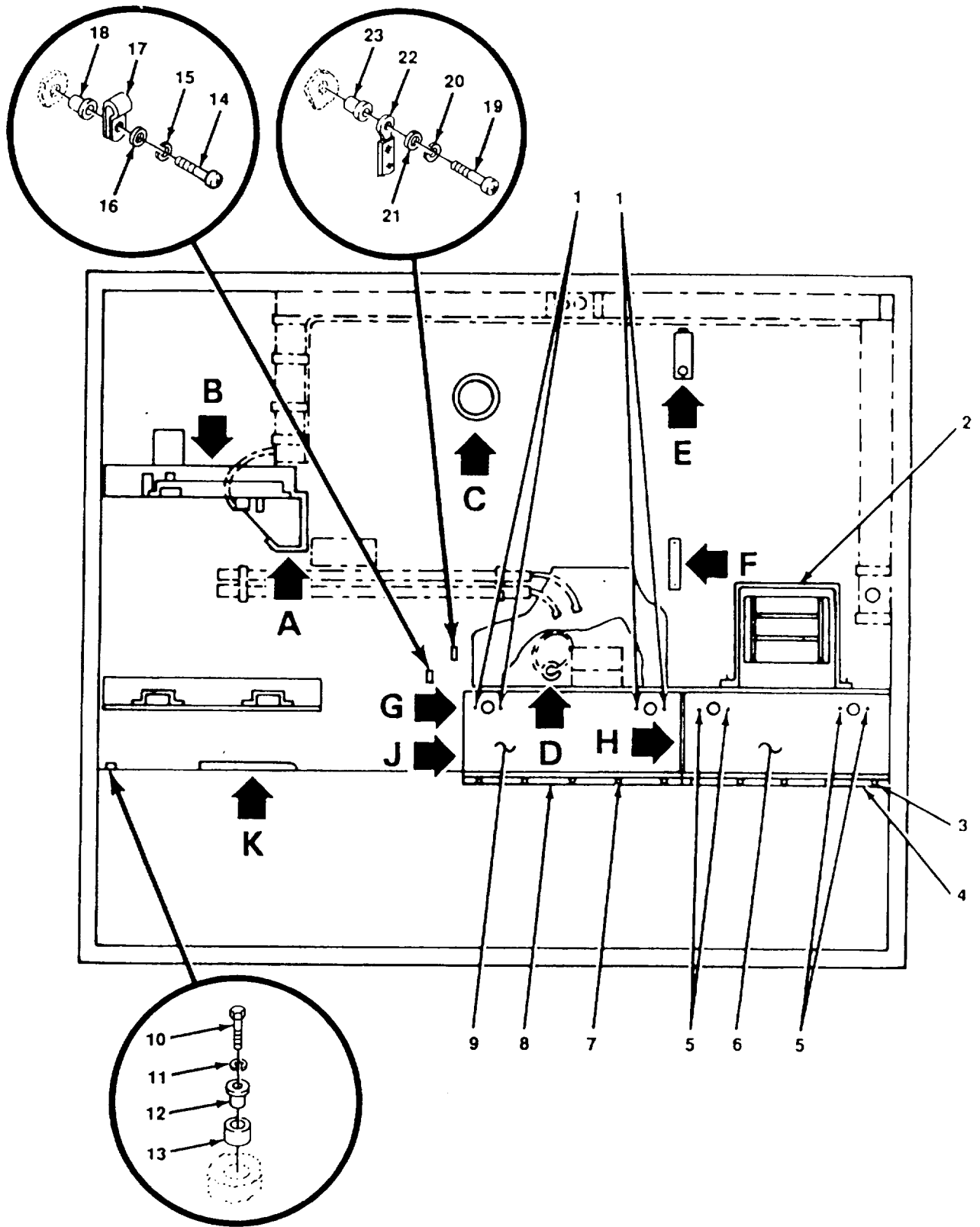
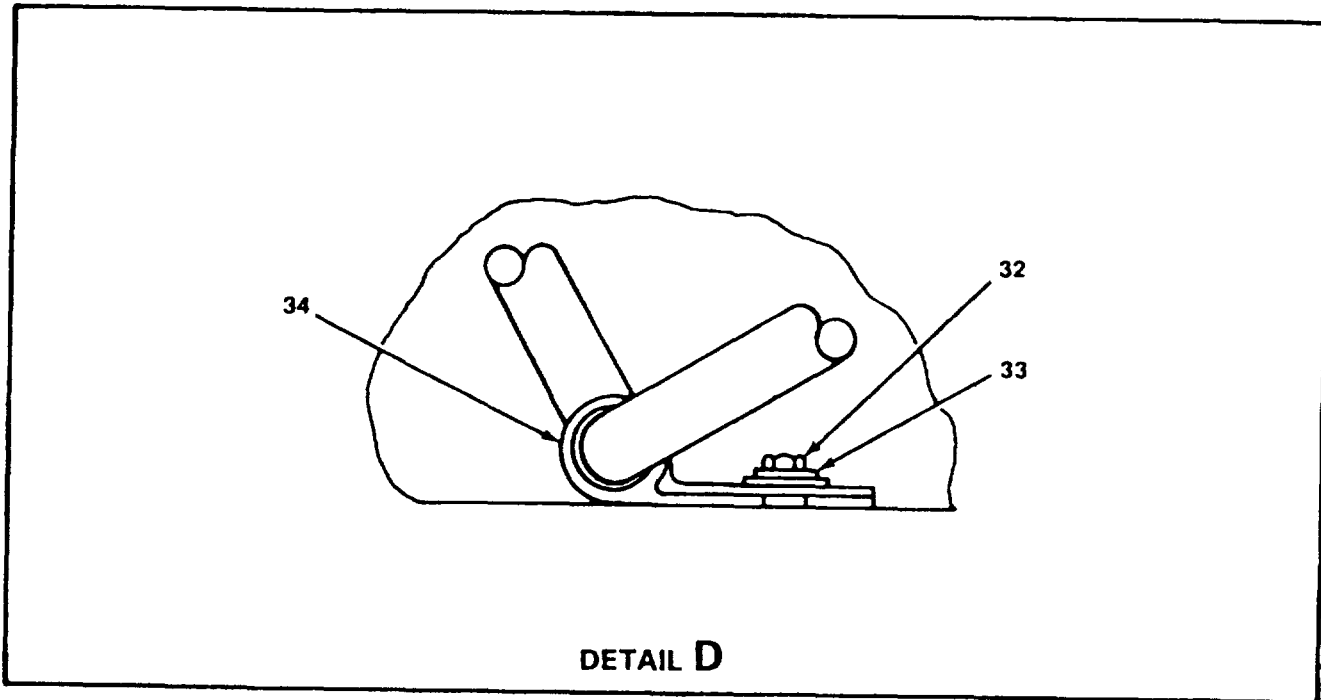
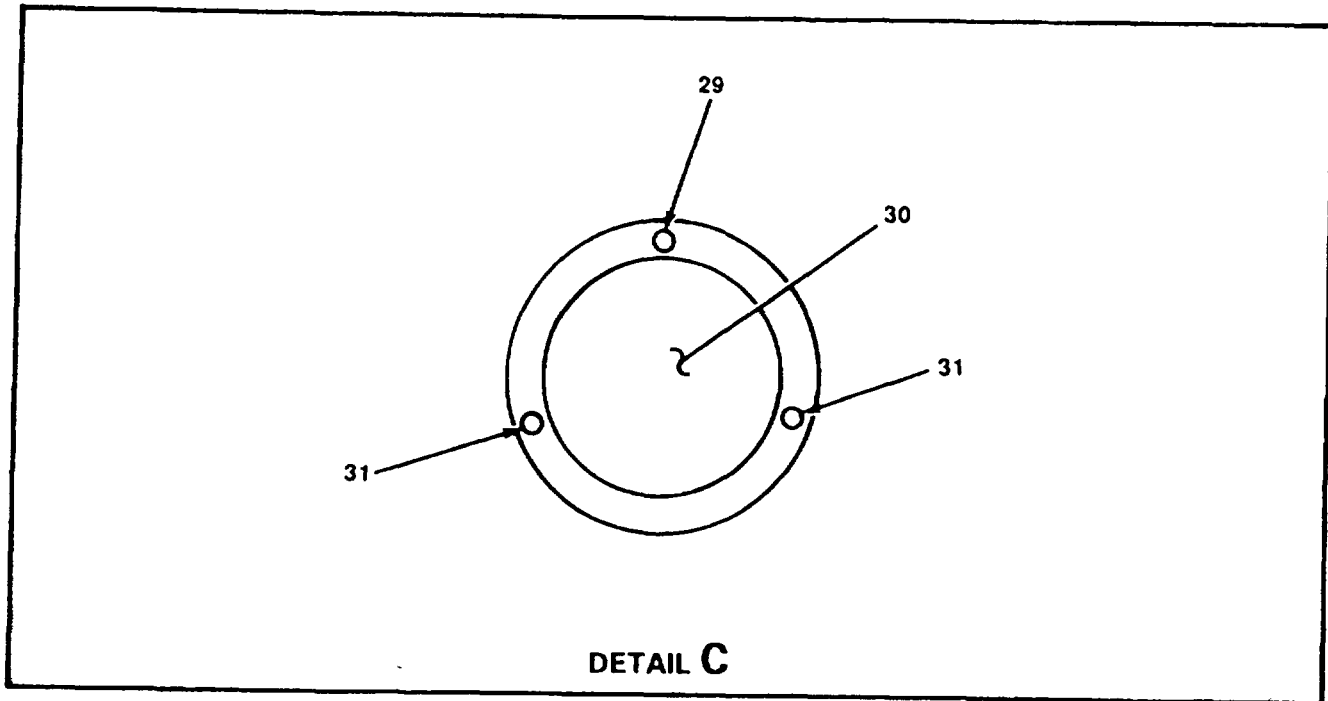


Figure 23. Interior Curbside Wall (Sheet 1 of 4).



CE2DG077

Figure 23. Interior Curbside Wall (Sheet 2 of 4).

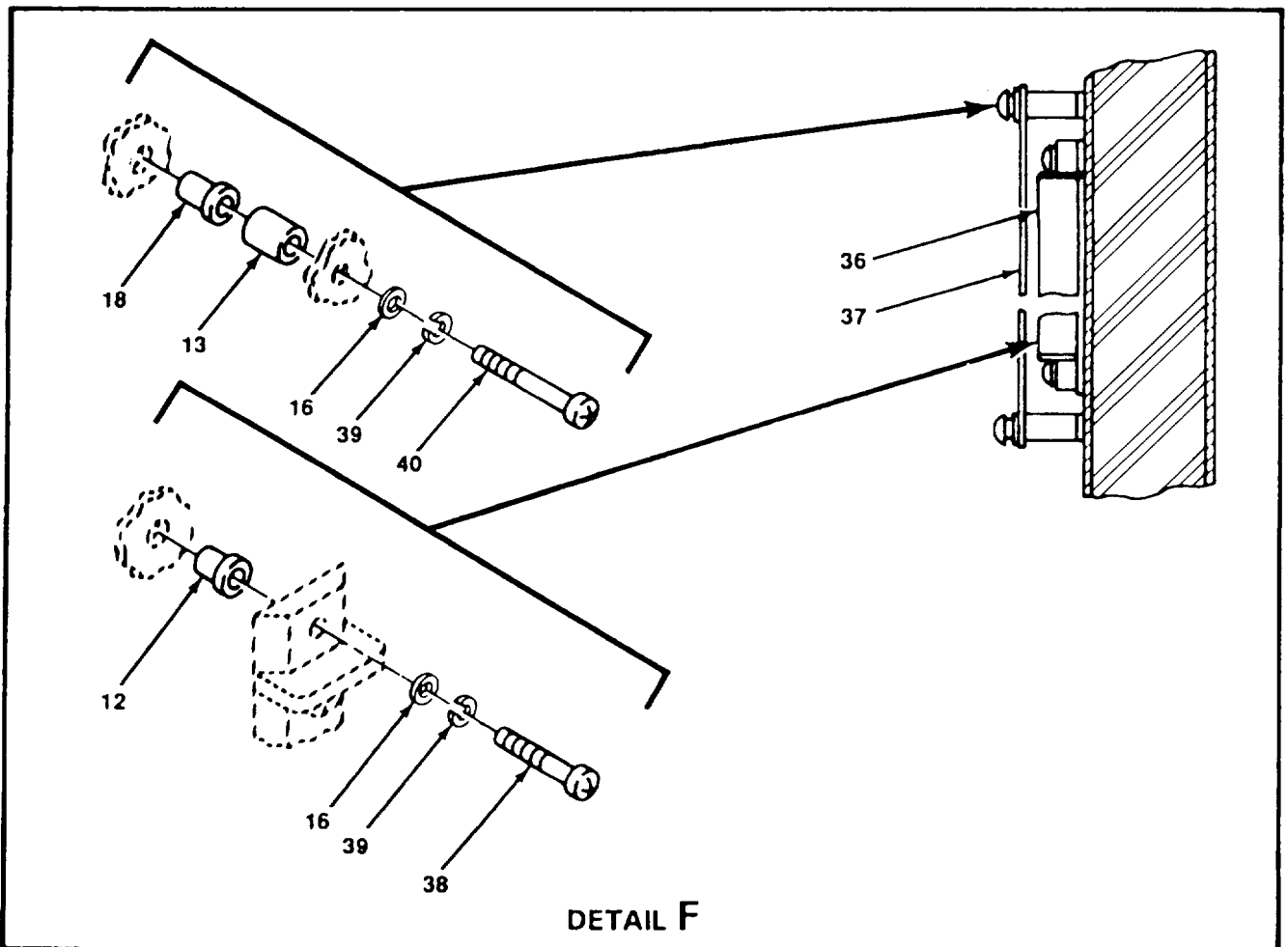
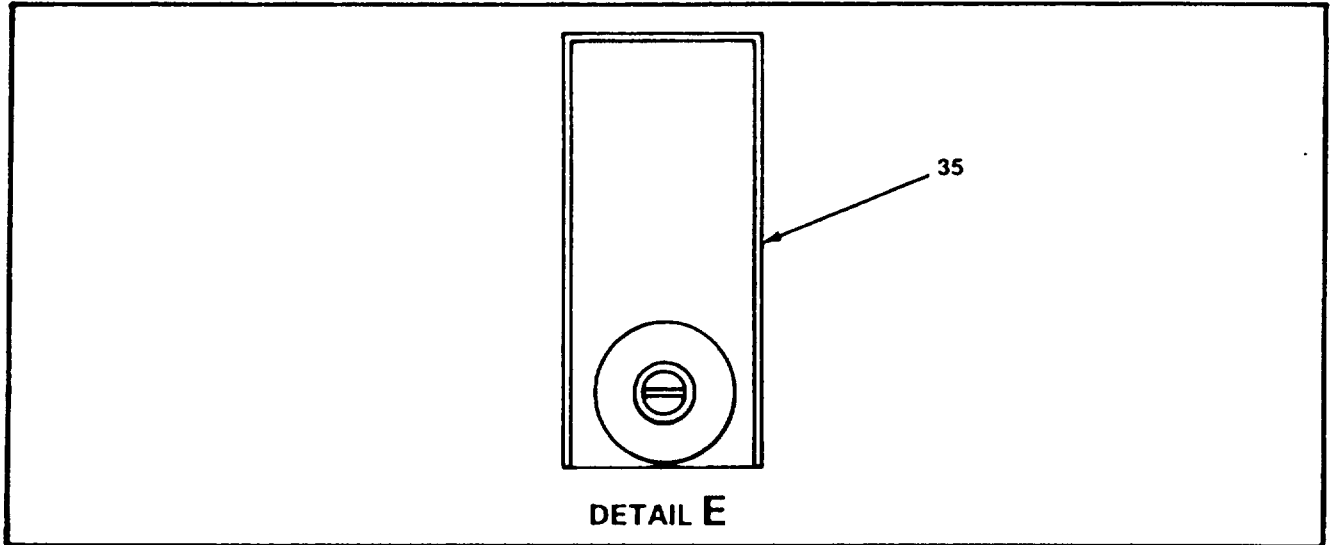
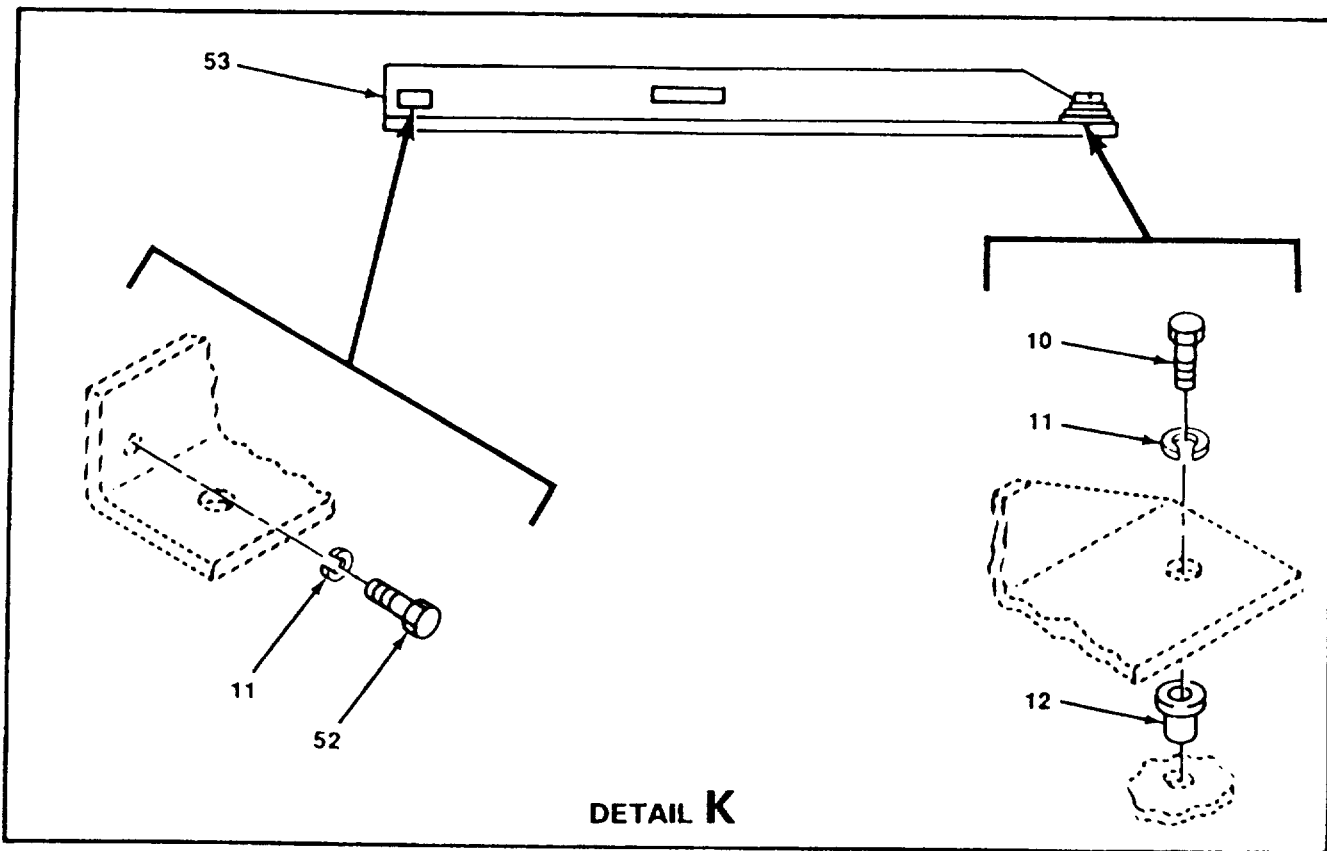
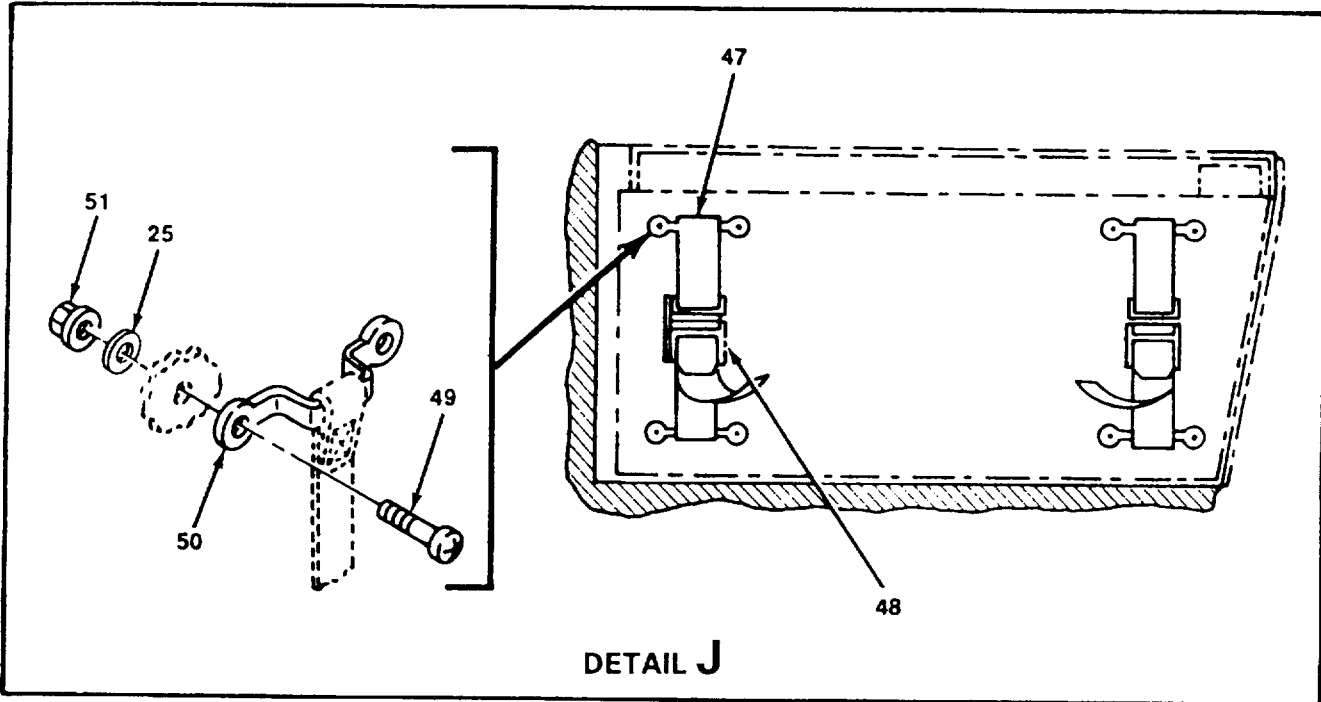


Figure 23. Interior Curbside Wall (Sheet 3 of 4).





CE2DG080

Figure 23. Interior Curbside Wall (Sheet 4 of 4).

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 30 SHELTER INSTALLATIONS					
INTERIOR CURBSIDE WALL					
FIGURE 23					
2	PAODD	81349	MIL-H-54647(ME)	HEATER, ELECTRIC	1
25	PAOZZ	96906	MS27183-42	WASHER, FLAT	1
30	PAOZZ	57566	8910	CLOCK, PANEL	1
35	XBOZZ	80063	SM-D-613356-2	THERMOSTAT	1
47	XBOFF	80063	SC-C-960710	STRAP ASSEMBLY	2
				UOC: EHF	
48	PAOZZ	98313	FDC-1152MI	BUCKLE	2
				UOC: EHF	
49	PAOZZ	96906	MS51960-67	SCREW, MACHINE	8
50	XBOZZ	80063	SC-A-47792-4	LOOP, STRAP FASTENER	4
				UOC: EHF	
51	PAOZZ	96906	MS21044-C3	NUT, SELF-LOCKING, HE	8
				UOC: EHF	
END OF FIGURE					

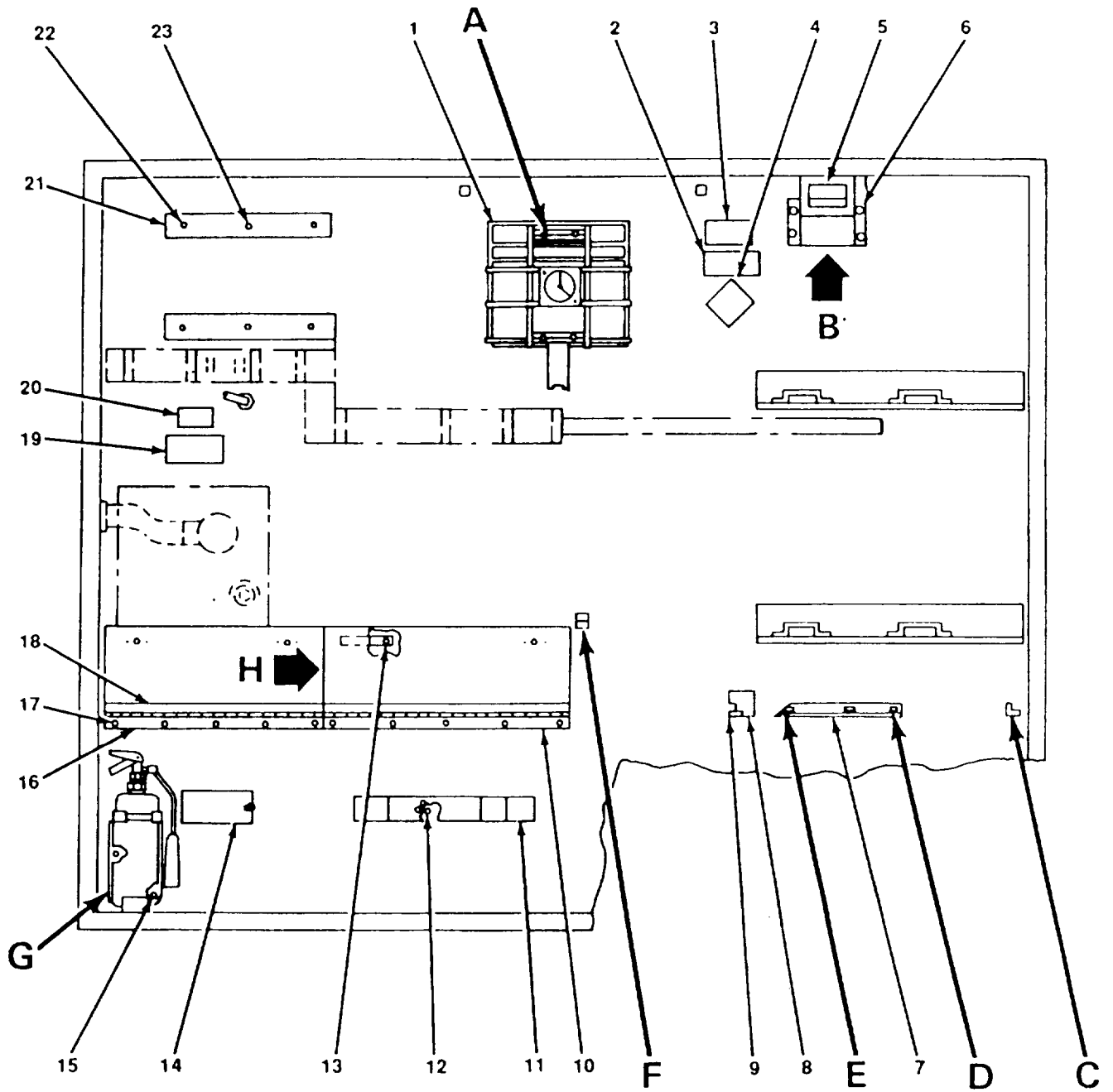
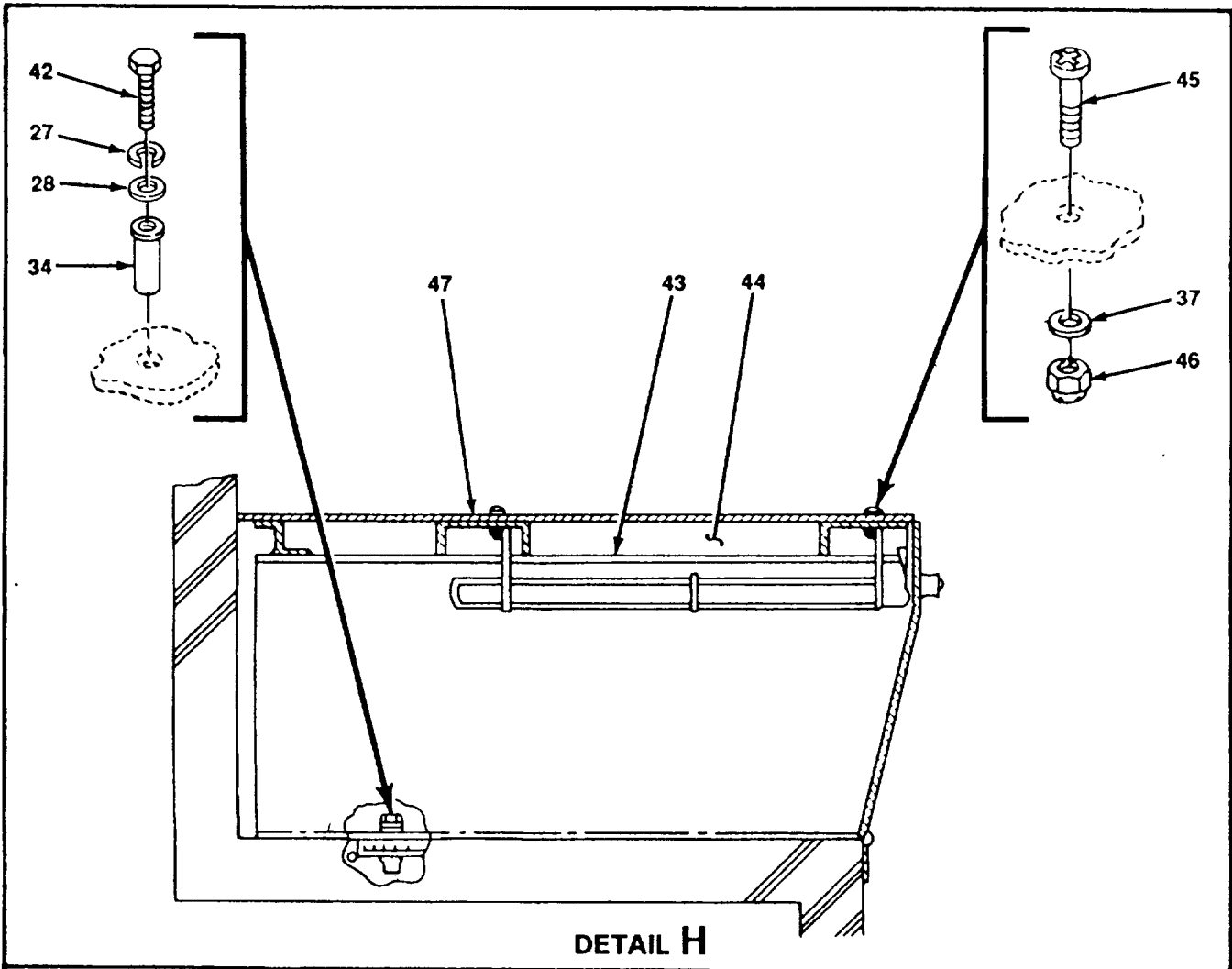
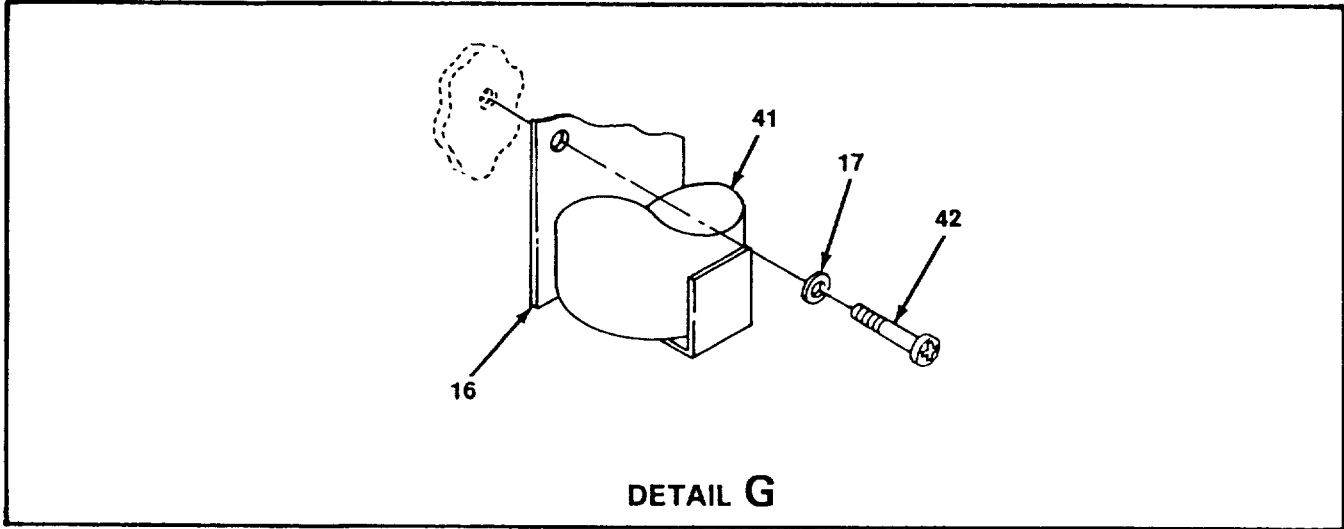


Figure 24. Interior Roadside Wall (Sheet 1 of 2).



CE2DG083

Figure 24. Interior Roadside Wall (Sheet 2 of 2).

SECTION II TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 30 SHELTER INSTALLATIONS INTERIOR ROADSIDE WALL	
				FIGURE 24	
41	PAOZZ	99539	FR2-3/4-11848	FIRE EXTINGUISHER	1
				END OF FIGURE	

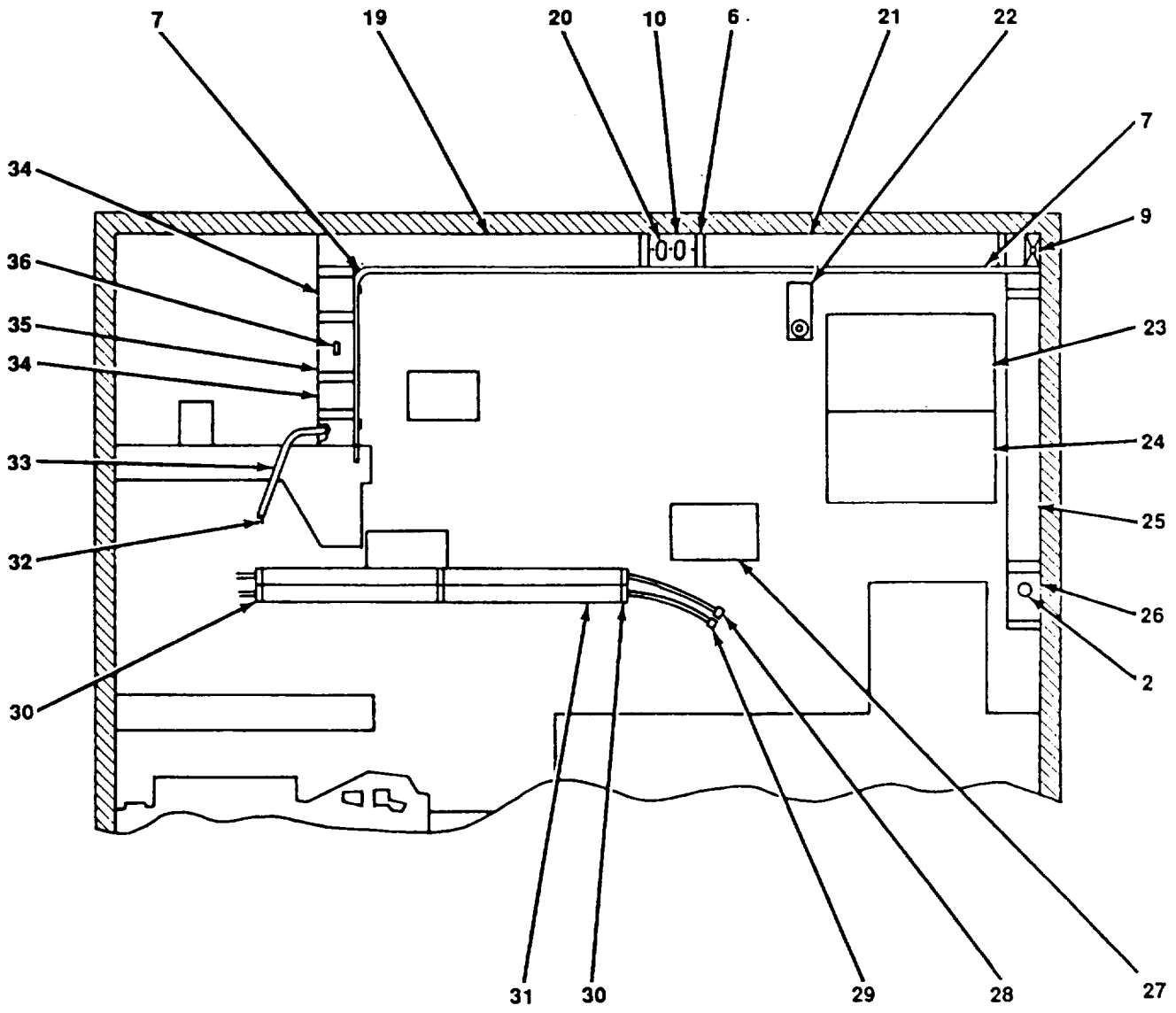


Figure 29. Electrical Installation.

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 31 ELECTRICAL INSTALLATIONS: ELECTRICAL INSTALLATION	
				FIGURE 29	
22	XBOZZ	80063	SM-D-613356-2	THERMOSTAT	1
28	PAOFF	80063	SC-D-960628-022	CABLE ASSEMBLY, POWE	1
				UOC: EHF	
29	PAOZZ	80063	SC-D-960625-004	CABLE ASSEMBLY, SPEC	1
				UOC: EHF	
				END OF FIGURE	

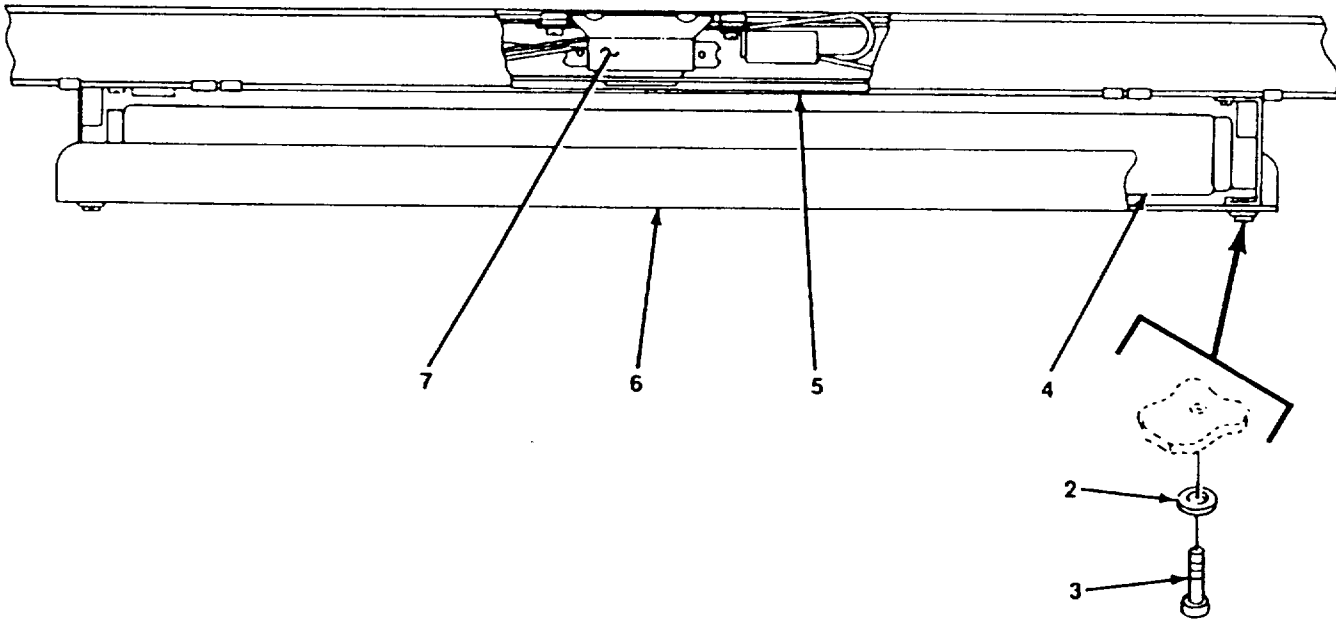
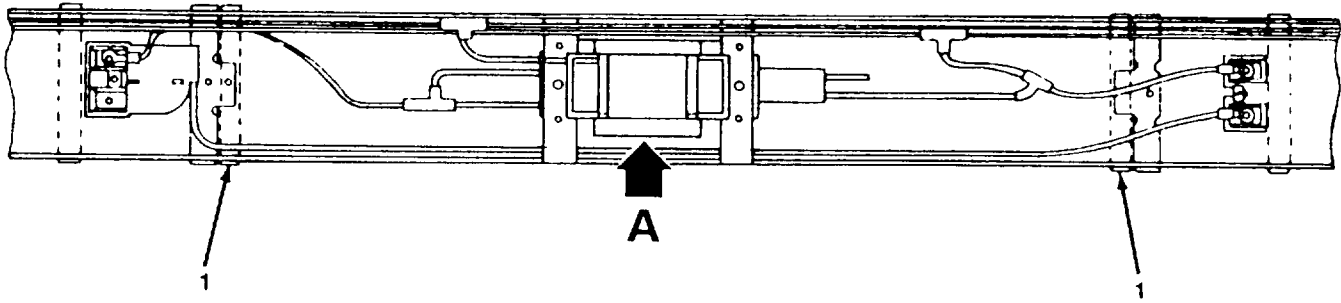
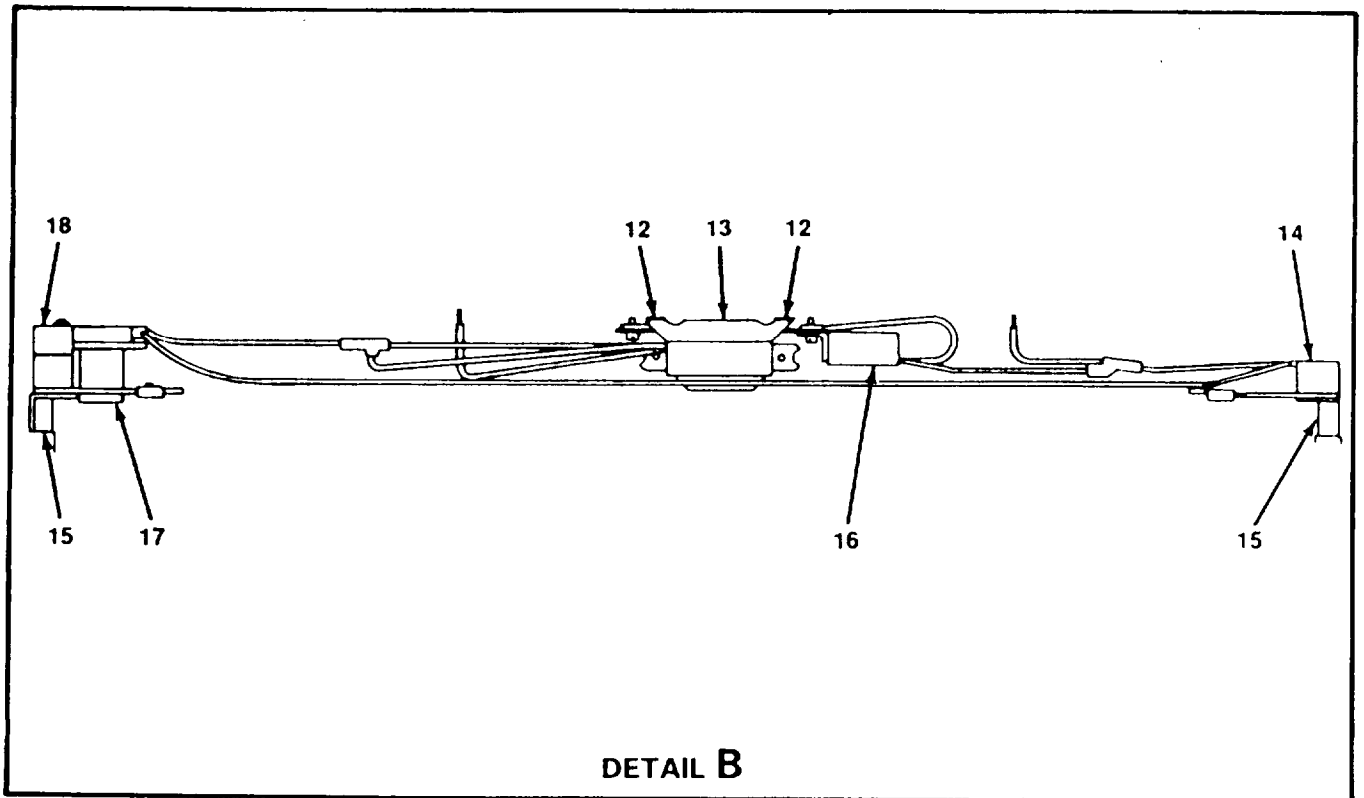
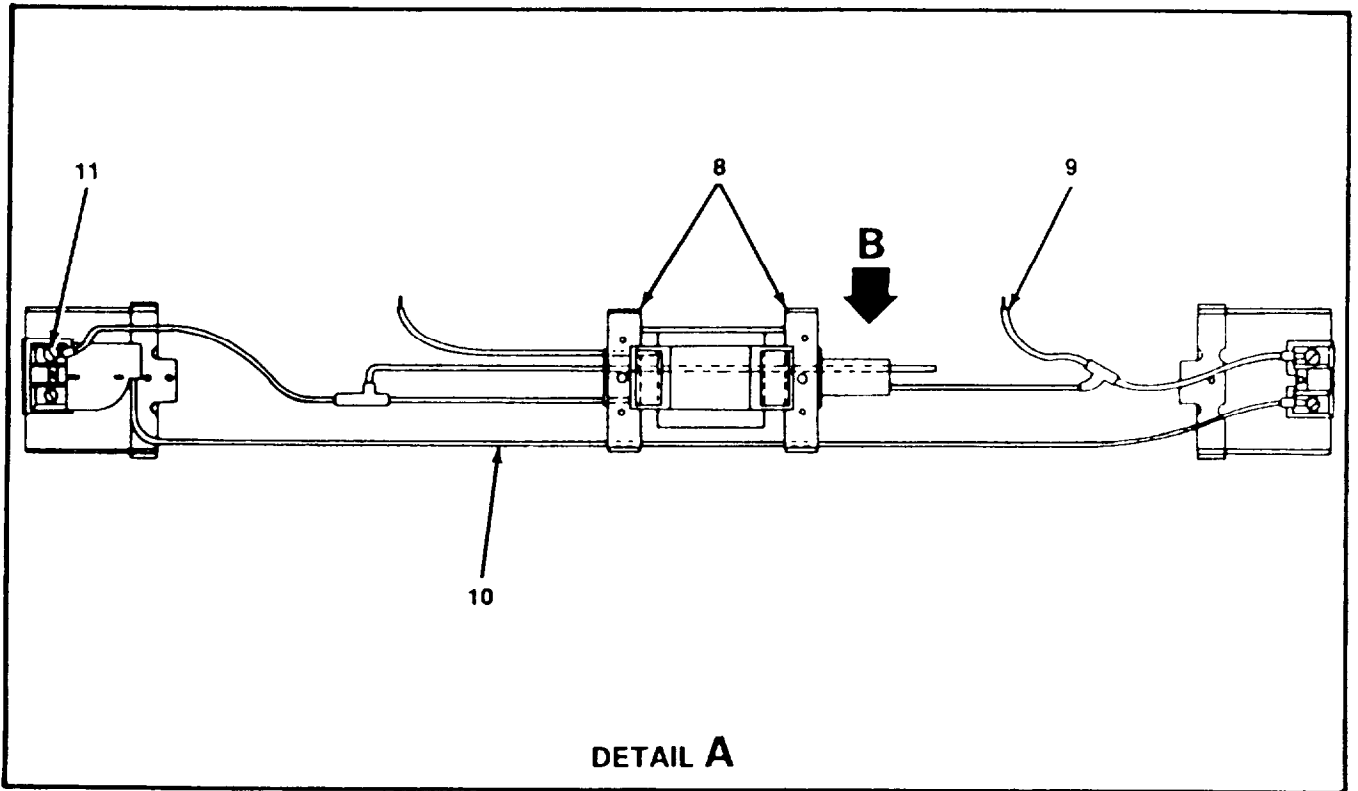


Figure 30. Lighting (Sheet 1 of 3).





CE2DG100

Figure 30. Lighting (Sheet 2 of 3).

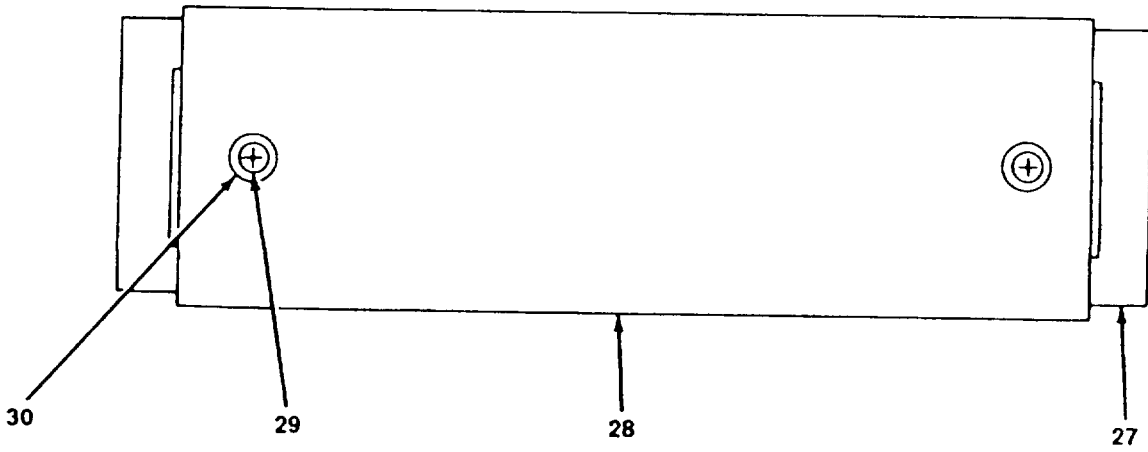
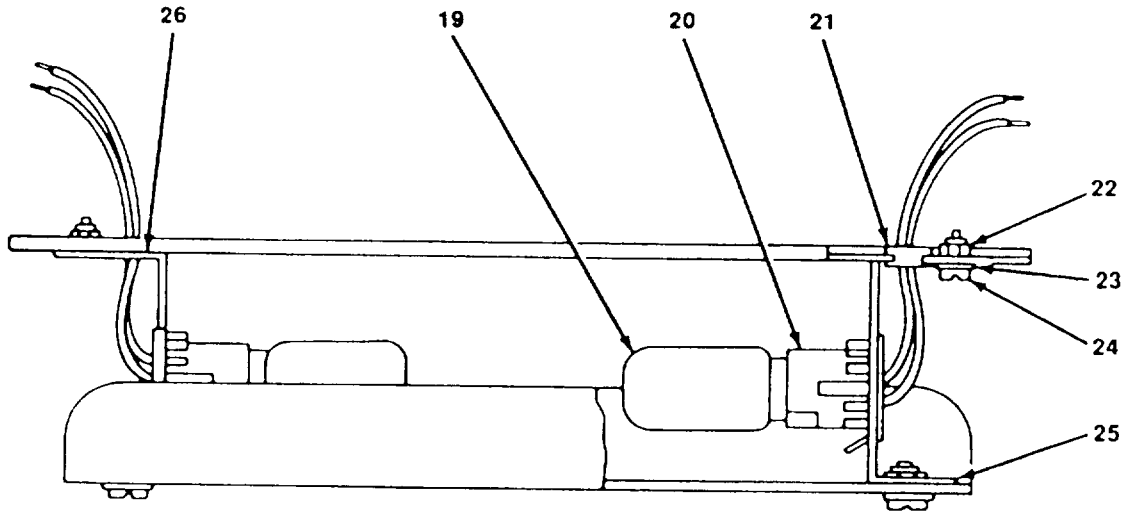


Figure 30. Lighting (Sheet 3 of 3).

## SECTION II

TM11-5815-334-20P-2

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 31 ELECTRICAL INSTALLATIONS LIGHTING					
FIGURE 30					
2	PAOZZ	96906	MS27183-7	WASHER, FLAT UOC: EHE	2
3	PAOZZ	96906	MS35206-245	SCREW, MACHINE UOC: EHE	2
4	PAOZZ	80063	SC-C-539495	LAMP, FLOURESCENT UOC: EHE	1
5	XBOZZ	80063	SC-B-681040-2	COVER UOC: EHE	1
6	PAOZZ	80063	SC-C-539466	WINDOW, LIGHTING FIX UOC: EHE	1
8	PAOZZ	80063	SC-B-539558	STRAP, RETAINING UOC: EHE	2
14	XBOZZ	80063	SC-C-539561GP2	LAMPHOLDER ASSEMBLY UOC: EHE	1
17	PAOZZ	80063	SC-B-539504	STARTER, FLUORESCENT UOC: EHE	1
18	PAOZZ	80063	SC-C-539560GP2	LAMPHOLDER UOC: EHE	1
19	PAOZZ	08806	25T8DC	LAMP UOC: EHE	2
28	XBOZZ	80063	SC-C-539466-1	WINDOW, LIGHTING FIX UOC: EHE	1
29	PAOZZ	96906	MS35206-245	SCREW, MACHINE UOC: EHE	2
30	PAOZZ	96906	MS27183-7	WASHER, FLAT UOC: EHE	2

END OF FIGURE

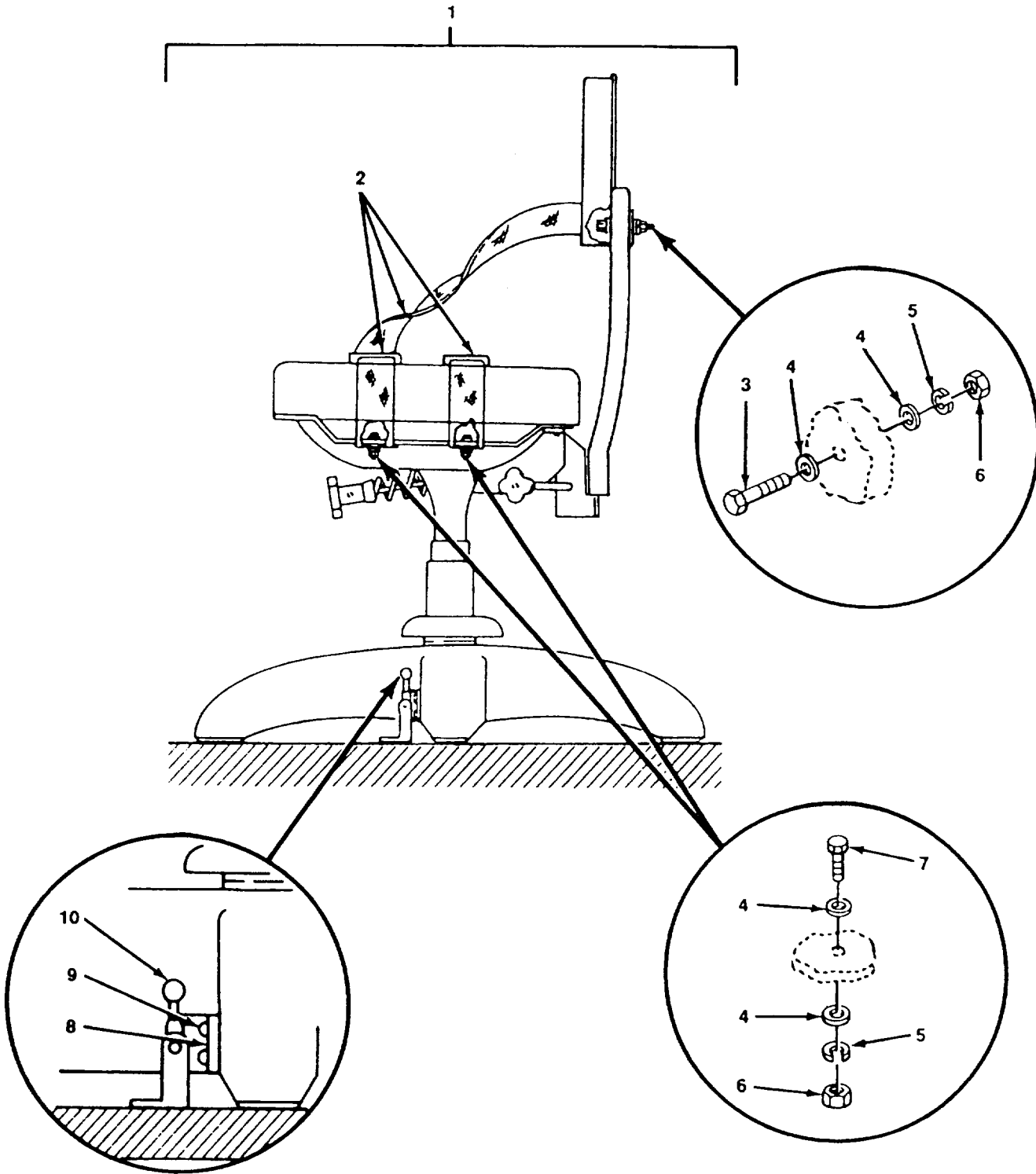


Figure 32. Chair Assembly.

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 32 ACCESSORY ITEMS CHAIR ASSEMBLY	
				FIGURE 32	
1	PAOFF	80063	SM-D-613130	CHAIR,ROTARY	1
				END OF FIGURE	

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5310-00-014-5850	23	25	5995-00-937-8463	6	17
6210-00-050-0582	17	62	5995-00-937-8464	6	24
5305-00-071-1324	22	29	5995-00-937-8467	6	7
	23	49	5995-00-937-8621	3	9
6135-00-125-5256	22	58	5995-00-937-8622	3	17
5340-00-134-3782	30	8	5995-00-937-8623	3	25
6250-00-146-1636	30	18	5995-00-937-8627	5	22
6240-00-152-2996	30	4	5305-00-984-6193	30	3
6240-00-155-7836	17	61		30	29
6250-00-194-4794	30	17	5310-00-984-7042	22	40
5310-00-208-9255	22	30	5305-01-006-3886	22	6
	23	51	5895-01-049-0314	22	33
5820-00-223-7548	1	12	5815-01-062-8194	1	5
6240-00-223-9100	13	19	5310-01-064-8787	22	27
5975-00-224-5260	18	5	5815-01-108-9180	18	2
5965-00-243-6420	1	6	5995-01-140-9303	10	6
5995-00-248-4402	9	15	5995-01-161-3831	10	18
5995-00-248-4426	3	33	5995-01-163-0942	4	1
5995-00-248-4482	5	36	5995-01-234-1237	4	8
7110-00-273-8791	32	1	5995-01-234-1238	29	29
6645-00-410-2395	23	30	6130-01-247-9149	22	38
5995-00-453-9428	3	1	5995-01-267-8089	11	1
5995-00-453-9433	3	41	5995-01-293-2665	10	22
5995-00-485-7526	7	1			
5995-00-494-8261	7	28			
5995-00-494-9602	9	8			
5805-00-543-0012	1	9			
5310-00-582-5965	22	26			
6625-00-682-4464	1	10			
6210-00-753-2834	13	20			
5305-00-754-3104	22	41			
5310-00-773-7618	22	39			
5995-00-789-3622	6	28			
5310-00-809-4058	22	25			
5310-00-809-8544	30	2			
	30	30			
5985-00-892-0758	1	13			
5815-00-919-4800	1	8			
6210-00-921-6682	30	6			
5815-00-926-7377	1	1			
6150-00-935-0257	7	18			
5995-00-935-2542	5	15			
5995-00-935-5236	8	14			
5815-00-937-5973	2	1			
5820-00-937-7690	1	3			
5995-00-937-8048	9	1			
5995-00-937-8458	7	11			
5995-00-937-8460	5	29			
5995-00-937-8461	6	1			
5995-00-937-8462	6	13			

## CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
80058	AN/GRA-50	5985-00-892-0758	1	13
80058	AN/GRC-106A	5820-00-223-7548	1	12
80058	AN/UGC-74A(V)3	5815-01-062-8194	1	5
80063	BA414U	6135-00-125-5256	22	28
80058	C-7279/GRC-142	5815-00-937-5973	2	1
80058	CG-2568A/U(6FT6IN)	5995-00-494-8261	7	28
80058	CG-3366/U(1FT6IN)	5995-00-937-8458	7	11
80058	CX-10463/GRC-142 (15FT)	6150-00-935-0257	7	18
80058	CX-10507/G(9FT)	5995-00-453-9428	3	1
80058	CX-10508/G(6FT)	5995-00-937-8621	3	9
80058	CX-10509/G(12FT3 IN)	5995-00-937-8622	3	17
80058	CX-10510/G(11FT7 IN)	5995-00-937-8623	3	25
80058	CX-10511/G(5FT11 IN)	5995-00-248-4426	3	33
80058	CX-10512/G(10FT)	5995-00-453-9433	3	41
80058	CX-10513/G(7FT6IN)		5	8
80058	CX-10513/G(9FT6IN)		5	1
80058	CX-10514/G(6FT9IN)	5995-00-935-2542	5	15
80058	CX-10514/G(9FT)	5995-00-937-8627	5	22
80058	CX-10515/G(6FT)	5995-00-937-8460	5	29
80058	CX-10515/G10FT	5995-00-248-4482	5	36
80058	CX-10516/G(4FT)	5995-00-937-8461	6	1
80058	CX-10517/G(4FT)	5995-00-937-8467	6	7
80058	CX-10518/G(6FT)	5995-00-937-8462	6	13
80058	CX-10519/G(6FT)	5995-00-937-8463	6	17
80058	CX-10520/G(4FT)	5995-00-937-8464	6	24
80058	CX-10523/G(6FT)	5995-00-937-8048	9	1
80058	CX-10523/G(6FT6IN)	5995-00-494-9602	9	8
80058	CX-10526/G(4FT6IN)		9	33
80058	CX-10527/G(4FT)	5995-00-485-7526	7	1
80058	CX-10531/G(4FT5IN)	5995-00-789-3622	6	28
80058	CX-10951/G(50FT)	5995-00-935-5236	8	14
80058	CX-12330/G(1FT0IN)		4	15
80058	CX10524G6FT	5995-00-248-4402	9	15
21450	D6566676		19	56
98313	FDC-1152MI		23	48
99539	FR2-3/4-11848		24	41
81349	F02A250V1.6A		17	58
80058	J-2728/GRC-142	5815-00-926-7377	1	1

## CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
81349	LC11GT2	6210-00-050-0582	17	62
81349	LC14RD3	6210-00-753-2834	13	20
80058	LS-166U	5965-00-243-6420	1	6
80058	MD-522A/GRC	5815-00-919-4800	1	8
80058	ME-165()/G	6625-00-682-4464	1	10
81349	ME-3-3-45		18	3
81349	MIL-H-54647(ME)		23	2
96906	MS15795-814	5310-00-773-7618	22	39
96906	MS21044-C3	5310-00-208-9255	22	30
			23	51
96906	MS25237-327	6240-00-155-7836	17	61
96906	MS27183-10	5310-00-809-4058	22	25
96906	MS27183-42	5310-00-014-5850	23	25
96906	MS27183-7	5310-00-809-8544	30	2
			30	30
96906	MS35206-245	5305-00-984-6193	30	3
			30	29
96906	MS35308-359	5305-00-754-3104	22	41
96906	MS35338-141	5310-00-984-7042	22	40
96906	MS35338-44	5310-00-582-5965	22	26
96906	MS35425-70	5310-01-064-8787	22	27
96906	MS51862-54	5305-01-006-3886	22	6
96906	MS51960-67	5305-00-071-1324	22	29
			23	49
80058	MX-148/G	5975-00-224-5260	18	5
03877	M1		18	1
81349	NE51	6240-00-223-9100	13	19
80058	PP-4763()/GRC	5820-00-937-7690	1	3
10109	PS-417	6130-01-247-9149	22	38
80063	SC-A-47792-4		23	50
80063	SC-B-539504	6250-00-194-4794	30	17
80063	SC-B-539558	5340-00-134-3782	30	8
80063	SC-B-681040-2		30	5
80063	SC-C-539466	6210-00-921-6682	30	6
80063	SC-C-539466-1		30	28
80063	SC-C-539495	6240-00-152-2996	30	4
80063	SC-C-539560GP2	6250-00-146-1636	30	18
80063	SC-C-539561GP2		30	14
80063	SC-C-960710		23	47
80063	SC-C-960732		22	1
80063	SC-D-960025-003	5995-01-163-0942	4	1
80063	SC-D-960624-000	5995-01-234-1237	4	8
80063	SC-D-960625-004	5995-01-234-1238	29	29
80063	SC-D-960628-006		22	2
80063	SC-D-960628-022		29	28
80063	SC-D-960663		22	24
80063	SM-B-603148		8	4
80063	SM-B-603149		8	8
80063	SM-B-603738	5995-01-267-8089	11	1
80063	SM-C-603125		9	5
80063	SM-C-613147		8	1



## CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
80063	SM-C-613147		11	
80063	SM-C-613152	5995-01-161-3831	10	18
80063	SM-C-613155		10	1
80063	SM-C-613156		7	6
80063	SM-C-613165	5995-01-140-9303	10	6
80063	SM-C-613166		10	12
80063	SM-C-613236	5995-01-293-2665	10	22
80063	SM-C-613336		9	26
80063	SM-C-613337		9	31
80063	SM-C-613338		7	24
80063	SM-C-613349		9	20
80063	SM-C-685215	5815-01-108-9180	18	2
80063	SM-C-937445		22	32
80063	SM-C-937446		22	31
80063	SM-D-613130	7110-00-273-8791	32	1
80063	SM-D-613356-2		23	35
			29	22
80058	TA-312()/PT	5805-00-543-0012	1	9
80058	TT-76()/GGC(MOD)		1	11
08806	25T8DC		30	19
76786	662	5895-01-049-0314	22	33
57566	8910	6645-00-410-2395	23	30

## CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
1	1	5815-00-926-7377	80058	J-2728/GRC-142
1	3	5820-00-937-7690	80058	PP-4763()/GRC
1	5	5815-01-062-8194	80058	AN/UGC-74A(V)3
1	6	5965-00-243-6420	80058	LS-166U
1	8	5815-00-919-4800	80058	MD-522A/GRC
1	9	5805-00-543-0012	80058	TA-312()/PT
1	10	6625-00-682-4464	80058	ME-165()/G
1	11		80058	TT-76()/GGC(MOD)
1	12	5820-00-223-7548	80058	AN/GRC-106A
1	13	5985-00-892-0758	80058	AN/GRA-50
2	1	5815-00-937-5973	80058	C-7279/GRC-142
3	1	5995-00-453-9428	80058	CX-10507/G(9FT)
3	9	5995-00-937-8621	80058	CX-10508/G(6FT)
3	17	5995-00-937-8622	80058	CX-10509/G(12FT3 IN)
3	25	5995-00-937-8623	80058	CX-10510/G(11FT7 IN)
3	33	5995-00-248-4426	80058	CX-10511/G(5FT11 IN)
3	41	5995-00-453-9433	80058	CX-10512/G(10FT)
4	1	5995-01-163-0942	80063	SC-D-960025-003
4	8	5995-01-234-1237	80063	SC-D-960624-000
4	15		80058	CX-12330/G(1FT0I N)
5	1		80058	CX-10513/G(9FT6I N)
5	8		80058	CX-10513/G(7FT6I N)
5	15	5995-00-935-2542	80058	CX-10514/G(6FT9I N)
5	22	5995-00-937-8627	80058	CX-10514/G(9FT)
5	29	5995-00-937-8460	80058	CX-10515/G(6FT)
5	36	5995-00-248-4482	80058	CX-10515/G10FT
6	1	5995-00-937-8461	80058	CX-10516/G(4FT)
6	7	5995-00-937-8467	80058	CX-10517/G(4FT)
6	13	5995-00-937-8462	80058	CX-10518/G(6FT)
6	17	5995-00-937-8463	80058	CX-10519/G(6FT)
6	24	5995-00-937-8464	80058	CX-10520/G(4FT)
6	28	5995-00-789-3622	80058	CX-10531/G(4FT5I N)
7	1	5995-00-485-7526	80058	CX-10527/G(4FT)
7	6		80063	SM-C-613156
7	11	5995-00-937-8458	80058	CG-3366/U(1FT6IN )
7	18	6150-00-935-0257	80058	CX-10463/GRC-142 (15FT)
7	24		80063	SM-C-613338
7	28	5995-00-494-8261	80058	CG-2568A/U(6FT6I N)
8	1		80063	SM-C-613147
8	4		80063	SM-B-603148

## CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
8	8		80063	SM-B-603149
8	14	5995-00-935-5236	80058	CX-10951/G(50FT)
9	1	5995-00-937-8048	80058	CX-10523/G(6FT)
9	5		80063	SM-C-603125
9	8	5995-00-494-9602	80058	CX-10523/G(6FT6I N)
9	15	5995-00-248-4402	80058	CX10524G6FT
9	20		80063	SM-C-613349
9	26		80063	SM-C-613336
9	31		80063	SM-C-613337
9	33		80058	CX-10526/G(4FT6I N)
10	1		80063	SM-C-613155
10	6	5995-01-140-9303	80063	SM-C-613165
10	12		80063	SM-C-613166
10	18	5995-01-161-3831	80063	SM-C-613152
10	22	5995-01-293-2665	80063	SM-C-613236
11	1	5995-01-267-8089	80063	SM-B-603738
11	6		80063	SM-C-613147
13	19	6240-00-223-9100	81349	NE51
13	20	6210-00-753-2834	81349	LC14RD3
17	58		81349	F02A250V1.6A
17	61	6240-00-155-7836	96906	MS25237-327
17	62	6210-00-050-0582	81349	LC11GT2
18	1		03877	M1
18	2	5815-01-108-9180	80063	SM-C-685215
18	3		81349	ME-3-3-45
18	5	5975-00-224-5260	80058	MX-148/G
19	56		21450	D6566676
22	1		80063	SC-C-960732
22	2		80063	SC-D-960628-006
22	6	5305-01-006-3886	96906	MS51862-54
22	24		80063	SC-D-960663
22	25	5310-00-809-4058	96906	MS27183-10
22	26	5310-00-582-5965	96906	MS35338-44
22	27	5310-01-064-8787	96906	MS35425-70
22	28	6135-00-125-5256	80063	BA414U
22	29	5305-00-071-1324	96906	MS51960-67
22	30	5310-00-208-9255	96906	MS21044-C3
22	31		80063	SM-C-937445
22	32		80063	SM-C-937445
22	33	5895-01-049-0314	76786	662
22	38	6130-01-247-9149	10109	PS-417
22	39	5310-00-773-7618	96906	MS15795-814
22	40	5310-00-984-7042	96906	MS35338-141
22	41	5305-00-754-3104	96906	MS35308-359
23	2		81349	MIL-H-54647(ME)
23	25	5310-00-014-5850	96906	MS27183-42
23	30	6645-00-410-2395	57566	8910
23	35		80063	SM-D-613356-2
23	47		80063	SC-C-960710

## CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX		PART NUMBER
		STOCK NUMBER	FSCM	
23	48		98313	FDC-1152MI
23	49	5305-00-071-1324	96906	MS51960-67
23	50		80063	SC-A-47792-4
23	51	5310-00-208-9255	96906	MS21044-C3
24	41		99539	FR2-3/4-11848
29	22		80063	SM-D-613356-2
29	28		80063	SC-D-960628-022
29	29	5995-01-234-1238	80063	SC-D-960625-004
30	2	5310-00-809-8544	96906	MS27183-7
30	3	5305-00-984-6193	96906	MS35206-245
30	4	6240-00-152-2996	80063	SC-C-539495
30	5		80063	SC-B-681040-2
30	6	6210-00-921-6682	80063	SC-C-539466
30	8	5340-00-134-3782	80063	SC-B-539558
30	14		80063	SC-C-539561GP2
30	17	6250-00-194-4794	80063	SC-B-539504
30	18	6250-00-146-1636	80063	SC-C-539560GP2
30	19		08806	25T8DC
30	28		80063	SC-C-539466-1
30	29	5305-00-984-6193	96906	MS35206-245
30	30	5310-00-809-8544	96906	MS27183-7
32	1	7110-00-273-8791	80063	SM-D-613130

By Order of the Secretary of the Army:

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 10 July 1975

PUBLICATION NUMBER

TM 11-5840-340-20P

PUBLICATION DATE

23 Jan 78

PUBLICATION TITLE

Radar Set AN/PRC-76

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PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
33			
44		19	
45			

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

For item 2, change the NSN to read: 5835-00-134-9186.  
Reason: Accuracy.

Identify the cover on the junction box (item no. 5).  
Reason: It is a separate item and is not called out on figure 19.

Add the cover of the junction box as an item in the listing for figure 19.  
Reason: Same as above

SAMPLE

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TEAR ALONG PERFORATED LINE



# THE METRIC SYSTEM AND EQUIVALENTS

## WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches  
 1 Kilometer = 1000 Meters = 0.621 Miles

## WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1000 Grams = 2.2 lb.  
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

## LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

## SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches  
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet  
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

## CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches  
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

## TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

## APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



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