

**TECHNICAL MANUAL**

**UNIT AND DIRECT SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
FOR  
COMMUNICATIONS SYSTEM  
AN/FSQ-1 58(V)1  
(NSN 5895-01-288-9884 (EIC: N/A)  
AND  
AN/FSQ-1 58(V)2  
(NSN 5895-01-288-9885) (EIC: N/A)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**15 JUNE 1997**

**Unit and Direct Support Maintenance  
 Repair Parts And Special Tools List  
 For  
 COMMUNICATIONS SYSTEM  
 AN/FSQ-1 58(V)1  
 (NSN 5895-01-288-9884) (EIC: N/A)  
 AND  
 AN/FSQ-158(V)2  
 (NSN 5895-01-288-9885) (EIC: N/A)**

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**SECTION I**  
**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 the performance of unit and direct support and general support maintenance of the AN/FSQ-158(V)1 and (V)2. 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**

In addition to Section I, 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 item number sequence. Figure numbers are listed directly beneath the group header. Bulk materials are listed in item name sequence. Repair part kits are listed separately in their own functional group within Section II. Repair parts for reparable special tools are also listed in this section. Items listed are shown on the associated illustration.

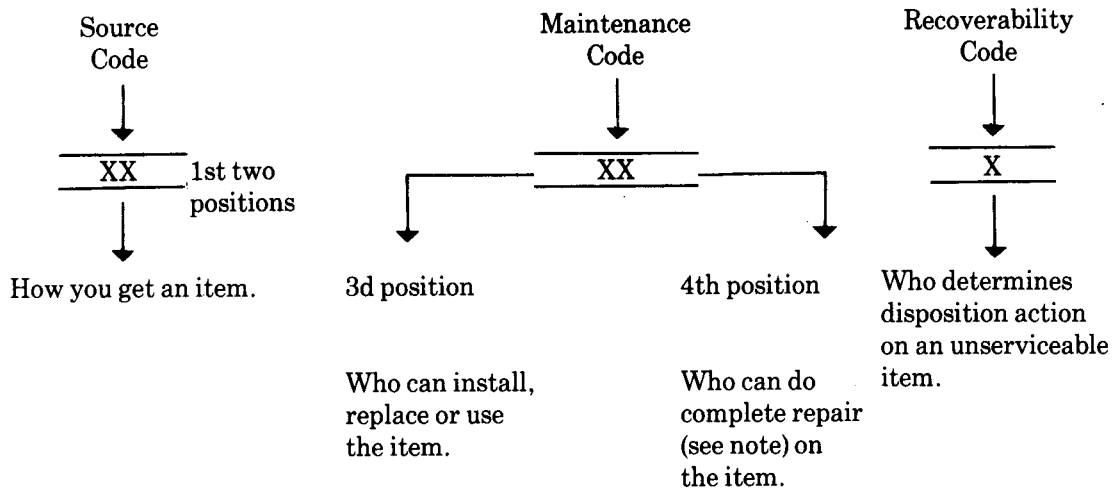
*b. Section III. Special Tools List.* Not applicable.

*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 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.

**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:

**Code**

**Explanation**

PA  
PB  
PC  
PD  
PE  
PF  
PG

Stocked items: use the applicable NSN to request/requisition items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.

**NOTE**

**Items coded PC are subject to deterioration.**

KD  
KF  
KE

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 requisitioned and applied.

MO—Made at  
org/AVUM  
category  
MF—Made at  
DS/AVUM  
category  
MH—Made at  
GS category  
MI.—Made at  
Specialized Repair  
Activity (SRA)  
MD—Made at  
Depot

Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. 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.

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.

<b>Code</b>	<b>Application/Explanation</b>
XA	- Do not requisition an "XA" coded item. Order its next higher assembly. (Also, refer to 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 by 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 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.

<b>Code</b>	<b>Application/Explanation</b>
C	- Crew or operator maintenance done within organizational or aviation maintenance.
O	- Unit 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.**

<b>Code</b>	<b>Application/Explanation</b>
O	- Unit 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.
Z	- Nonreparable. No repair is authorized.
B	- No repair is authorized. (No parts or special tools are assigned for the maintenance of a "B" coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user category.

(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:

<b>Recoverability</b>	
<b>Code</b>	<b>Application/Explanation</b>
Z	- Nonreparable item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR code.
O	- Repairable item. When uneconomically repairable, condemn and dispose of the item at organizational or aviation unit category.

**Recoverability  
Code**

**Application/Explanation**

- F - Repairable item. When uneconomically repairable, condemn and dispose of the item at direct support or aviation intermediate category.
- H - Repairable item. When uneconomically repairable, condemn and dispose of the item at general support category.
- D - Repairable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.
- L - Repairable 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. NSN (Column (3)).* Indicates the national stock number assigned to the manufacturer's part number. The national stock number consists of 13 digits.

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

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

**NOTE**

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

*f. Description and Usable on Code (UOC) (Column (6)).* This column includes the following information.

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

(2) In the Special Tools section, the basis of issue (BOI) appears as the last line in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.

(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.

*g. Qty (Column (7)).* 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) sequence.

(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 alphanumeric sequence.

(1) CAGEC column. This column lists the Commercial and Government Entity Code (CAGEC).

- (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 CAGEC 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.

**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 first line applicable item description nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in this RPSTL are:

<b>Code</b>	<b>Used on</b>
HVU	AN/FSQ-158(V)1
JGJ	AN/FSQ0158(V)2

*b. Assembly Instructions.* Detailed assembly instructions for items source coded to be assembled from component spare/repair parts are found in TM 11-5895-1328-13. Items that make up the assembly are listed immediately following the assembly item entry or reference is made to an applicable figure.

*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 AN/FSQ-1 58(V)1 and (V)2 and its components:

TM 11-5895-1328-13	Communications System, AN/FSQ-158(V)1 and (V)2
TM 11-5895-1328-23P	Communications System, AN/FSQ-158(V)1 and (V)2
TM 11-5895-1124-14	Converter, Frequency Electronic, CV-3654/G and CV-3655/G
TM 11-5895-1124-24P	Converter, Frequency Electronic, CV-3654/G and CV-3655/G

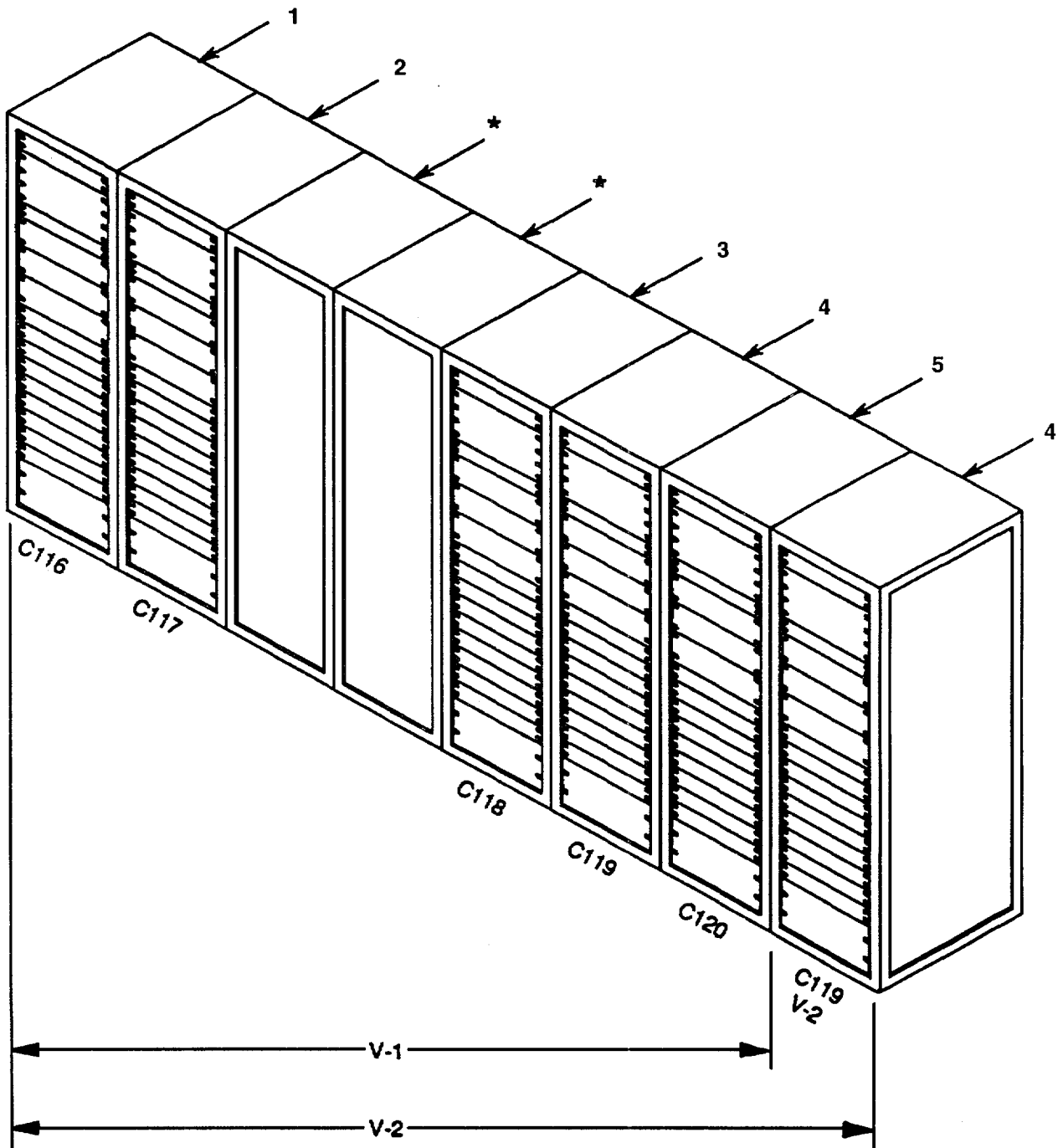
**6. HOW TO LOCATE REPAIR PARTS**

- 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 Lists 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.
- b. 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 alphanumeric 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.



\* NOT PART OF AN/FSQ-158M(V)  
OR AN/FSQ-158(V)2.

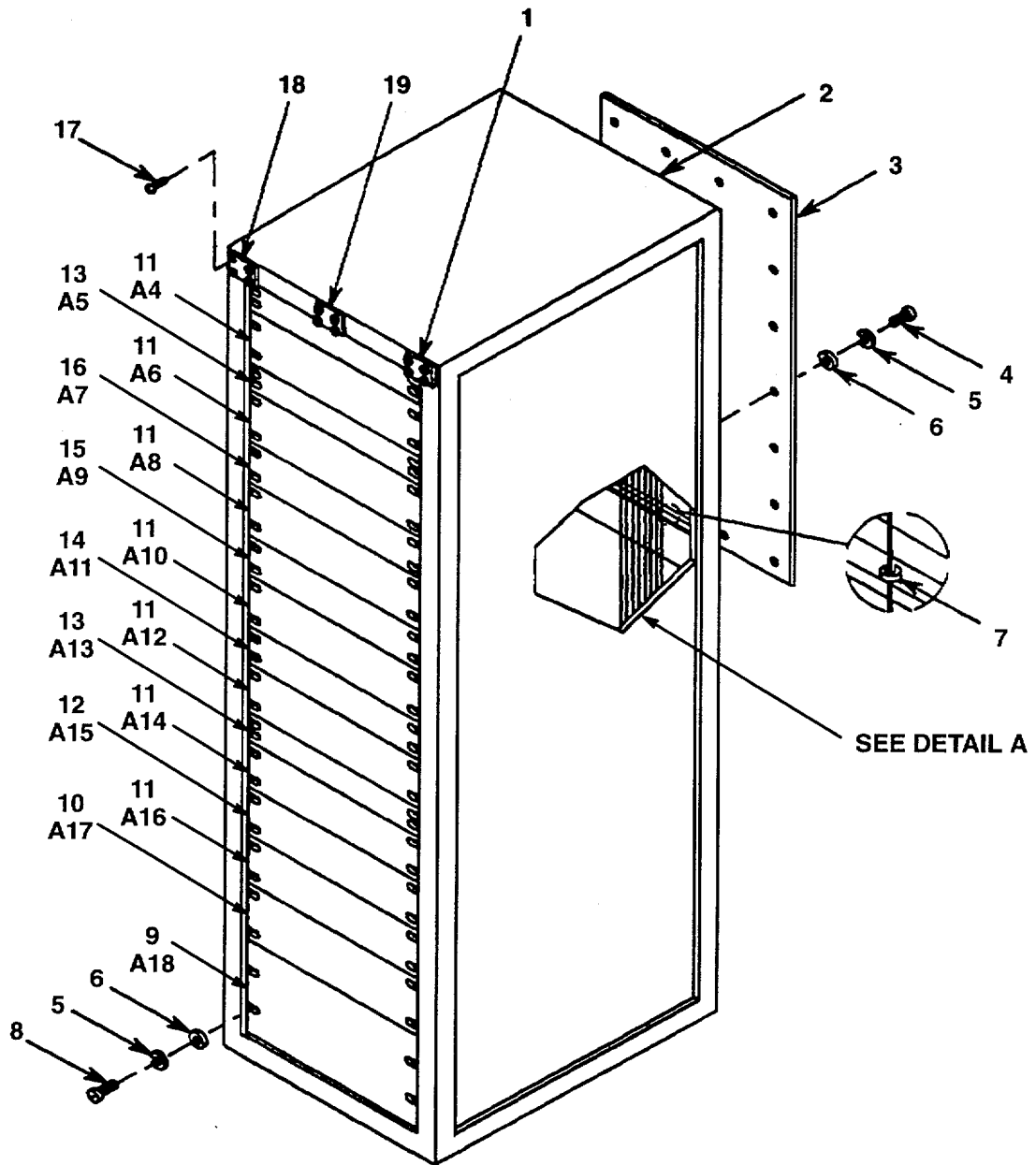
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Figure 1. Communications System, AN/FSQ-158(V) 1 & 2

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
COMMUNICATIONS SYSTEM, AN/FSQ-158(V)1 AND 2						
FIGURE 1.						
1	PDFFF	5895012894679	80058	OU-167/FSQ-158(V	CONVERTER GROUP, SIG SEE FIGURE 2..... ) FOR PARTS BREAKDOWN.....	1
2	PDFFF		80058	OU-168/FSQ-158(V	CONVERTER GROUP SEE FIGURE 13 FOR..... ) PARTS BREAKDOWN.....	1
3	PDFFF	5895012894677	80058	OU-169/FSQ-158(V	COMMUNICATION SYSTE SEE FIGURE 21..... ) FOR PARTS BREAKDO WN.....	1
4	PDFFF	5895012894681	80058	OU-170/FSQ-158(V	CONVERTER GROUP,SIG SEE FIGURE 28..... ) FOR PARTS BREAKDOWN..... UOC:HVU	1
4	PDFFF	5895012894681	80058	OU-170/FSQ-158(V	CONVERTER GROUP, SIG SEE FIGURE 28..... ) FOR PARTS BREAKDOWN..... UOC:JGJ	2
5	PDFFF	5895012894680	80058	OU-171/FSQ-158(V	CONVERTER GROUP, SIG SEE FIGURE 35..... ) FOR PARTS BREAKDOWN.....	1
END OF FIGURE						



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Figure 2. Converter Group, OU-167/FSQ-158(V) C116 Rack 1 (A3015099) (Sheet 1 of 2)

DETAIL A

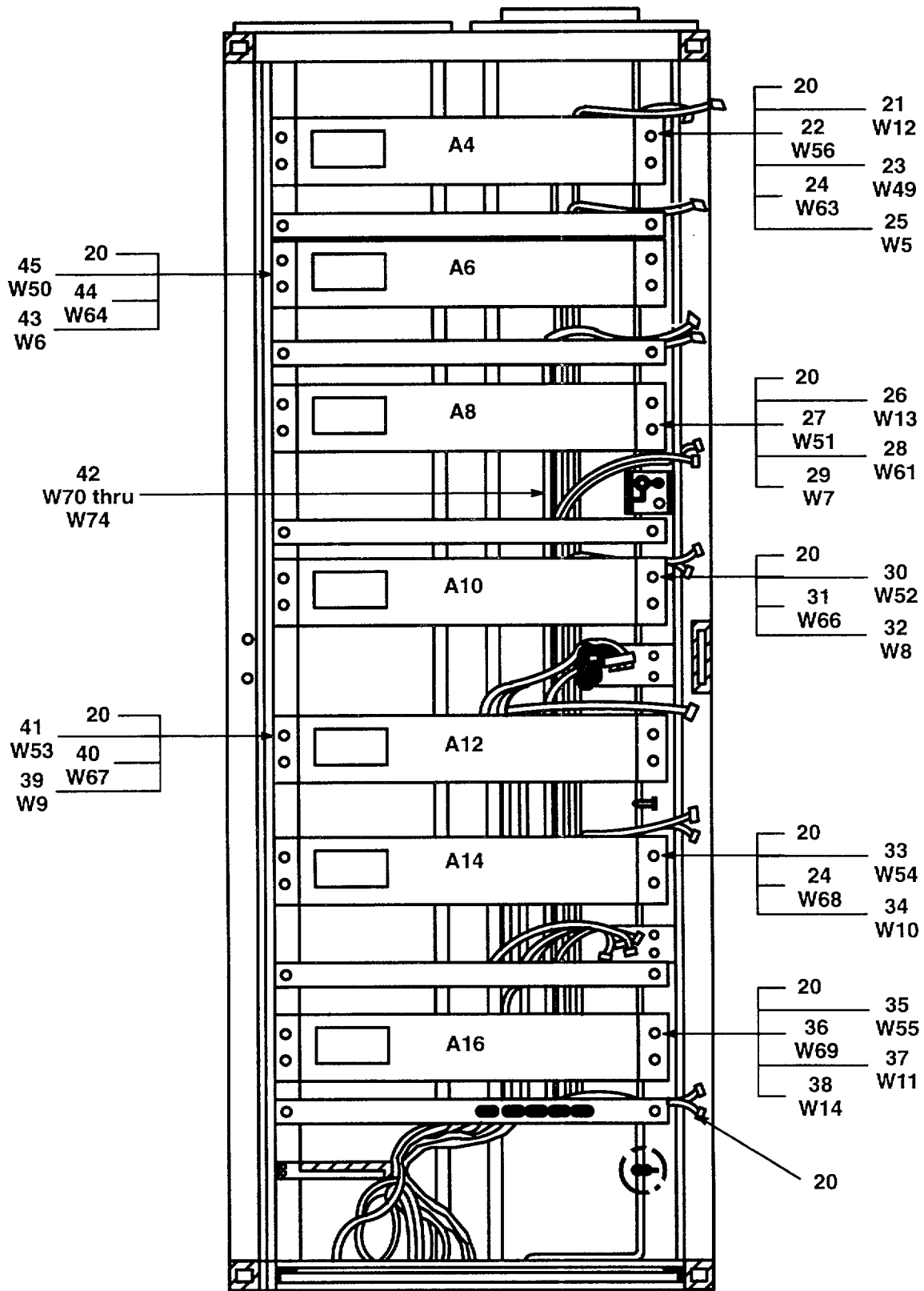


Figure 2. Converter Group, OU-167/FSQ-158(V) C116 Rack 1 (A3015099) (Sheet 2 of 2)

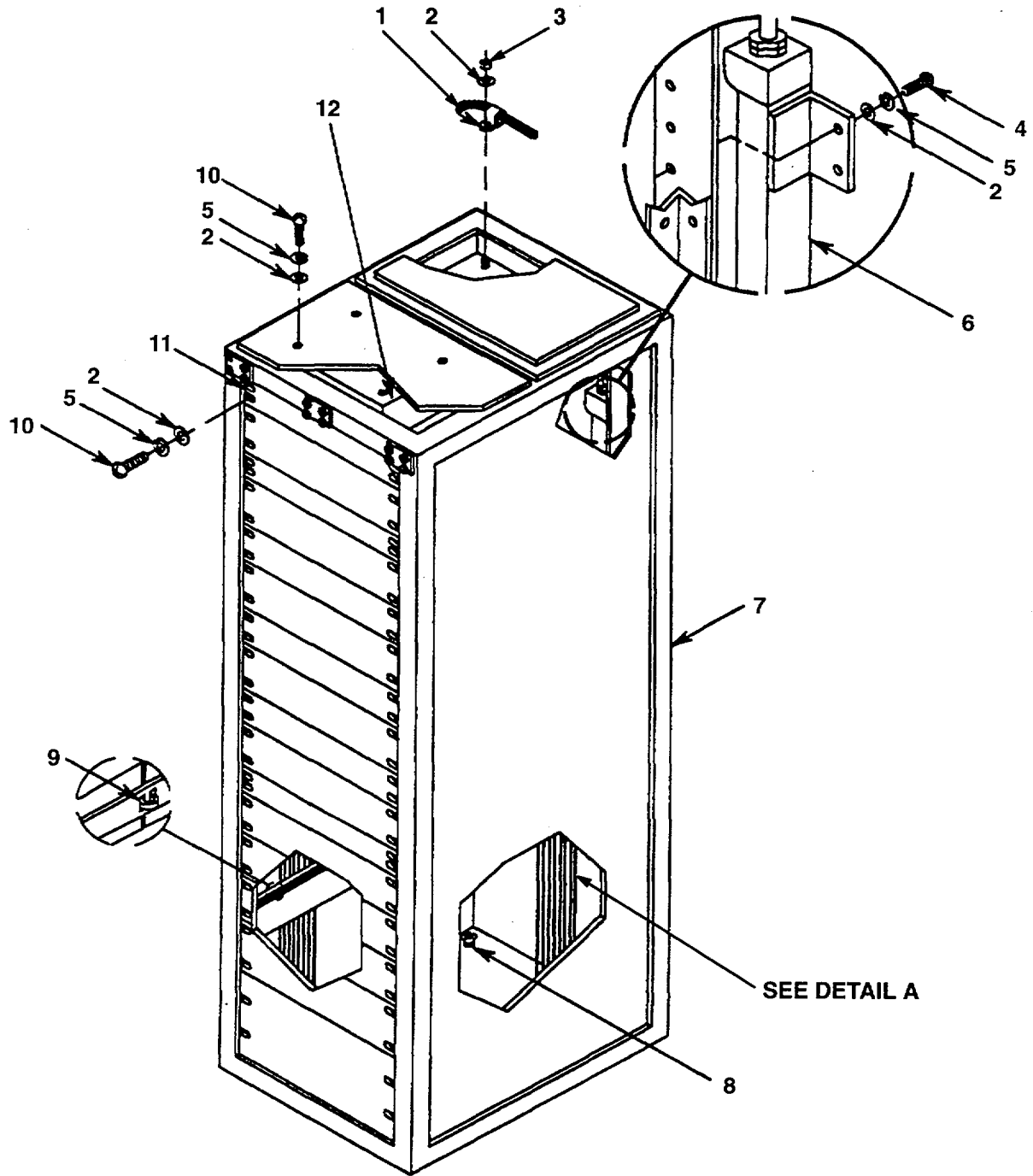
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					CONVERTER GROUP,OU-167/FSQ-158(V) C116 RACK 1(A3015099)	
					FIGURE 2.	
1	XBFZZ		80063	A3015191-13	NAMEPLATE, NOMENCLAT .....	1
2	XBFFF		80063	A3015446	ELECTRICAL INSTALLA SEE FIGURE 3 .....	1
					FOR PARTS BREAKDOWN .....	
3	XBFZZ	80063		A3015136	REAR ACCESS PANEL .....	2
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	76
5	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	140
6	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	140
7	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN .....	1
8	PAFZZ	5305009897435	96906	M535207-264	SCREW, MACHINE .....	64
9	XBFZZ		80063	SM-D-859872-4	PANEL, BLANK .....	1
10	PBODD		28480	HP5087A-032/908/ C15	DISTRIBUTION AMPLIF .....	1
11	PBODD	5895010936968	80058	CV-3655/G	CONVERTER, FREQUENCY SEE TM11-5895- 1124-24P .....	7
12	XBOFF		80063	A3015315	RF POWER PANEL SEE FIGURE 8 FOR PARTS BREAKDOWN .....	1
13	XBFZZ		80063	SM-D-859872-1	PANEL, BLANK .....	2
14	PBODD	5999012877130	80063	A3015316	ELECTRONIC COMPONEN SEE FIGURE FOR PARTS BREAKDOWN .....	1
15	XBOFF		80063	A3015305	RF-PATCH PANEL SEE FIGURE 9 FOR PARTS BREAKDON .....	1
16	XBOFF		80063	A3015310	IF PATCH PANEL SHEL SEE FIGURE 10 FOR PARTS BREAKDOWN .....	1
17	PAFZZ	5305002535614	96906	M5213518-20	SCREW, DRIVE .....	12
18	XBFZZ		80063	A3015192-13	NAMEPLATE, COMMON TI .....	1
19	XBFZZ		80063	SM-C-860838	IDENTIFICATION PLAT .....	1
20	XBOZZ		80063	A3015417-1	CABLE ASSEMBLY, CONT .....	1
21	XBOZZ		80063	A3015413	CABLE ASSEMBLY, CONT .....	1
22	XBOZZ		80063	A3015408-8	CABLE ASSEMBLY, IF T .....	1
23	XBOZZ		80063	A3015408-1	CABLE ASSEMBLY, IF T .....	1
24	PBOZZ	5995013700149	80063	A3015361-9	CABLE ASSEMBLY, POWE .....	1
25	XBOZZ		80063	A3015411-1	CABLE ASSEMBLY, 5 MH .....	1
26	XBOZZ		80063	A3015415	CABLE ASSEMBLY, CONT .....	1
27	XBOZZ		80063	A3015408-3	CABLE ASSEMBLY, IF T .....	1
28	PBOZZ	5995013700166	80063	A3015361-6	CABLE ASSEMBLY, POWE .....	1
29	XBOZZ		80063	A3015411-3	CABLE ASSEMBLY, 5 MH .....	1
30	XBOZZ		80063	A3015408-4	CABLE ASSEMBLY, IF T .....	1
31	PBOZZ	5995013700165	80063	A3015361-5	CABLE ASSEMBLY, POWE .....	1
32	XBOZZ		80063	A3015411-4	CABLE ASSEMBLY, 5 MH .....	1
33	XBOZZ		80063	A3015408-6	CABLE ASSEMBLY, IF T .....	1
34	XBOZZ		80063	A3015411-6	CABLE ASSEMBLY, 5 MH .....	1
35	XBOZZ		80063	A3015408-7	CABLE ASSEMBLY, IF T .....	1
36	PBOZZ	5995013700151	80063	A3015361-11	CABLE ASSEMBLY, POWE .....	1
37	XBOZZ		80063	A3015411-7	CABLE ASSEMBLY, 5 MH .....	1
38	XBOZZ		80063	A3015414	CABLE ASSEMBLY, CONT .....	1
39	XBOZZ		80063	A3015411-5	CABLE ASSEMBLY, 5 MH .....	1

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
40	PBOZZ	5995013700167	80063	A3015361-7	CABLE ASSEMBLY, POWE .....	1
41	XBOZZ		80063	A3015408-5	CABLE ASSEMBLY, IF T .....	1
42	PBOZZ	5995013700150	80063	A3015361-10	CABLE ASSEMBLY, POWE .....	1
43	XBOZZ		80063	A3015411-2	CABLE ASSEMBLY, 5 MH .....	1
44	PBOZZ	5995013700148	80063	A3015361-8	CABLE ASSEMBLY, POWE .....	1
45	XBOZZ		80063	A3015408-2	CABLE ASSEMBLY, IF T .....	1

END OF FIGURE



CE2D0515

Figure 3. Electrical Installation, FCS Up Converter (A3015446) (Sheet 1 of 2)



DETAIL A

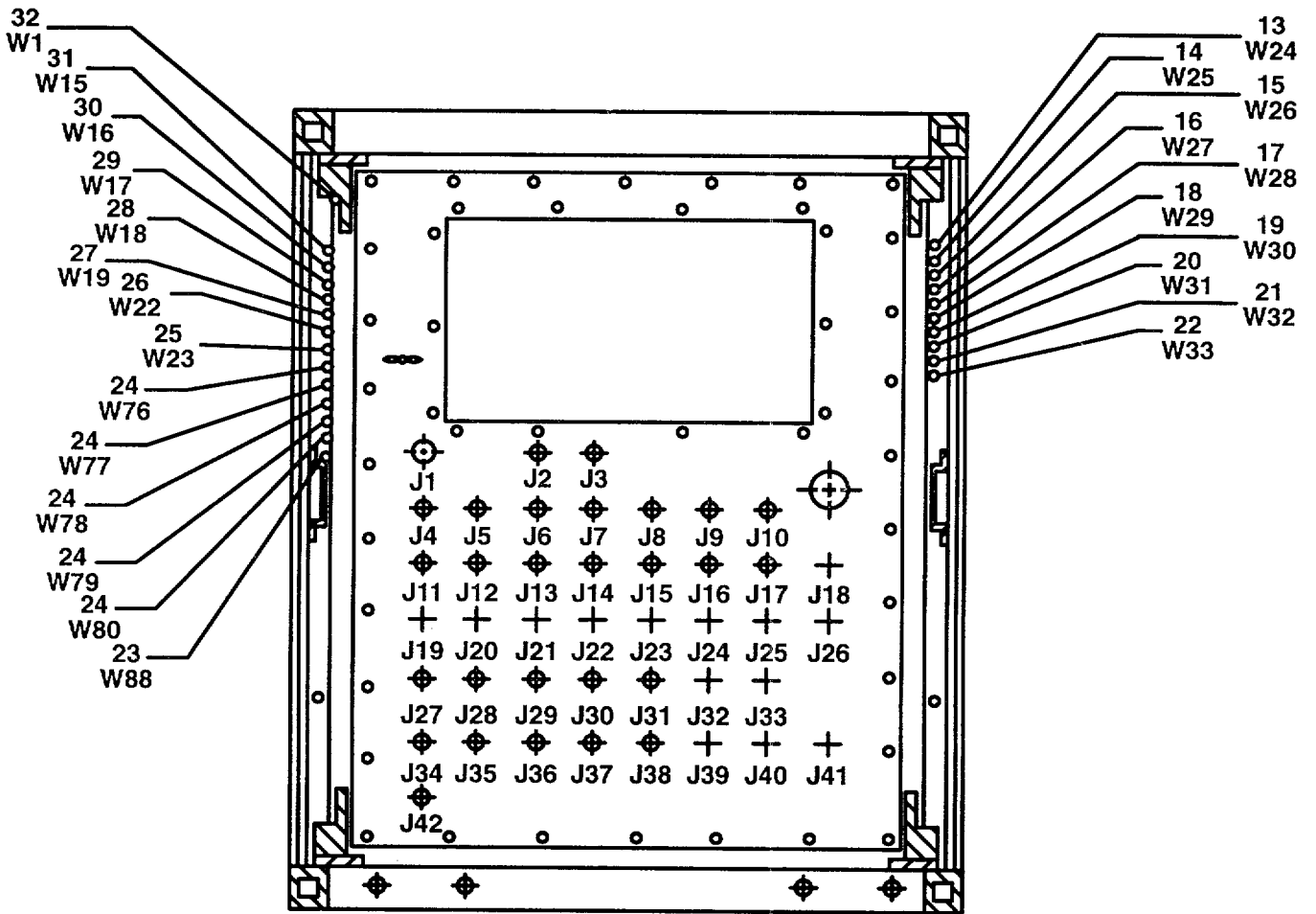
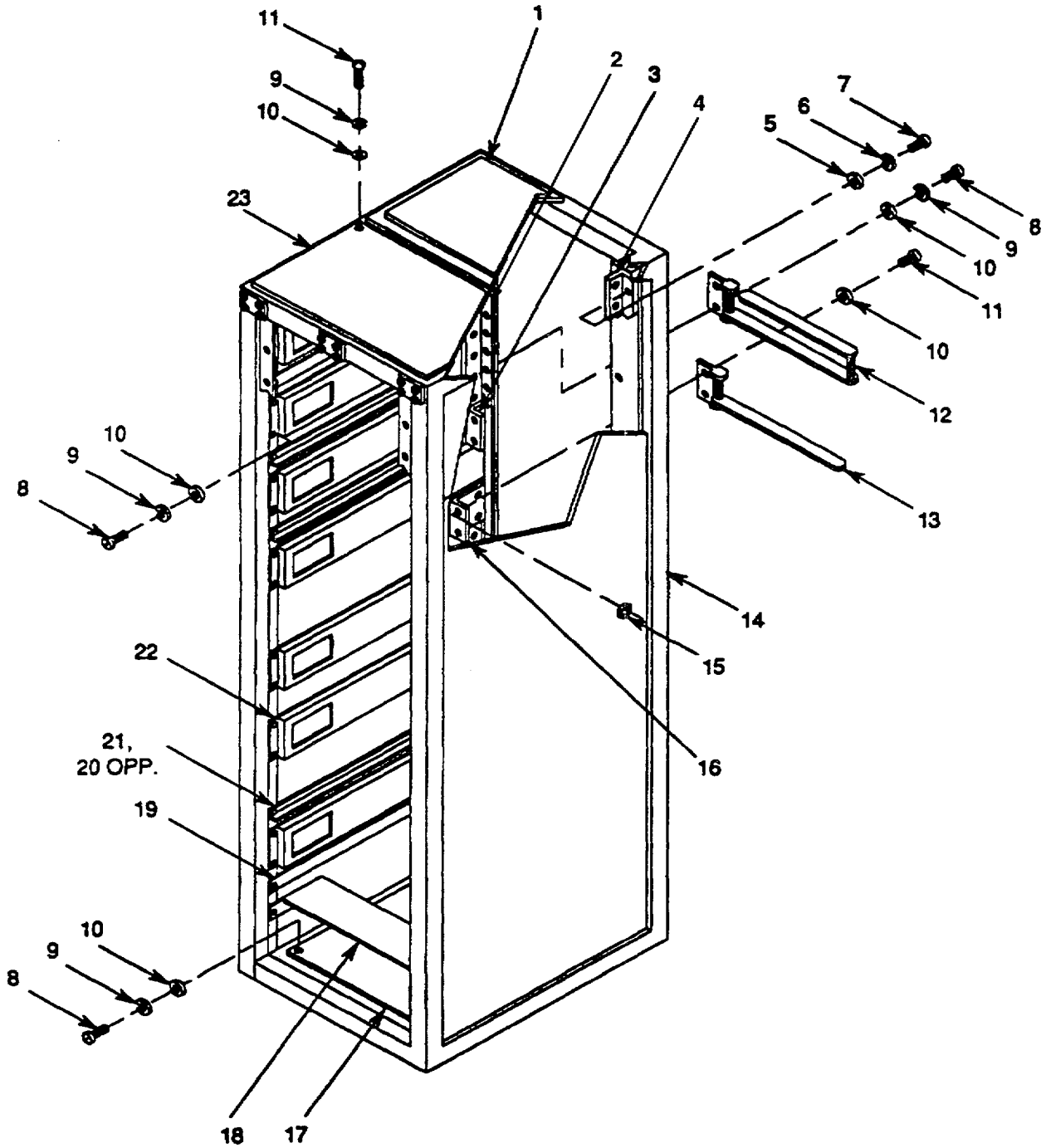


Figure 3. Electrical Installation, FCS Up Converter (A3015446) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					ELECTRICAL INSTALLATION,FCS UP CONVERTER(A3015446)	
					FIGURE 3.	
1	PAFZZ	5340008961082	96906	MS25281-F8	CLAMP, LOOP .....	1
2	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	17
3	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
4	PAFZZ	5305009931848	96906	M535207-265	SCREW, MACHINE .....	8
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	16
6	XBOZZ		80063	A3015119-16	CABLE ASSEMBLY RACE .....	1
7	XBFFF		80063	A3015439	BRACKET INSTALLATIO SEE FIGURE 4..... FOR PARTS BREAKDOWN .....	1
8	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
9	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN CIIC(E) .....	1
10	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	8
11	PAOFF	6110012878199	80063	A3015406	PANEL, POWER BUS,CIR SEE FIGURE 6..... FOR PARTS BREAKDOWN .....	1
12	XBOFF		80063	A3015249	FILTER BOX ASSEMBLY SEE FIGURE 7 .....	1
13	XBOZZ		80063	A3015409-1	FOR PARTS BREAKDOWN .....	1
14	XBOZZ		80063	A3015409-2	CABLE ASSEMBLY, IF, I .....	1
15	XBOZZ		80063	A3015409-3	CABLE ASSEMBLY, IF, I .....	1
16	XBOZZ		80063	A3015409-4	CABLE ASSEMBLY, IF, I .....	1
17	XBOZZ		80063	A3015409-5	CABLE ASSEMBLY, IF, I .....	1
18	XBOZZ		80063	A3015409-6	CABLE ASSEMBLY, IF,I .....	1
19	XBOZZ		80063	A3015409-7	CABLE ASSEMBLY, IF .....	1
20	XBOZZ		80063	A3015409-8	CABLE ASSEMBLY, IF, I .....	1
21	XBOZZ		80063	A3015409-9	CABLE ASSEMBLY, IF, I .....	1
22	XBOZZ		80063	A3015409-10	CABLE ASSEMBLY, IF, I .....	1
23	XBOZZ		80063	A3045410	CABLE ASSEMBLY, 5MH .....	1
24	PBOZZ		17217	R2N01N62078.0	MICROWAVE CABLE ASS .....	5
25	XBOZZ		80063	A3015485	MECHANICAL GROUND U .....	1
26	XBOZZ		80063	A3015412	CABLE ASSEMBLY, REM .....	1
27	XBOZZ		80063	A3015416-5	CABLE ASSEMBLY, CON .....	1
28	XBOZZ		80063	A3015416-4	CABLE ASSEMBLY, CON .....	1
29	XBOZZ		80063	A3015416-3	CABLE ASSEMBLY, CON .....	1
30	XBOZZ		80063	A3015416-2	CABLE ASSEMBLY, CON .....	1
31	XBOZZ		80063	A3015416-1	CABLE ASSEMBLY .....	1
32	XBOZZ		80063	A3015230-2	CABLE ASSEMBLY-BREE .....	1

END OF FIGURE

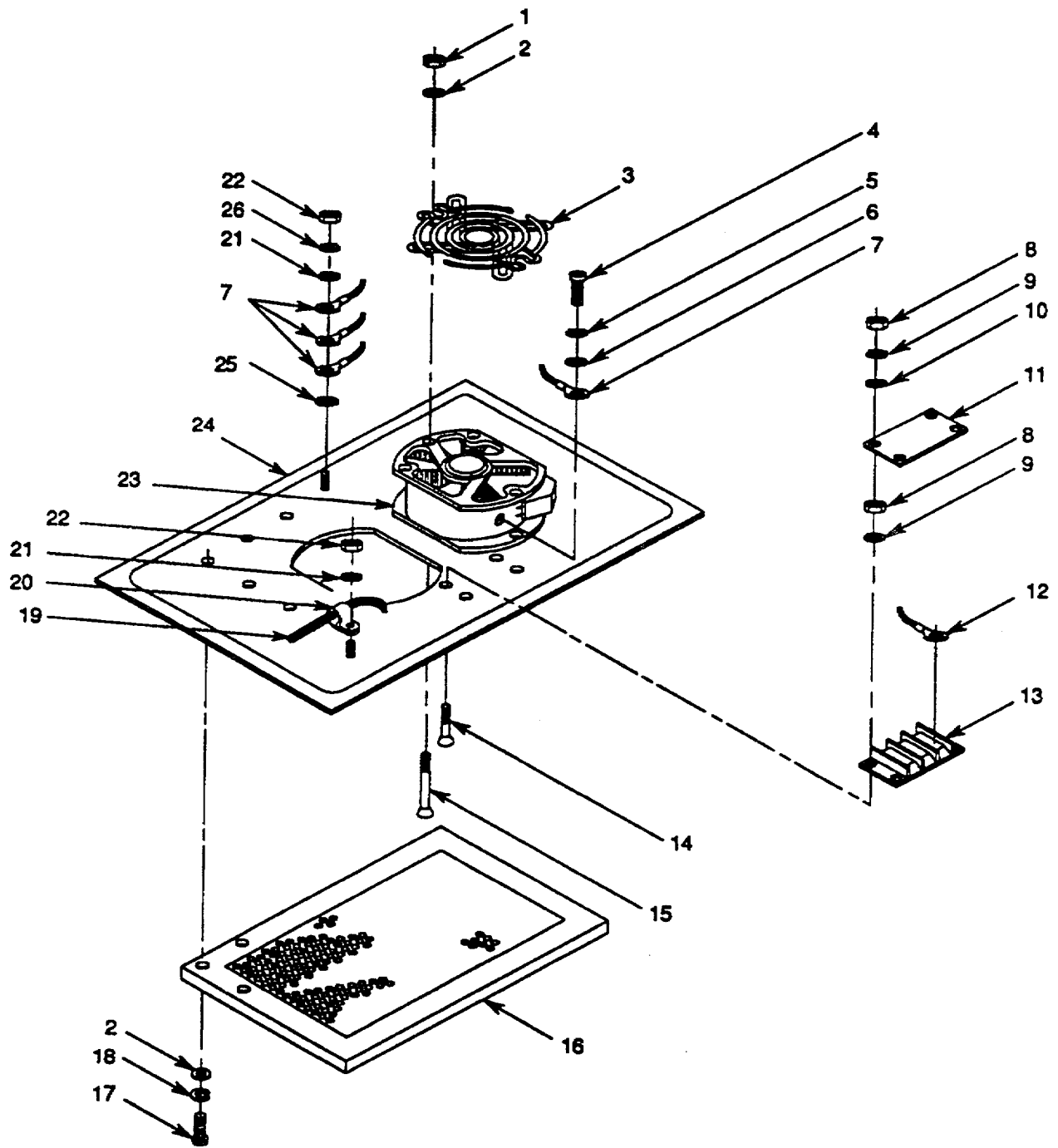


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Figure 4. Bracket Installation, FCS Up Converter (A3015439)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
BRACKET INSTALLATION,FCS UP CONVERTER(A3015439)						
FIGURE 4.						
1	XBFFF		80063	A3015269-5	BLOWIER ASSEMBLY SEE FIGURE 5 FOR .....	1
2	XBFZZ		80063	A3015109-2	PARTS BREAKDOWN .....	
3	XBFZZ		80063	A3015733-1	BRACKET ASSEMBLY PI .....	2
4	XBFZZ		80063	A3015109-1	ANGLE BRACKET .....	1
5	PAFZZ	5310008094058	96906	MS27183-10	BRACKET ASSEMBLY PI .....	2
6	PAFZZ	5310005825965	96906	M535338-44	WASHER, FLAT .....	36
7	PAFZZ	5305002253843	80204	B1821BH025C100N	WASHER, LOCK .....	36
8	PAFZZ	5305009897435	96906	M535207-264	SCREW, CAP, HEXAGON H .....	36
9	PAFZZ	5310000453296	96906	MS35338-43	SCREW, MACHINE .....	128
10	PAFZZ	5310000145850	96906	M527183-42	WASHER, LOCK .....	172
11	PAFZZ	5305009931848	96906	MS535207-265	WASHER, FLAT .....	184
12	XBFZZ	5340011211578	80063	SM-C-861006	SCREW, MACHINE .....	50
15	XBFZZ		80063	A3015735	RETRACTOR, CABLE .....	7
14	XBFZZ		80063	A3015138	CABLE RETRACTOR-MOD .....	3
15	PAFZZ	5310008775797	96906	MS21044-N3	CABINET DRILLED .....	1
16	XBFZZ		80063	A3015733-2	NUT, SELF-LOCKING, HE .....	6
17	XBFZZ		80063	A3015401	ANGLE BRACKET .....	2
18	XBFZZ		80063	SM-C-860570-1	INTERFACE PANEL SUB .....	1
19	XBFZZ		80063	A3015201	BRACKET CABLE SUPPO .....	1
20	XBFZZ		80063	A3015407-2	BRACKET, CABLE SUPPO .....	4
21	XBFZZ		80063	A3015407-1	SUPPORT, EQPT MOUNTI .....	3
22	XBFZZ		80063	A3015367	SUPPORT, EQPT MOUNTI .....	3
23	XBFZZ		80063	A3015257	SLIDE SUPPORT BRACK .....	14
					FILTER PANEL ASSEMB .....	1

END OF FIGURE

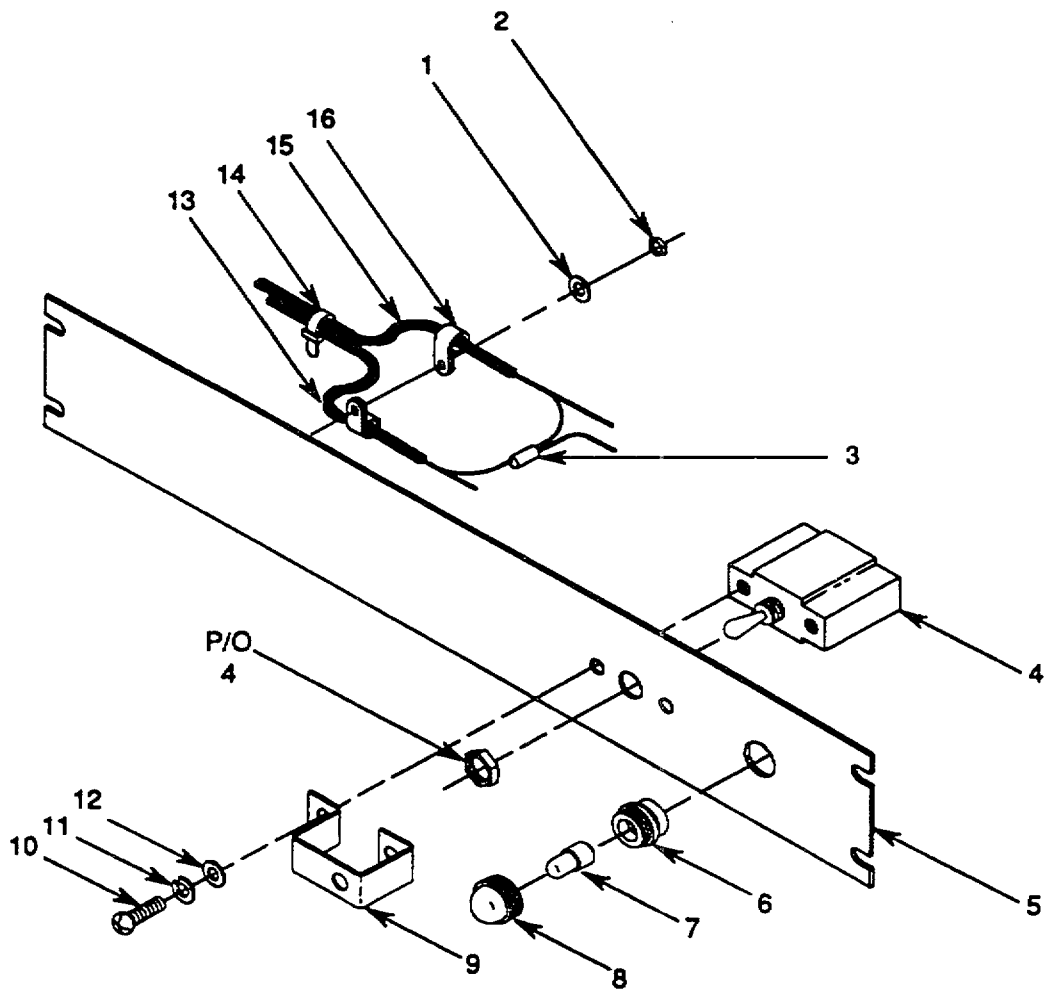


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Figure 5. Blower Assembly (A3015269-5)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
BLOWER ASSEMBLY(A3015269-5)						
FIGURE 5.						
1	PAFZZ	5310008113494	96906	MS21044N08	NUT, SELF-LOCKING, HE .....	4
2	PAFZZ	5310007653197	96906	MS27183-41	WASHER, FLAT .....	18
3	XBFZZ		82877	550272	GUARD, FINGER .....	2
4	PAFZZ	5305009906444	96906	MS35207-261	SCREW, MACHINE .....	2
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	2
6	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	2
7	PAFZZ	5940001434780	96906	MS25056-108	TERMINAL, LUG .....	5
8	PAFZZ		96906	MS35649-262N	NUT, PLAIN, HEXAGON .....	8
9	PAFZZ	5310000454007	96906	MS35338-41	WASHER, LOCK .....	8
10	PAFZZ		96906	MS27183-6	WASHER, FLAT RD t6 .....	4
11	XBFZZ		80063	A3015859	TERMINAL BOARD COVE .....	1
12	PAFZZ	5940001138179	96906	M525036-107	TERMINAL, LUG .....	3
13	PAFZZ	5940009836045	81349	37TB-4	TERMINAL BOARD .....	1
14	PAFZZ	5305009576638	96906	M535190-243	SCREW, MACHINE .....	4
15	PAFZZ	5305009592675	96906	MS35190-263	SCREW, MACHINE .....	4
16	PAFZZ	5940001138179	80063	A3015156	FILTER, RADIO .....	3
17	PAFZZ	5305009846197	96906	MS35206-249	SCREW, MACHINE .....	14
18	PAFZZ	5310000453299	96906	M535338-42	WASHER, LOCK .....	14
19	XBOZZ		80063	A3015267-5	CABLE ASSEMBLY, BLOW .....	1
20	PAFZZ		96906	MS21104D7	CLAMP, LOOP TYPE CUS .....	1
21	PAFZZ	5310000455207	96906	MS15795-908	WASHER, FLAT .....	2
22	PAFZZ	5310009349766	96906	MS35650-305B	NUT, PLAIN, HEXAGON .....	2
23	XBFZZ		80063	A3015157	FAN TUBEAXIAL .....	2
24	XBFZZ		80063	A3015129	BLOWER PANEL ASSEMB .....	1
25	PAFZZ	5310009425110	96906	MS35335-88	WASHER, LOCK .....	1
26	PAFZZ	5310002618278	96906	MS35338-100	WASHER, LOCK .....	1

END OF FIGURE



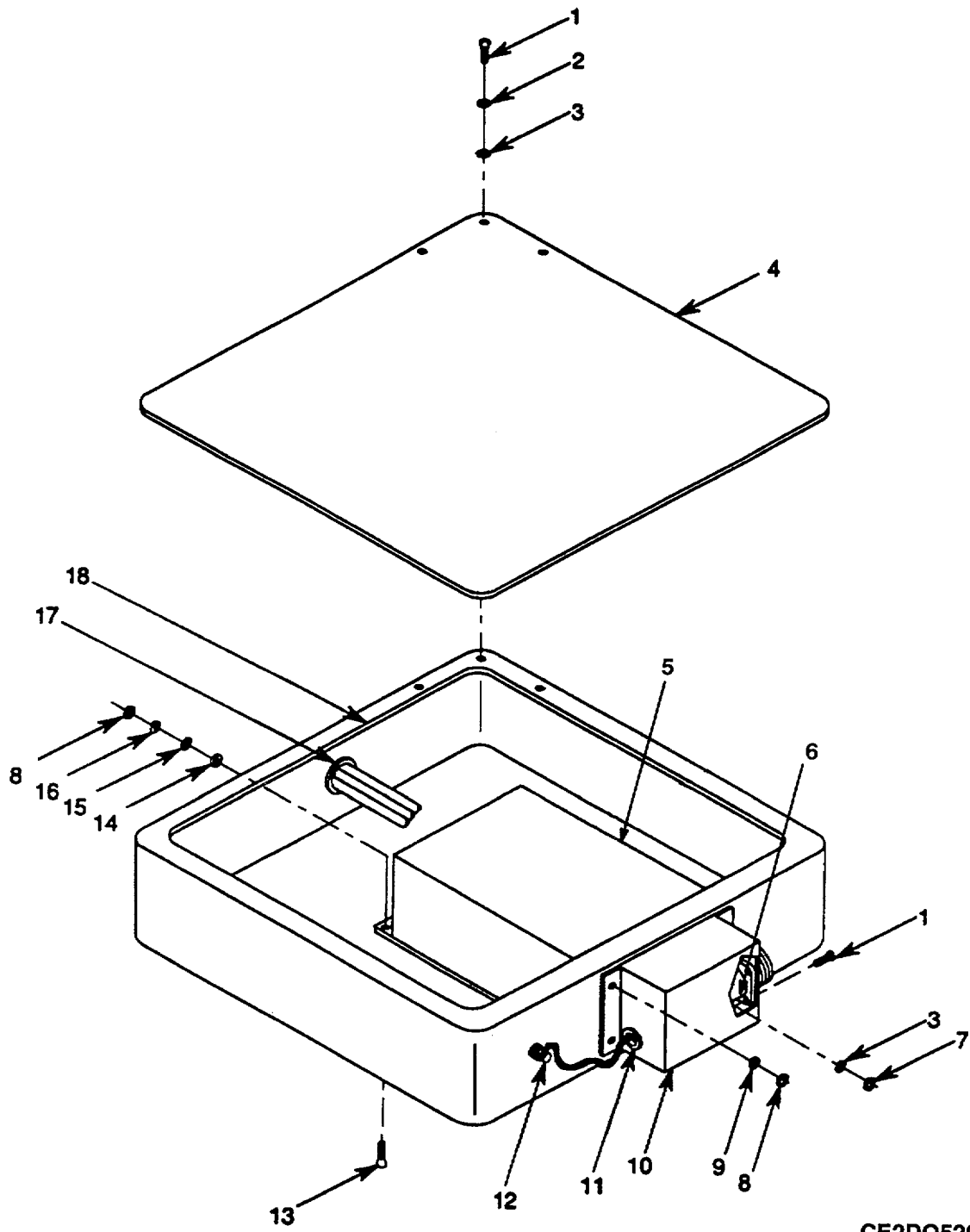
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Figure 6. Panel Assembly, Power Switch (A3015406)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					PANEL ASSEMBLY,POWER SWITCH (A3015406)	
					FIGURE 6.	
1	PAFZZ	5305008892999	96906	M535206-217	SCREW, MACHINE .....	26
2	PAFZZ		96906	MS25338-40	WASHER, LOCK .....	22
3	PAFZZ	5310009501310	96906	M527183-4	WASHER, FLAT .....	26
4	XBFZZ		80063	A3015225	COVER ASSEMBLY .....	1
5	PAFZZ		81349	M15733-0008	FILTER POWER DUAL C .....	1
6	XBOZZ		80063	A3015256	CABLE ASSEMBLY-FILT .....	1
7	PAFZZ	5310000880551	96906	MS21044N04	NUT, SELF-LOCKING, HE .....	4
8	PAFZZ	5310009349751	96906	MS35650-302	NUT, PLAIN, HEXAGON .....	6
9	PAFZZ	5310005435060	96906	MS35338-39	WASHER, LOCK .....	4
10	XBFZZ		80063	A3015287	WRAPAROUND .....	1
11	PAFZZ	5325002766228	96906	M535489-9	GROMMET, NONMETALLIC .....	1
12	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY,TURN .....	1
13	PAFZZ	5305009847342	96906	MS35191-274	SCREW, MACHINE .....	2
14	XBFZZ		80063	SM-B-982566-2	SPACER, 0.250 .....	2
15	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	2
16	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	2
17	XBOZZ		80063	A3015255	CABLE ASSEMBLY-FILT .....	1
18	XBFZZ		80063	A3015226	BOX WELDED ASSEMBLY .....	1

END OF FIGURE



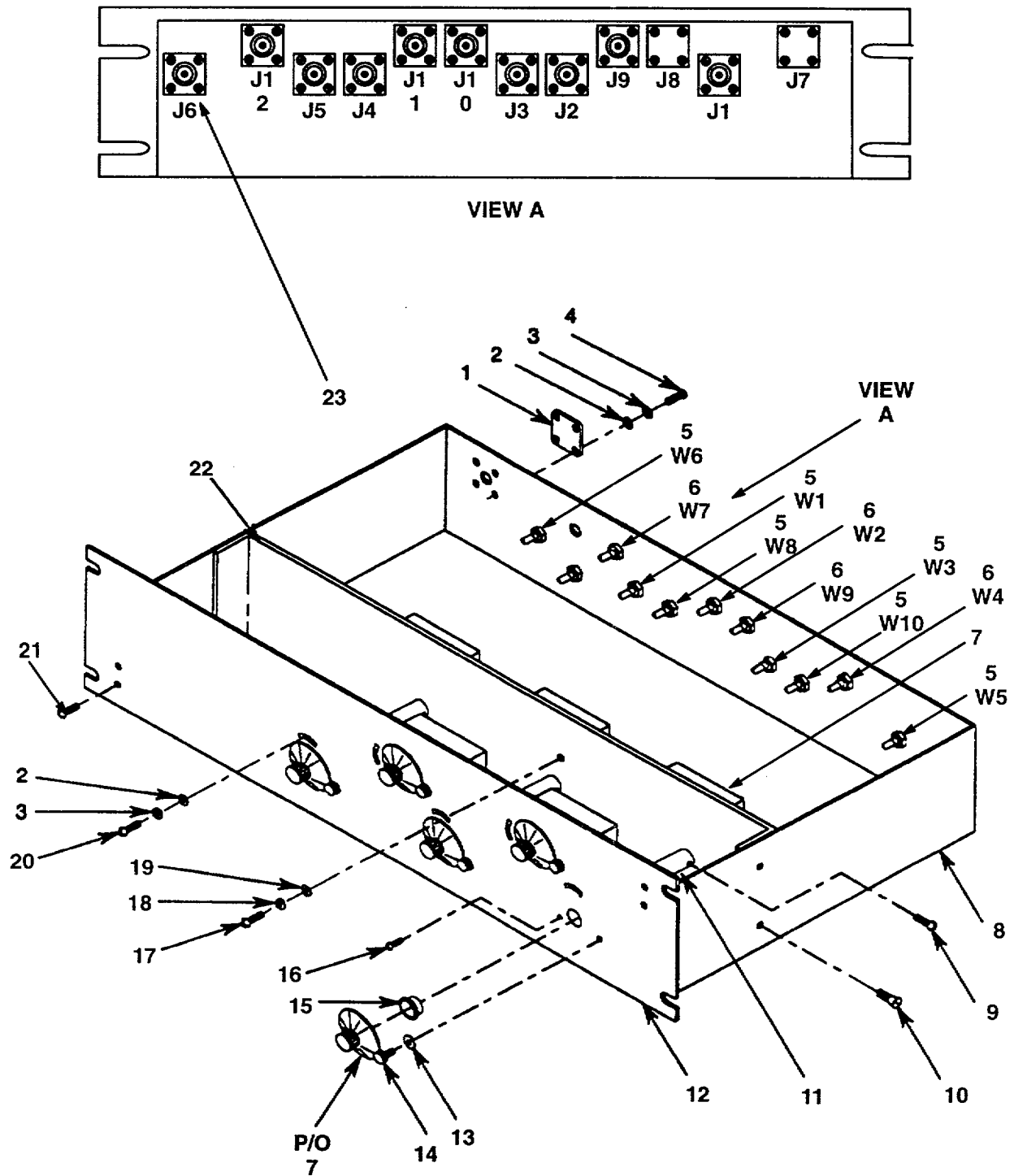


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Figure 7. Filter Box Assembly (A3015249).

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
FILTER BOX ASSEMBLY(A3015249)						
FIGURE 7.						
1	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	1
2	PAFZZ	5310008775797	96906	MS21044N3	NUT, SELF-LOCKING, HE .....	1
3	PAFZZ		81349	M7928/3-4	BUTTSPLICE, COND, ELE .....	2
4	PAFZZ		81349	M55629/7-115	CIRCUIT BREAKER .....	1
5	XBFZZ		80063	A3015397	PANEL POWER SWITCH .....	1
6	PAFZZ	6210001591727	81349	LH 77/3	LIGHT, INDICATOR.....	1
7	PAOZZ	6240009597859	58854	120MB	LAMP, INCANDESCENT.....	1
8	PAOZZ		81349	LC19GN3	LENS, INDICATOR LIGH .....	1
9	XBFZZ		80063	A3015398	BREAKER COVER.....	1
10	PAFZZ	5305009844989	96906	MS35206-229	SCREW, MACHINE .....	2
11	PAFZZ	5310000454007	96906	MS35338-41	WASHER, LOCK .....	2
12	PAFZZ		96906	MS27183-6	WASHER, FLAT RD#6 .....	2
13	XBOZZ		80063	A3015380-2	CABLE ASSEMBLY PANE .....	1
14	PAFZZ		96906	MS3367-7	STRAP, TIEDOWN CIIC(E) .....	1
15	XBOZZ		80063	A3015380-1	CABLE ASSEMBLY PANE .....	1
16	PAFZZ	5340008961082	96906	MS25281F-8	CLAMP, LOOP .....	2

END OF FIGURE

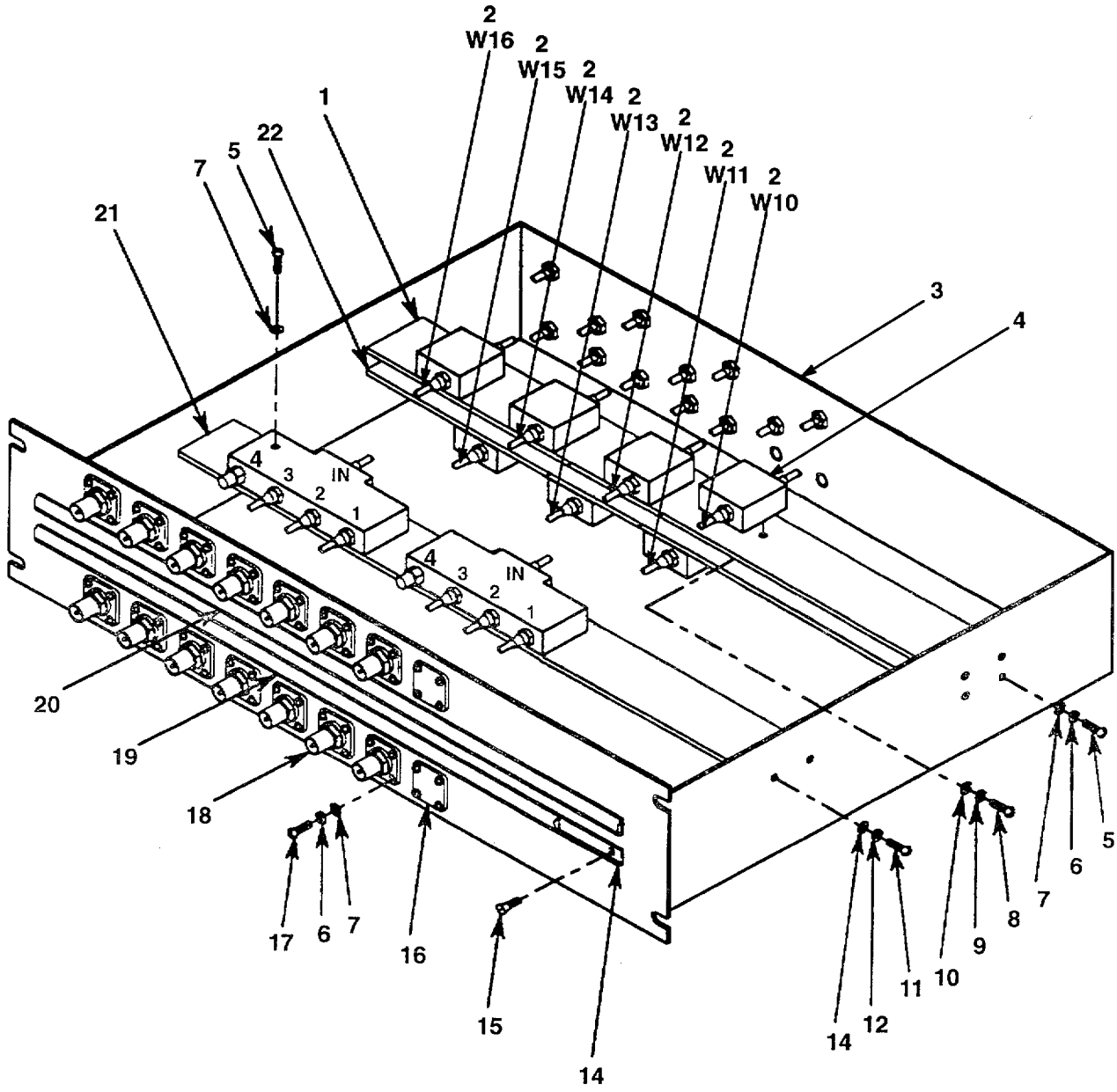


CE2D0512

Figure 8. RF Power Panel Assembly A15 (A3015315)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					RF POWER PANEL ASSEMBLY A15 (A3015315)	
					FIGURE 8.	
1	XBFZZ		80063	A3015764	PLATE, COVER.....	2
2	PAFZZ	5310009514679	96906	MS27183-3	WASHER, FLAT .....	58
3	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	58
4	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE .....	48
5	PBOZZ	5995013700164	80063	A3015360-1	CABLE ASSEMBLY, POWE .....	6
6	PBFZZ		80063	A3015360-2	CABLE ASSEMBLY, POWE .....	4
7	XBFZZ		09992	PF6684-303	ATTENUATOR, VARIABLE .....	5
8	XBFZZ		80063	A3015405	RF POWER CONTROL .....	1
9	PAFZZ		96906	M551964-9	SET SCREW-HEX SOCKE .....	6
10	PAFZZ	5305009585473	96906	MS35190-251	SCREW, MACHINE .....	4
11	XBFZZ		80063	A3015783	ATTENUATOR SHAFT .....	3
12	XBFZZ		80063	A3015420-002	PANEL, RF POWER CONT .....	1
13	XBFZZ		80063	A3015801	NYLON LOCK-WASHER .....	5
14	PAFZZ	2V507	90700	A202	SCREW, FINGER .....	5
15	XBFZZ		80063	A3015782	BUSHING .....	3
16	PAFZZ	5305009585453	96906	MS35190-236	SCREW, MACHINE .....	3
17	PAFZZ	5305009844988	96906	MS35206-228	SCREW, MACHINE .....	9
18	PAFZZ	5310000454007	96906	MS35338-41	WASHER, LOCK .....	9
19	PAFZZ		96906	MS27183-5	WASHER, FLAT #6 SIZE .....	9
20	PAFZZ	5305000545651	96906	MS51957-17	SCREW, MACHINE .....	10
21	PAFZZ	5305009847341	96906	MS35191-273	SCREW, MACHINE .....	4
22	XBFZZ		80063	A3015762-002	MOUNTING BRACKET .....	1
23	PAFZZ		03554	901-9011	ADAPTER, RF CONNECTO .....	10

END OF FIGURE



CE2D0506

Figure 9. RF Patch Panel Assembly, A9 (A3015305) (Sheet 1 of 2)

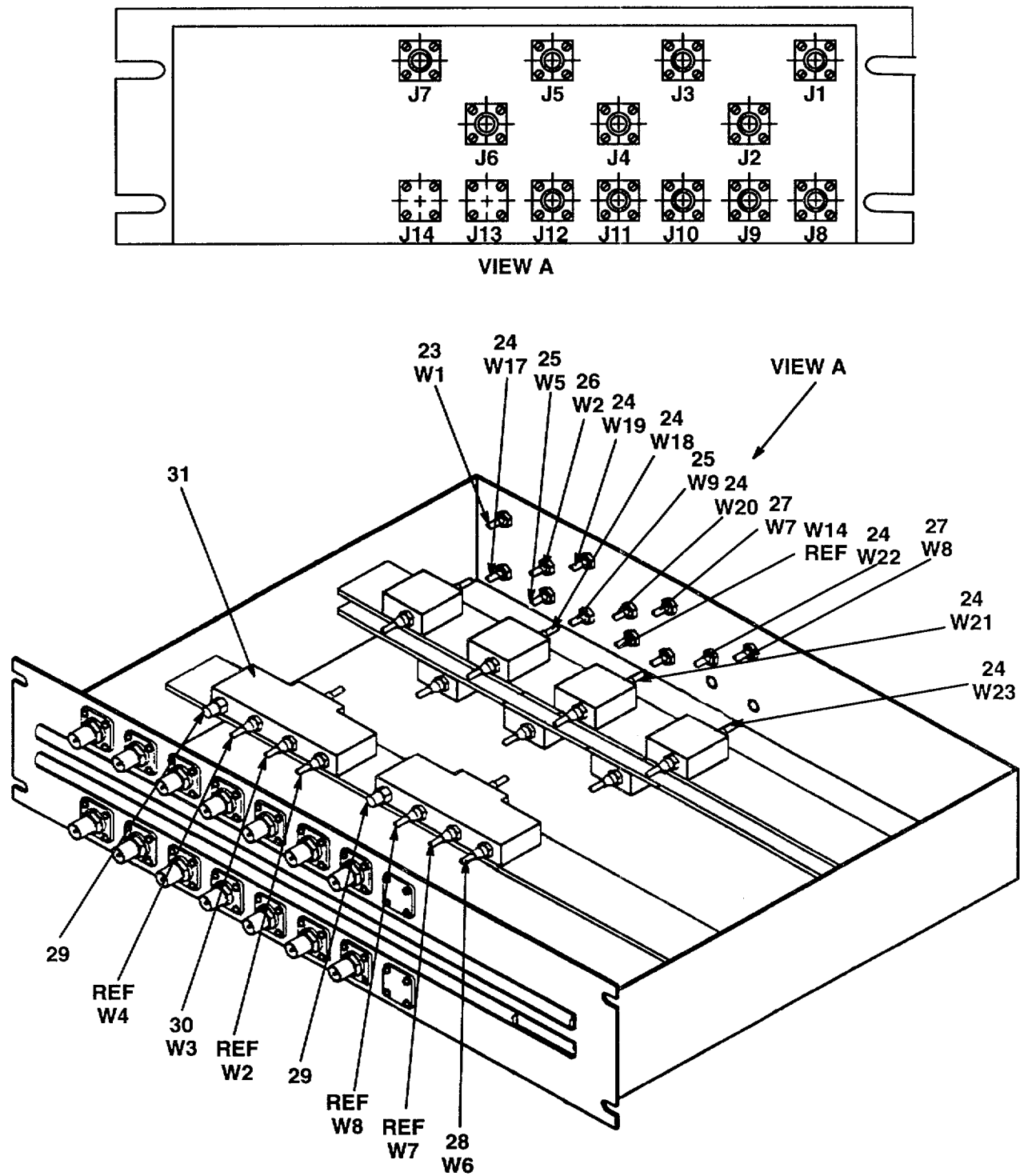


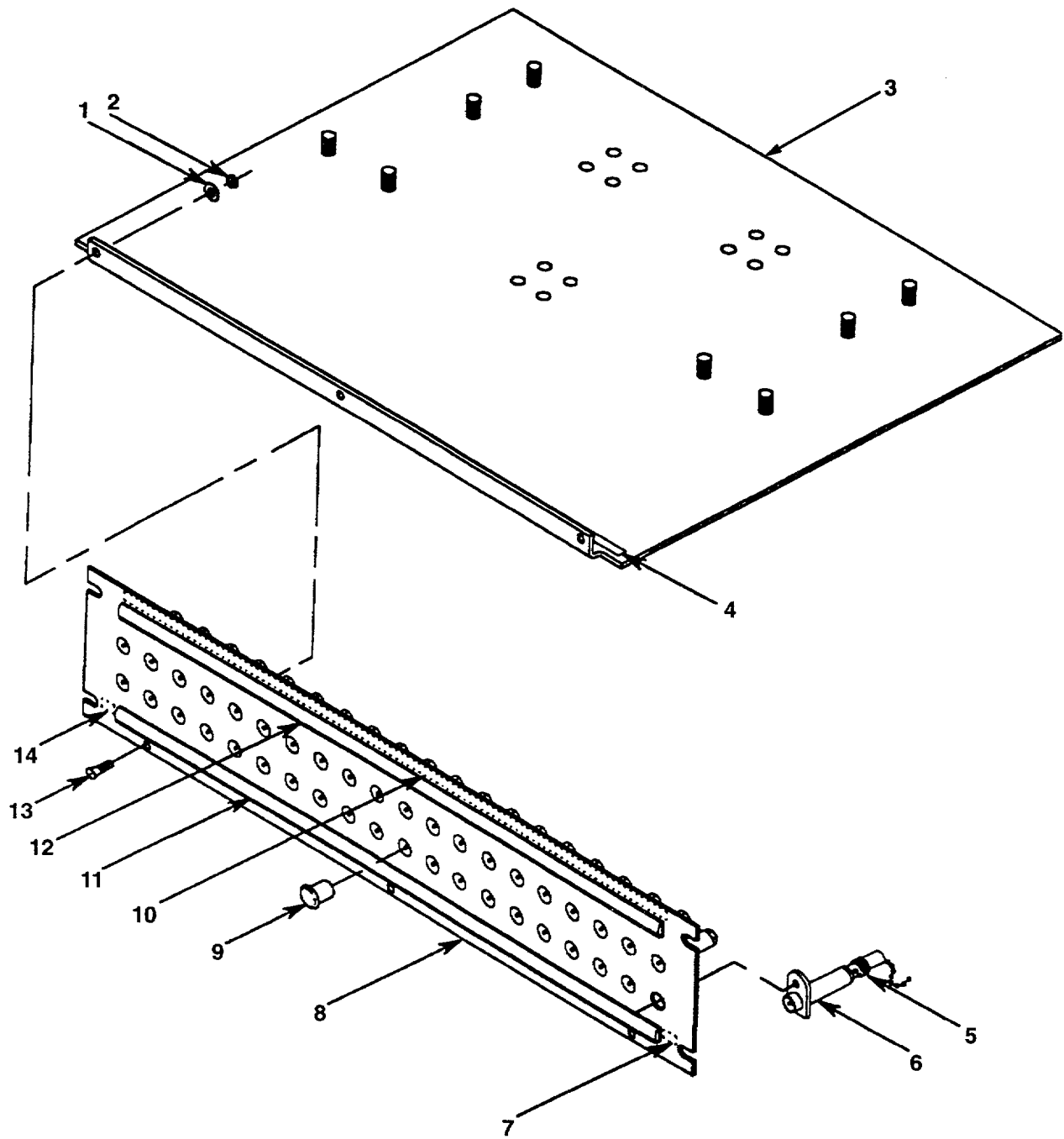
Figure 9. RF Patch Panel Assembly, A9 (A3015305) (Sheet 2 of 2)

## SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					RF PATCH PANEL ASSEMBLY, A9 (A3015305)	
					FIGURE 9.	
1	XBFZZ		80063	A3015732-1	SUPPORT, RF ISOLATOR .....	1
2	PBOZZ	5995013696754	80063	A3015360-4	CABLE ASSEMBLY, POWE .....	8
3	XBFZZ		80063	A3015403	RF PATCH PANEL-WELD .....	1
4	XBFZZ		51510	101103740	ISOLATOR .....	7
5	PAFZZ	5305009836730	96906	MS35206-218	SCREW, MACHINE .....	14
6	PAFZZ	5310005432410	96906	MS535338-40	WASHER, LOCK .....	128
7	PAFZZ	5310009501310	96906	M527183-4	WASHER, FLAT .....	134
8	PAFZZ	5305009543938	96906	MS35206-207	SCREW, MACHINE .....	14
9	PAFZZ	5310005435060	96906	MS35338-39	WASHER, LOCK .....	14
10	PAFZZ	5310000870057	96906	MS27183-2	WASHER, FLAT .....	14
11	PAFZZ	5305009846193	96906	MS35206-245	SCREW, MACHINE .....	4
12	PAFZZ	5310000453299	96906	MS35338-42	WASHER, LOCK .....	4
13	PAFZZ	5310007653197	96906	MS27183-41	WASHER, FLAT .....	4
14	XBFZZ		56996	B4037502	DESIGNATION STRIP .....	1
15	PAFZZ	5305000816668	96906	MS24693-S2	SCREW, MACHINE .....	1
16	XBFZZ		80063	A3015764	PLATE, COVER .....	1
17	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE .....	120
18	XBFZZ		03554	901-9011	ADAPTER RF CONNECTO .....	26
19	XBFZZ		80063	A3015766-2	DESIGNATION STRIPS .....	1
20	XBFZZ		80063	A3015766-1	DESIGNATION STRIPS .....	1
21	XBFZZ		80063	A3015731-2	INNER SHELF RF PATC .....	1
22	XBFZZ		80063	A3015732-2	SUPPORT, RF ISOLATOR .....	1
23	PBOZZ	5995013700159	80063	A3015359-7	CABLE ASSEMBLY, POWE .....	1
24	PBOZZ	5995013700158	80063	A3015359-2	CABLE ASSEMBLY, POWE .....	7
25	PBOZZ		80063	A3015359-6	CABLE ASSEMBLY, POWE .....	2
26	PBOZZ	5995013700155	80063	A3015360-3	CABLE ASSEMBLY, POWE .....	1
27	PBOZZ		80063	A3015360-2	CABLE ASSEMBLY, POWE .....	2
28	PBOZZ	5995013700152	80063	A3015360-5	CABLE ASSEMBLY, POWE .....	1
29	XBFZZ		91836	1335-2-MA9	CONNECTOR, TERMINATI .....	2
30	PBOZZ	5995013700164	80063	A3015360-1	CABLE ASSEMBLY, POWE .....	1
31	XBFZZ		12457	PDM-42-10GA	POWER DIVIDER, COMBI .....	2

END OF FIGURE



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Figure 10. IF Patch Panel Shelf Assembly, A7 (A3015310)

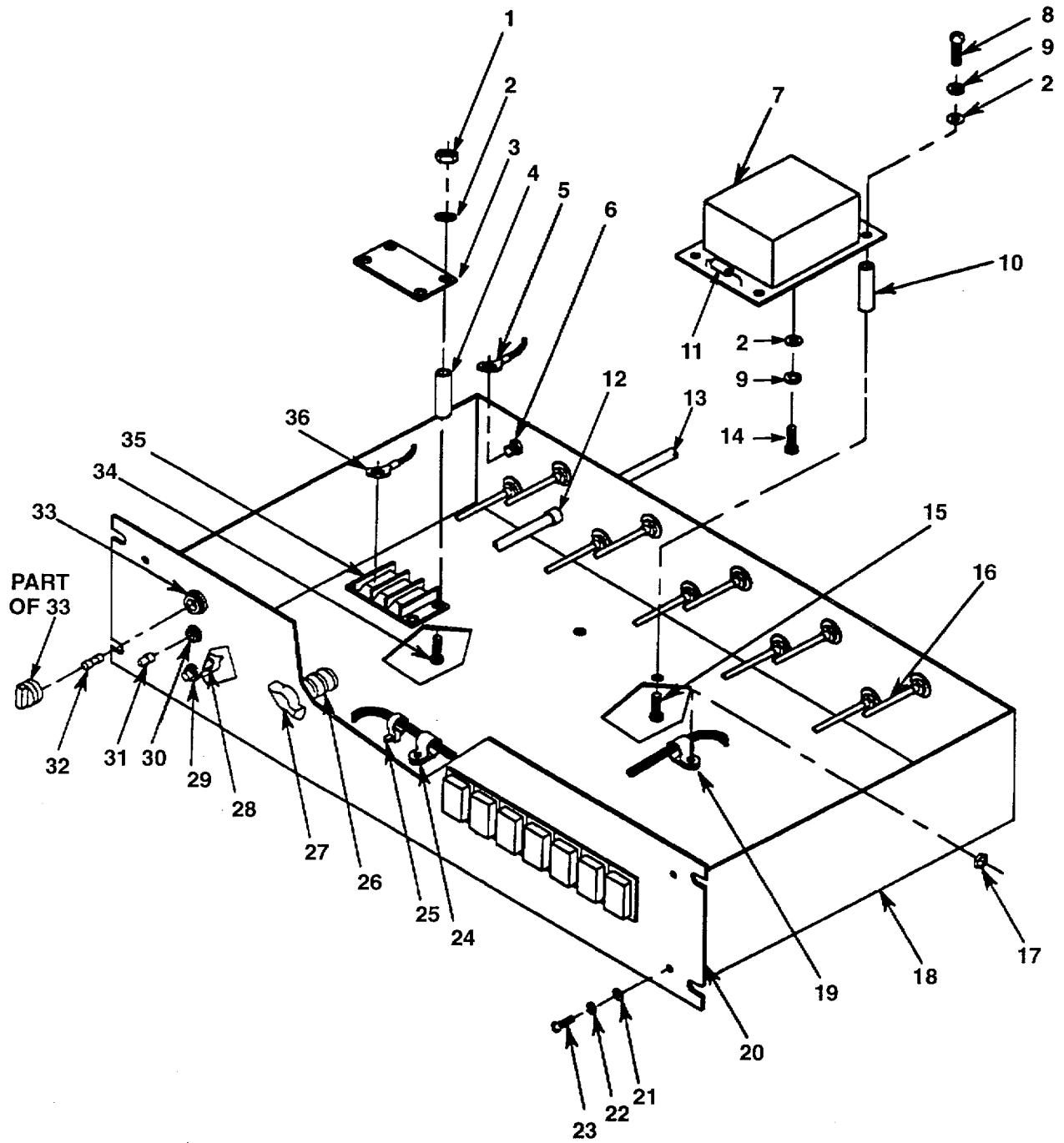


SECTION II

TM 11-5895-1328-23P

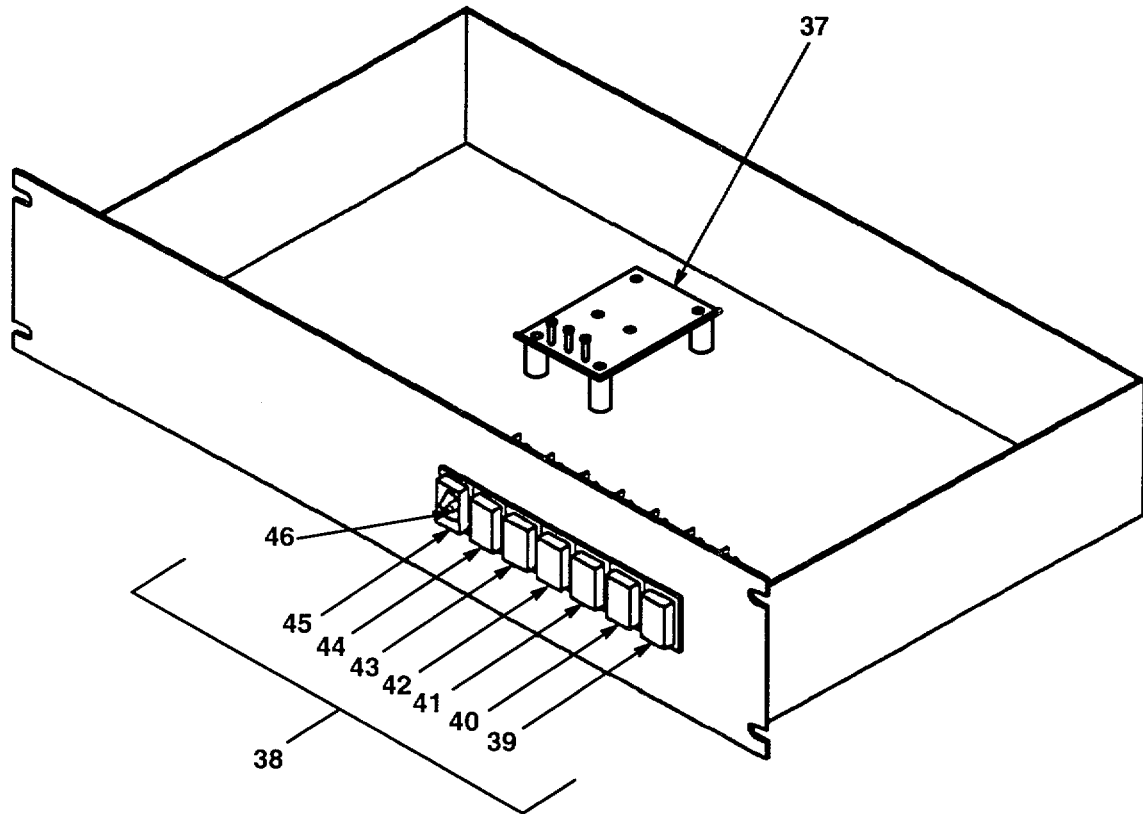
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					IF PATCH PANEL SHELF ASSEMBLY, A7 (A3015310)	
					FIGURE 10.	
1	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	3
2	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	3
3	XBFZZ		80063	A3015366	SHELF, IF PATCH PANE .....	1
4	XBFZZ		80063	A3015693-2	IDENTIFICATION STRI .....	1
5	PAFZZ	5985003284000	91836	KC-89-42	COUPLER, TRANSMISSIO .....	1
6	XBFZZ		14949	J 13-50	DUMMY LOAD, ELECTRIC .....	23
7	XBFZZ		80063	A3015693-4	IDENTIFICATION STRI .....	1
8	XBFZZ		14949	JS1-56	PANEL, PATCH IF .....	1
9	XBFZZ		82389	P-1801	BUTTON, CAP .....	33
10	XBFZZ		80063	A3015693-1	IDENTIFICATION STRI .....	1
11	XBFZZ		80063	A3015765-2	DESIGNATION STRIP .....	1
12	XBFZZ		80063	A3015765-1	DESIGNATION STRIP .....	1
13	PAFZZ	5305009577812	96906	MS24693-S276	SCREW, MACHINE .....	3
14	XBFZZ		80063	A3015693-3	IDENTIFICATION STRI .....	1

END OF FIGURE



CE2D0508

Figure 11. Electronic Components Assembly, FCS Up Converter, A11 (A3015316) (Sheet 1 of 2)



CE2D0509

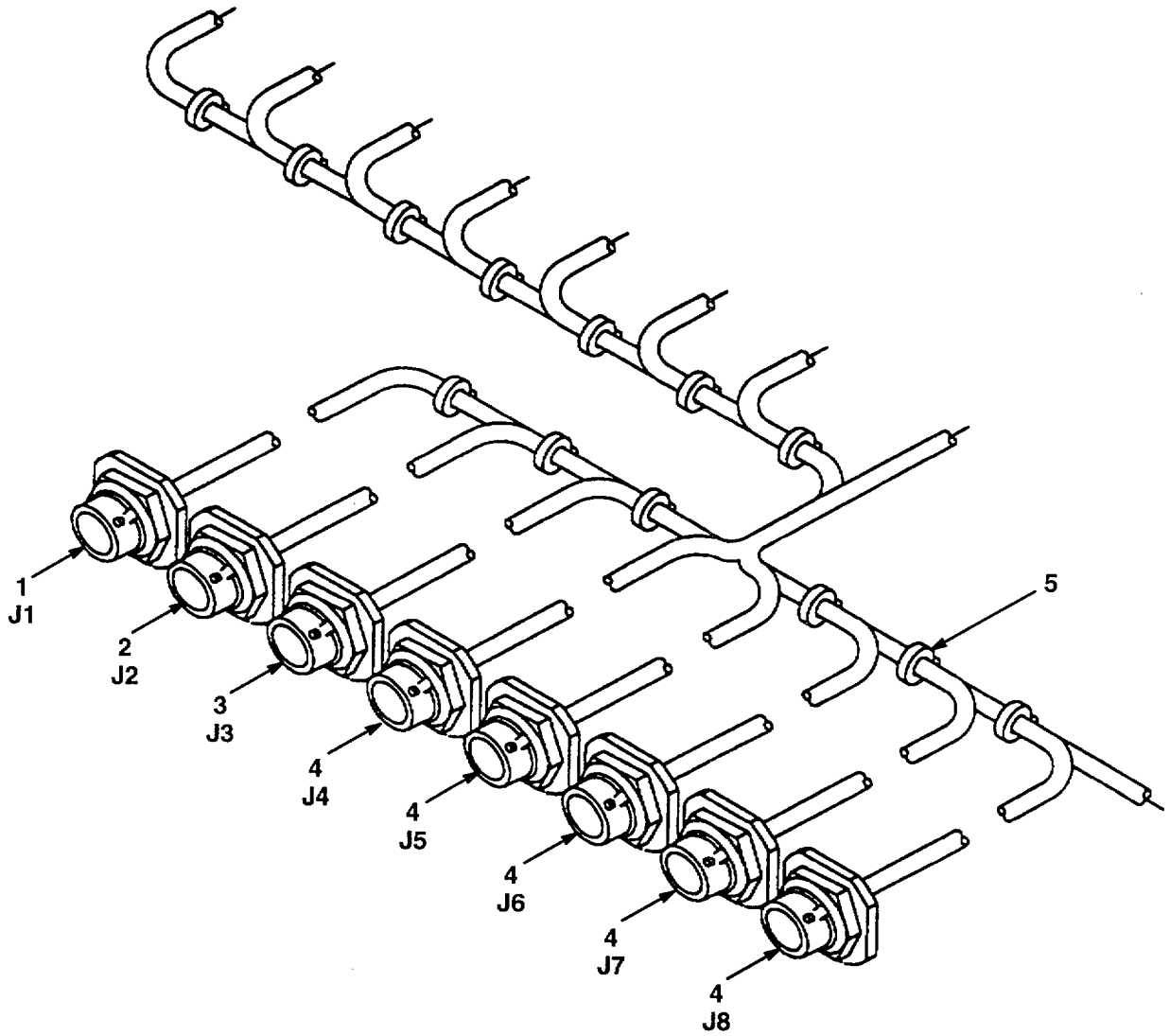
Figure 11. Electronic Components Assembly, FCS Up Converter, A11(A3015316) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
ELECTRONIC COMPONENTS ASSEMBLY, FCS UP CONVERTER, A11(A3015316)						
FIGURE 11.						
1	PAFZZ	5310000880551	96906	MS21044-N04	NUT, SELF-LOCKING, HE .....	4
2	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	10
3	XBFZZ		80063	SM-C-982438	COVER, PROTECTIVE .....	1
4	PAFZZ		83330	9184	SPACER, NYLON.....	1
5	PAFZZ	5940001138184	96906	MS25036-150	TERMINAL, LUG .....	2
6	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN.....	1
7	XBFZZ		18655	PM542	POWER SUPPLY .....	1
7	PAFZZ	5305008892997	96906	MS535206-215	SCREW, MACHINE .....	4
8	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	6
9	PAFZZ		83330	2373	SPACER, BRASS.....	1
11	PAFZZ	5975002464906	28520	SR-6P-4	BUSHING, STRAIN RELI.....	1
11	PAFZZ	5905001069357	81349	RCR07G750JS	RESISTOR, FIXED, COMP .....	1
12	PAFZZ		71482	SJ-0-OD330	POWER CORD SET.....	1
14	PAFZZ	5305008893116	96906	MS35206-213	SCREW, MACHINE .....	2
15	PAFZZ	5305009576636	96906	MS35190-223	SCREW, MACHINE .....	4
16	XBFFF		80063	A3015654	WIRING HARNESS ASSE SEE FIGURE 12 .....	1
FOR PARTS BREAKDOWN						
17	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	4
18	XBFZZ		80063	A3015319	WRAPAROUND, CONTROL .....	1
19	PAFZZ	5340000612381	96906	MS25281-F13	CLAMP, LOOP .....	1
20	XBFZZ		80063	A3015584	PANEL, FRONT CONTROL .....	1
21	PAFZZ	5310008094058	96906	M527183-10	WASHER, FLAT .....	4
22	PAFZZ	5310000453296	96906	M535338-43	WASHER, LOCK .....	4
23	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	4
24	PAFZZ	5340009436041	96906	MS25281-F4	CLAMP, LOOP .....	1
25	PAFZZ		96906	M53367-1-9	STRAP TIEDOWNNN .....	1
26	PAFZZ	5930013728080	80063	A3015637	SWITCH, ROTARY.....	1
27	PAFZZ	5355003412477	80063	SMB552258	KNOB .....	1
28	PAFZZ	5905001048330	81349	RCR20G333JS	RESISTOR, FIXED, COMP .....	1
29	PAFZZ		87034	616-6-1-A1H	SWITCH, LATCHING-PRE .....	1
30	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR.....	1
31	PAFZZ	6240010325105	71744	CM44-11-031-1	LAMP, CARTRIDGE .....	1
32	PAOZZ		81349	F02A50V3/4A	FUSE, NONINDICATING .....	1
33	PAFZZ		75915	344125	FUSE HOLDER, CLEAR .....	1
34	PAFZZ	5305009585456	96906	MS35190-230	SCREW, MACHINE .....	4
35	PAFZZ	5940009836115	81349	38TB-2	TERMINAL BOARD .....	1
36	PAFZZ	5940005571629	96906	MS25036-149	TERMINAL, LUG .....	4
37	PAFZZ	6130010752159	80063	SM-C-860921	POWER SUPPLY SUBASS .....	1
38	PAFFZ		80063	A3015559	SWITCH ASSEMBLY .....	1
39	XBFZZ		56996	B4038004-7	LENS, HOLDER .....	1
40	PAFZZ		56996	B4038004-6	LENS, HOLDER .....	1
41	PAFZZ		56996	B4038004-5	RETAINER, LENS .....	1
42	PAFZZ		56996	B4038004-4	RETAINER, LENS .....	1
43	PAFZZ		56996	B4038004-3	RETAINER, LENS .....	1
44	PAFZZ		56996	B4038004-2	RETAINER, LENS .....	1
45	XBFZZ		56996	B4038004-1	RETAINER, LENS .....	1

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
46	PAOZZ		61706	31-963.0	LAMP, INCANDESCENT..... END OF FIGURE	7



CE2DO511

Figure 12. Wiring Harness Assembly (A3015654)

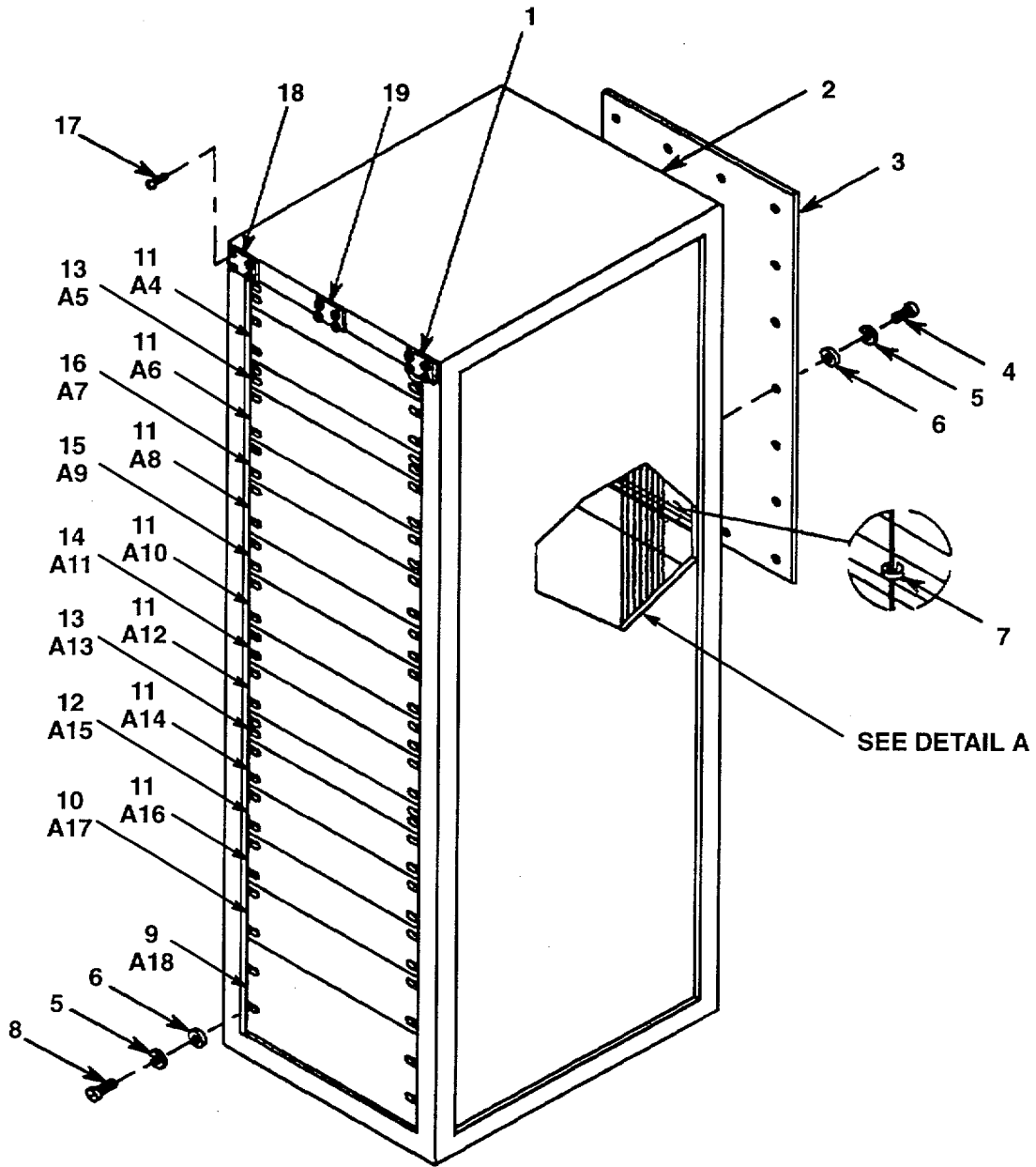
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
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HIRING HARNESS ASSEMBLY(A3015654)

FIGURE 12.

1	PAFZZ		96906	MS-3114E14-19PX	CONNECTOR, RECEPTACL .....	1
2	PAFZZ		96906	MS-3114E14-19P	CONNECTOR, RECEPTACL .....	1
3	PAFZZ		96906	MS-3114E14-19P	CONNECTOR, RECEPTACL .....	1
				W		
4	PAFZZ		96906	MS-3114F14-15S	CONNECTOR, RECEPTACL .....	1
5	PAFZZ		96906	MS3367-1-9	STRAP TIE DOWN.....	13

END OF FIGURE



CE2D0532

Figure 13. Converter Group, OU-1 68/FSQ-1 58(V) C117 Rack 2 (A3015100) (Sheet 1 of 2)



DETAIL A

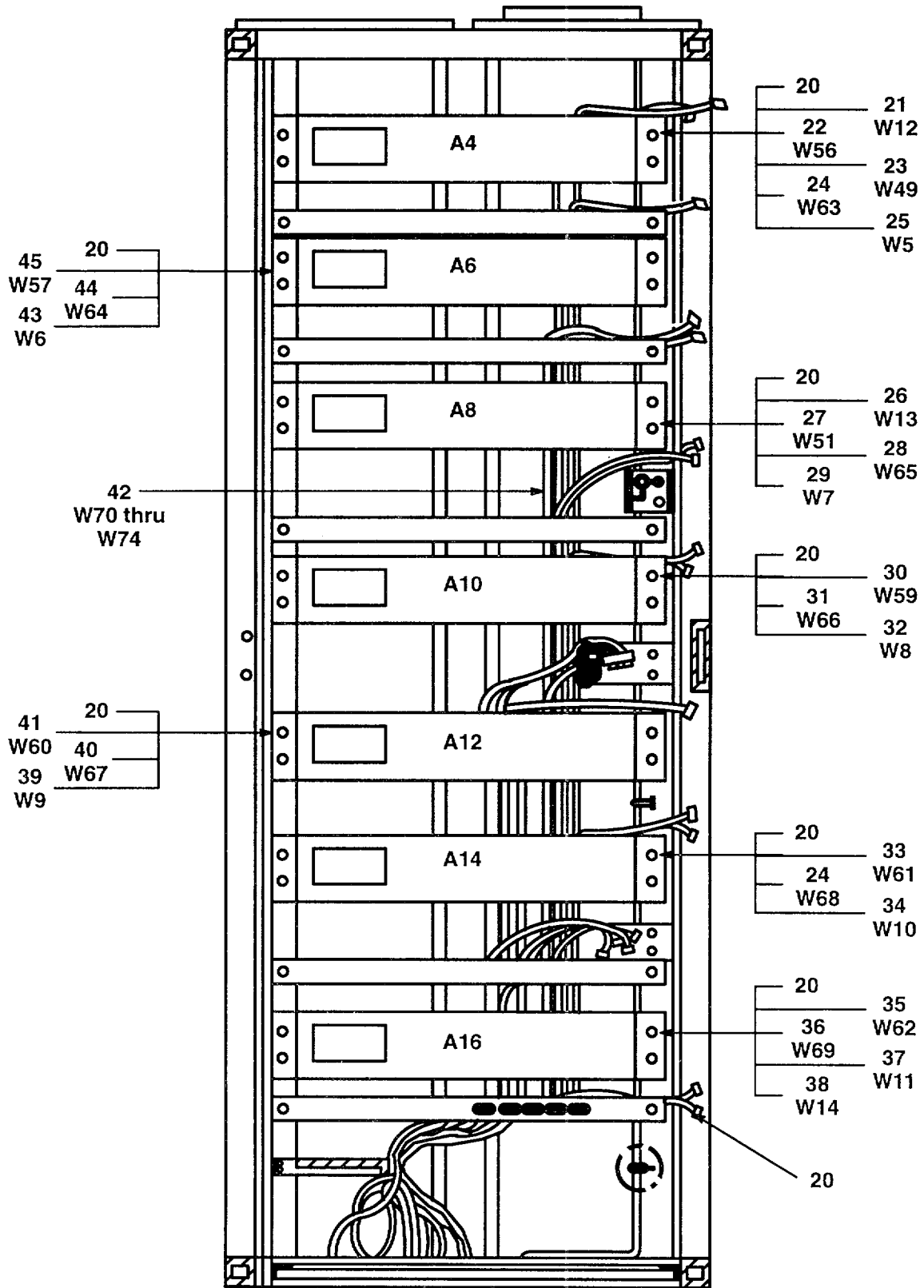


Figure 13. Converter Group, OU-168/FSQ-158(V) C117 Rack 2 (3015100) (Sheet 2 of 2)

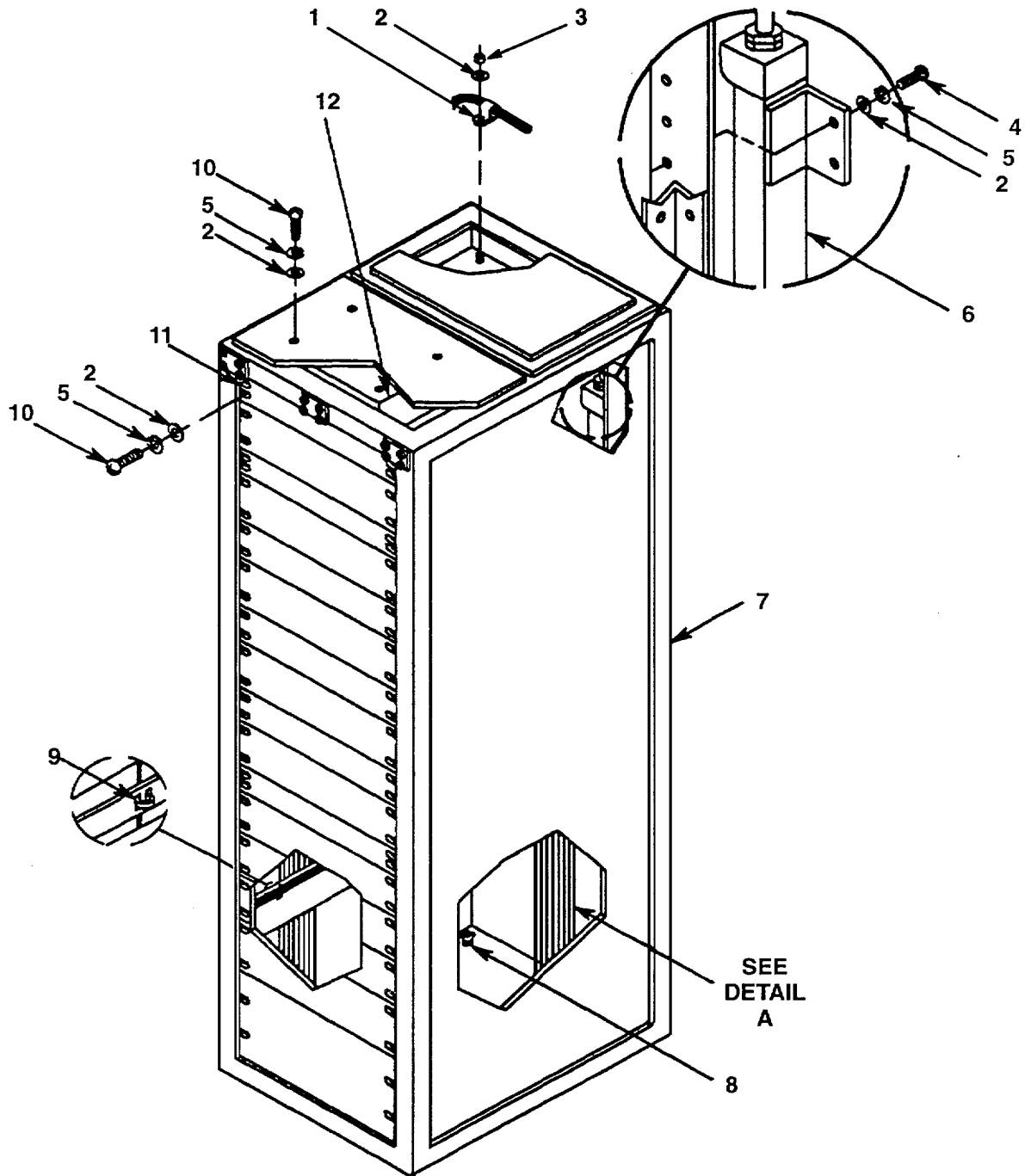
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES(UOC)	(7) QTY
					CONVERTER GROUP, OU-168/FSQ-158(V) C117 RACK 2(A3015100)	
					FIGURE 13.	
1	XBFZZ		80063	A3015191-14	NAMEPLATE, RACK NOME.....	1
2	XBFFF		80063	A3015666	ELECTRICAL INSTALLA SEE FIGURE 14..... FOR PARTS BREAKDOWN	1
3	XBFZZ		80063	A3015136	REAR ACCESS PANEL .....	2
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	76
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	140
6	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	140
7	PAFZZ		96906	MS3567-1-9	STRAP, TIEDOWN 1 .....	1
8	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	64
9	XBFZZ		80063	SM-D-859872-4	PANEL, BLANK .....	1
10	PDODD		28480	HP5087A-032/908/ C15	DISTRIBUTION AMPLIF.....	1
11	PDODD	5895010936968	80058	CV-3655/G	CONVERTER, FREQUENCY.....	7
12	XBFFF		80063	A3015643	RF POWER PANEL SEE FIGURE 18 FOR .....	1
					PARTS BREAKDOWN	
13	XBFZZ		80063	SM-D-859872-1	PANEL, BLANK .....	2
14	PBOFD	5999012894691	80063	A3015644	ELECTRONIC COMPONEN SEE FIGURE 19..... FOR PARTS BREAKDOWN	1
15	XBFFF		80063	A3015306	RF PATCH PANEL SEE FIGURE 16 FOR .....	1
					PARTS BREAKDOWN	
16	XBFFF		80063	A3015311	IF PATCH PANEL SHEL SEE FIGURE 17 .....	1
					FOR PARTS BREAKDOWN	
17	PAFZZ	5305002535614	96906	MS21318-20	SCREW, DRIVE .....	12
18	XBFZZ		80063	A3015192-14	NAMEPLATE, NOMENCLAT .....	1
19	XBFZZ		80063	SM-C-860838	IDENTIFICATION PLAT .....	1
20	XBOZZ		80063	A3015417-1	POWER CABLE ASSEMBL.....	8
21	XBOZZ		80063	A3015413	CABLE ASSEMBLY, CONT.....	1
22	XBOZZ		80063	A3015408-9	CABLE ASSEMBLY, IF .....	1
23	XBOZZ		80063	A3015408-16	CABLE ASSEMBLY, IF .....	1
24	PBOZZ		17217	R2N01N01111.0	MICROWAVE CABLE ASS .....	1
25	XBOZZ		80063	A3015411-1	CABLE ASSEMBLY, 5MHZ .....	1
26	XBOZZ		80063	A3015415	CABLE ASSEMBLY, CONT.....	1
27	XBOZZ		80063	A3015408-11	CABLE ASSEMBLY, IF .....	1
28	PBOZZ		17217	R2N01N01099.0	MICROWAVE CABLE ASS .....	1
29	XBOZZ		80063	A3015411-3	CABLE ASSEMBLY, 5MHZ .....	1
30	XBOZZ		80063	A3015408-12	CABLE ASSEMBLY, IF .....	1
31	PBOZZ		17217	R2N01N01092.0	MICROWAVE CABLE ASS .....	1
32	XBOZZ		80063	A3015411-4	CABLE ASSEMBLY, 5MHZ .....	1
33	XBOZZ		80063	A3015408-14	CABLE ASSEMBLY, IF .....	1
34	XBOZZ		80063	A3015411-6	CABLE ASSEMBLY, 5MHZ .....	1
35	XBOZZ		80063	A3015408-15	CABLE ASSEMBLY, IF .....	1
36	PBOZZ		17217	R2N01N01120.0	MICROWAVE CABLE ASS .....	1
37	XBOZZ		80063	A3015411-7	CABLE ASSEMBLY, 5MHZ .....	1
38	XBOZZ		80063	A3015414	CABLE ASSEMBLY, CONT.....	1
39	XBOZZ		80063	A3015411-5	CABLE ASSEMBLY, 5MHZ .....	1
40	PBOZZ		17217	R2N01N01102.0	MICROWAVE CABLE ASS .....	1

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
41	XBOZZ		80063	A3C15408-13	CABLE ASSEMBLY, IF .....	1
42	PBOZZ		17217	R2N01N01112.0	MICROWAVE CABLE ASS .....	6
43	XBOZZ		80063	A3015417-2	POWER CABLE ASSEMBL.....	1
44	XBOZZ		80063	A3015411-2	CABLE ASSEMBLY, 5MHZ .....	1
45	PBOZZ		17217	R2NO1N01105.0	MICROWAVE CABLE ASS .....	1
46	XBOZZ		80063	A3015408-10	CABLE ASSEMBLY, IF .....	1

END OF FIGURE



CE2D0540

Figure 14. Electrical Installation, FCS Up Converter (A3015666) (Sheet 1 of 2)

DETAIL A

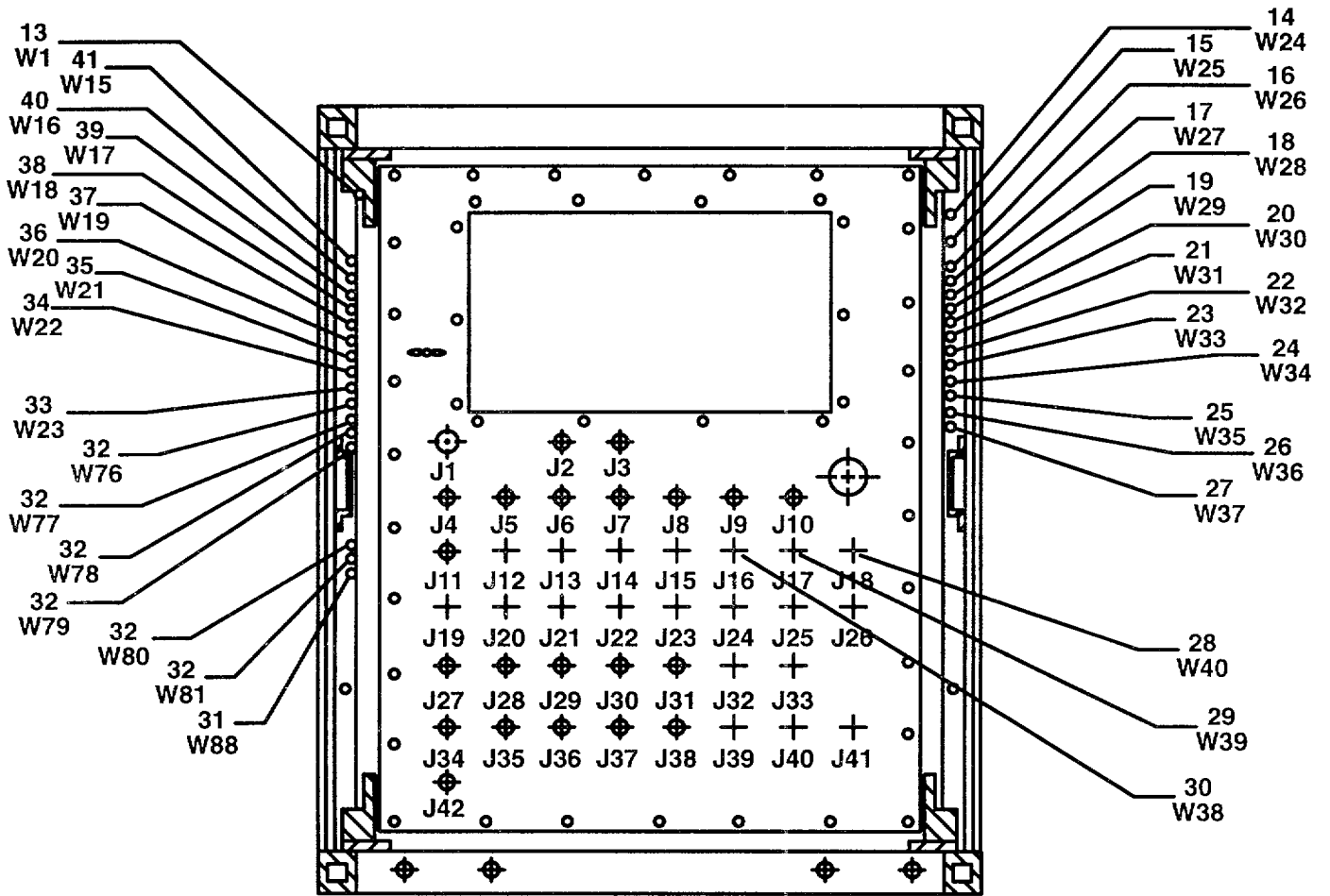
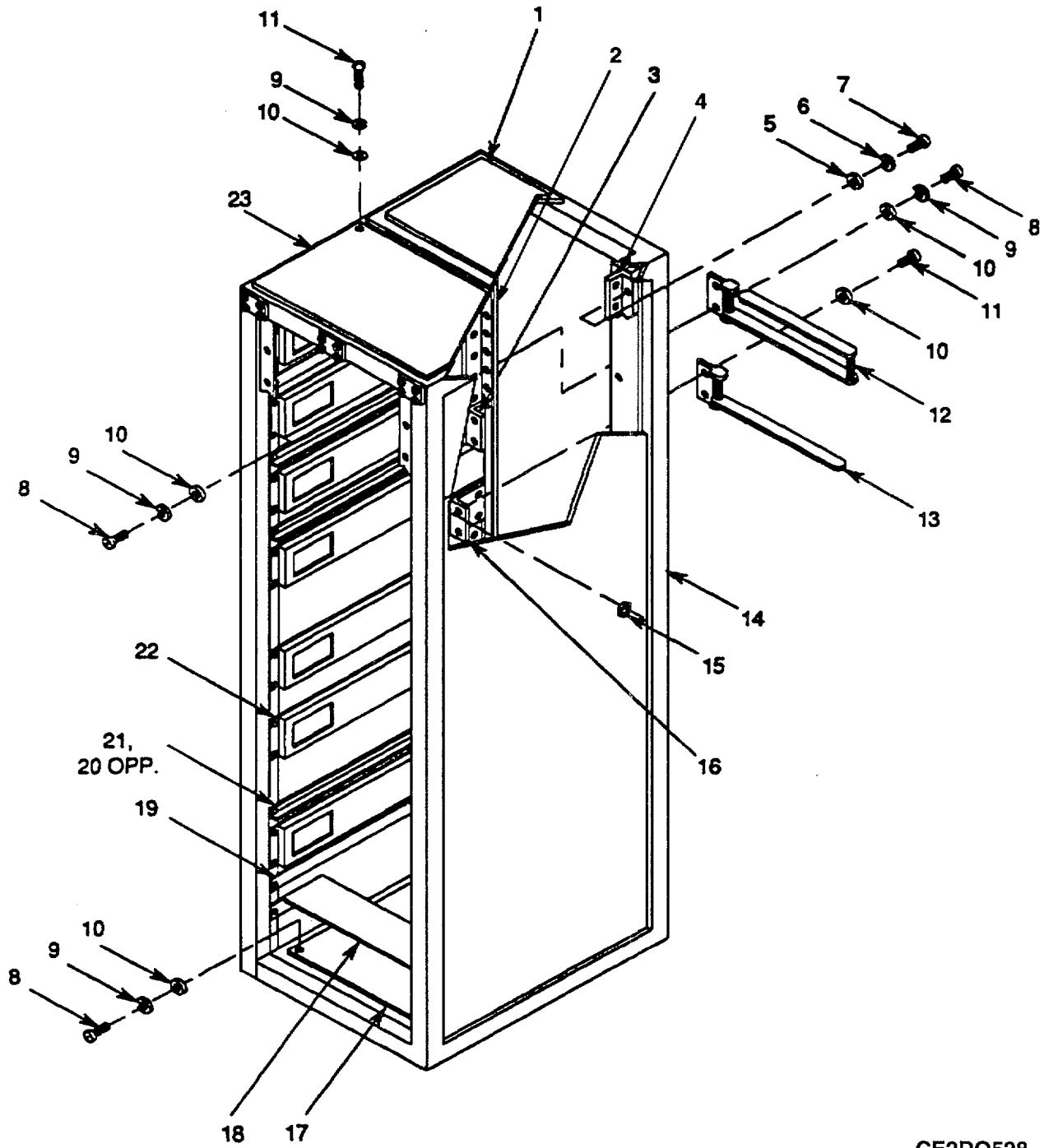


Figure 14. Electrical Installation, FCS Up Converter (A3015666) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					ELECTRICAL INSTALLATION, FCS UP CONVERTER(A3015666)	
					FIGURE 14.	
1	PAFZZ	5340008961082	96906	MS25281-F8	CLAMP, LOOP .....	1
2	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	17
3	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	8
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	16
6	XBOZZ		80063	A3015119-17	CABLE ASSEMBLY-RACE .....	1
7	XBFFF		80063	A3015610	BRACKET INSTALLATIO SEE FIGURE 15.....	1
					FOR PARTS BREAKDOWN	
8	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN.....	1
9	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN.....	1
10	PAFZZ	5305009897435	96906	M535207-264	SCREW, MACHINE.....	8
11	PAOFF	6110012878199	80063	A3015406	PANEL, POWER BUS, CIR SEE FIGURE 6.....	1
					FOR REPAIR PARTS	
12	XBOFF		80063	A3015249	FILTER BOX ASSEMBLY SEE FIGURE 7 .....	1
					FOR PARTS BREAKDOWN	
13	XBOZZ		80063	A3015230-2	CABLE ASSEM BLY-BREE .....	1
14	XBOZZ		80063	A3015409-11	CABLE ASSEMBLY, IF .....	1
15	XBOZZ		80063	A3015409-12	CABLE ASSEMBLY, IF .....	1
16	XBOZZ		80063	A3015409-13	CABLE ASSEMBLY, IF .....	1
17	XBOZZ		80063	A3015409-14	CABLE ASSEMBLY, IF .....	1
18	XBOZZ		80063	A3015409-15	CABLE ASSEMBLY, IF .....	1
19	XBOZZ		80063	A3015409-16	CABLE ASSEMBLY, IF .....	1
20	XBOZZ		80063	A3015409-17	CABLE ASSEMBLY, IF .....	1
21	XBOZZ		80063	A3015409-18	CABLE ASSEMBLY, IF .....	1
22	XBOZZ		80063	A3015409-19	CABLE ASSEMBLY, IF .....	1
23	XBOZZ		80063	A3015409-20	CABLE ASSEMBLY, IF .....	1
24	XBOZZ		80063	A3015409-21	CABLE ASSEMBLY, IF .....	1
25	XBOZZ		80063	A3015409-22	CABLE ASSEMBLY, IF .....	1
26	XBOZZ		80063	A3015409-253	CABLE ASSEMBLY, IF .....	1
27	XBOZZ		80063	A3015409-24	CABLE ASSEMBLY, IF .....	1
28	XBOZZ		80063	A3015409-68	CABLE ASSEMBLY, IF .....	1
29	XBOZZ		80063	A3015409-67	CABLE ASSEMBLY, IF .....	1
30	XBOZZ		80063	A3015409-66	CABLE ASSEMBLY, IF .....	1
31	XBOZZ		80063	A3015410	CABLE ASSEMBLY, 5MHZ .....	1
32	PBOZZ	5995013708270	80063	A3015362-3	CABLE ASSEMBLY, POWE .....	5
33	XBOZZ		80063	A3015485	MECH GROUND UP/DN .....	1
34	XBOZZ		80063	A3015412	CABLE ASSEMBLY, REMO .....	1
35	XBOZZ		80063	A3015416-7	CABLE ASSEMBLY, CONT.....	1
36	XBOZZ		80063	A3015416-6	CABLE ASSEMBLY, CONT.....	1
37	XBOZZ		80063	A3015416-5	CABLE ASSEMBLY, CONT.....	1
38	XBOZZ		80063	A3015416-4	CABLE ASSEMBLY, CONT.....	1
39	XBOZZ		80063	A3015416-3	CABLE ASSEMBLY, CONT.....	1
40	XBOZZ		80063	A3015416-2	CABLE ASSEMBLY, CONT.....	1
41	XBOZZ		80063	A3015416-1	CABLE ASSEMBLY, CONT.....	1

END OF FIGURE



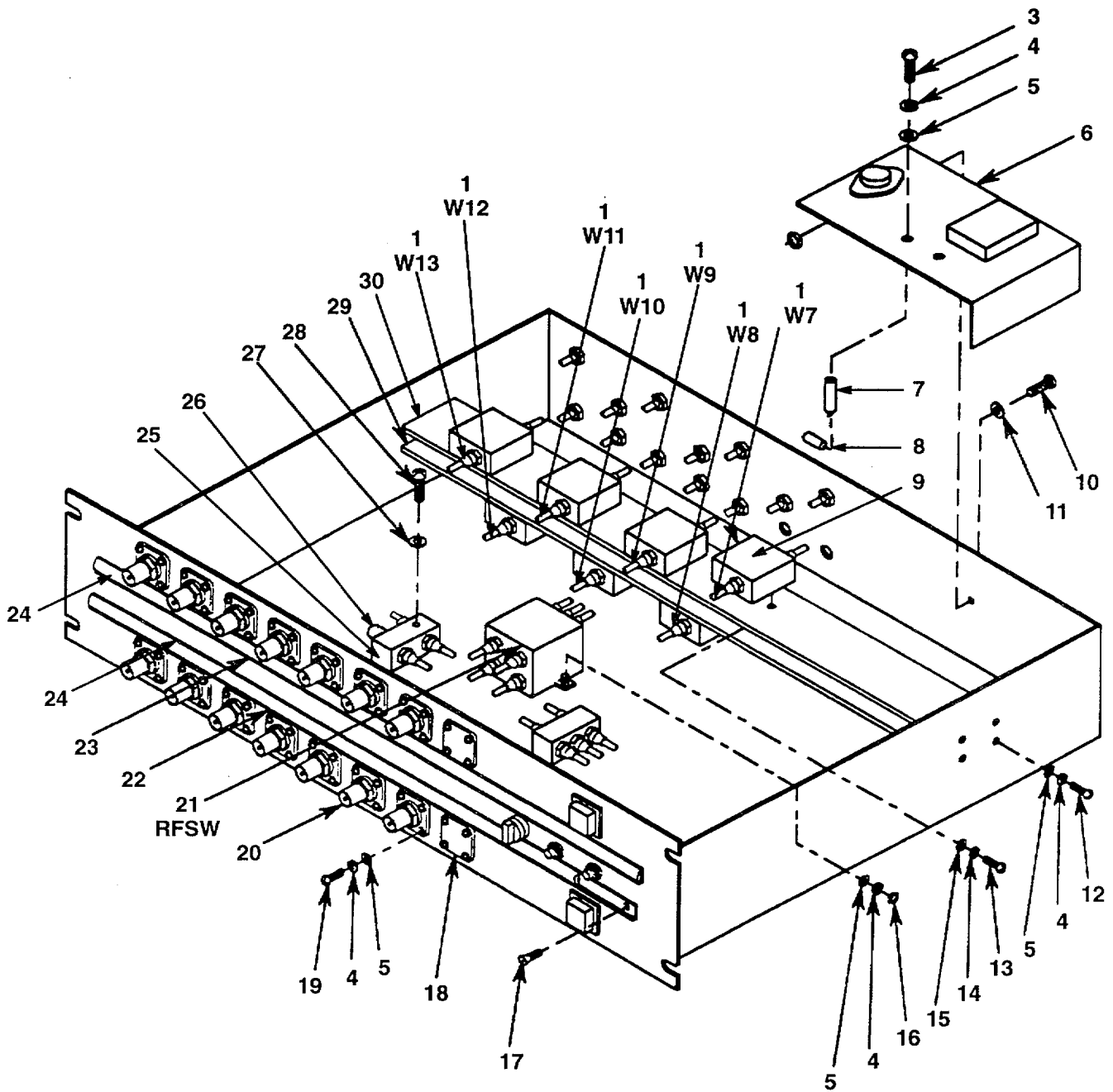
CE2DO528

Figure 15. Bracket Installation, FCS Up Converter (A3015610)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
					BRACKET INSTALLATION, FCS UP CONVERTER(A3015610)	
					FIGURE 15.	
1	XBFFF		80063	A3015269-5	BLOWER ASSEMBLY SEE FIGURE 5 FOR PARTS BREAKDOWN	1
2	XBFZZ		80063	A3015109-2	BRACKET ASSEMBLY, PI	2
3	XBFZZ		80063	A3015733-1	ANGLE BRACKET	1
4	XBFZZ		80063	A3015109-1	BRACKET ASSEMBLY, PI	2
5	PAFZZ	5310008094058	96906	MS27183-10	WASHER, FLAT	36
6	PAFZZ	5310005825965	96906	MS35338-44	WASHER, LOCK	36
7	PAFZZ	5305002253843	80204	B1821BH025C100N	SCREW, CAP, HEXAGON H	536
8	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE	12
9	PAFZZ	5310000453296	96906	MS5533S8-43	WASHER, LOCK	172
10	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT	184
11	PAFZZ	5305009931848	96906	M535207-265	SCREW, MACHINE	50
12	XBFZZ	5340011211578	80063	SM-C-861006	RETRACTOR, CABLE	7
13	XBFZZ		80063	A3015735	CABLE RETRACTOR-MOD	3
14	XBFZZ		80063	A3015138	CABINET, DRILLED	1
15	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE	6
16	XBFZZ		80063	A3015733-2	ANGLE BRACKET	2
17	XBFZZ		80063	A3015401	INTERFACE PANEL SUB	1
18	XBFZZ		80063	SM-C-860570-1	BRACKET CABLE SUPPO	1
19	XBFZZ		80063	A3015201	BRACKET, CABLE SUPPO	4
20	XBFZZ		80063	A3015407-2	SUPPORT, EQPT MOUNTI	3
21	XBFZZ		80063	A3015407-1	SUPPORT EQPT MOUNTI	3
22	XBFZZ		80063	A3015367	SLIDE SUPPORT BRACK	14
23	XBFZZ		80063	A3015257	FILTER PANEL ASSEMB SEE FIGURE 7 FOR PARTS BREAKDOWN	1
24	XBFZZ		80063	A3015110-2	ANGLE BRACKET-EQUIP	1
25	XBFZZ		80063	A3015111	BRACKET-EQUIPMENT	1
26	XBFZZ	5315008443963	96906	MS16562-46	PIN, SPRING	1

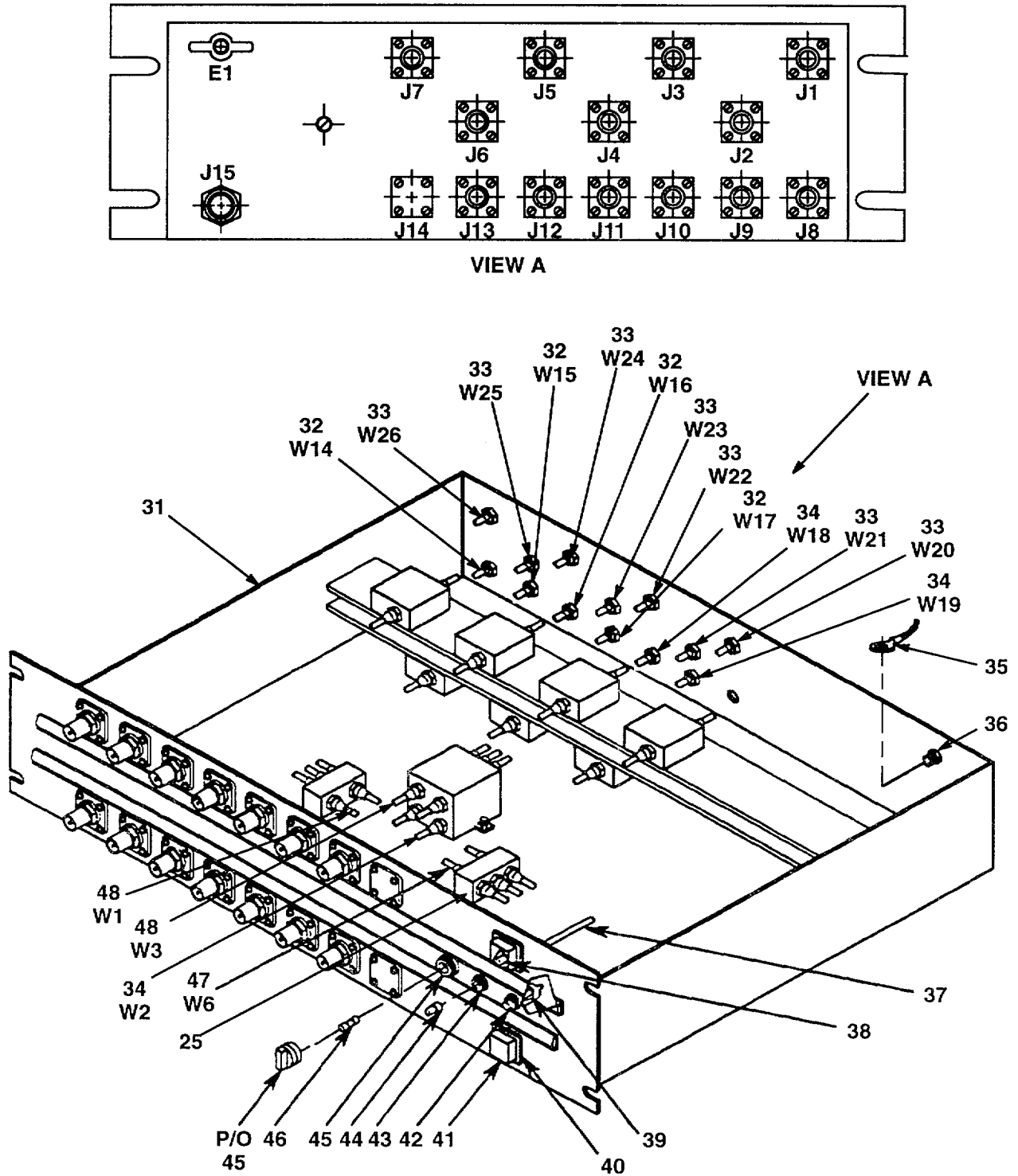
END OF FIGURE





CE2D0533

Figure 16. RF Patch Panel Assembly, A9 (A3015306) (Sheet 1 of 2)



CE2D0534

Figure 16. RF Patch Panel Assembly, A9 (A3015306) (Sheet 2 of 2)

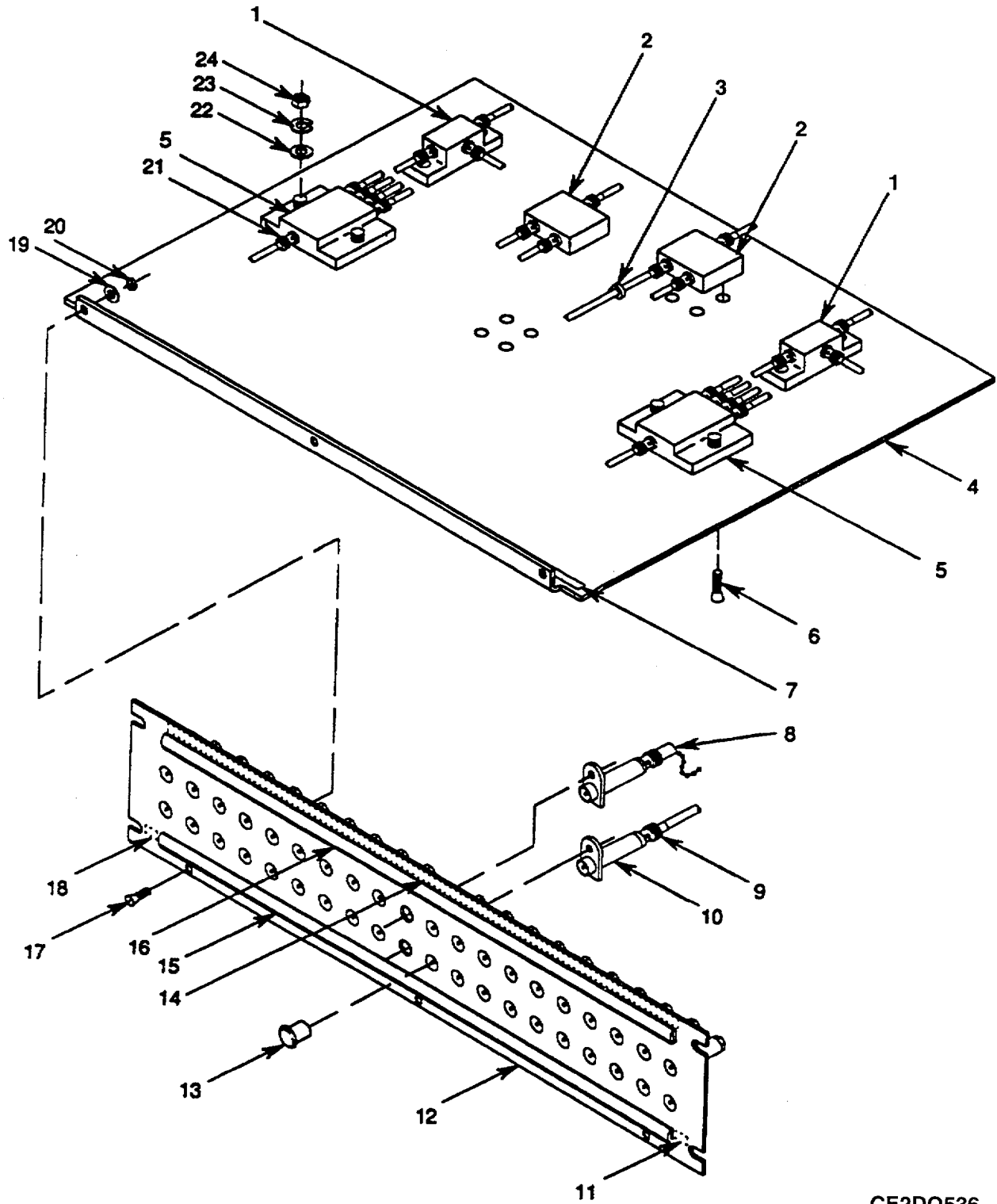
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
RF PATCH PANEL ASSEMBLY(A3015306)						
FIGURE 16.						
1	PBOZZ	5995013696754	80063	A3015360-4	CABLE ASSEMBLY, POWE .....	8
2	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	2
3	PAFZZ	5305009881167	96906	MS35206-204	SCREW, MACHINE .....	2
4	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	133
5	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	133
6	PAFZZ	6130013762171	24321	B28-1	POWER SUPPLY .....	1
7	PAFZZ		17117	2994-14-1	TERMINAL, STUD .....	2
8	PAFZZ	5905001311255	81349	RCR07G122JS	RESISTOR, FIXED, COMP .....	1
9	PAFZZ		51510	101103740	ISOLATOR .....	7
10	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	2
11	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	2
12	PAFZZ	5305009836730	96906	MS35206-218	SCREW, MACHINE .....	4
13	PAFZZ	5305009543938	96906	MS335206-207	SCREW, MACHINE .....	14
14	PAFZZ	5310005435060	96906	MS35338-39	WASHER, LOCK .....	14
15	PAFZZ	5310000870057	96906	MS27183-2	WASHER, FLAT .....	14
16	PAFZZ	5310009349739	96906	MS35649-242	NUT, PLAIN, HEXAGON .....	3
17	PAFZZ		96906	M524693-52	SCREW, MACHINE .....	6
18	XBFZZ		80063	A3015764	PLATE, COVER .....	3
19	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE .....	120
20	PAFZZ		03554	901-9011	ADAPTER, RF CONNECTO .....	27
21	PAFZZ	5985013728868	54487	RSTM-D-L-1	SWITCH, RADIO FREQUE .....	1
22	XBFZZ		80063	A3015766-3	DESIGNATION STRIPS .....	1
23	XBFZZ		80063	A3015766-4	DESIGNATION STRIPS .....	1
24	PAFZZ		56996	B4037502	DESIGNATION STRIP .....	2
25	PAFZZ		12457	QHMT-2-10G	STRIPLINE COUPLER .....	2
26	PAFZZ		90836	1335-2-MA9	CONNECTOR TERMINATI .....	3
27	PAFZZ	5310009514679	96906	MS27183-3	WASHER, FLAT .....	4
28	PAFZZ		81348	FFS92TYPEISTYLE4 S	SCREW, MACH, FILM #3 .....	4
29	XBFZZ		80063	A3015732-2	SUPPORT RF ISOLATOR .....	1
30	XBFZZ		80063	A3015732-1	SUPPORT RF ISOLATOR .....	1
31	XBFZZ		80063	A3015742	RF PATCH PANEL-WELD .....	1
32	PBOZZ	5995013700159	80063	A3015359-7	CABLE ASSEMBLY, POWE .....	4
33	PBOZZ	5995013700158	80063	A3015359-2	CABLE ASSEMBLY, POWE .....	7
34	PBOZZ	5995013700152	80063	A3015360-5	CABLE ASSEMBLY, POWE .....	5
35	PAFZZ	5940001138184	96906	MS25036-150	TERMINAL, LUG .....	2
36	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
37	XBFZZ		80063	A3015774	HIRE HARNESS ASSEMB .....	1
38	PAOZZ	6240001557836	96906	M525237-237	LAMP, INCANDESCENT .....	2
39	PAFZZ	5905001048330	81349	RCR20G333JS	RESISTOR, FIXED, COMP .....	1
40	PAFZZ		81349	M22885/9-01	SWITCH, PUSH BUTTON .....	2
41	PAFZZ	6210007286250	81349	M22885/12-04	PUSHBUTTON .....	8
42	PAFZZ		87034	616-6-1-A1H	SWITCH, LATCHING .....	1
43	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR .....	1
44	PAFZZ		72619	507-4756-331-500	CARTRIDGE, DATA LAMP .....	1
45	PAFZZ		75915	344-125	FUSEHOLDER, EXTRACTO .....	1
46	PAOZZ	5920002808344	81349	F02A250V1/2A	FUSE, CARTRIDGE .....	1

SECTION II

TM 11-5895-1328-23P

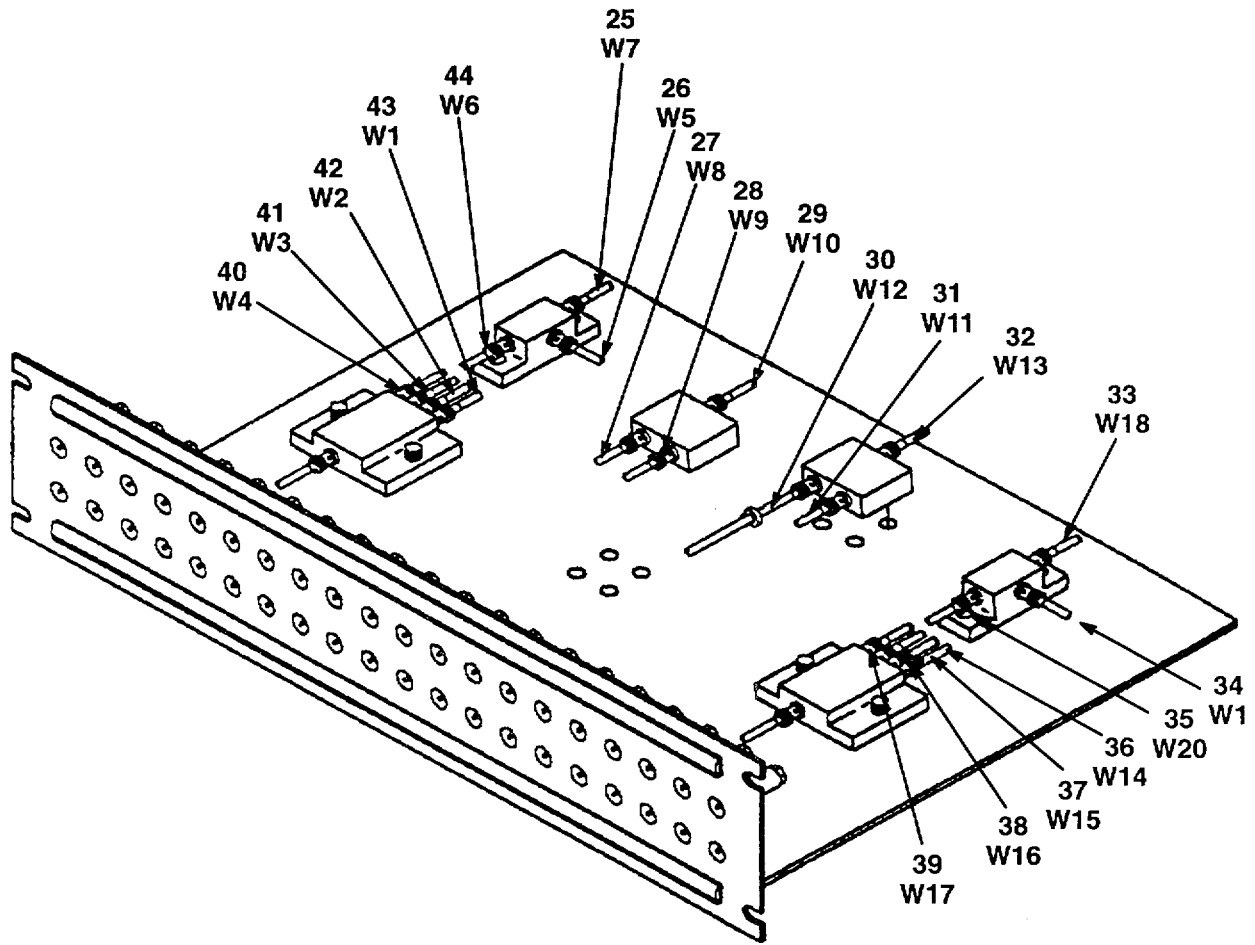
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
47	PBOZZ	5995013700161	80063	A3015360-6	CABLE ASSEMBLY, POWE .....	1
48	PBOZZ		80063	A3015360-2	CABLE ASSEMBLY, POWE .....	2

END OF FIGURE



CE2D0536

Figure 17. IF Patch Panel Shelf Assembly, A7 (A3015311) (Sheet 1 of 2)

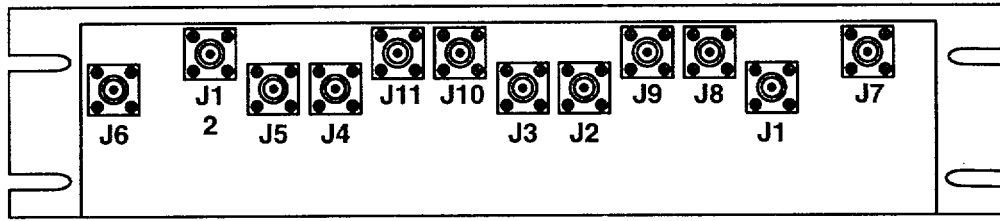


CE2D0537

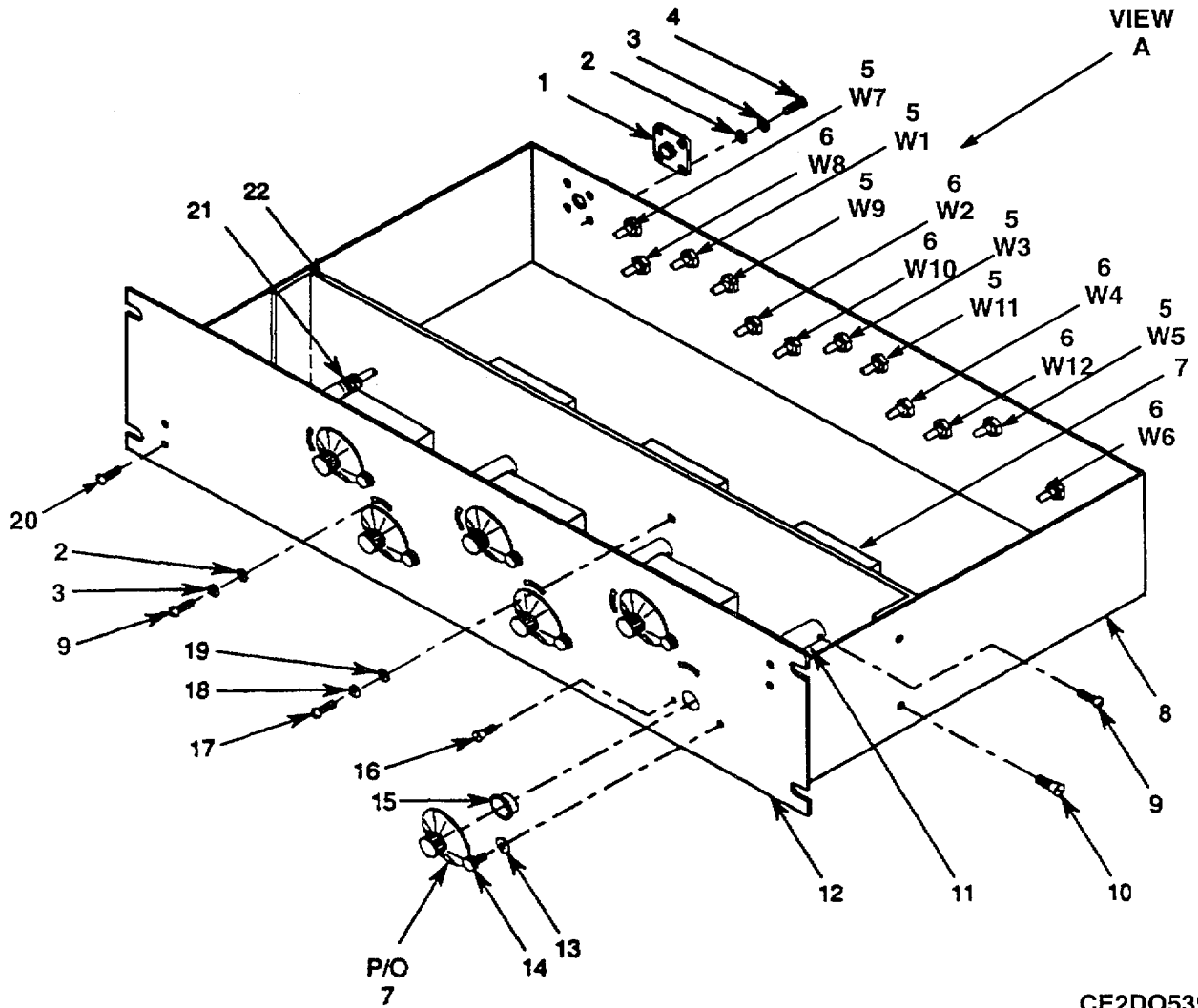
Figure 17. IF Patch Panel Shelf Assembly, A7 (A3015311) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
IF PATCH PANEL ASSEMBLY, A7(A3015311)						
FIGURE 17.						
1	PAFZZ	6625010418034	12457	PD-20-50	DIVIDER, POWER, RADIO .....	2
2	PAFZZ	5975001563253	96906	MS3367-2-9	STRAP, TIEDOWN, ELECT .....	1
3	PAFZZ		12457	CR-10-50	DIRECTIONAL COUPLER.....	2
4	XBFZZ		80063	A36015366	SHELF, F PATCH PANE .....	1
5	PAFZZ	6625012778510	12457	PD-40-100	DIVIDER, POWER, RADIO .....	2
6	PAFZZ	5305009576264	96906	M535190-225	SCREW, MACHINE .....	8
7	XBFZZ		80063	A3015693-2	IDENTIFICATION STRI .....	1
8	PAFZZ	5985003284000	91836	KC-89-42	COUPLER, TRANSMISSIO .....	2
9	PAFZZ		80063	A3015963	ATTENUATORS, FIXED.....	1
10	XBFZZ		14949	J13-50	DUMMY LOAD, ELECTRIC .....	48
11	XBFZZ		80063	A3015693-4	IDENTIFICATION STRI .....	1
12	XBFZZ		14949	JS1-56	PANEL, PATCH IF.....	1
13	XBFZZ		82389	P-1801	BUTTON, CAP.....	8
14	XBFZZ		80063	A3015693-1	IDENTIFICATION STRI .....	1
15	XBFZZ		80063	A3015765-4	DESIGNATION STRIP.....	1
16	XBFZZ		80063	A3015765-3	DESIGNATION STRIP.....	1
17	PAFZZ	5305009577812	96906	MS24693-S276	SCREW, MACHINE .....	3
18	XBFZZ		80063	A3015693-3	IDENTIFICATION STRI .....	1
19	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	3
20	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	3
21	PAFZZ		80063	A3015964	ATTENUATORS, FIXED.....	1
22	PAFZZ		96906	MS27183-6	WASHER, FLAT, ROUND .....	8
23	PAFZZ	5310000454007	96906	MS35338-41	WASHER, LOCK .....	8
24	PAFZZ	5310009349747	96906	M535649-262	NUT, PLAIN, HEXAGON .....	8
25	XBFZZ		80063	A3015576-12	CABLE ASSEMBLY, IF .....	1
26	XBFZZ		80063	A3015576-14	CABLE ASSEMBLY, IF .....	1
27	XBFZZ		80063	A3015576-16	CABLE ASSEMBLY, IF .....	1
28	XBFZZ		80063	A3015576-15	CABLE ASSEMBLY, IF .....	1
29	XBFZZ		80063	A3015576-17	CABLE ASSEMBLY, IF .....	1
30	XBFZZ		80063	A3015576-19	CABLE ASSEMBLY, IF .....	1
31	XBFZZ		80063	A3015576-18	CABLE ASSEMBLY, IF .....	1
32	XBFZZ		80063	A3015576-20	CABLE ASSEMBLY, IF .....	1
33	XBFZZ		80063	A3015576-5	CABLE ASSEMBLY, IF .....	1
34	XBFZZ		80063	A3015576-6	CABLE ASSEMBLY, IF .....	1
35	XBFZZ		80063	A3015576-7	CABLE ASSEMBLY, IF .....	1
36	XBFZZ		80063	A3015576-1	CABLE ASSEMBLY, IF .....	1
37	XBFZZ		80063	A3015576-2	CABLE ASSEMBLY, IF .....	1
38	XBFZZ		80063	A3015576-3	CABLE ASSEMBLY, IF .....	1
39	XBFZZ		80063	A3015576-4	CABLE ASSEMBLY, IF .....	1
40	XBFZZ		80063	A3015576-11	CABLE ASSEMBLY, IF .....	1
41	XBFZZ		80063	A3015576-10	CABLE ASSEMBLY, IF .....	1
42	XBFZZ		80063	A3015576-9	CABLE ASSEMBLY, IF .....	1
43	XBFZZ		80063	A3015576-8	CABLE ASSEMBLY, IF .....	1
44	XBFZZ		80063	A3015576-13	CABLE ASSEMBLY, IF .....	1

END OF FIGURE



VIEW A



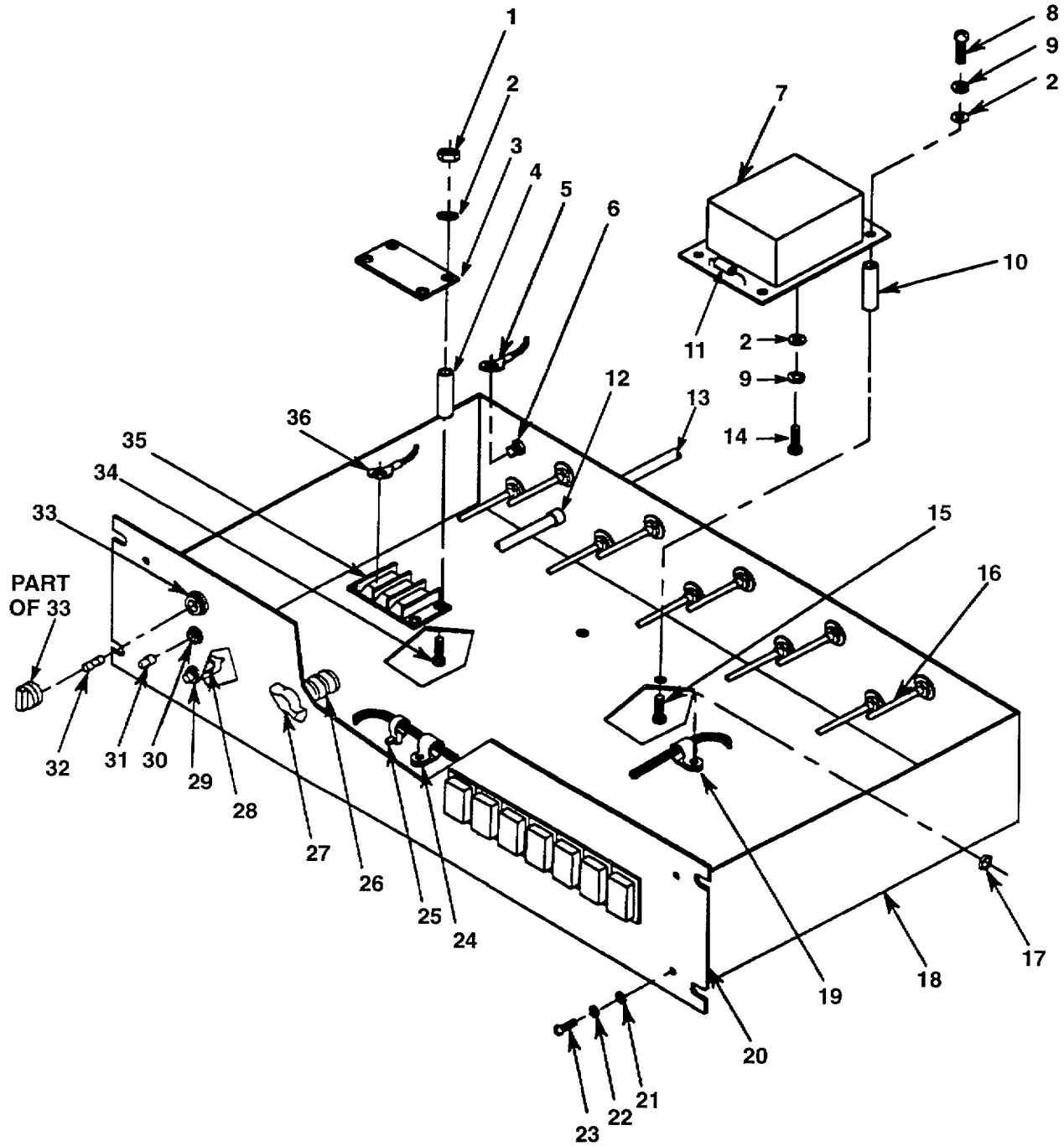
CE2DO539

Figure 18. RF Power Assembly (A3015643)



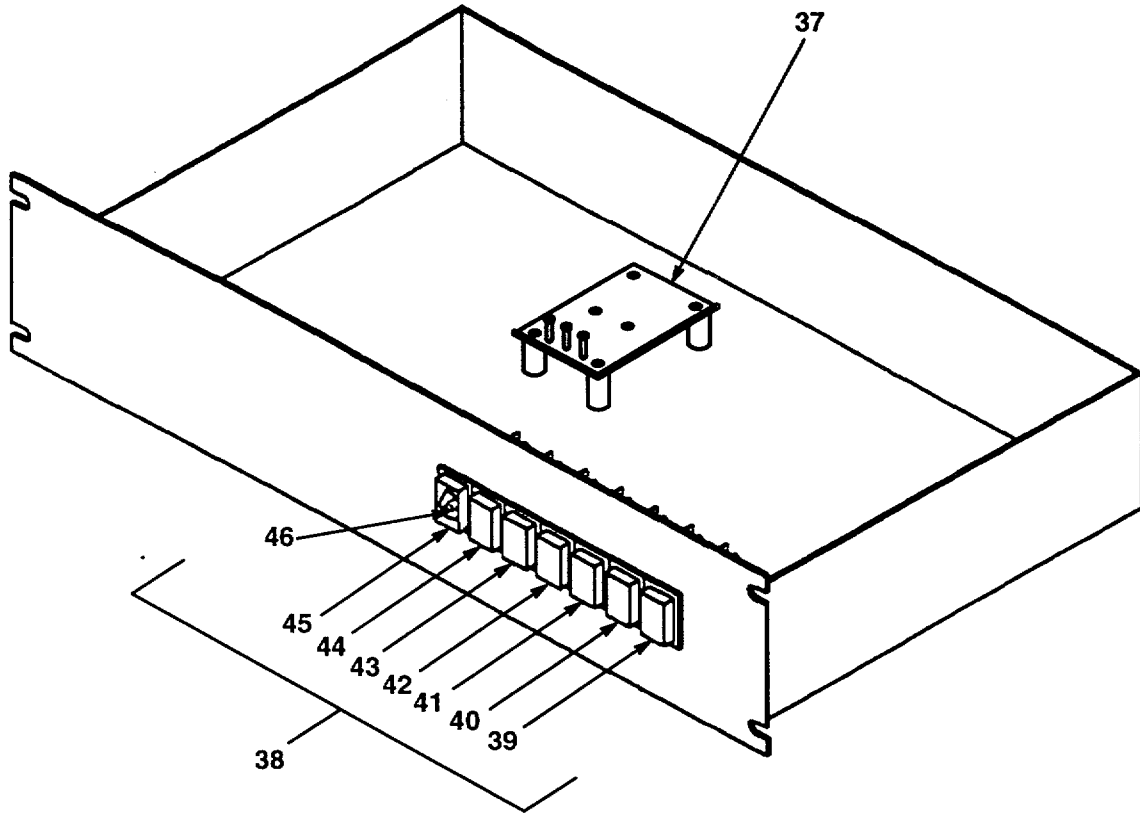
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
RF POWER PANEL ASSEMBLY(A3015643)						
FIGURE 18.						
1	XBFZZ		03554	90179011	ADAPTER, RF CONNECTO.....	12
2	PAFZZ	5310009514679	96906	MS27183-3	WASHER, FLAT .....	60
3	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	60
4	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE .....	48
5	PBOZZ		80063	A3015360-2	CABLE ASSEMBLY, POWE .....	6
6	PBOZZ	5995013700164	80063	A3015360-1	CABLE ASSEMBLY, POWE .....	6
7	PAFZZ		09922	PF6684-30S	ATTENUATOR, VARIABLE .....	6
8	XBFZZ		80063	A3015404	RF POWER CONTROL .....	1
9	PAFZZ	5305000545651	96906	MS51957-17	SCREW, MACHINE .....	12
10	PAFZZ	5305009585473	96906	MS35190-251	SCREW, MACHINE .....	4
11	PAFZZ		80063	A3015783	ATTENUATOR SHAFT .....	3
12	XBFZZ		80063	A3015420-001	PANEL, RF POWER CONT .....	1
13	XBFZZ		80063	A3015801	NYLON LOCK-WASHER .....	6
14	PAFZZ		2V507	90700A202	SCREW, FINGER .....	6
15	PAFZZ		80063	A3015782	BUSHING .....	3
16	PAFZZ	5305009585453	96906	M335190-236	SCREW, MACHINE .....	9
17	PAFZZ	5305009844988	96906	MS35206-228	SCREW, MACHINE .....	9
18	PAFZZ	5310000454007	96906	M535338-41	WASHER, LOCK .....	9
19	PAFZZ		96906	MS27183-5	WASHER, FLAT .....	9
20	PAFZZ	5305009847341	96906	MS35191-273	SCREW, MACHINE .....	4
21	PAFZZ		96906	MS51964-9	SET SCREW-HEX SOCKE .....	6
22	XBFZZ		80063	A3015762-001	MOUNTING BRACKET .....	1

END OF FIGURE



CE2D0508

Figure 19. Electronic Components Assembly, FCS Up Converter, A11 (A3015644) (Sheet 1 of 2)



CE2D0509

Figure 19. Electronic Components Assembly, FCS Up Converter, A11 (A3015644) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
ELECTRONIC COMPONENTS ASSEMBLY, FCS UP CONVERTER (A3015644)						
FIGURE 19.						
1	PAFZZ	5310000880551	96906	MS21044-N04	NUT, SELF-LOCKING, HE .....	4
2	PAFZZ	5510009501310	96906	MS27183-4	WASHER, FLAT .....	10
3	XBFZZ		80063	SM-C-982438	COVER, PROTECTIVE .....	1
4	PAFZZ		83330	9184	SPACER, NYLON.....	4
5	PAFZZ	5940001138184	96906	MS25036-150	TERMINAL, LUG .....	2
6	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN.....	1
7	PAFZZ		18655	PM542	POWER SUPPLY .....	1
8	PAFZZ	5305008892997	96906	MS535206-215	SCREW, MACHINE .....	4
9	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	6
10	PAFZZ		83330	2372	SPACER, BRASS.....	4
11	PAFZZ	5905001069357	81349	RCR07G750JS	RESISTOR, FIXED, COMP .....	1
12	PAFZZ	5975002464906	28520	SR-6P-4	BUSHING, STRAIN RELI .....	1
13	PAFZZ		71482	SJ-0-0D330	POWER CORD SET.....	1
14	PAFZZ	5305008893116	96906	MS35206-213	SCREW, MACHINE .....	2
15	PAFZZ	5305009576636	96906	MS35190-223	SCREW, MACHINE .....	4
16	XBFFF		80063	A3015660	WIRING HARNESS ASSE SEE FIGURE 20 .....	1
FOR PARTS BREAKDOWN						
17	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	2
18	XBFZZ		80063	A5015319	WRAPAROUND, CONTROL .....	1
19	PAFZZ	5340000612381	96906	MS25281-F13	CLAMP, LOOP .....	1
20	XBFZZ		80063	A3015584	PANEL, FRONT, CONTROL .....	1
21	PAFZZ	5310008094058	96906	MS27183-10	WASHER, FLAT .....	4
22	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	4
23	PAFZZ	5505009897435	96906	M535207-264	SCREW, MACHINE .....	4
24	PAFZZ	5340009436041	96906	M525281-F4	CLAMP, LOOP .....	1
25	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN.....	1
26	PAFZZ	5930013728080	80063	A3015637	SWITCH, ROTARY.....	1
27	PAFZZ	5355003412477	80063	SMB552258	KNOB .....	1
28	PAFZZ	5905001048330	81349	RCR20G35533JS	RESISTOR, FIXED, COMP .....	1
29	PAFZZ		87034	616-6-1-A1H	SWITCH, LATCHING-PRE .....	1
30	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR.....	1
31	PAFZZ		72619	507-4756-331-500	CARTRIDGE, DATA LAMP.....	1
32	PAOZZ	5920002960446	81349	F02A250V3/4A	FUSE, CARTRIDGE.....	1
33	PAFZZ		75915	344-125	FUSEHOLDER, EXTRACTO.....	1
34	PAFZZ	5305009585456	96906	MS35190-2350	SCREW, MACHINE .....	4
35	PAFZZ	5940009836115	81349	38TB-2	TERMINAL BOARD .....	1
36	PAFZZ	5940005571629	96906	MS25036-149	TERMINAL, LUG .....	2
37	PAFZZ	6130010752159	80063	SM-C-860921	POWER SUPPLY SUBASS .....	1
38	PAFFF		80063	A3015559	SWITCH ASSEMBLY .....	1
39	XBFZZ		56996	B4058004-7	LENS, HOLDER .....	1
40	PAFZZ		56996	B4038004-6	LENS, HOLDER .....	1
41	PAFZZ		56996	B4038004-5	RETAINER, LENS .....	1
42	PAFZZ		56996	B4038004-4	RETAINER, LENS .....	1
43	PAFZZ		56996	B4038004-3	RETAINER, LENS .....	1
44	XBFZZ		56996	B4038004-2	RETAINER, LENS .....	1
45	PAFZZ		56996	B4038004-1	RETAINER, LENS .....	1

END OF FIGURE

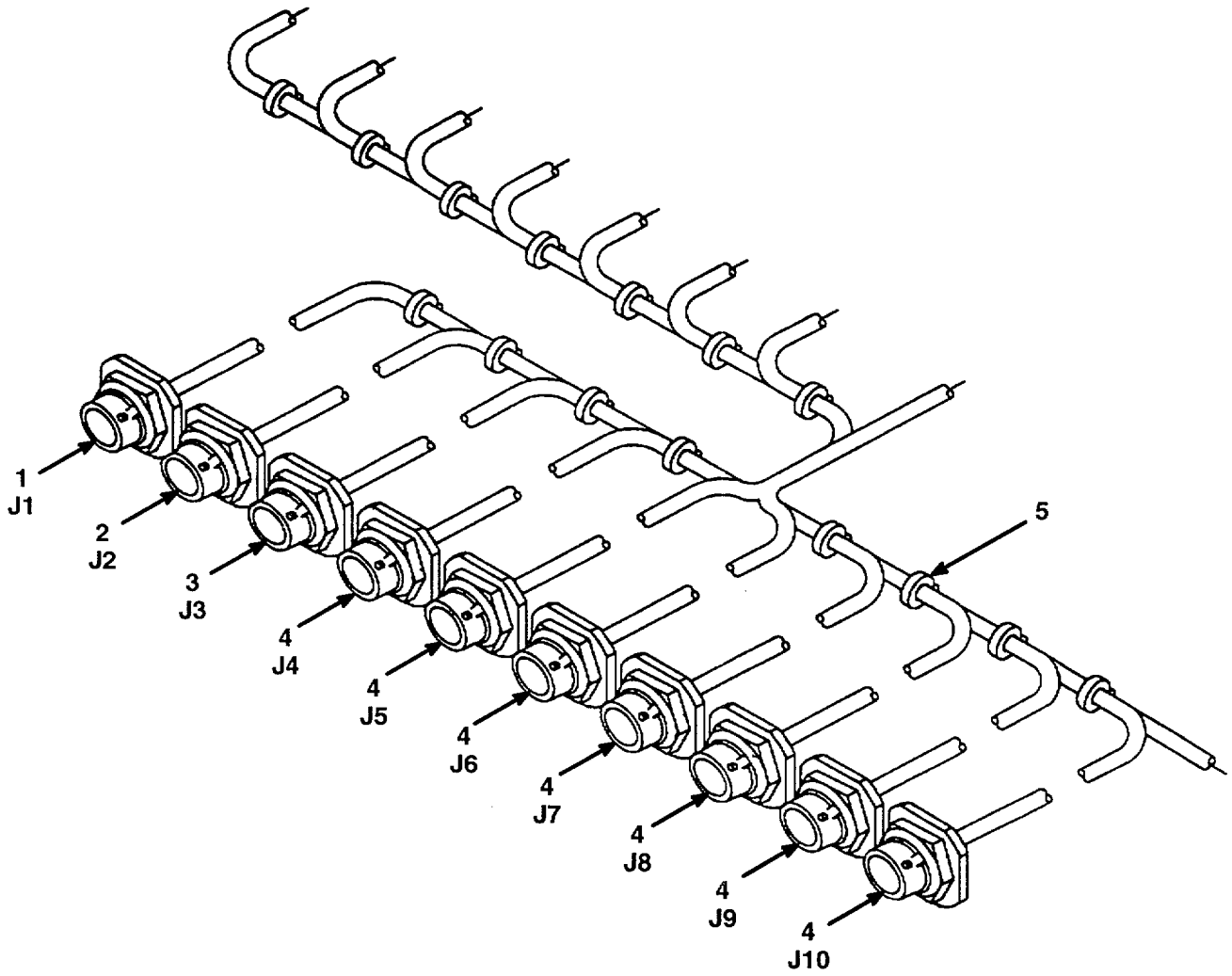


Figure 20. Wiring Harness Assembly (A3015660)

SECTION II

TM 11-5895-1328-23P

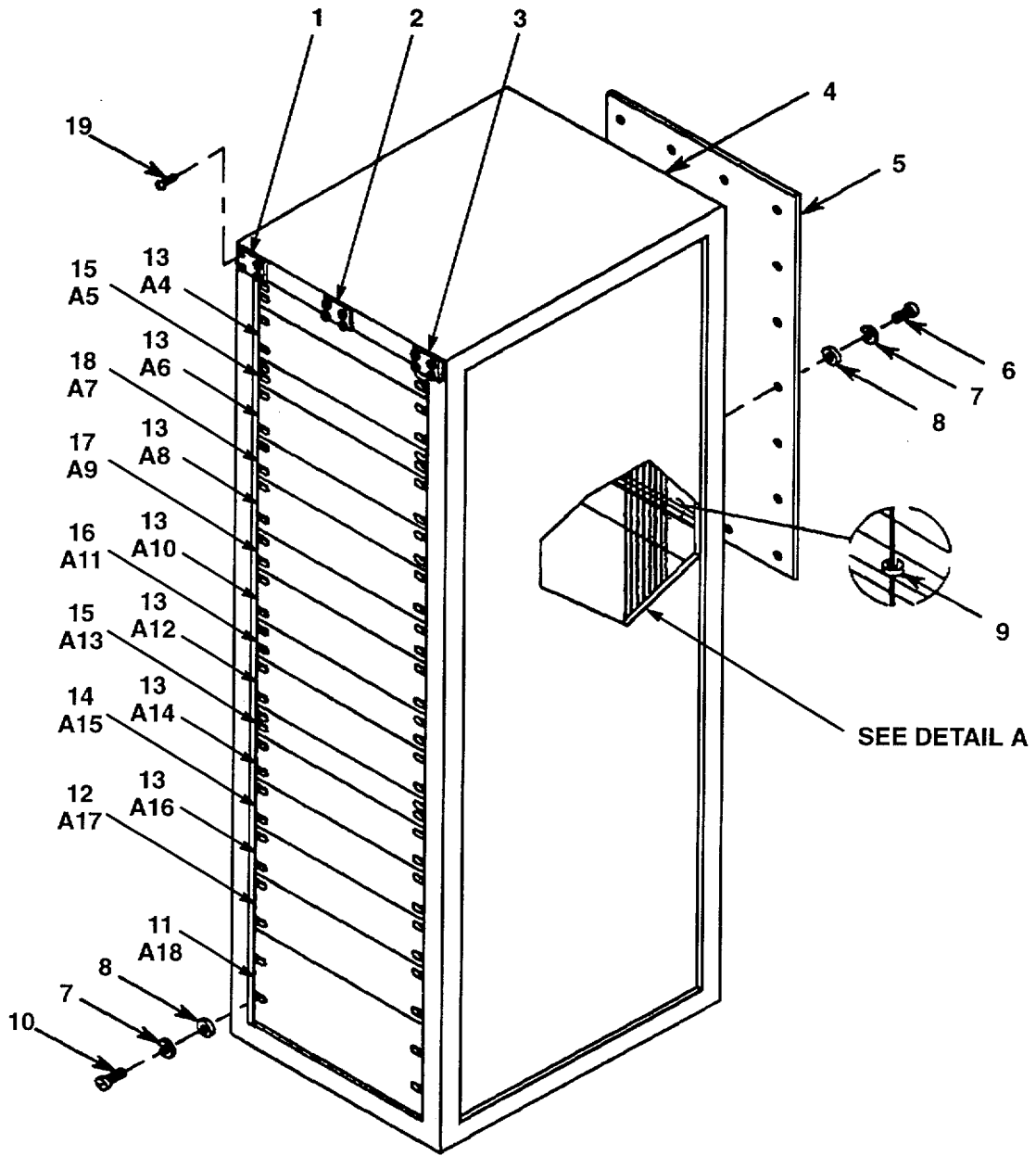
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HIRING HARNESS ASSEMBLY(A3015660)

FIGURE 20.

1	PAFZZ	96906		MS3114E14-19PX	CONNECTOR, RECEPTACL .....	1
2	PAFZZ	96906		MS3114E14-19P	CONNECTOR, RECEPTACL .....	1
3	PAFZZ	96906		MMS3114E14-19OW	CONNECTOR, RECEPTACL .....	1
4	XAFZZ	96906		MS3114F14-15S	CONNECTOR, RECEPTACL .....	7
5	PAFZZ	96906		MS53367-1-9	STRAP TIEDOWN .....	1

END OF FIGURE



CE2D0541

Figure 21. Converter Group, OU-169/FSQ-158(V) C118 Rack 3 (A3015101) (Sheet 1 of 2)

DETAIL A

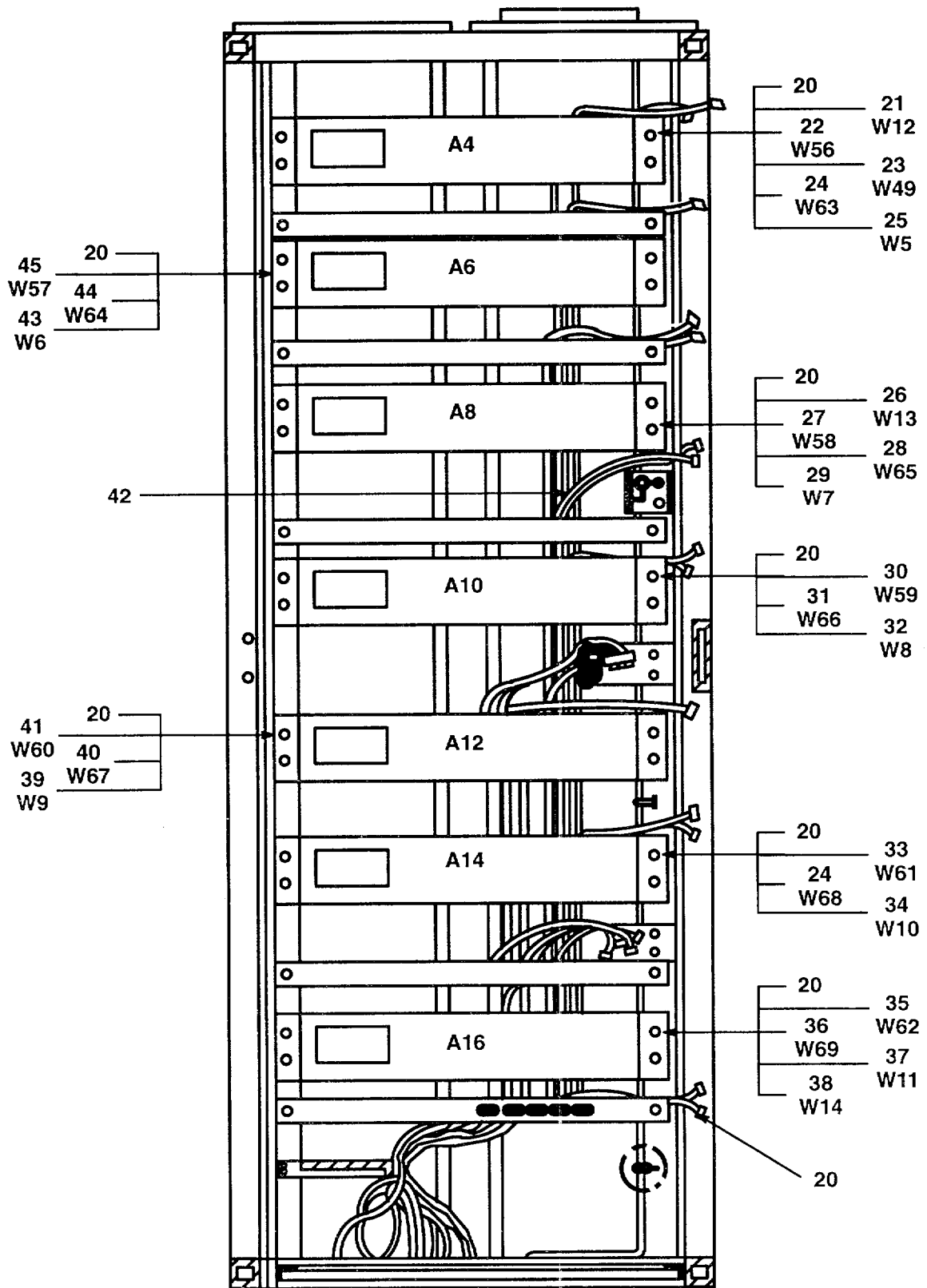


Figure 21. Converter Group, OU-169/FSQ-158(V) C118 Rack 3 (A3015101) (Sheet 2 of 2)



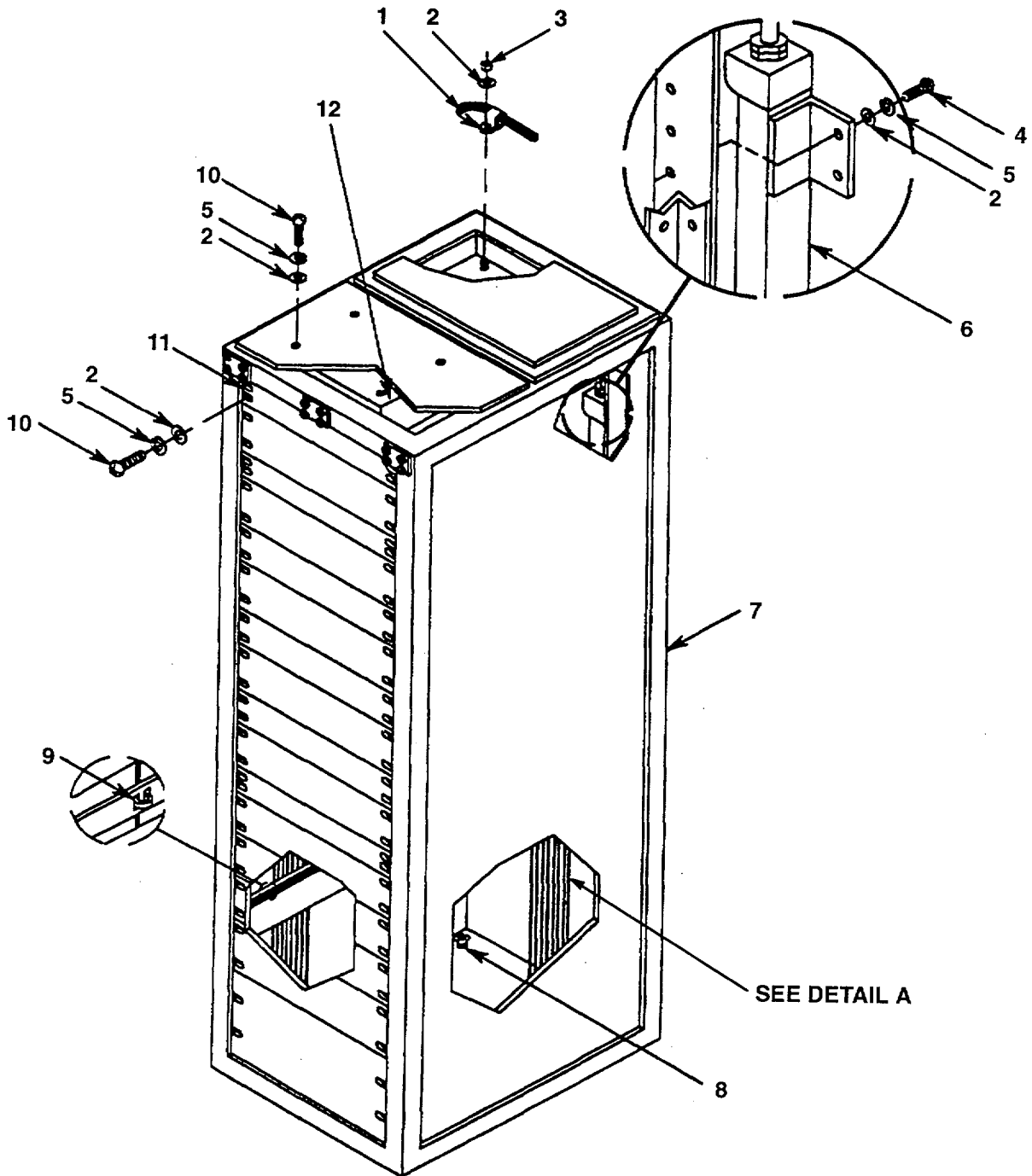
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					CONVERTER GROUP,OU-169/FSQ-158(V) C118 RACK 3(A3015101)	
					FIGURE 21.	
1	XBFZZ		80063	A3015192-15	NAMEPLATE, COMMON.....	1
2	XBFZZ		80063	SM-C-860838	IDENTIFICATION PLAT .....	1
3	XBFZZ		80063	A3015191-15	NAMEPLATE, RACK .....	1
4	XBFFF		80063	A3015667	ELECTRICAL INSTALLA SEE FIGURE 22.....	1
					FOR PARTS BREAKDOWN .....	
5	XBFZZ		80063	A3015136	REAR ACCESS PANEL .....	2
6	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	76
7	PAFZZ	5310000453296	96906	M535338-43	WASHER, LOCK .....	140
8	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	140
9	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN.....	1
10	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	64
11	XBFZZ		80063	SM-D-859872-4	PANEL, BLANK .....	1
12	PDODD		28480	HP5087A032/908/ C15	DISTRIBUTION AMPLIF.....	1
13	PDODD	5895010936967	80058	CV-3654/G	CONVERTER, FREQUENCY SEE TM11-5895-..... 1124-24P .....	7
14	XBFZZ		80063	SM-D-859872-3	PANEL, BLANK .....	1
15	XBFZZ		80063	SM-D-859872-1	PANEL, BLANK .....	2
16	PBOFD	5999012894692	80063	A3015645	ELECTRONIC COMPONEN SEE FIGURE 26.....	1
					FOR PARTS BREAKDOHN.....	
17	XBFFF		80063	A3015307	RF PATCH PANEL SEE FIGURE 24 FOR .....	1
					PARTS BREAKDON.....	
18	XBFFF		80063	A3045312	IF PATCH PANEL SEE FIGURE 25 FOR .....	1
					PARTS BREAKDOIN.....	
19	PAFZZ	5305002535614	96906	MS21318-20	SCREW, DRIVE .....	12
20	XBOZZ		80063	A3015417-1	POWER CABLE ASSEMBL.....	8
21	XBOZZ		80063	A3015413	CABLE ASSEMBLY,CONT .....	1
22	XBOZZ		80063	A3015408-17	CABLE ASSEMBLY, IF .....	1
23	XBOZZ		80063	A3015408-24	CABLE ASSEMBLY, IF .....	1
24	PBOZZ	5995013700149	80063	A3015361-9	CABLE ASSEMBLY, POWE .....	2
25	XBOZZ		80063	A3015411-1	CABLE ASESEMBLY, 5MHZ .....	1
26	XBOZZ		80063	A3015415	CABLE ASSEMBLY, CONT.....	1
27	XBOZZ		80063	A3015408-19	CABLE ASSEMBLY, IF .....	1
28	PBOZZ	5995013700166	80063	A3015361-6	CABLE ASSEMBLY, POWE .....	1
29	XBOZZ		80063	A3015411-3	CABLE ASSEMBLY, 5MHZ .....	1
30	XBOZZ		80063	A3015408-20	CABLE ASSEMBLY, IF .....	1
31	PBOZZ	5995013700165	80063	A3015361-5	CABLE ASSEMBLY, POWE .....	1
32	XBOZZ		80063	A3015411-4	CABLE ASSEMBLY, 5HZ .....	1
33	XBOZZ		80063	A3015408-22	CABLE ASSEMBLY, IF .....	1
34	XBOZZ		80063	A3015411-6	CABLE ASSEMBLY, 5MHZ .....	1
35	XBOZZ		80063	A3015408-23	CABLE ASSEMBLY, IF .....	1
36	PBOZZ	5995013700151	80063	A3015361-11	CABLE ASSEMBLY, POWE .....	1
37	XBOZZ		80063	A3015411-7	CABLE ASSEMBLY, 5MHZ .....	1
38	XBOZZ		80063	A3015414	CABLE ASSEMBLY, CONT.....	1
39	XBOZZ		80063	A3015411-5	CABLE ASSEMBLY, 5MHZ .....	1
40	XBFZZ	5995013700167	80063	A3015361-7	CABLE ASSEMB LY, POWE .....	1

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
41	XBOZZ		80063	A3015403-21	CABLE ASSEMBLY, IF .....	1
42	XBOZZ		80063	A3015417-2	POWER CABLE ASSEMBL.....	1
43	XBOZZ		80063	A3015411-2	CABLE ASSEMBLY, 5MHZ .....	1
44	PBOZZ	5995013700148	80063	A3015361-8	CABLE ASSEMBLY, POWE .....	1
45	XBOZZ		80063	A3015408-18	CABLE ASSEMBLY, IF .....	1

END OF FIGURE



CE2D0545

Figure 22. Electrical Installation, FCS Down Converter (A3015667) (Sheet 1 of 2)

DETAIL A

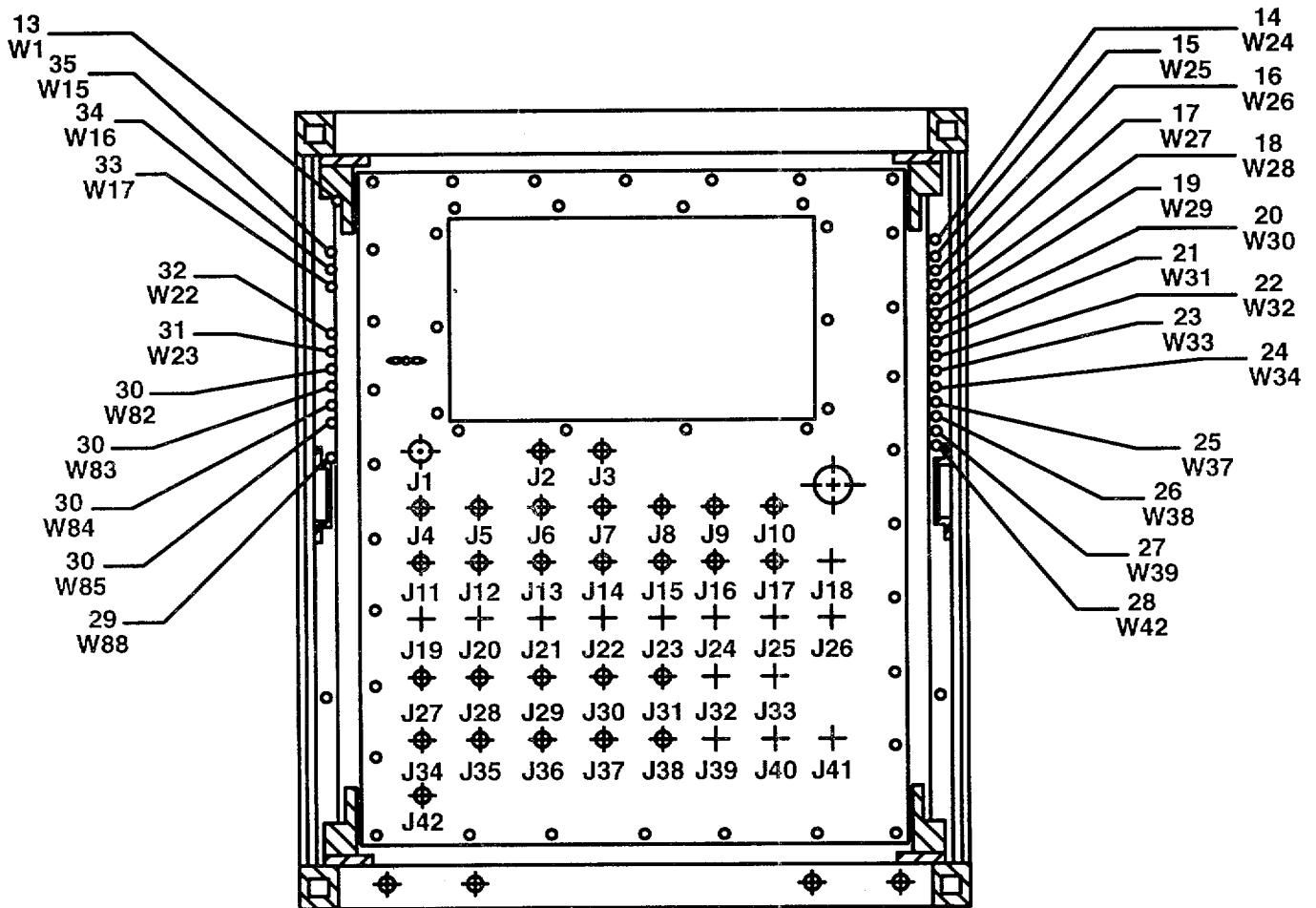
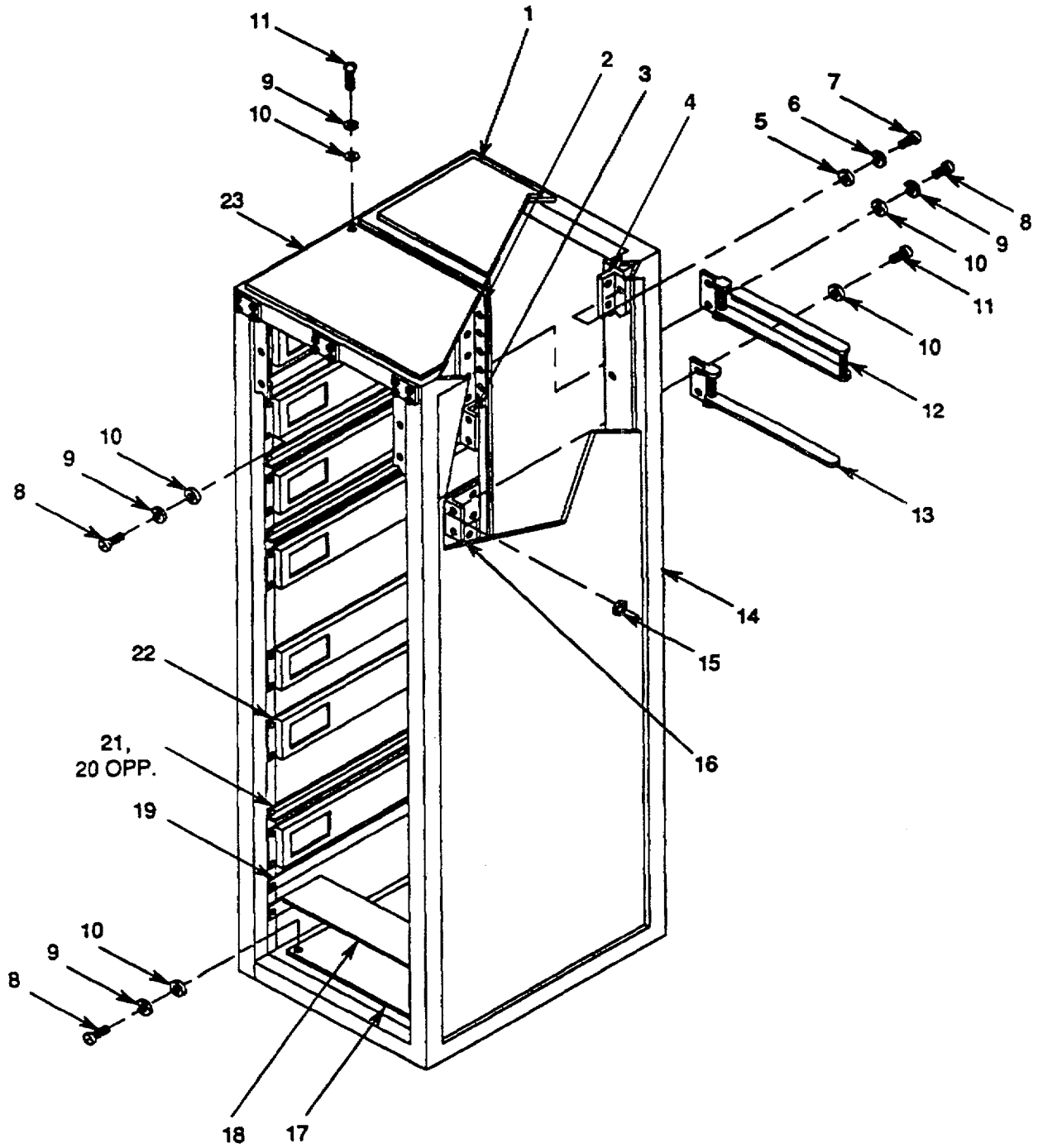


Figure 22. Electrical Installation, FCS Down Converter (A3015667) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					ELECTRICAL INSTALLATION,FCS DOWN CONVERTER (A3015667)	
					FIGURE 22.	
1	PAFZZ	5340008961082	96906	MS25281-F8	CLAMP, LOOP .....	1
2	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	17
3	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	8
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	16
6	XBOZZ		80063	A3015119-18	CABLE ASSEMBLY-RACE .....	1
7	XBFFF		80063	A3015611	BRACKET INSTALLATIO SEE FIGURE 23.....	1
					FOR PARTS BREAKDOWN .....	
8	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
9	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN .....	1
10	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	8
11	PAOFF	6110012878199	80063	A3015406	PANEL ASSEMBLY,POWE SEE FIGURE 6 .....	1
					FOR PARTS BREAKDON .....	
12	XBOFF		80063	A3015249	FILTER BOX ASSEMBLY .....	1
11	XBOZZ		80063	A3015230-2	CABLE ASSEMBLY-BREE .....	1
14	XBOZZ		80063	A30154109-25	CABLE ASSEMBLY .....	1
15	XBOZZ		80063	A3015409-26	CABLE ASSEMBLY, IF .....	1
16	XBOZZ		80063	A3015409-27	CABLE ASSEMBLY, IF .....	1
17	XBOZZ		80063	A3015409-28	CABLE ASSEMBLY, IF .....	1
18	XBOZZ		80063	A3015409-29	CABLE ASSEMBLY, IF .....	1
19	XBOZZ		80063	A3015409-30	CABLE ASSEMBLY, IF .....	1
20	XBOZZ		80063	A3015409-31	CABLE ASSEMBLY, IF .....	1
21	XBOZZ		80063	A3015409-32	CABLE ASSEMBLY, IF .....	1
22	XBOZZ		80063	A3015409-33	CABLE ASSEMBLY, IF .....	1
23	XBOZZ		80063	A3015409-34	CABLE ASSEMBLY, IF .....	1
24	XBOZZ		80063	A3015409-35	CABLE ASSEMBLY, IF .....	1
25	XBOZZ		80063	A3015409-36	CABLE ASSEMBLY, IF .....	1
26	XBOZZ		80063	A3015409-37	CABLE ASSEMBLY, IF .....	1
27	XBOZZ		80063	A3015409-38	CABLE ASSEMBLY, IF .....	1
28	XBOZZ		80063	A3015409-39	CABLE ASSEMBLY, IF .....	1
29	XBOZZ		80063	A3015410	CABLE ASSEMBLY, 5MHZ .....	1
30	PBOZZ	5995013700154	80063	A3015362-10	CABLE ASSEMBLY, POWER .....	4
31	XBOZZ		80063	A3015485	MECH GROUND UP/DN .....	1
32	XBOZZ		80063	A3015412	CABLE ASSEMBLY, REO .....	1
33	XBOZZ		80063	A3015416-3	CABLE ASSEMBLY, CONT .....	1
34	XBOZZ		80063	A3015416-2	CABLE ASSEMBLY, CONT .....	1
35	XBOZZ		80063	A3015416-1	CABLE ASSEMBLY, CONT .....	1

END OF FIGURE

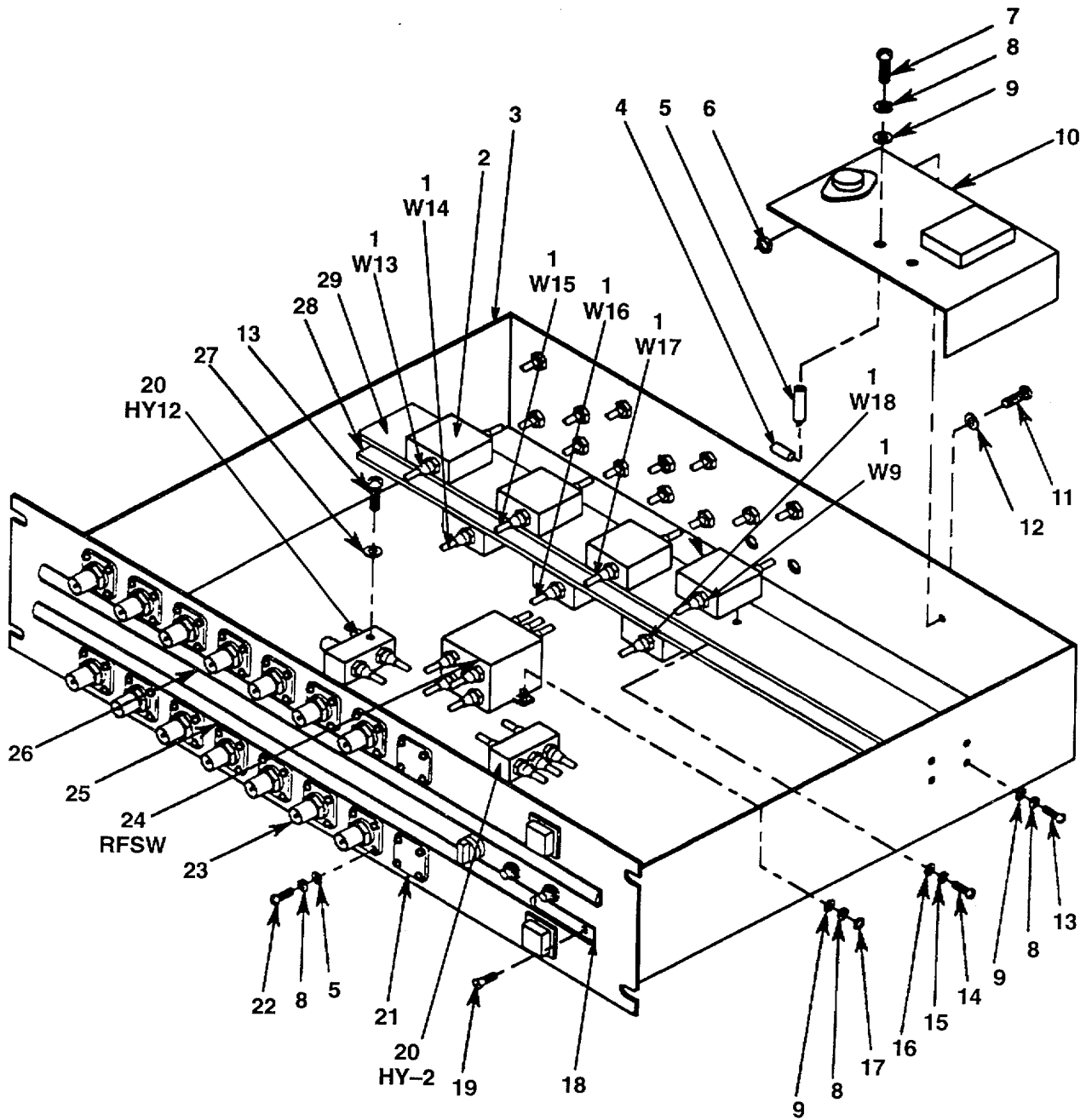


CE2DO528

Figure 23. Bracket Installation, FCS Down Converter (A3015611)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
BRACKET INSTALLATION,FCS DOWN CONVERTER (A3015611)						
FIGURE 23.						
1	XBFFF		80063	A3015269-5	BLOWER ASSEMBLY SEE FIGURE 5 FOR .....	1
2	XBFZZ		80063	A3015109-2	PARTS BREAKDOWN .....	
3	XBFZZ		80063	A3015733-1	BRACKET ASSEMBLY-PI .....	2
4	XBFZZ		80063	A3015109-1	ANGLE BRACKET .....	1
5	PAFZZ	5310008094058	96906	MS27183-10	BRACKET ASSEMBLY-PI .....	2
6	PAFZZ	5310005825965	96906	MS35338-44	WASHER, FLAT .....	36
7	PAFZZ	5305002253843	80204	B1821BH025C100N	WASHER, LOCK .....	36
8	PAFZZ	5305009897435	96906	MS35207-264	SCREW, CAP, HEXAGON H .....	36
9	PAFZZ	5310000453296	96906	MS35338-43	SCREW, MACHINE .....	176
10	PAFZZ	5310000145850	96906	MS27183-42	WASHER, LOCK .....	172
11	PAFZZ	5305009931848	96906	MS35207-265	WASHER, FLAT .....	17
12	XBFZZ	5340011211578	80063	SM-C-861006	SCREW, MACHINE .....	48
13	XBFZZ		80063	A3015735	RETRACTOR, CABLE .....	7
14	XBFZZ		80063	A3015138	CABLE RETRACTOR-MOD .....	2
15	PAFZZ	5310008775797	96906	M521044-N3	CABINET DRILLED .....	1
16	XBFZZ		80063	A3015733-2	NUT,SELF-LOCKING, HE .....	4
17	XBFZZ		80063	A3015401	ANGLE BRACKET .....	1
18	XBFZZ		80063	SM-C-860570-1	INTERFACE PANEL .....	1
19	XBFZZ		80063	A3015201	BRACKET CABLE SUPPO .....	1
20	XBFZZ		80063	A3015407-2	BRACKET, CABLE SUPPO .....	4
21	XBFZZ		80063	A3015407-1	SUPPORT EQPT MOUNT .....	3
22	XBFZZ		80063	A3015367	SUPPORT EQPT MOUNT .....	3
23	XBFZZ		80063	A3015257	SLIDE SUPPORT BRACK .....	14
					FILTER PANEL ASSEMB .....	1

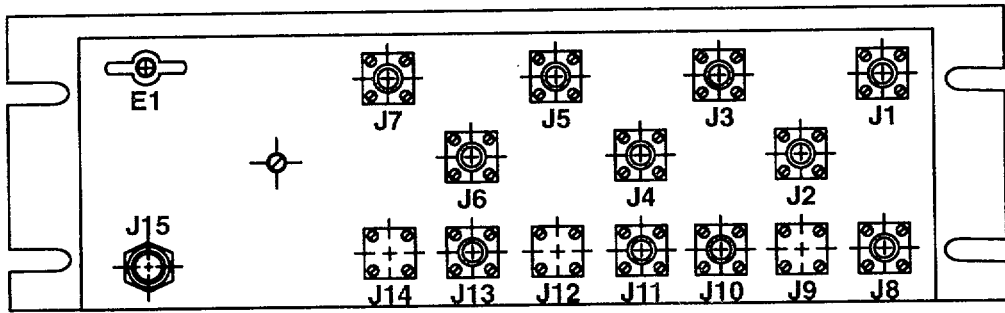
END OF FIGURE



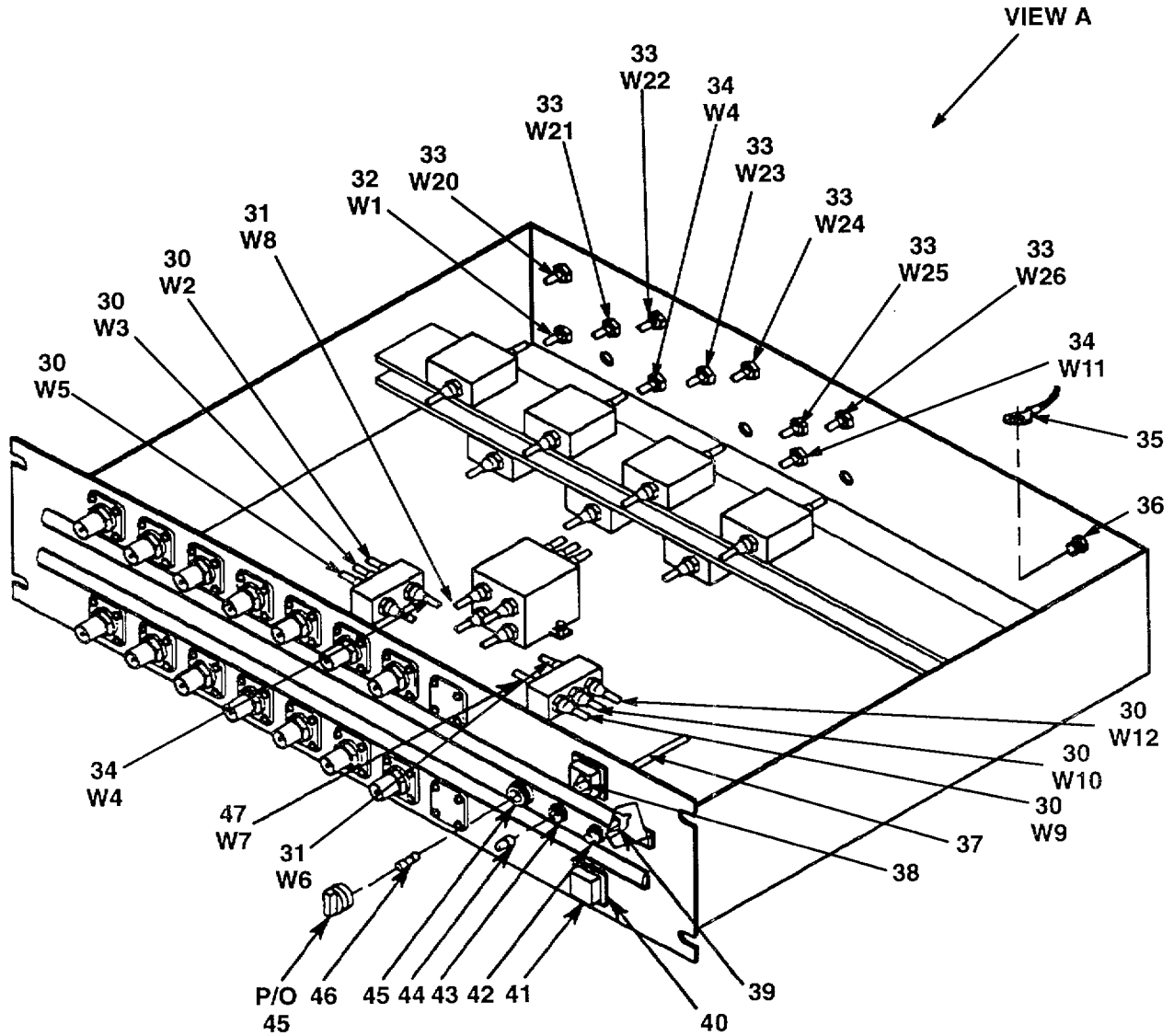
CE2D0542

Figure 24. RF Patch Panel Assembly, A9 (A3015307) (Sheet 1 of 2)





VIEW A



CE2D0543

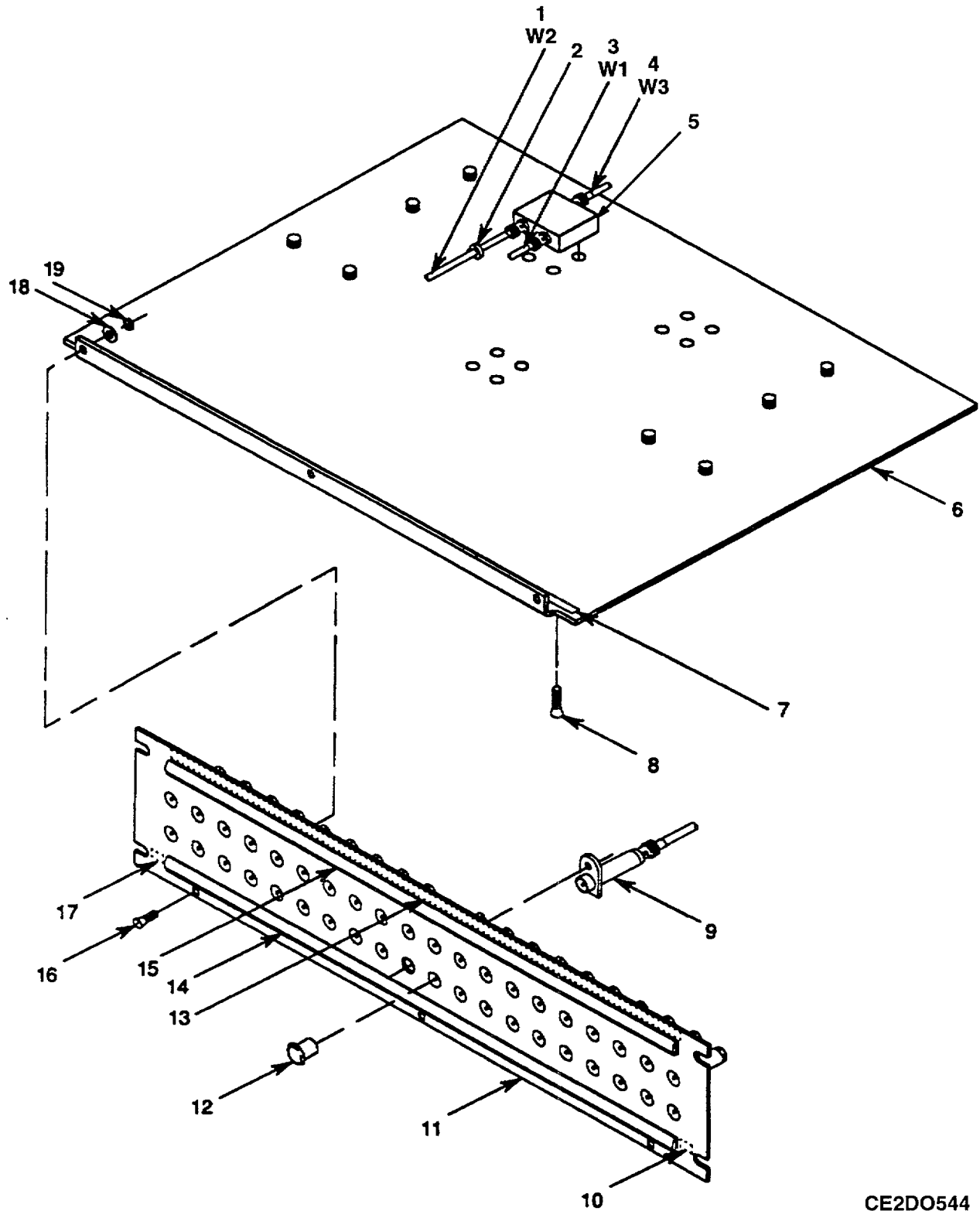
Figure 24. RF Patch Panel Assembly, A9 (A3015307) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
RF PATCH PANEL ASSEMBLY,A9 (A3015307)						
FIGURE 24.						
1	PBOZZ	5995013696754	80063	A3015360-4	CABLE ASSEMBLY, POWE .....	7
2	PAFZZ		51510	101103740	ISOLATOR .....	7
3	XBFZZ		80063	A3015743	RF PATCH PANEL-HELD.....	1
4	PAFZZ	5905001311255	81349	RCR07G122JS	RESISTOR, FIXED, COMP .....	1
5	PAFZZ		17117	2994-14-1	TERMINAL, STUD .....	2
6	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	2
7	PAFZZ	5305009881167	96906	MS35206-204	SCREW, MACHINE .....	2
8	PAFZZ	5310005432410	96906	M535338-40	WASHER, LOCK .....	133
9	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	133
10	PAFZZ	6130013762171	24321	B28-1	POWER SUPPLY .....	1
11	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	2
12	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	2
13	PAFZZ		96906	MS25036-218	SCREW, MACH, PAN HD .....	8
14	PAFZZ	5305009543938	96906	MS535206-207	SCREW, MACHINE .....	14
15	PAFZZ	5310005435060	96906	MS35338-39	WASHER, LOCK .....	14
16	PAFZZ	5310000870057	96906	MS27183-2	WASHER, FLAT .....	14
17	PAFZZ	5310009349739	96906	M535649-242	NUT, PLAIN, HEXAGON .....	3
18	XBFZZ		56996	B4037502	DESIGNATION STRIP.....	2
19	PAFZZ	5305000816668	96906	MS24693-S2	SCREW, MACHINE .....	6
20	PAFZZ	6625013735859	12457	PDM-42-10GA	DIVIDER, POWER, RADIO .....	2
21	XBFZZ		80063	A3015764	PLATE, COVER.....	5
22	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE .....	120
23	PAFZZ		03554	901--011	ADAPTER RF CONNECTO.....	25
24	PAFZZ	5985013728868	54487	RSTM-D-L-1	SWITCH, RADIO FREQUE .....	1
25	XBFZZ		80063	A3015766-6	DESIGNATION STRIPS, .....	1
26	XBFZZ		80063	A3015766-5	DESIGNATION STRIPS .....	1
27	PAFZZ	5310009514679	96906	MS27183-3	WASHER, FLAT .....	4
28	XBFZZ		80063	A3015732-2	SUPPORT, RF ISOLATOR.....	1
29	XBFZZ		80063	A3015732-1	SUPPORT, RF ISOLATOR.....	1
30	PBOZZ	5995013700164	80063	A3015360-1	CABLE ASSEMBLY, POWE .....	6
31	PBOZZ	5995013700152	80063	A3015360-5	CABLE ASSEMBLY, POWE .....	2
32	PBOZZ	5995013700159	80063	A3015359-7	CABLE ASSEMBLY, POWE .....	1
33	PBOZZ	5995013700158	80063	A3015359-2	CABLE ASSEMBLY, POWE .....	7
34	PBOZZ		80063	A3015359-4	CABLE ASSEMBLY, POWE .....	2
35	PAFZZ	5940001138184	96906	MS25036-150	TERMINAL, LUG .....	2
36	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
37	XBFZZ		80063	A3015776	WIRING HARNESS .....	1
38	PAOZZ	62400015578536	96906	MS25237-237	LAMP, INCANDESCENT.....	2
39	PAFZZ	5905001048330	81349	RCR20G333JS	RESISTOR, FIXED, COMP .....	1
40	PAFZZ		81349	M22885/9-01	SWITCH, PUSH BUTTON .....	2
41	PAFZZ	6210007286250	81349	M22885/12-04	PUSH BUTTON.....	8
42	PAFZZ		87034	616-6-1-A1H	SWITCH, LATCHING-PRE .....	1
43	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR.....	1
44	PAFZZ	6240010325105	71744	CM44-11-031-1	LAMP, CARTRIDGE.....	1
45	PAFZZ		75915	344125	FUSE HOLDER, CLEAR .....	1
46	PAOZZ	5920002808344	81349	F02A250V1/2A	FUSE, CARTRIDGE .....	1

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
47	PBOZZ	5995013700160	80063	A3015359-9	CABLE ASSEMBLY, POWE .....	1
					END OF FIGURE	



CE2DO544

Figure 25. IF Patch Panel Shelf Assembly, A7 (A3015312)

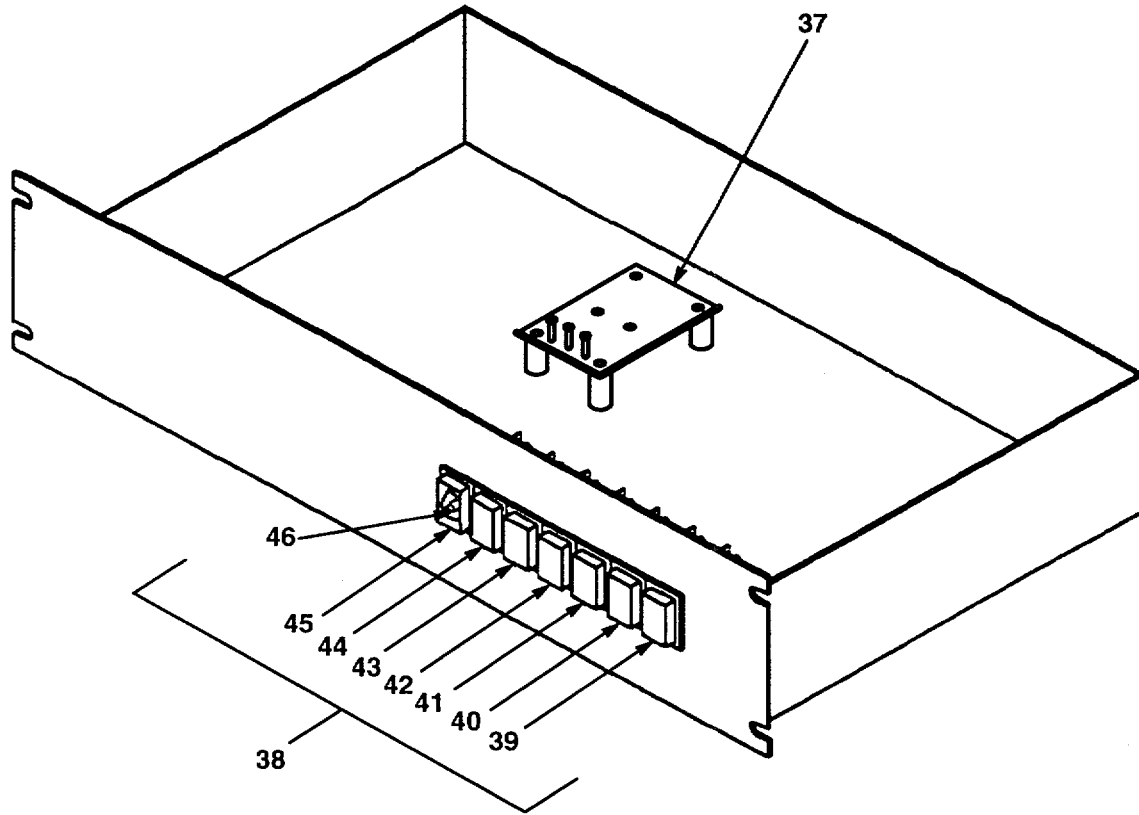
## SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					IF PATCH PANEL SHELF ASSEMBLY A7 (A3015312)	
					FIGURE 25.	
1	XBFZZ		80063	A3015576-22	CABLE ASSEMBLY, IF .....	1
2	PAFZZ	5975001563253	96906	MS3367-2-9	STRAP, TIEDOWN, ELECT .....	1
3	XBFZZ		80063	A3015576-21	CABLE ASSEMBLY, IF .....	1
4	XBFZZ		80063	A3015576-23	CABLE ASSEMBLY, IF .....	1
5	PAFZZ	6625010418034	12457	PD-20-50	DIVIDER, POWER, RADIO .....	1
6	XBFZZ		80063	A3015366	SHELF, IF PATCH PANE .....	1
7	XBFZZ		80063	A3015693-2	IDENTIFICATION STRI .....	1
8	PAFZZ	5305009576264	96906	MS35190-225	SCREW, MACHINE .....	4
9	XBFZZ		14949	J13-50	DUMMY LOAD, ELECTRIC .....	26
10	XBFZZ		80063	A3015693-3	IDENTIFICATION STRI .....	1
11	XBFZZ		14949	JS1-56	PANEL, PATCH IF .....	1
12	XBFZZ		82389	P-1801	BUTTON, CAP .....	30
13	XBFZZ		80063	A3015693-1	IDENTIFICATION STRI .....	1
14	XBFZZ		80063	A3015765-6	DESIGNATION STRIPS .....	1
15	XBFZZ		80063	A3015765-5	DESIGNATION STRIPS .....	1
16	PAFZZ	5305009577812	96906	M524693-5276	SCREW, MACHINE .....	3
17	XBFZZ		80063	A3015693-4	IDENTIFICATION STRI .....	1
18	PAFZZ	5310000145850	96906	M527183-42	WASHER, FLAT .....	3
19	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	3

END OF FIGURE





CE2D0509

Figure 26. Electronic Components Assembly, FCS Down Converter, A11 (A3015645) (Sheet 2 of 2)

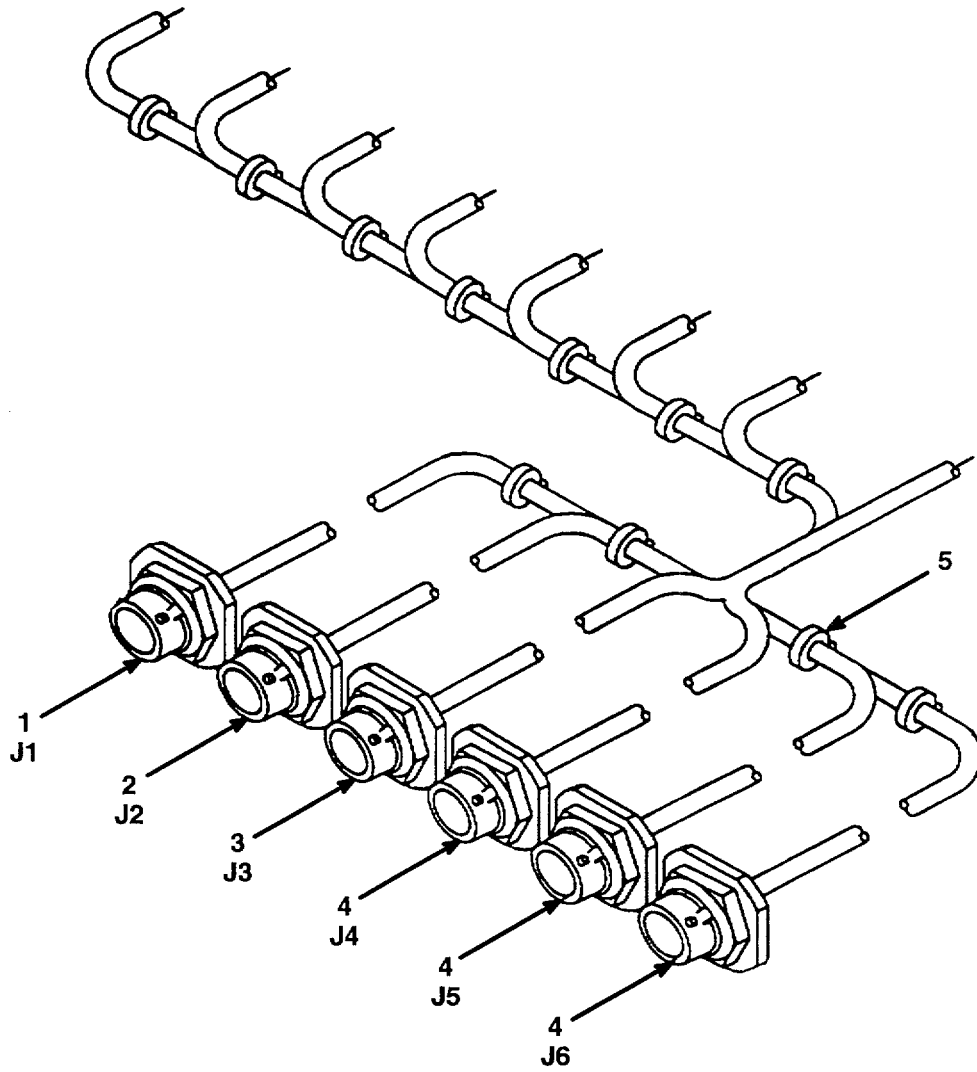
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
ELECTRONIC COMPONENTS ASSEMBLY, FCS DOWN CONVERTER AII(A3015645)						
FIGURE 26.						
1	PAFZZ	5310000880551	96906	MS21044-N04	NUT, SELF-LOCKING, HE .....	4
2	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	10
3	XBFZZ		80063	SM-C-982438	COVER, PROTECTIVE .....	1
4	PAFZZ		83330	9184	SPACER, NYLON .....	4
5	PAFZZ	5940001138184	96906	MSZ25036-150	TERMINAL, LUG .....	2
6	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
7	PAFZZ		18655	PN542	POWER SUPPLY .....	1
8	PAFZZ	5305008892997	96906	MS35206-215	SCREW, MACHINE .....	4
9	PAFZZ	5310005432410	96906	M535338-40	WASHER, LOCK .....	6
10	PAFZZ		83330	2373	SPACER, BRASS .....	4
11	PAFZZ	5905001069357	81349	RCR07G750JS	RESISTOR, FIXED, COMP .....	1
12	PAFZZ	5975002464906	28520	SR-6P-4	BUSHING, STRAIN RELI .....	1
13	PAFZZ		71482	SJ-O-OD330	POWER CORD SET .....	1
14	PAFZZ	5305008893116	96906	M535206-213	SCREW, MACHINE .....	2
15	PAFZZ	5305009576636	96906	MS35190-223	SCREW, MACHINE .....	4
16	XBFFF		80063	A3015661	HIRING HARNESS ASSE SEE FIGURE 27 .....	1
FOR PARTS BREAKDOWN .....						
17	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	4
18	XBFZZ		80063	A3015319	WRAPAROUND, CONTROL .....	1
19	PAFZZ		96906	MS25271-F13	CLAMP, LOOP, PLASTIC .....	1
20	XBFZZ		80063	A3015584	PANEL, FRONT CONTROL .....	1
21	PAFZZ	5310008094058	96906	MS27183-i0	WASHER, FLAT .....	4
22	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	6
23	PAFZZ	5305009897435	96906	MS535207-264	SCREW, MACHINE .....	4
24	PAFZZ	5340009436041	96906	MS25281-F4	CLAMP, LOOP .....	1
25	PAFZZ		96906	MS3367-1-9	STRAP TIEDOWN .....	1
26	PAFZZ	5930013728080	80063	A3015637	SWITCH, ROTARY .....	1
27	PAFZZ		56996	B4003506	KNOB .....	1
28	PAFZZ	5905001048330	81349	RCR2OG333JS	RESISTOR, FIXED, COMP .....	1
29	PAFZZ		87034	616-6-1-A1H	SWITCH, LATCHING-PRE .....	1
30	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR .....	1
31	PAFZZ	6240010325105	71744	CM44-11-031-1	LAMP, CARTRIDGE .....	1
32	PAOZZ	5920002960446	81349	F02A250V3/4A	FUSE, CARTRIDGE .....	1
33	PAFZZ		75915	344125	FUSE HOLDER, CLEAR .....	1
34	PAFZZ	5305009585456	96906	M535190-230	SCREW, MACHINE .....	4
35	PAFZZ	5940009836115	81349	38TB-2	TERMINAL BOARD .....	1
56	PAFZZ	5940005571629	96906	MS25036-149	TERMINAL, LUG .....	4
37	XBFZZ	6130010752159	80063	SM-C-860921	POWER SUPPLY SUBASS .....	1
38	PAFFF		80063	A3015559	SWITCH ASSEMBLY .....	1
39	PAFZZ		56996	B4038004-7	LENS, HOLDER .....	1
40	PAFZZ		56996	B4038004-6	LENS, HOLDER .....	1
41	PAFZZ		56996	B4038004-5	RETAINER, LENS .....	1
42	PAFZZ		56996	B4038004-4	RETAINER, LENS .....	1
43	PAFZZ		56996	B4038004-3	RETAINER, LENS .....	1
44	PAFZZ		56996	B4038004-2	RETAINER, LENS .....	1
45	XBFZZ		56996	A4038004-1	RETAINER, LENS .....	1



SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
46	PAOZZ		61706	31-963.0	LAMP, INCANDESCENT .....	1
					END OF FIGURE	



CE2DO511

Figure 27. Wiring Harness Assembly (A3015661)

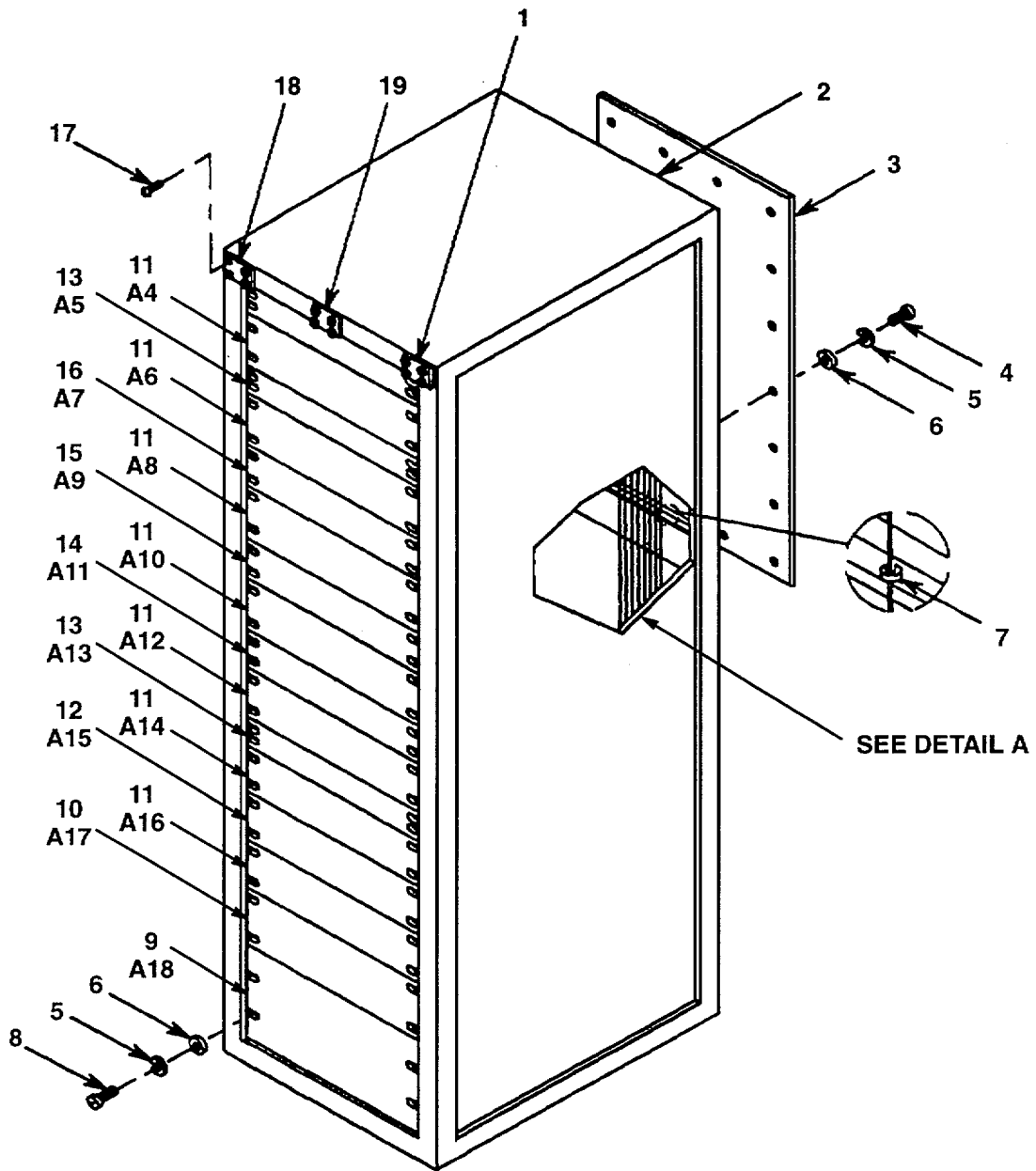
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
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WIRING HARNESS ASSEMBLY (A3015661)

FIGURE 27.

1	PAFZZ		96906	MS314E14-19PX	CONNECTOR, RECEPTACL .....	1
2	PAFZZ		96906	MS3114E14-19P	CONNECTOR, RECEPTACL .....	1
3	PAFZZ		96906	MS3114E14-19PW	CONNECTOR, RECEPTACL .....	1
4	XAFZZ		96906	MS3114F14-15S	CONNECTOR, RECEPTACL .....	3
5	PAFZZ		96906	MS3367-1-9	STRAP TIEDOWN .....	1

END OF FIGURE



CE2D0546

Figure 28. Converter Group, OU-707/FSQ-158(V) C119 Rack 4 (A3015102) (Sheet 1 of 2)

DETAIL A

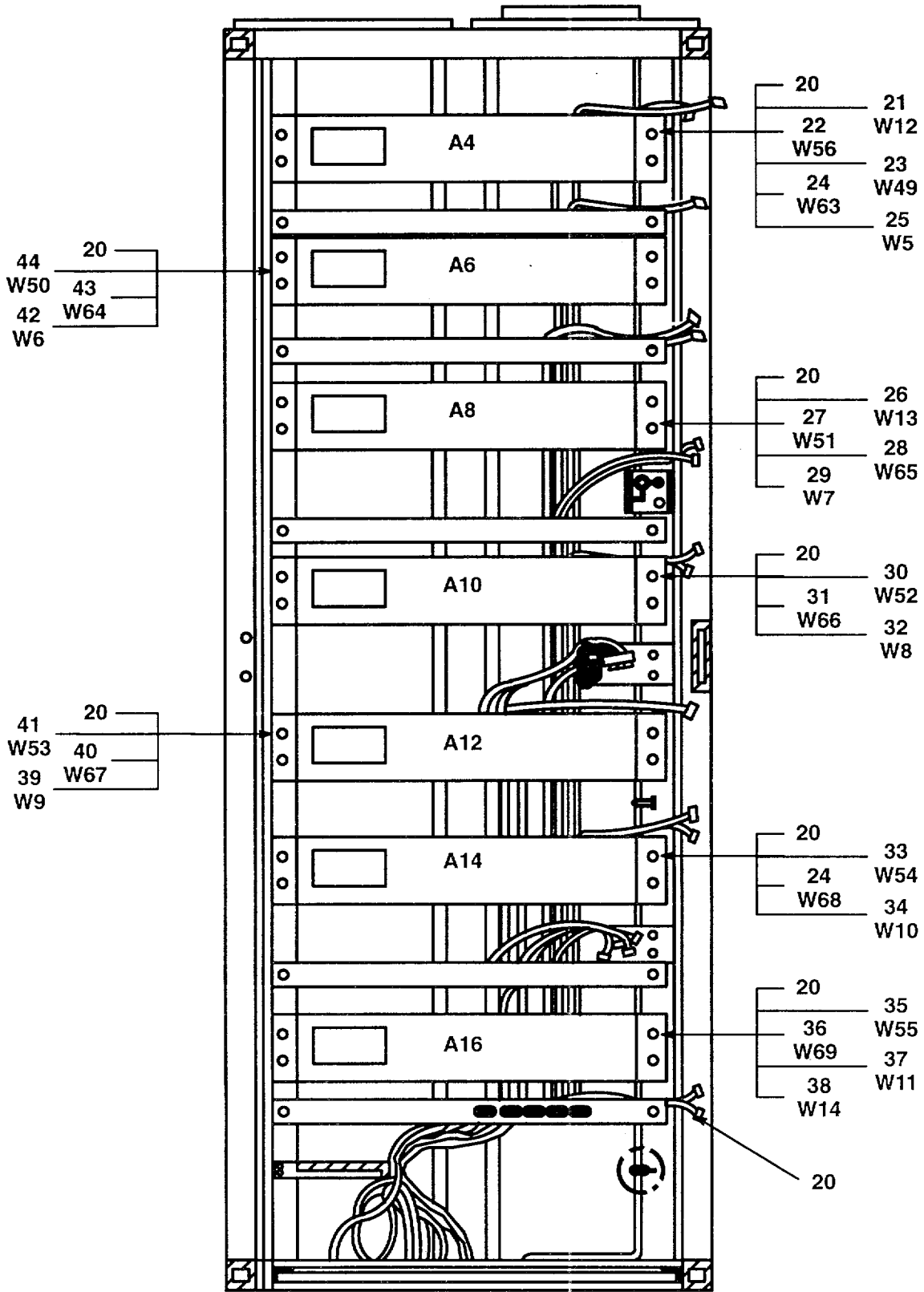


Figure 28. Converter Group, OU-170/FSQ-158(V) C119 Rack 4 (A3015102) (Sheet 2 of 2)

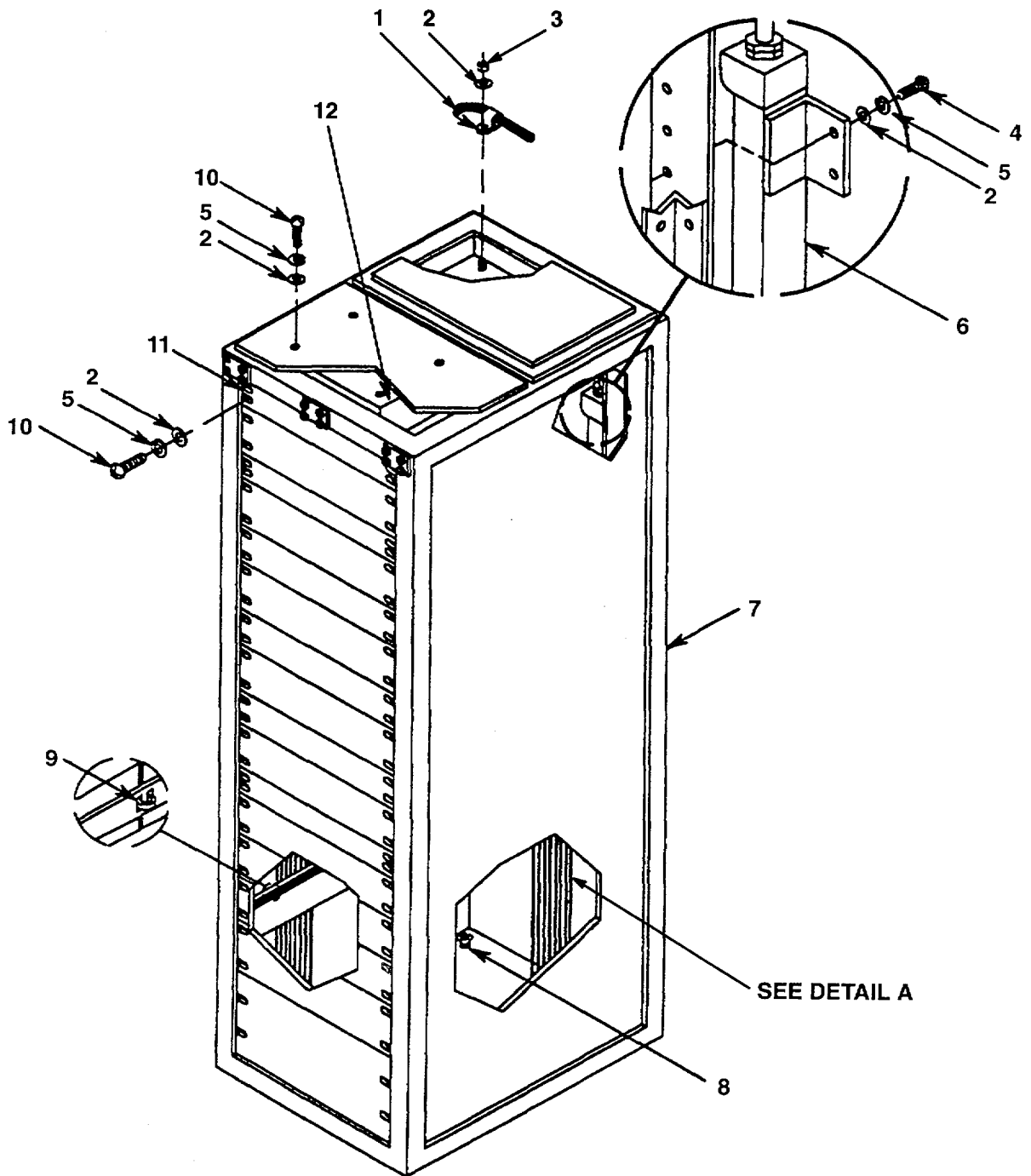
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
CONVERTER GROUP,OU-170/FSQ-158(V) C119 RACK 4(A3015102)						
FIGURE 28.						
1	XBFZZ		80063	A3015191-16	NAMEPLATE, RACK NOME.....	1
2	XBFFF		80063	A3015668	ELECTRICAL INSTALLA SEE FIGURE 29.....	1
3	XBFZZ		80063	A3015136	REAR ACCESS PANEL .....	2
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	76
5	PAFZZ	5310000153296	96906	MS35338-43	WASHER, LOCK .....	140
6	PAFZZ	5510000145850	96906	M527183-42	WASHER, FLAT .....	140
7	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN.....	1
8	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	64
9	XBFZZ		80063	SM-D-859872-4	PANEL, BLANK .....	2
10	PBODD		28480	HP5087/032/908/C 15	AMPLIFIER, DISTRIBUT .....	1
11	PBODD	5895010936967	80058	CV-3654/G	CONVERTER, FREQUENCY SEE TM11-5895..... 1124-24P .....	7
12	XBFZZ		80063	SM-D-859872-3	PANEL, BLANK .....	1
13	XBFZZ		80063	SM-D-859872-1	PANEL, BLANK .....	2
14	PBODD	5999012894693	80063	A3015646	ELECTRONIC COMPONEN SEE FIGURE 33..... FOR PARTS BREAKDOWN.....	1
15	XBFFF		80063	A3015308	RF PATCH PANEL SEE FIGURE 31 FOR .....	1
16	XBFFF		80063	A3015313	PARTS BREAKDOWN .....	1
17	PAFZZ	5305002535614	96906	MS21318-20	IF PATCH PANEL SHEL SEE FIGURE 32 .....	1
18	XBFZZ		80063	A3015192-16	FOR PARTS BREAKDOWN.....	12
19	XBFZZ		80063	SM-C-860838	SCREW, DRIVE .....	1
20	XBOZZ		80063	A3015417-1	NAMEPLATE, COMMON TI .....	1
21	XBOZZ		80063	A30155413	IDENTIFICATION PLAT .....	8
22	XBOZZ		80063	A3015408-52	POWER CABLE ASSEMBL.....	1
23	XBOZZ		80063	A3015408-25	CABLE ASSEMBLY, CONT .....	1
24	PBOZZ	5995013700149	80063	A3015361-9	CABLE ASSEMBLY, IF .....	1
25	XBOZZ		80063	A3015411-1	CABLE ASSEMBLY, POWE .....	1
26	XBOZZ		80063	A3015415	CABLE ASSEMBLY, 5 MH .....	1
27	XBOZZ		80063	A3015408-27	CABLE ASSEMBLY, CONT.....	1
28	PBOZZ	5995013700166	80063	A3015408-27	CABLE ASSEMBLY, IF .....	1
29	XBOZZ		80063	A3015361-6	CABLE ASSEMBLY, POWE .....	1
30	XBOZZ		80063	A3015411-3	CABLE ASSEMBLY, POWE .....	1
31	PBOZZ	5995013700165	80063	A3015411-3	CABLE ASSEMBLY, 5 MH .....	1
32	XBOZZ		80063	A3015408-28	CABLE ASSEMBLY, IF .....	1
33	XBOZZ		80063	A3015361-5	CABLE ASSEMBLY, POWE .....	1
34	XBOZZ		80063	A3015411-4	CABLE ASSEMBLY, POWE .....	1
35	XBOZZ		80063	A3015408-30	CABLE ASSEMBLY, 5 MH .....	1
36	PBOZZ	5995013700151	80063	A3015411-6	CABLE ASSEMBLY, IF .....	1
37	XBOZZ		80063	A3015408-31	CABLE ASSEMBLY, POWE .....	1
38	XBOZZ		80063	A3015361-11	CABLE ASSEMBLY, POWE .....	1
39	XBOZZ		80063	A3015411-7	CABLE ASSEMBLY, POWE .....	1
40	PBOZZ	5995013700167	80063	A3015411-7	CABLE ASSEMBLY, 5 MH .....	1
			80063	A3015937	CABLE ASSEMBLY, CONT.....	1
			80063	A3015411-5	CABLE ASSEMBLY, 5 MH .....	1
			80063	A3015361-7	CABLE ASSEMBLY, POWE .....	1

SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
41	XBOZZ		80063	A301540Q-29	CABLE ASSEMBLY, IF .....	1
42	XBOZZ		80063	A3015411-2	CABLE ASSEMBLY, 5 MH .....	1
43	PBOZZ	5995015700148	80063	A3015361-8	CABLE ASSEMBLY, POWE .....	1
44	XBOZZ		80065	A3015408-26	CABLE ASSEMBLY, IF .....	1

END OF FIGURE



CE2D0550

Figure 29. Electrical Installation, FCS Down Converter (A3015668) (Sheet 1 of 2)



DETAIL A

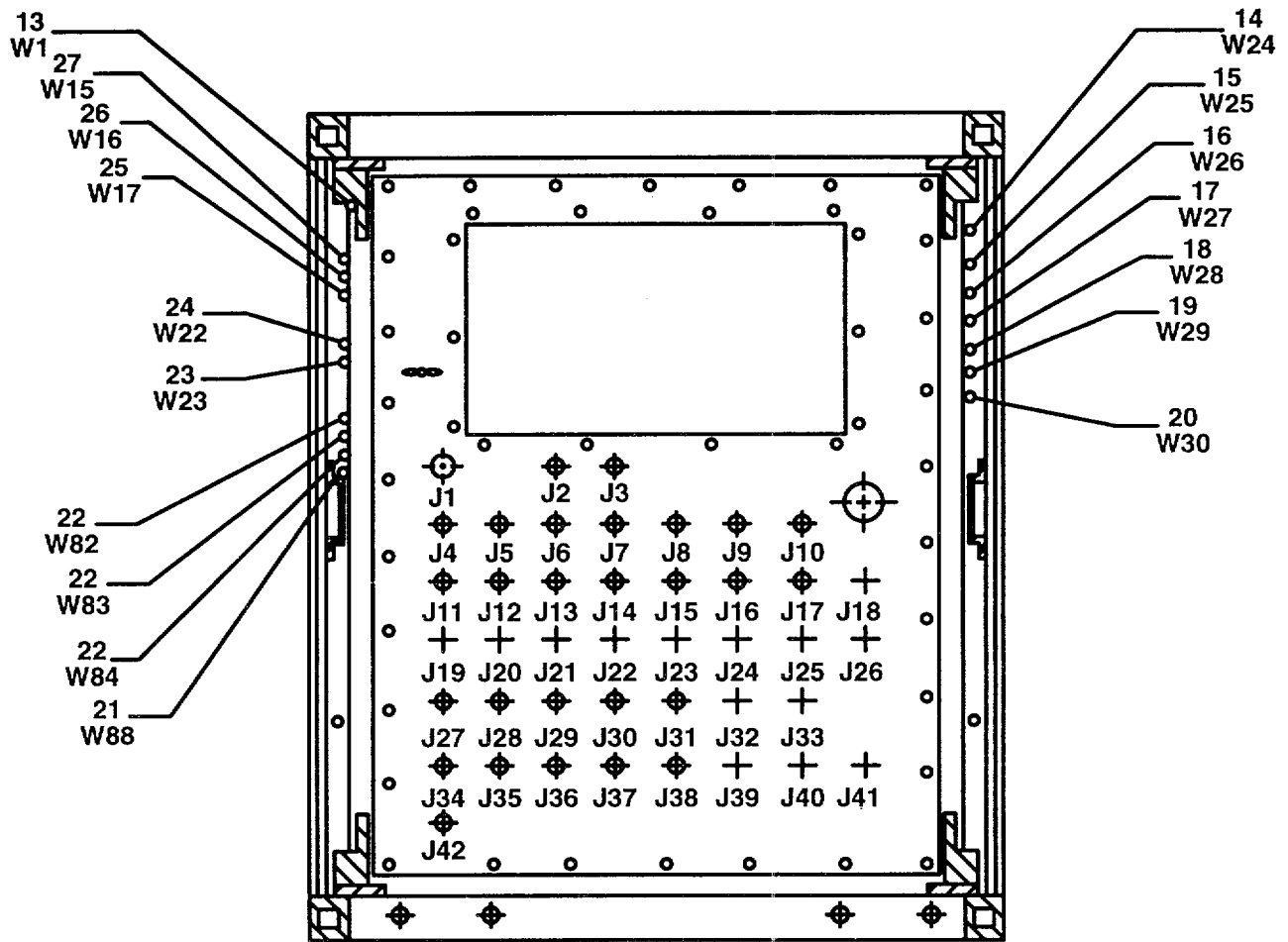


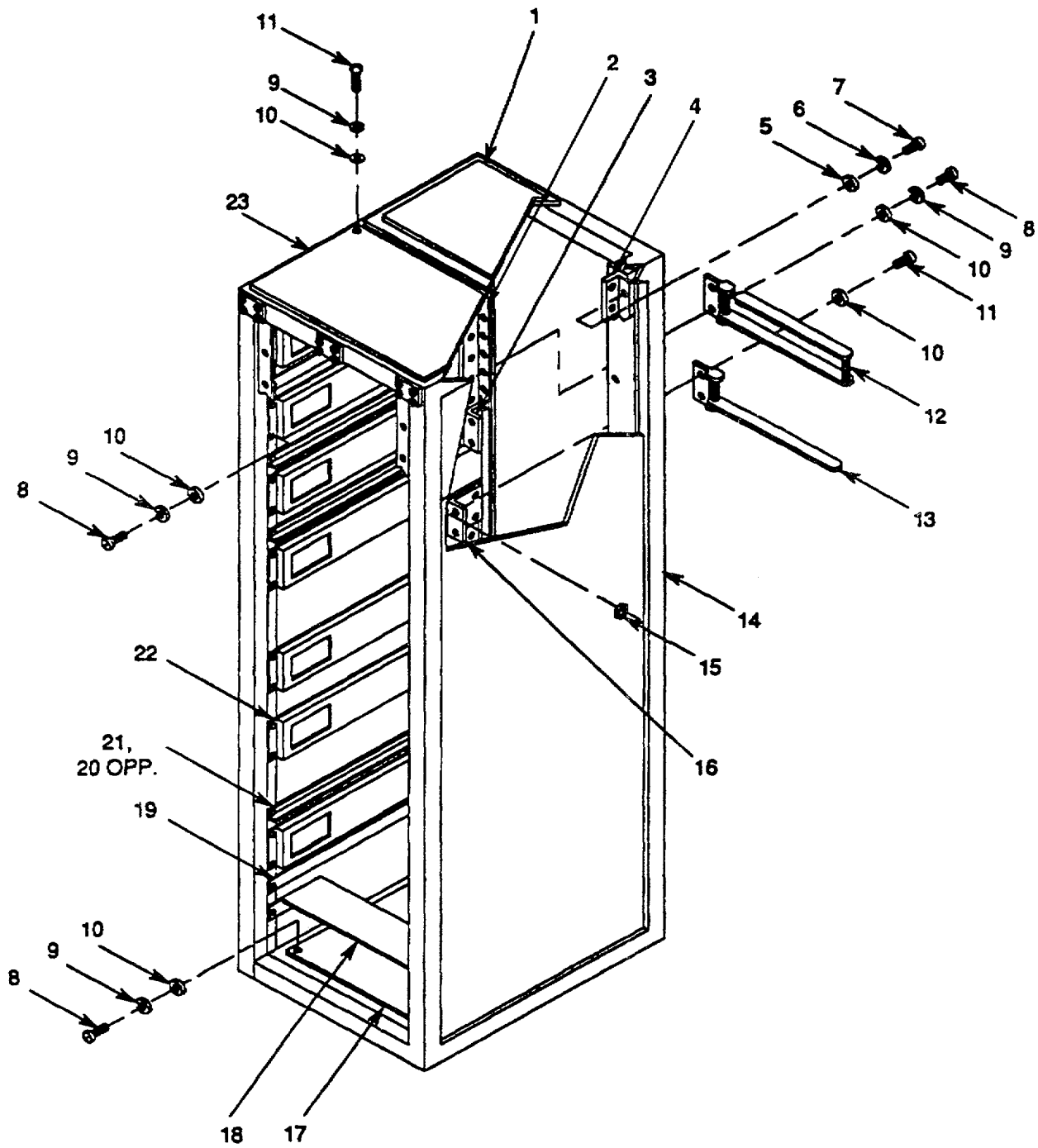
Figure 29. Electrical Installation, FSC Down Converter (A3015668) (Sheet 2 of 2)

## SECTION II

TM 11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					ELECTRICAL INSTALLATION,FCS DOWN CONVERTER (A3015668)	
					FIGURE 29.	
1	PAFZZ	5340008961082	96906	MS25281-F8	CLAMP, LOOP .....	1
2	PAFZZ	5310000145850	96906	MSZ27183-42	WASHER, FLAT .....	17
3	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	8
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	16
6	XBOZZ		80063	A3015119-19	CABLE ASSEMBLY-RACE .....	1
7	XBFFF		80063	A3015612	BRACKET INSTALLATIO SEE FIGURE 30.....	1
					FOR PARTS BREAKDOWN .....	
8	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
9	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN .....	1
10	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	8
11	PAOFF	6110012878199	80063	A3015406	PANEL, POWER BUS, CIR SEE FIGURE 6.....	1
					FOR PARTS BREAKDON .....	
12	XBOFF		80063	A3015249	FILTER BOX ASSEMBLY SEE FIGURE 7 .....	1
					FOR PARTS BREAKDOWN .....	
13	XBOZZ		80063	A3015230-2	CABLE ASSEMBLY-BREE .....	1
14	XBOZZ		80063	A3015409-40	CABLE ASSEMBLY, IF .....	1
15	XBOZZ		80063	A3015409-41	CABLE ASSEMBLY, IF .....	1
16	XBOZZ		80063	A3015409-42	CABLE ASSEMBLY, IF .....	1
17	XBOZZ		80063	A3015409-43	CABLE ASSEMBLY, IF .....	1
18	XBOZZ		80063	A3015409-44	CABLE ASSEMBLY, IF .....	1
19	XBOZZ		80063	A3015409-45	CABLE ASSEMBLY, IF .....	1
20	XBOZZ		80063	A3015409-46	CABLE ASSEMBLY, IF .....	1
21	XBOZZ		80063	A3015410	CABLE ASSEMBLY, 5MHZ .....	1
22	PBOZZ	5995013700154	80063	A3015362-10	CABLE ASSEMBLY, POWE .....	3
23	XBOZZ		80063	A3015485	MECH GROUND UP/DN .....	1
24	XBOZZ		80063	A3015412	CABLE ASSEMBLY, REMO .....	1
25	XBOZZ		80063	A3015416-3	CABLE ASSEMBLY, CONT .....	1
26	XBOZZ		80063	A3015416-2	CABLE ASSEMBLY, CONT .....	1
27	XBOFF		80063	A3015416-1	CABLE ASSEMBLY, CONT .....	1

END OF FIGURE



CE2D0528

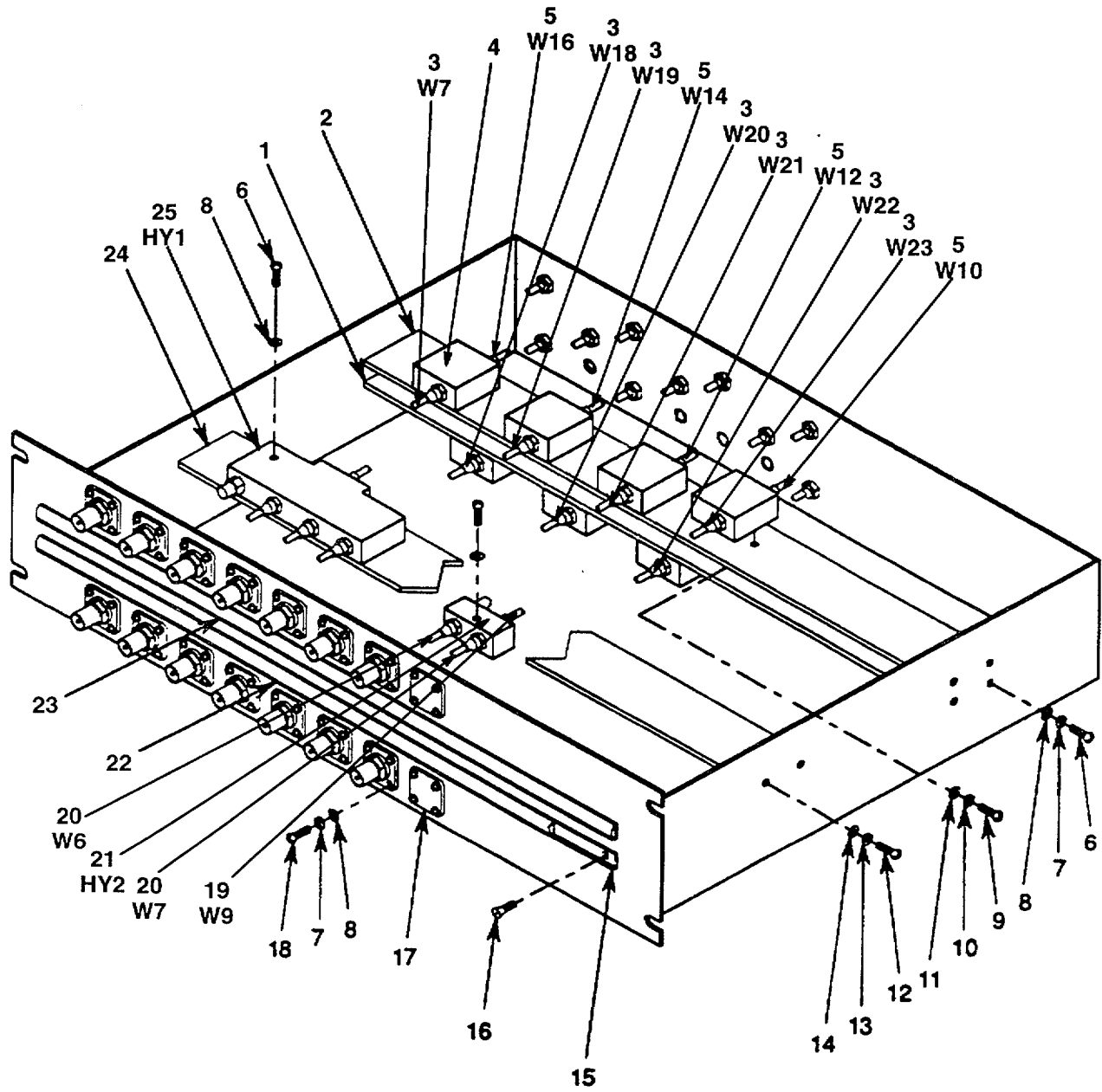
Figure 30. Bracket Installation, FCS Down Converter (A3015612)

SECTION II

TM11-5895-1328-23P

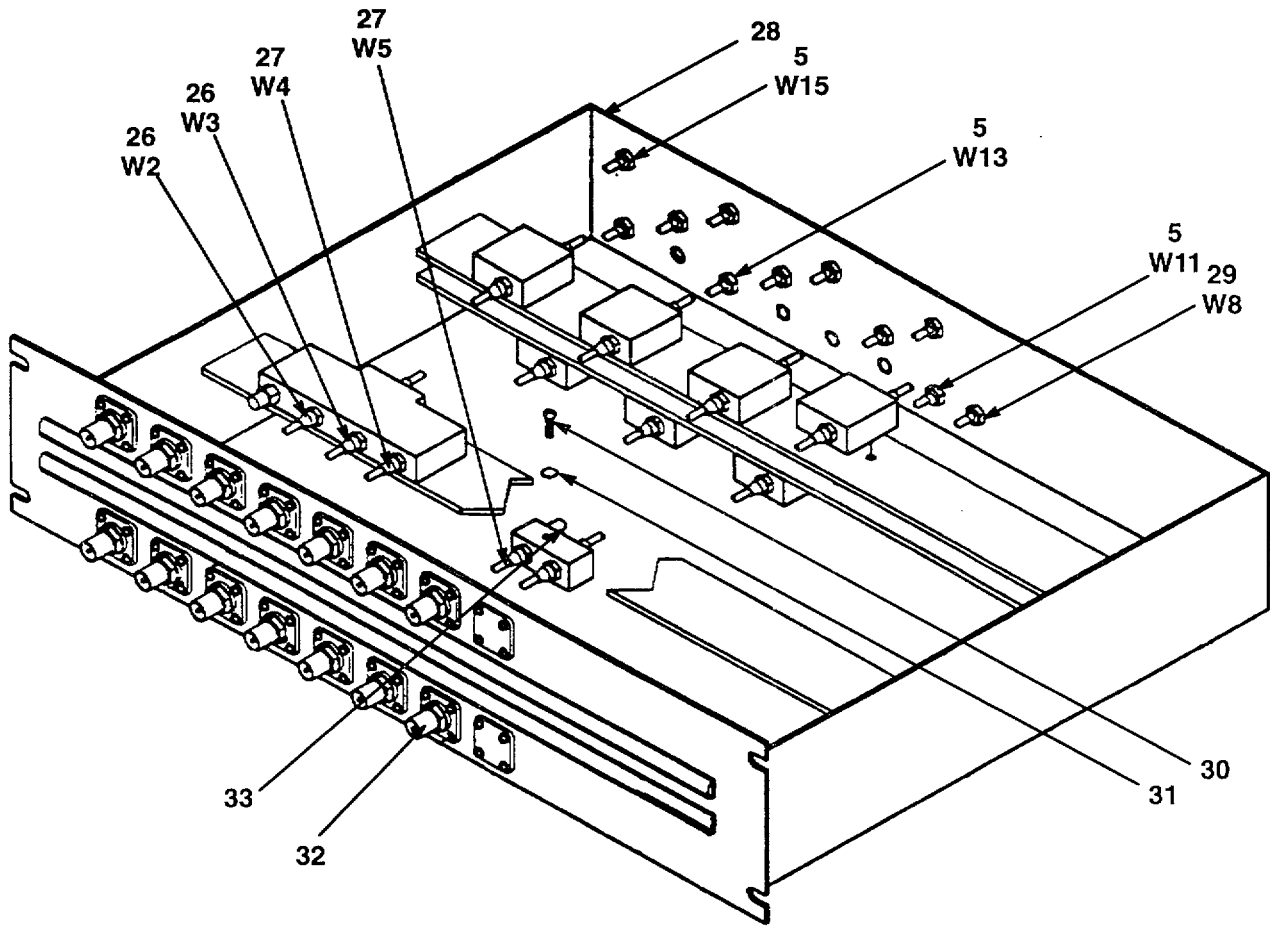
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
BRACKET INSTALLATION, FCS DOWN CONVERTER (A3015612)						
FIGURE 30.						
1	XBFFF		80063	A3015269-5	BLOWER ASSEMBLY SEE FIGURE 5 FOR .....	1
					PARTS BREAKDOWNNN.....	
2	XBFZZ		80063	A3015109-2	BRACKET ASSEMBLY, PI .....	2
4	XBFZZ		80063	A3015109-1	BRACKET ASSEMBLY PI .....	2
5	PAFZZ	5310008094058	96906	MS27183-10	WASHER, FLAT .....	1
6	PAFZZ	5310005825965	96906	MS35338-44	WASHER, LOCK .....	1
7	PAFZZ	5305002253843	80204	B1821BH025C100N	SCREW, CAP, HEXAGON H.....	1
8	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	1
9	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	1
10	PAFZZ	5310000145850	96906	M527183-42	WASHER, FLAT .....	1
11	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	1
12	XBFZZ	5340011211578	80063	SM-C-861006	RETRACTOR, CABLE .....	7
13	XBFZZ		80063	A3015735	CABLE RETRACTOR-MOD.....	1
14	XBFZZ		80063	A3015138	CABINET DRILLED .....	1
15	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
16	XBFZZ		80063	A3015733-2	ANGLE BRACKET .....	1
17	XBFZZ		80063	A3015401	INTERFACE PANEL SUB .....	1
18	XBFZZ		80063	SM-C-860570-1	BRACKET CABLE SUPPO.....	1
19	XBFZZ		80063	A3015201	BRACKET, CABLE SUPPO.....	1
20	XBFZZ		80063	A3015407-2	SUPPORT EQPT MOUNTI.....	1
21	XBFZZ		80063	A3015407-1	SUPPORT EQPT MOUNTI.....	1
22	XBFZZ		80063	A3015367	SLIDE SUPPORT BRACK.....	14
23	XBFZZ		80063	A3015257	FILTER ASSEMBLY, PAN.....	1

END OF FIGURE



CE2D0547

Figure 31. RF Patch Panel Assembly, A9 (A3015308) (Sheet 1 of 2)

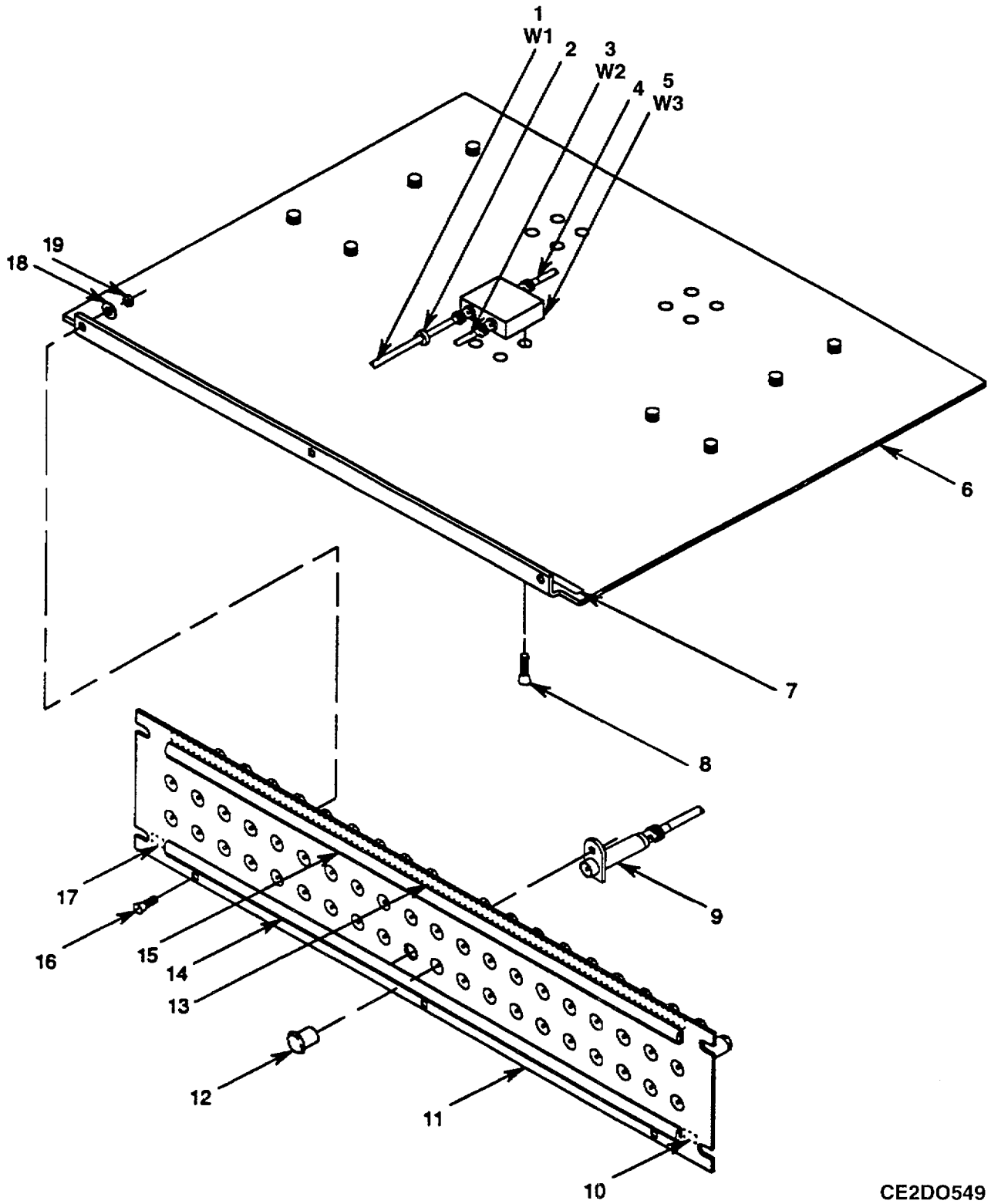


CE2D0548

Figure 31. RF Patch Panel Assembly, A9 (A3015308) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
RF PATCH PANEL ASSEMBLY, A9 (A3015308)						
FIGURE 31.						
1	XBFZZ		80063	A3015732-2	SUPPORT, RF ISOLATOR.....	1
2	XBFZZ		80063	A3015732-1	SUPPORT, RF ISOLATOR.....	1
3	PBOZZ	5995013700158	80063	A3015359-2	CABLE ASSEMBLY, PONE.....	7
4	PAFZZ		51510	101103740	ISOLATOR .....	7
5	PBOZZ	5995013696754	80063	A3015360-4	CABLE ASSEMBLY, POWE.....	7
6	PAFZZ	5305009836730	96906	MS35206-218	SCREW, MACHINE.....	11
7	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	128
8	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	131
9	PAFZZ	5305009543938	96906	MS55206-207	SCREW, MACHINE.....	14
10	PAFZZ	5310005435060	96906	MS35338-39	WASHER, LOCK .....	14
11	PAFZZ	5310000870057	96906	M527183-2	WASHER, FLAT .....	14
12	PAFZZ	5305009846193	96906	MS35206-245	SCREW, MACHINE.....	4
13	PAFZZ	5310000453299	96906	MS35338-42	WASHER, LOCK .....	4
14	PAFZZ	5310007653197	96906	MS27183-41	WASHER, FLAT .....	4
15	XBFZZ		56996	B4037502	DESIGNATION STRIP.....	2
16	PAFZZ		96906	MS34693-S2	SCREW, MACH, FLAT CSK.....	6
17	XBFZZ		80063	A3015764	PLATE, COVER.....	6
18	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE.....	120
19	PBOZZ	5995013700156	80063	A3015360-7	CABLE ASSEMBLY, POIE.....	1
20	PBOZZ	5995013700155	80063	A3015360-3	CABLE ASSEMBLY, POE.....	2
21	PAFZZ		12457	QHMT-2-10G	STRIPLINE COUPLER.....	1
22	XBFZZ		80063	A3015766-8	DESIGNATION STRIPS.....	1
23	XBFZZ		80063	A3015766-7	DESIGNATION STRIPS.....	1
24	XBFZZ		80063	A3015731-2	INNER SHELF, RF PATC.....	1
25	PAFZZ	6625013735859	12457	PDM-42-10OGA	DIVIDER, POIER, RADIO.....	1
26	PBOZZ	5995013700164	80063	A3015360-1	CABLE ASSEMBLY, PONE.....	3
27	PBOZZ		80063	A3015359-4	CABLE ASSEMBLY, PONE.....	1
28	XBFZZ		80063	A3015744	RF PATCH PANEL-HELD.....	1
29	PBOZZ	5995013700159	80063	A3015359-7	CABLE ASSEMBLY, POWE.....	2
31	PAFZZ	5310009514679	96906	MS27183-3	WASHER, FLAT .....	2
32	PAFZZ		03554	901-9011	ADAPTER RF CONNECTO.....	24
33	PAFZZ		91836	1335-2-MA9	CONNECTOR TERMINAT.....	1

END OF FIGURE



CE2DO549

Figure 32. IF Patch Panel Shelf Assembly, A7 (A3015313)

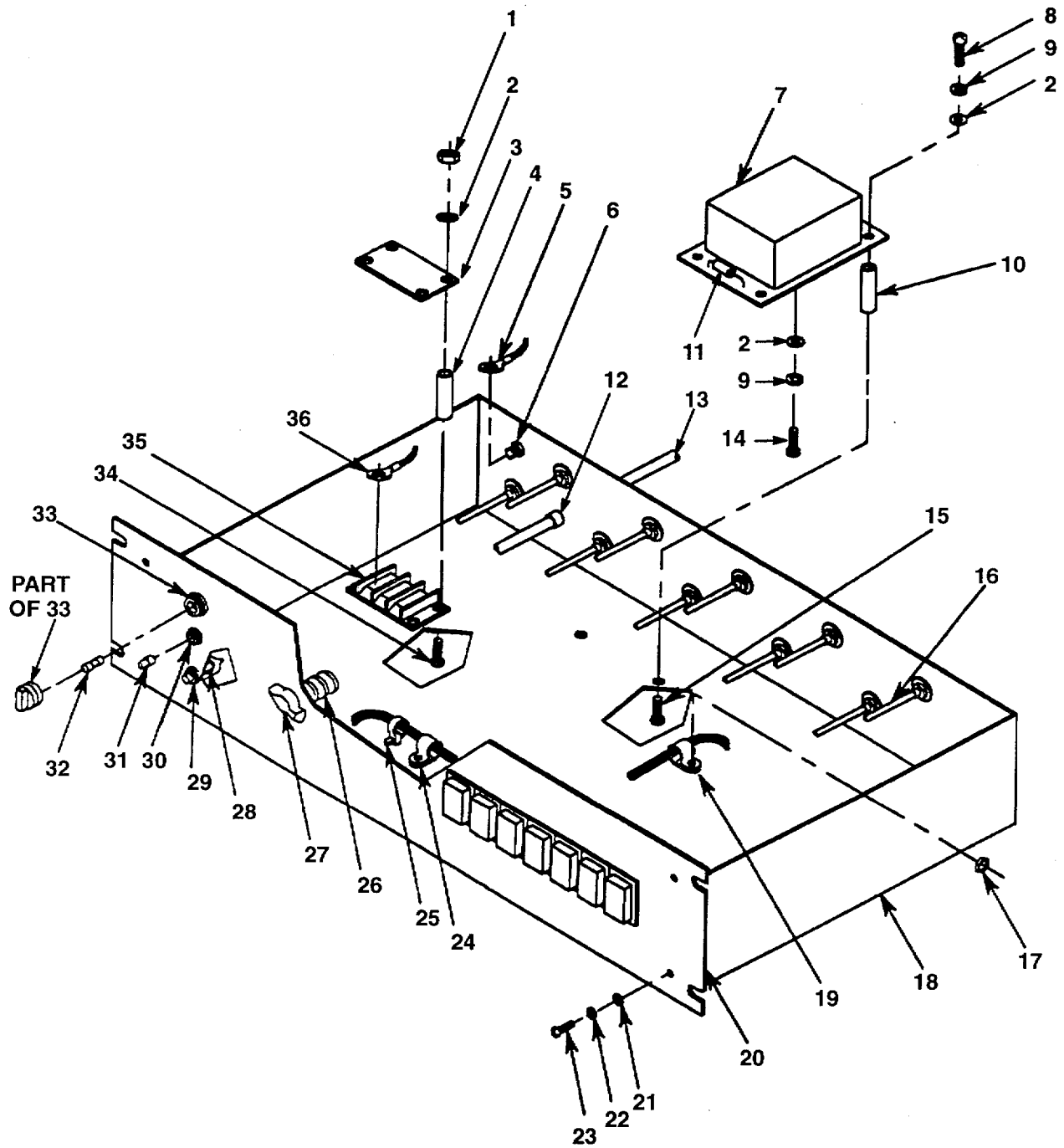


SECTION II

TM11-5895-1328-23P

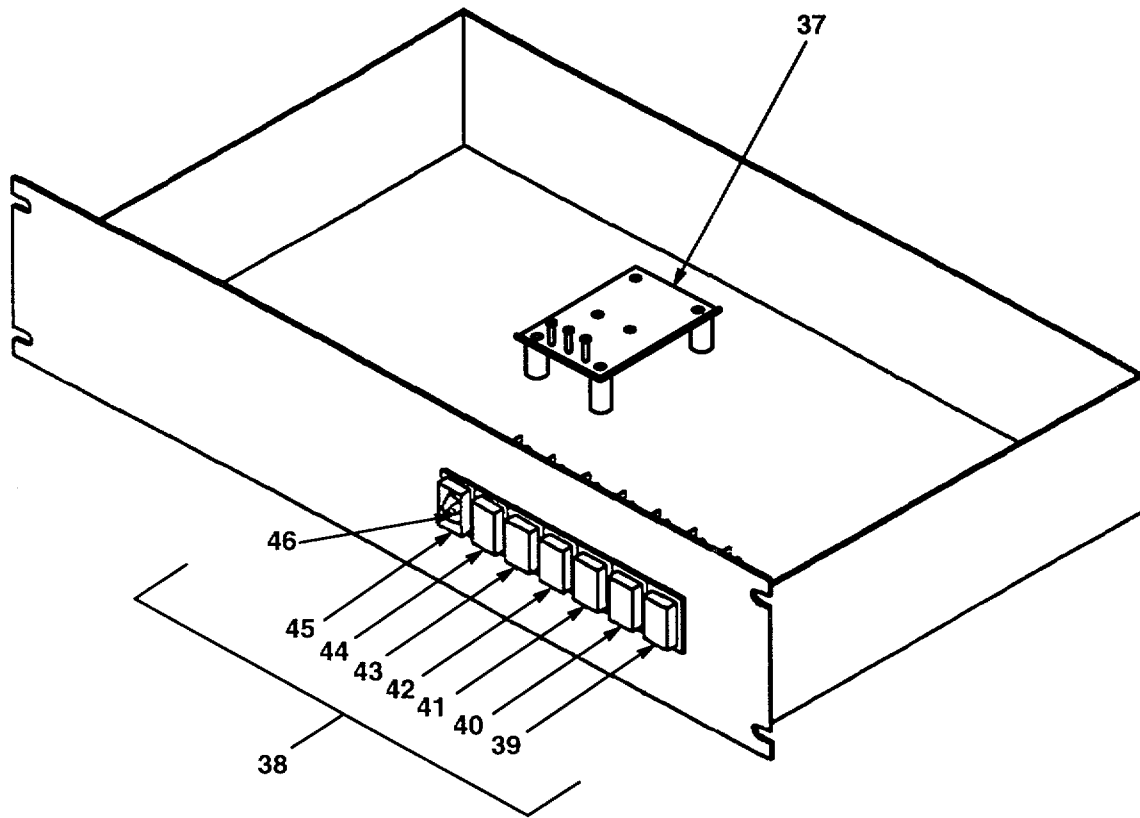
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
IF PATCH PANEL SHELF ASSEMBLY, A7 (A3015313)						
FIGURE 32.						
1	XBFZZ		80063	A3015576-24	CABLE ASSEMBLY, IF .....	1
2	PAFZZ	5975001563253	96906	MS3367-2-9	STRAP, TIEDOWN, ELECT .....	1
3	XBFZZ		80063	A3015576-25	CABLE ASSEMBLY, IF .....	1
4	XBFZZ		80063	A3015576-26	CABLE ASSEMBLY, IF .....	1
5	PAFZZ	6625010172372	12457	PD-20-500	DIVIDER, POWER, RADIO .....	1
6	XBFZZ		80063	A3015366	SHELF, IF PATCH PANE .....	1
7	XBFZZ		80063	A3015693-2	IDENTIFICATION STRI .....	1
8	PAFZZ	5305009576264	96906	MS35190-225	SCREW, MACHINE .....	4
9	XBFZZ		14949	J13-50	DUMMY LOAD, ELECTRIC .....	18
10	XBFZZ		80063	A3015693-3	IDENTIFICATION STRI .....	1
11	XBFZZ		14949	JSI-56	PANEL, PATCH IF .....	1
12	XDFZZ		82389	P-1801	BUTTON, CAP .....	38
13	XBFZZ		80063	A3015693-1	IDENTIFICATION STRI .....	1
14	XBFZZ		80063	A3015765-8	DESIGNATION STRIPS .....	1
15	XBFZZ		80063	A3015765-7	DESIGNATION STRIPS .....	1
16	PAFZZ	5305009577812	96906	M524693-S276	SCREW, MACHINE .....	3
17	XDFZZ		80063	A3015693-4	IDENTIFICATION STRI .....	1
18	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	3
19	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	3

END OF FIGURE



CE2D0508

Figure 33. Electronic Components Assembly, FCS Down Converter All (A3015646) (Sheet 1 of 2)



CE2D0509

Figure 33. Electronic Components Assembly, FCS Down Converter All (A3015646) (Sheet 2 of 2)

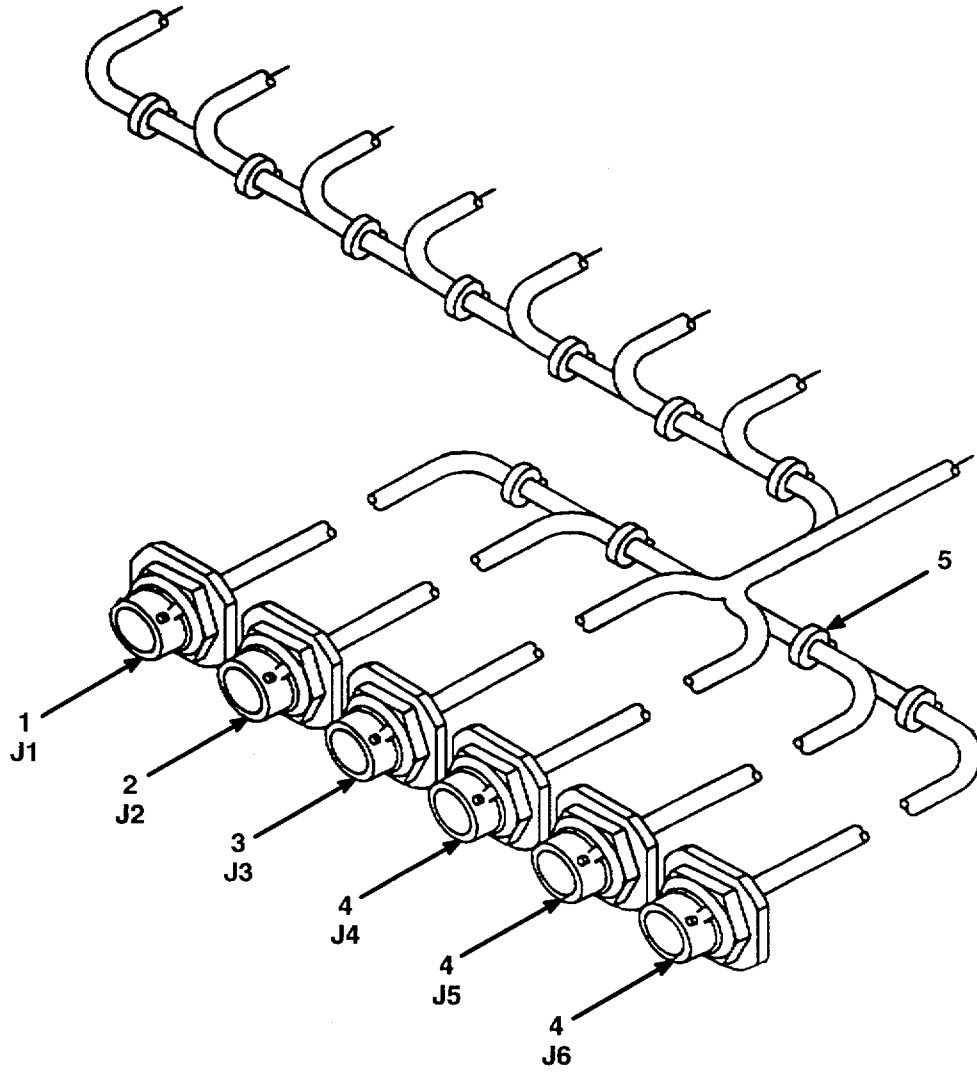
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
ELECTRONIC COMPONENTS ASSEMBLY, FCS DOWN CONVERTER A11(A3015646)						
FIGURE 33.						
1	PAFZZ	5310000880551	96906	MS21044-N04	NUT, SELF-LOCKING, HE .....	1
2	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	1
3	XBFZZ		80063	SM-C-982438	COVER, PROTECTIVE .....	1
4	PAFZZ		83330	9184	SPACER, NYLON .....	1
5	PAFZZ	5940001138184	96906	MS25036-150	TERMINAL, LUG .....	2
6	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
7	PAFZZ		18655	PM542	POWER SUPPLY .....	1
8	PAFZZ	5305008892997	96906	MS35206-215	SCREW, MACHINE .....	4
9	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	6
10	PAFZZ		83330	2373	SPACER, BRASS .....	1
11	PAFZZ	5905001069357	81349	RCR07G750JS	RESISTOR, FIXED, COMP .....	1
12	PAFZZ	5975002464906	28520	SR-6P-4	BUSHING, STRAIN RELI .....	1
13	PAFZZ		71482	SJ-0-0D330	POWER CORD SET .....	1
14	PAFZZ	5305008893116	96906	MS35206-213	SCREW, MACHINE .....	2
15	PAFZZ	5305009576636	96906	MS35190-223	SCREW, MACHINE .....	4
6	XBFFF		80063	A3015662	HIRING HARNESS ASSE SEE FIGURE 34 .....	1
FOR PARTS BREAKDOWN .....						
17	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	4
18	XBFZZ		80063	A3015319	WRAPAROUND, CONTROL .....	1
19	PAFZZ	5340000612381	96906	MS25281-F13	CLAMP, LOOP .....	1
20	XBFZZ		80063	A3015584	PANEL, FRONT CONTROL .....	1
21	PAFZZ	5310008094058	96906	MS27183-10	WASHER, FLAT .....	1
22	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	4
23	PAFZZ	5305009897435	96906	M535207-264	SCREN, MACHINE .....	4
24	PAFZZ	5340009436041	96906	MS25281-F4	CLAMP, LOOP .....	1
25	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN .....	1
26	PAFZZ	5930013728080	80063	A3015637	SWITCH, ROTARY .....	1
27	PAFZZ	5355003412477	80063	SMB552258	KNOB .....	1
28	PAFZZ	5905001048330	81349	RCR20G333JS	RESISTOR, FIXED, COMP .....	1
29	PAFZZ		87034	616-6-I-AIH	SWITCH, LATCHING PRE .....	1
30	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR .....	1
31	PAFZZ	6240010325105	71744	CM44-11-031-	LAMP, CARTRIDGE .....	1
32	PAOZZ	5920002960446	81349	F02A250V3/4A	FUSE, CARTRIDGE .....	1
33	PAFZZ		75915	344 125	FUSE HOLDER, CLEAR .....	1
34	PAFZZ	5305009585456	96906	MS35190-230	SCREW, MACHINE .....	4
35	PAFZZ	5940009836115	81349	38TB-2	TERMINAL BOARD .....	1
36	PAFZZ	5940005571629	96906	MS25036-149	TERMINAL, LUG .....	4
37	XBFZZ	6130010752159	80063	SM-C-860921	POWER SUPPLY SUBASS .....	1
38	PAFFZ		80063	A3015559	SWITCH ASSEMBLY .....	1
39	PAFZZ		56996	B4038004-7	LENS, HOLDER .....	1
40	PAFZZ		56996	B4038004-6	LENS, HOLDER .....	1
41	PAFZZ		56996	B4038004-5	RETAINER, LENS .....	1
42	PAFZZ		56996	B4038004-4	RETAINER, LENS .....	1
43	XBFZZ		56996	B4038004-3	RETAINER, LENS .....	1
44	PAFZZ		56996	B4038004-2	RETAINER, LENS .....	1
45	XBFZZ		56996	B4038004-1	RETAINER, LENS .....	1

SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
46	PAOZZ	61706	31-963.0		LAMP, INCANDESCENT ..... END OF FIGURE	1

33-2



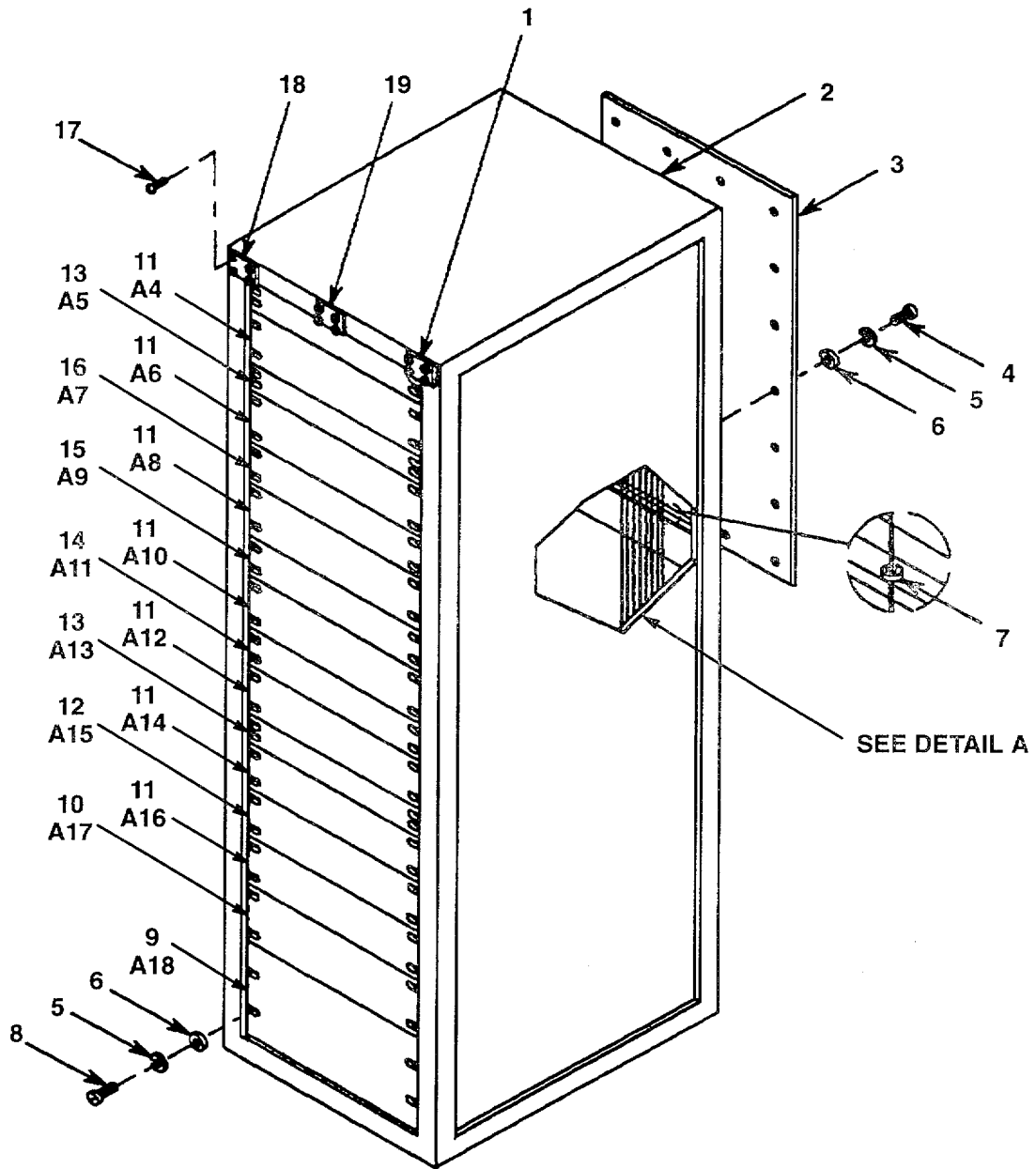
CE2D0511

Figure 34. Wiring Harness Assembly (A3015662)

SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
WIRING HARNESS ASSEMBLY (A3015662)						
FIGURE 34.						
1	PAFZZ	96906		MS3114E14-19PX	CONNECTOR, RECEPTACL .....	1
2	PAFZZ	96906		M53114E14-19P	CONNECTOR, RECEPTACL .....	1
3	PAFZZ	96906		MS3114E14-19PW	CONNECTOR, RECEPTACL .....	1
4	PAFZZ	96906		M53114F14-15S	CONNECTOR, RECEPTACL .....	3
5	PAFZZ	96906		MS3367-1-9	STRAP TIEDOWN .....	1
END OF FIGURE						



CE2D0502

Figure 35. Converter Group, OU-171/FSQ-158(V) C120 Rack 5 (A3015103) (Sheet 1 of 2)



DETAIL A

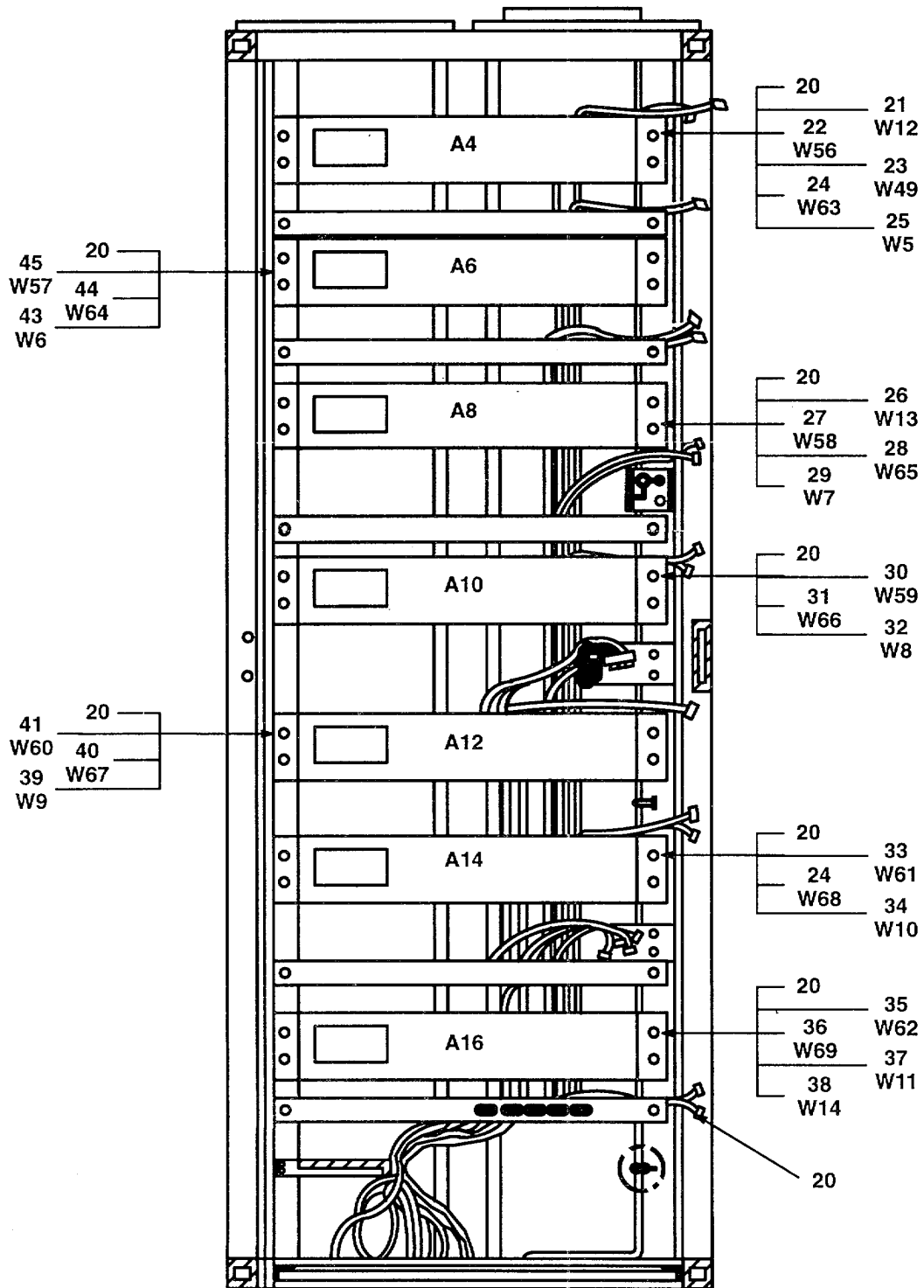


Figure 35. Converter Group, OU-171/FSQ-158(V) C120 Rack 5 (A3015103) (Sheet 2 of 2)

## SECTION II

TM11-5895-1328-23P

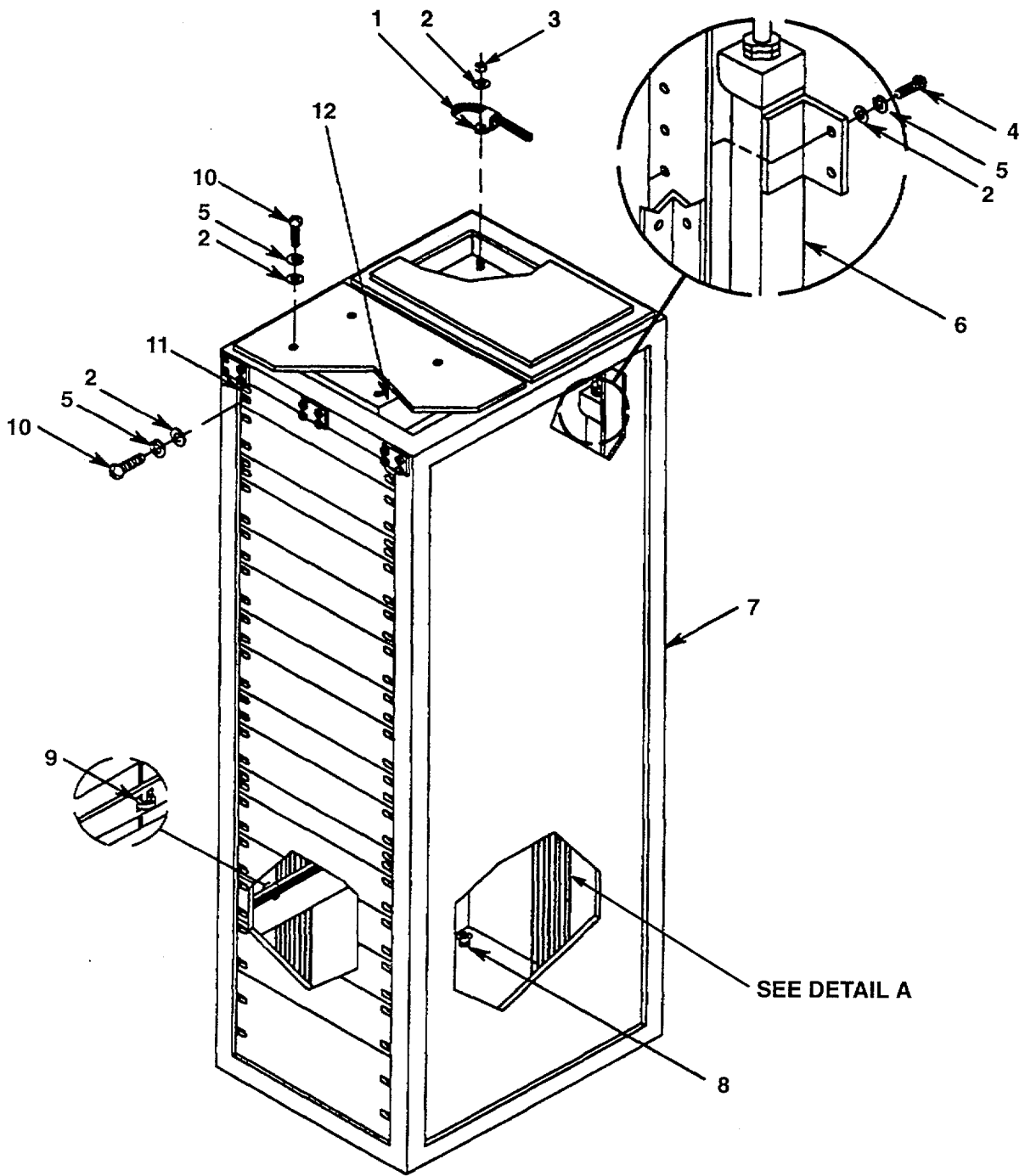
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					CONVERTER GROUP, OU-171/FSQ-158(V) C120 RACK 5(A3015103)	
					FIGURE 35.	
1	XBFZZ		80063	A3015191-17	NAMEPLATE, RACK NOME.....	1
2	XBFFF		80063	A3015669	ELECTRICAL INSTALLA SEE FIGURE 36.....	1
					FOR PARTS BREAKDOWN.....	
3	XBFZZ		80063	A3015136	REAR ACCESS PANEL.....	2
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE.....	76
5	PAFZZ	5310000453296	96906	M5353538-43	WASHER, LOCK.....	140
6	PAFZZ	5310000145850	96906	M527183-42	WASHER, FLAT.....	140
7	PAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN.....	1
8	FAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE.....	64
9	XBFZZ		80063	SM-D-859872-4	PANEL, BLANK.....	2
10	PDODD	5895011020048	28480	HP5087A/032/908/ C15	DISTRIBUTION, AMPLIF.....	1
11	FPBODD	5895010936967	80058	CV-3654/G	CONVERTER, FREQUENCY SEE TM11-5895-..... 1124-24P.....	7
12	XBFZZ		80063	SM1-D-859872-3	PANEL, BLANK.....	1
13	XBFZZ		80063	SM-D-859872-1	PANEL, BLANK.....	2
14	PBOFD	5999012894694	80063	A3015647	ELECTRONIC COMPONEN SEE FIGURE 40..... FOR PARTS BREAKDOWN.....	1
15	XBFFF		80063	A3015309	RF PATCH PANEL ASSE SEE FIGURE 38..... FOR PARTS BREAKDOWN.....	1
16	XBFFF		80063	A3015314	IF PATCH PANEL SHEL.....	1
17	PAFZZ	5305002535614	96906	11S21318-20	SCREW DRIVE.....	12
18	XBFZZ		80063	A3015192-17	NAMEPLATE, COMMON TI.....	1
19	XBFZZ		80063	SM-C-860838	IDENTIFICATION PFLAT.....	1
20	XBOZZ		80063	A3015417-1	POWER CABLE ASSEMBL.....	8
21	XBOZZ		80063	A3015413	CABLE ASSEMBLY, CONT.....	1
22	XBOZZ		80063	A3015408-33	CABLE ASSEMBLY, IF.....	1
23	XBOZZ		80063	A3015408-40	CABLE ASSEMBLY, IF.....	1
24	PBOZZ	5995013700149	80063	A3015361-9	CABLE ASSEMBLY, POWE.....	2
25	XBOZZ		80063	A5015411-1	CABLE ASSEMBLY, 5MHZ.....	1
26	XBOZZ		80063	A3015415	CABLE ASSEMBLY, CONT.....	1
27	XBOEZ		80063	A3015408-35	CABLE ASSEMBLY, IF.....	1
28	PBOZZ	5995013700166	80063	A30153561-6	CABLE ASSEMBLY, POWE.....	1
29	XBOZZ		80063	A5015411-3	CABLE ASSEMBLY, 5MHZ.....	1
30	XBOZZ		80063	A3015408-36	CABLE ASSEMBLY, IF.....	1
31	PBOZZ	5995013700165	80063	A3015361-5	CABLE ASSEMBLY, POWE.....	1
32	XBOZZ		80063	A5015411-4	CABLE ASSEMBLY, 5MHZ.....	1
33	XBOZZ		80063	A3015408-38	CABLE ASSEMBLY, IF.....	1
34	XBOZZ		80063	A3015411-6	CABLE ASSEMBLY, 5MHZ.....	1
35	XBOZZ		80063	A3015408-39	CABLE ASSEMBLY, IF.....	1
36	PBOZZ	5995013700151	80063	A3015561-11	CABLE ASSEMBLY, POWE.....	1
37	XBOZZ		80063	A3015411-7	CABLE ASSEMBLY, 5MHZ.....	1
58	XBOZZ		80063	A3015414	CABLE ASSEMBLY, CONT.....	1
39	XBOZZ		80063	A3015411-5	CABLE ASSEMBLY, 5MHZ.....	1
40	PBOZZ	5995013700167	80063	A3015361-7	CABLE ASSEMBLY, POWE.....	1
41	XBOZZ		80063	A3015408-37	CABLE ASSEMBLY, IF.....	1

SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
43	XBOZZ		80063	A3015411-2	CABLE ASSEMBLY, 5MHZ.....	1
44	PBOZZ	5995013700148	80063	A3015361-8	CABLE ASSEMBLY, POWE.....	1
45	XBOZZ		80063	A3015408-34	CABLE ASSEMBLY, IF .....	1

END OF FIGURE



CE2DO515

Figure 36. Electrical Installation, FCS Down Converter (A3015669) (Sheet 1 of 2)

DETAIL A

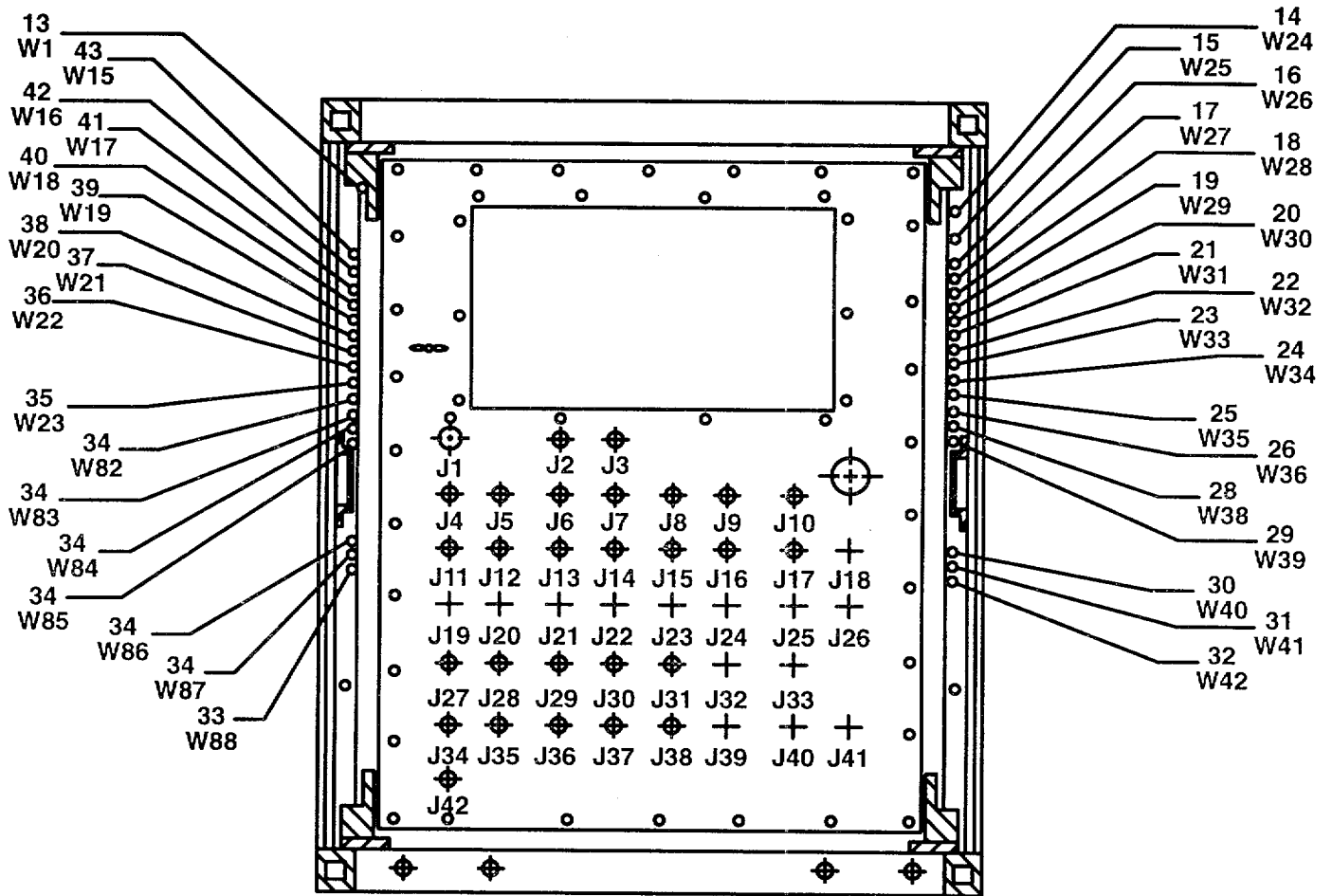


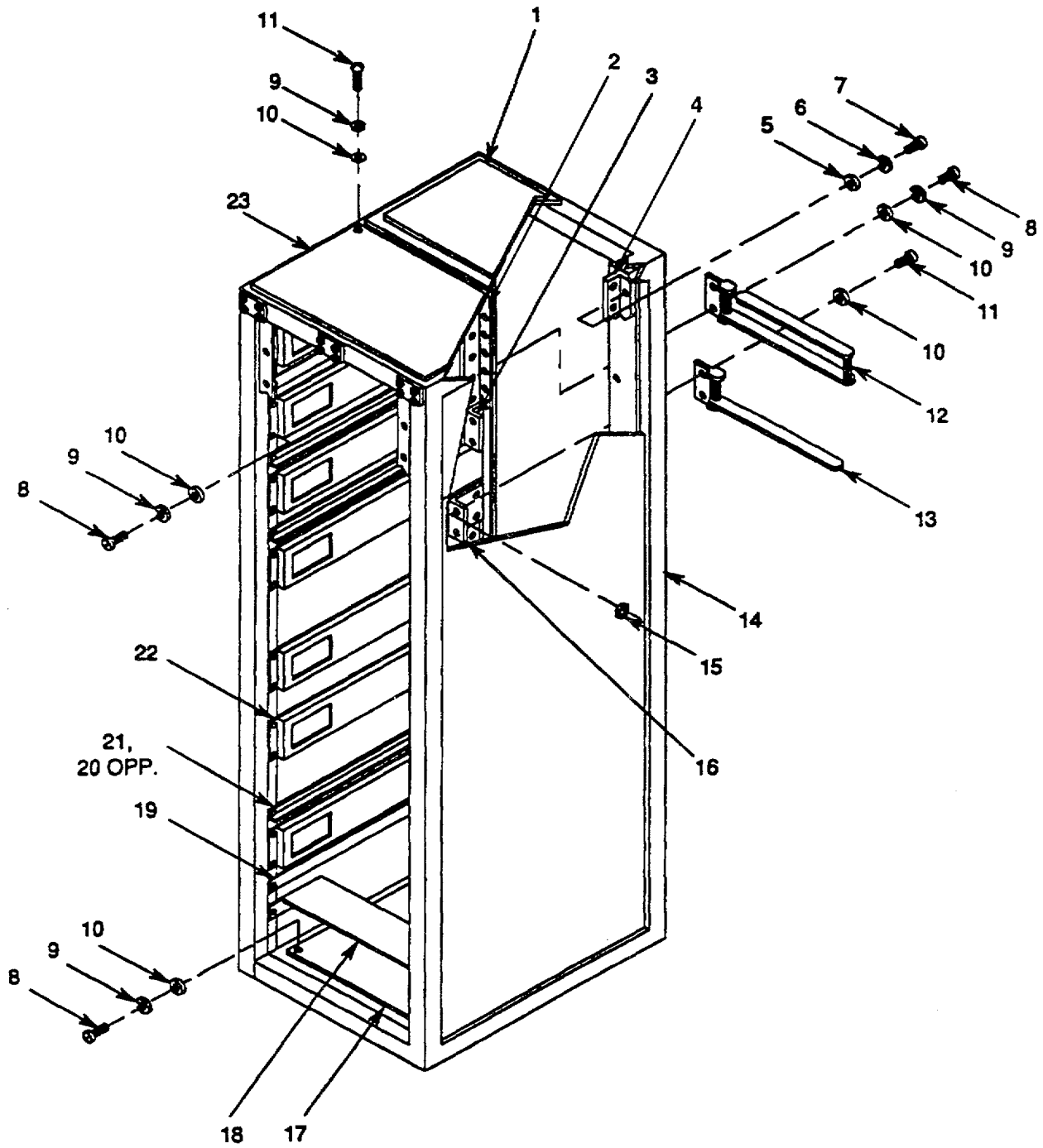
Figure 36. Electrical Installation, FCS Down Converter (A3015669) (Sheet 2 of 2)

## SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
ELECTRICAL INSTALLATION, FCS DOWN CONVERTER (A3015669)						
FIGURE 36.						
1	PAFZZ	5340008961082	96906	MS25281-F8	CLAMP, LOOP .....	1
2	PAFZZ	5310000145850	96906	MS27183-42	WASHER, FLAT .....	17
3	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
4	PAFZZ	5305009931848	96906	MS35207-265	SCREW, 7MACHINE .....	8
5	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	16
6	XBFZZ		80063	A3015119-20	CABLE ASSEMBLY-RACE .....	1
7	ADFFF		80063	A3015613	BRACKET INSTALLATIO SEE FIGURE 37 .....	1
FOR PARTS BREAKDOWN .....						
8	PAFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
9	FAFZZ		96906	MS3367-1-9	STRAP, TIEDOWN .....	1
10	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	8
11	PAOFF	6110012878199	80063	A3015406	PANIEL, POWER BUS, CIR .....	1
12	XBOFF		80063	A3015249	FILTER BOX ASSEMBLY SEE FIGURE 7 .....	1
FOR FARTS BREAKDOWN .....						
13	XBOZZ		80063	A3015230-2	CABLE ASSEMBLY-BREE .....	1
14	XBOZZ		80063	A3015409-47	CABLE ASSEMBLY .....	1
15	XBOZZ		80063	A3015409-48	CABLE ASSEMBLY, IF .....	1
16	XBOZZ		80063	A3015409-49	CABLE ASSEMBLY, IF .....	1
17	XBOZZ		80063	A3015409-50	CABLE ASSEMBLY, IF .....	1
18	XBOZZ		80063	A3015409-51	CABLE ASSEMBLY, IF .....	1
19	XBOZZ		80063	A3015409-51	CABLE ASSEMBLY, IF .....	1
19	XBOZZ		80063	A3015409-52	CABLE ASSEMBLY, IF .....	1
20	XBOZZ		80063	A3015409-53	CABLE ASSEMBLY, IF .....	1
21	XBOZZ		80063	A3015409-54	CABLE ASSEMBLY, IF .....	1
22	XBOZZ		80063	A3015409-55	CABLE ASSEMBLY, IF .....	1
23	XBOZZ		80063	A3015409-56	CABLE ASSEMBLY, IF .....	1
24	XBOZZ		80063	A5015409-57	CABLE ASSEMBLY, IF .....	1
25	XBOZZ		80063	A3015409-58	CABLE ASSEMBLY, IF .....	1
26	XBOZZ		80063	A3015409-59	CABLE ASSEMBLY, IF .....	1
27	XBOZZ		80063	A3015409-60	CABLE ASSEMBLY, IF .....	1
28	XBOZZ		80063	A3015409-61	CABLE ASSEMBLY, IF .....	1
29	XBOZZ		800653	A3015409-62	CABLE ASSEMBLY, IF .....	1
50	XBOZZ		80063	A3015409-63	CABLE ASSEMBLY, IF .....	1
31	XBOZZ		80063	A3015409-64	CABLE ASSEMBLY, IF .....	1
32	XBOZZ		80063	A3015409-65	CABLE ASSEMBLY, IF .....	1
33	XBOZZ		80063	A3015410	CABLE ASSEMBLY, 5MHZ .....	1
34	PBOZZ	5995013700154	80063	A3015362-10	CABLE ASSEMBLY, POWE .....	6
35	XBOZZ		80063	A3015485	MECH GROUND UP/DN F .....	1
36	XBOZZ		80063	A3015412	CABLE ASSEMBLY, REMO .....	1
37	XBOZZ		80063	A3015416-7	CABLE ASSEMBLY, CONT .....	1
38	XBOZZ		80063	A3015416-6	CABLE ASSEMBLY, CONT .....	1
39	XBOZZ		80063	A3015416-5	CABLE ASSEMBLY, CONT .....	1
40	XBOZZ		80063	A3015416-4	CABLE ASSEMBLY, CONT .....	1
41	XBOZZ		80063	A3015416-3	CABLE ASSEMBLY, CONT .....	1
42	XBOZZ		80063	A3015416-2	CABLE ASSEMBLY, CONT .....	1
43	XBOZZ		80063	A3015416-1	CABLE ASSEMBLY, CONT .....	1

END OF FIGURE



CE2D0528

Figure 37. Bracket Installation, FCS Down Converter (A3015613)

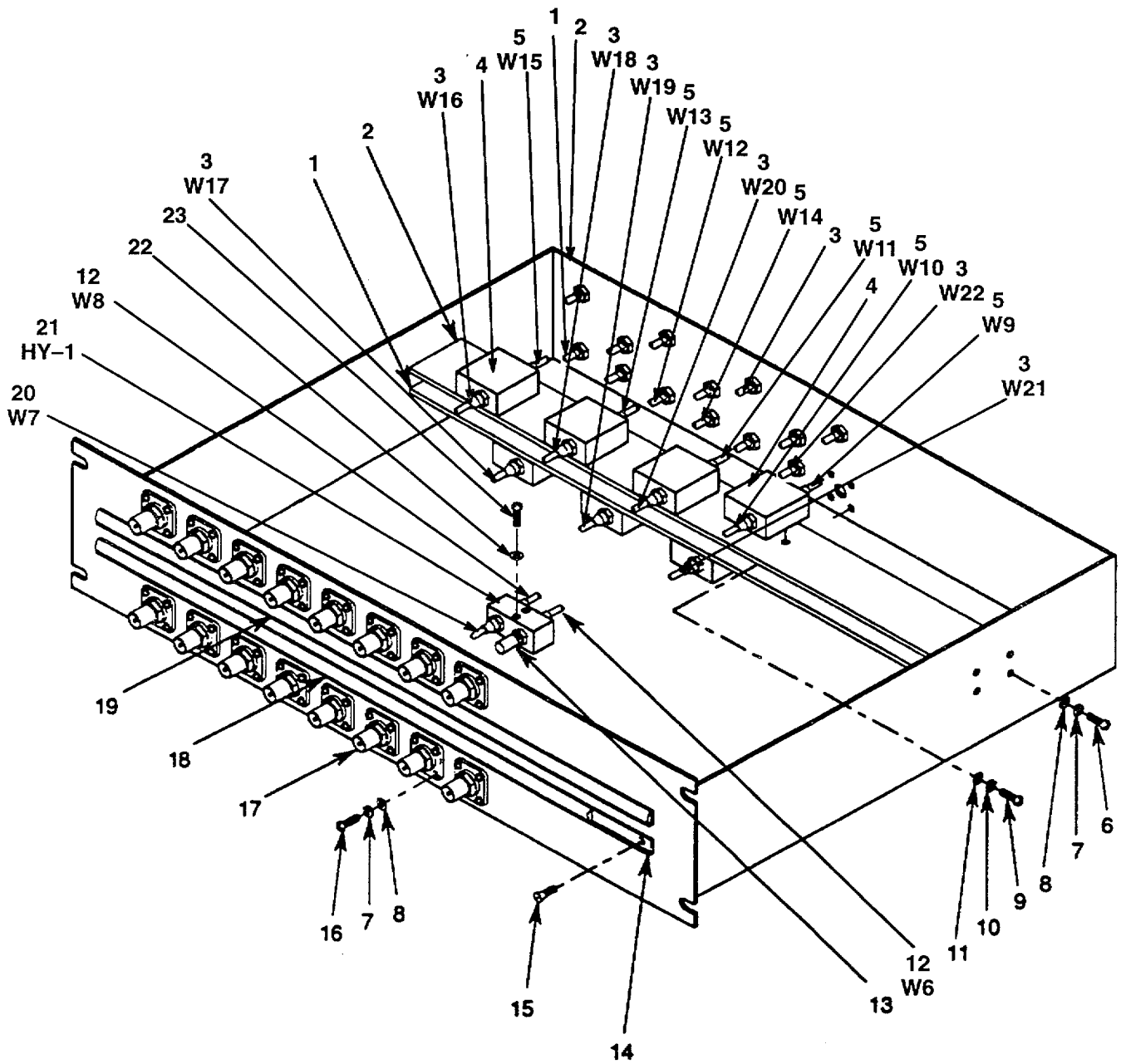
SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
BRACKET INSTALLATION, FCS DOWN CONVERTER (A3015613)						
FIGURE 37.						
1	XBFFF		80063	A3015269-5	BLOWER ASSEMBLY SEE FIGURE 5 FOR ..... PARTS BREAKDOWN .....	1
2	XBFZZ		80063	A3015109-2	BRACKET ASSEMBLY PI .....	1
3	XBFZZ		80063	A3015733-1	ANGLE BRACKET .....	1
4	XBFZZ		80063	A3015109-1	BRACKET ASSEMBLY PI .....	1
5	PAFZZ	5310008094058	96906	MS27183-10	WASHER, FLAT .....	36
6	PAFZZ	5310005825965	96906	M535338-44	WASHER, LOCK .....	1
7	PAFZZ	5305002253843	80204	B1821BH025C100N	SCREW, CAP, HEXAGON H.....	1
8	PAFZZ	5305009597435	96906	MS35207-264	SCREW, MACHINE .....	126
9	PAFZZ	5310000453296	96906	MS35338-43	WASHER, LOCK .....	172
10	PAFZZ	5310000145850	96906	MS27133-42	WASHER, FLAT .....	1
11	PAFZZ	5305009931848	96906	MS35207-265	SCREW, MACHINE .....	1
12	XBFZZ	5340011211578	80063	SM-C-861006	RETRACTOR, CABLE .....	1
13	XBFZZ		80063	A3015735	CABLE RETRACTOR-MOD.....	2
14	XBFZZ		80063	A3015138	CABINET DRILLED .....	1
15	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	4
16	XBFZZ		80063	A3015733-2	ANGLE BRACKET .....	1
17	XBFZZ		80063	A3015401	INTERFACE PANEL SUBB .....	1
18	XBFZZ		80063	SM-C-860570-1	BRACKET CABLE SUPPO.....	1
20	XBFZZ		80063	A3015407-2	SUPPORT EQPT MOUNTI.....	1
21	XBFZZ		80063	A3015407-1	SUPPORT EQPT MOUNTI.....	1
22	XBFZZ		80063	A3015367	SLIDE SUPPORT BRACK.....	1
23	XBFZZ		80063	A3015257	FILTER PANEL ASSEMB.....	1

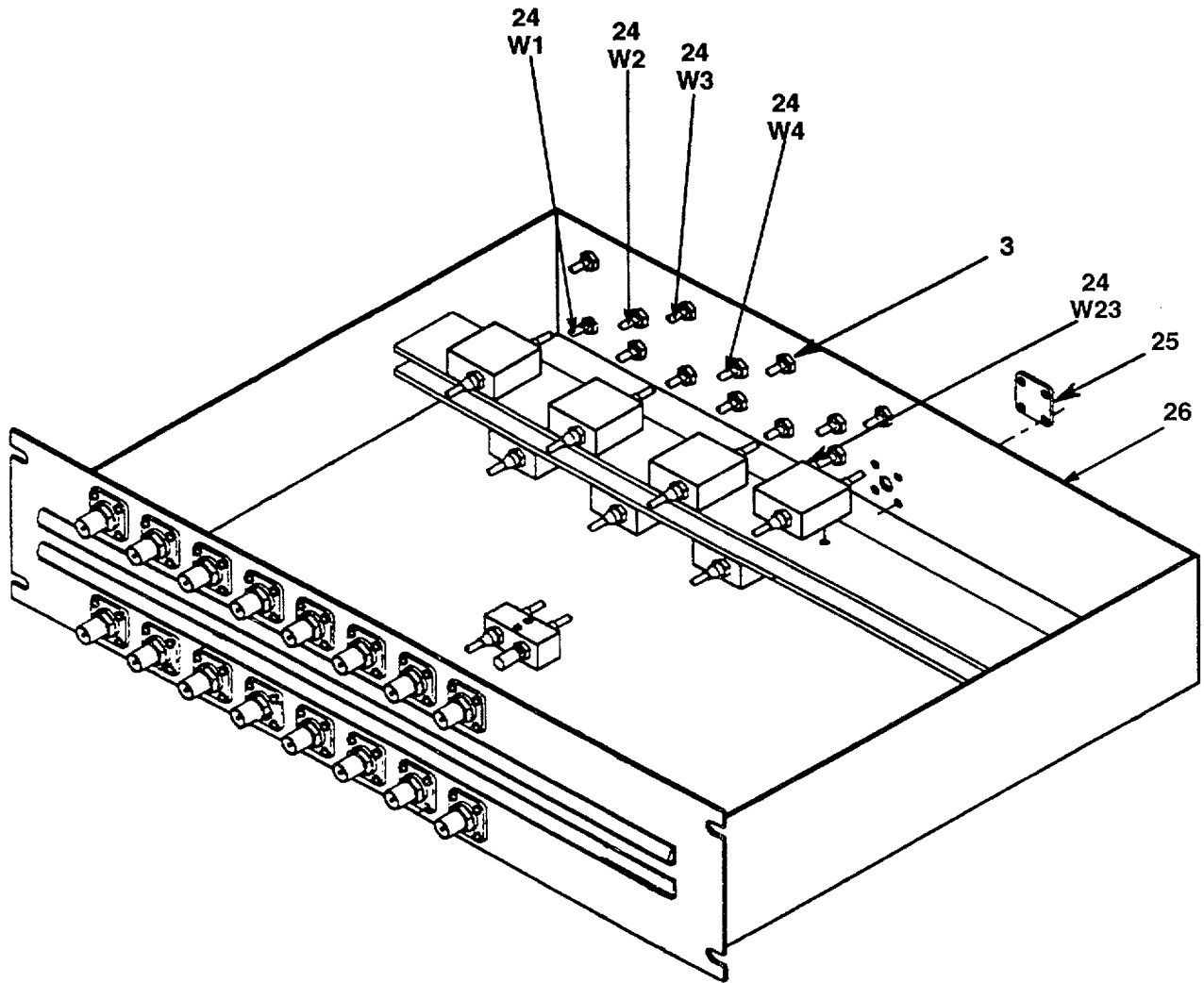
END OF FIGURE





CE2D0552

Figure 38. RF Patch Panel Assembly, A9 (A3015309) (Sheet 1 of 2)



CE2DO552

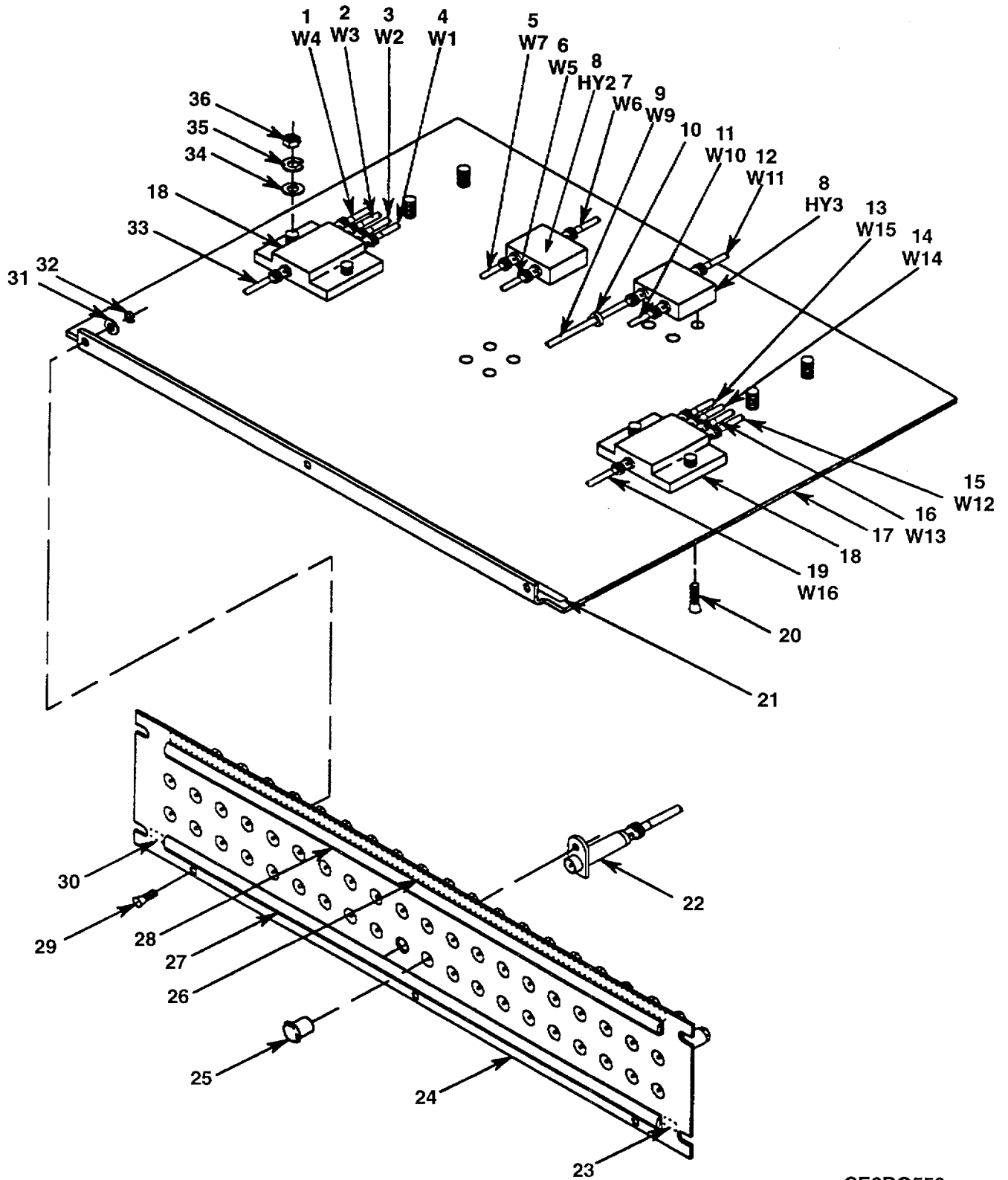
Figure 38. RF Patch Panel Assembly, A9 (A3015309) (Sheet 2 of 2)

## SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
RF PATCH PANEL ASSEMBLY, A9(A3015309)						
FIGURE 38.						
1	XBFZZ		80063	A3015732-2	SUPPORT, RF ISOLATOR.....	1
2	XBFZZ		80063	A3015732-1	SUPPORT, RF ISOLATOR.....	1
3	PBOZZ		17217	G2301301006.0	MICROWAVE CABLE ASS.....	7
4	PAFZZ		51510	101103740	ISOLATOR.....	7
5	PBOZZ		17217	G2S01V71010.0	MICROWAVE CABLE ASS.....	7
6	PAFZZ	5305009836730	96906	MS35206-218	SCREW, MACHINE.....	8
7	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK.....	128
8	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT.....	128
9	PAFZZ	5305009543938	96906	MS35206-207	SCREW, MACHINE.....	14
10	PAFZZ	5310005435060	96906	MS35338-39	WASHER, LOCK.....	14
11	PAFZZ	5310000870057	96906	MS27183-2	WASHER, FLAT.....	14
12	PBOZZ		17217	G2SO1V71006.0	MICROWAVE CABLE ASS.....	2
13	PAFZZ		91836	1335-2-MA9	CONNECTOR TERMINATI.....	1
14	XBFZZ		56996	B4037502	DESIGNATION STRIP.....	2
15	PAFZZ	5305000816668	96906	M524693-S2	SCREW, MACHINE.....	6
16	PAFZZ	5305008892999	96906	MS35206-217	SCREW, MACHINE.....	120
17	PAFZZ		03554	901-9011	ADAPTER RF CONNECTO.....	29
18	XBFZZ		80063	A3015766-10	DESIGNATION STRIPS.....	1
19	XBFZZ		80063	A3015766-9	DESIGNATION STRIPS.....	1
20	PBOZZ		17217	G2SO1V71008.0	MICROWAVE CABLE ASS.....	1
21	PAFZZ		12457	QHMT-2-10G	STRIPLINE CONNECTOR.....	1
22	PAFZZ	5310009514679	96906	MS27183-3	WASHER, FLAT.....	2
23	PAFZZ		81348	FFS92TYPE1STYLE4 S	SCREW, MACHINE.....	2
24	PBOZZ		17217	G2S01S01016.0	MICROWAVE CABLE ASS.....	6
25	XBFZZ		80063	A3015764	PLATE, COVER.....	1
26	XBFZZ		80063	A3015745	RF PATCH PANEL-WELD.....	1

END OF FIGURE

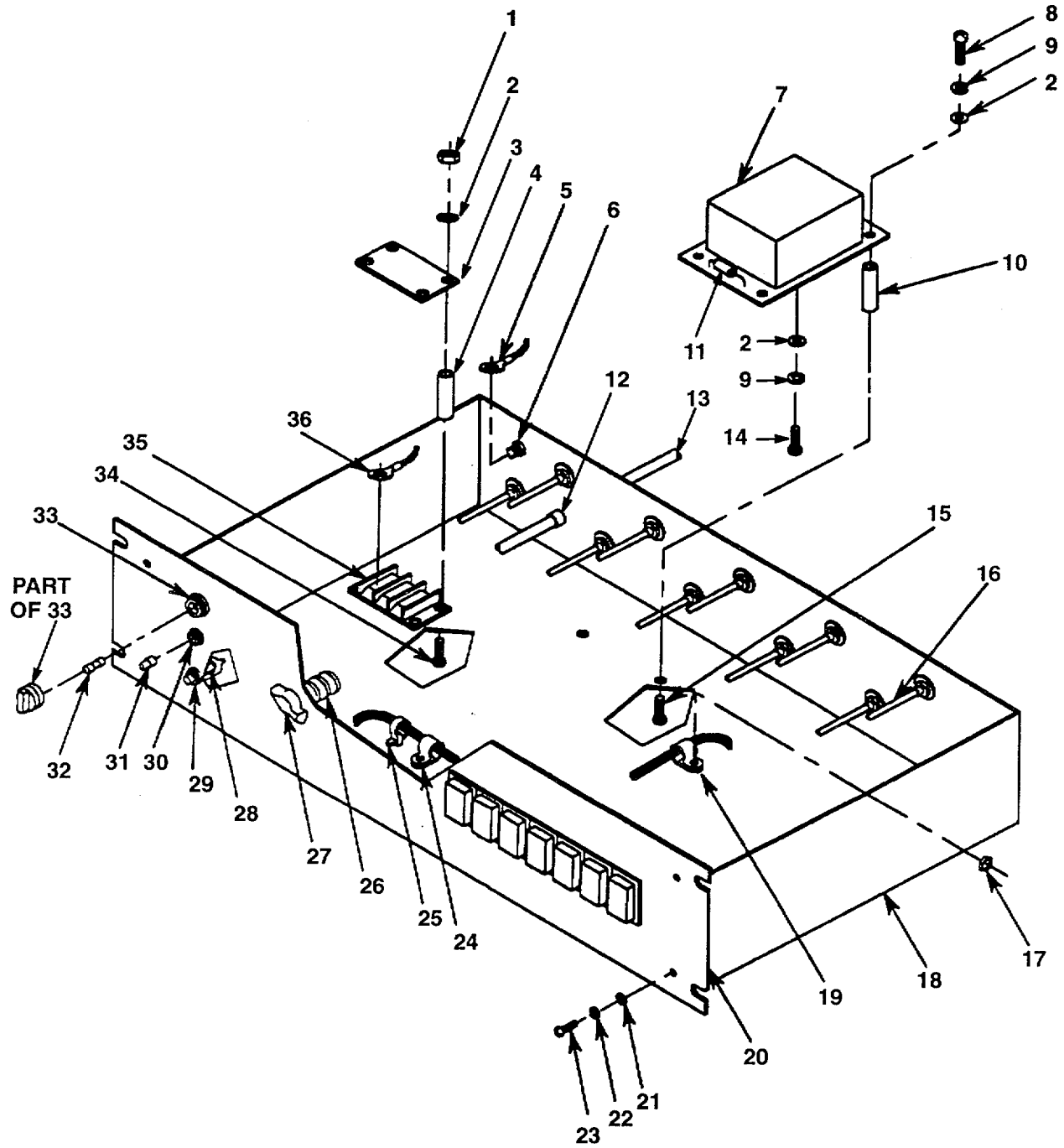


CE2DO553

Figure 39. IF Patch Panel Shelf Assembly, A7 (A3015314)

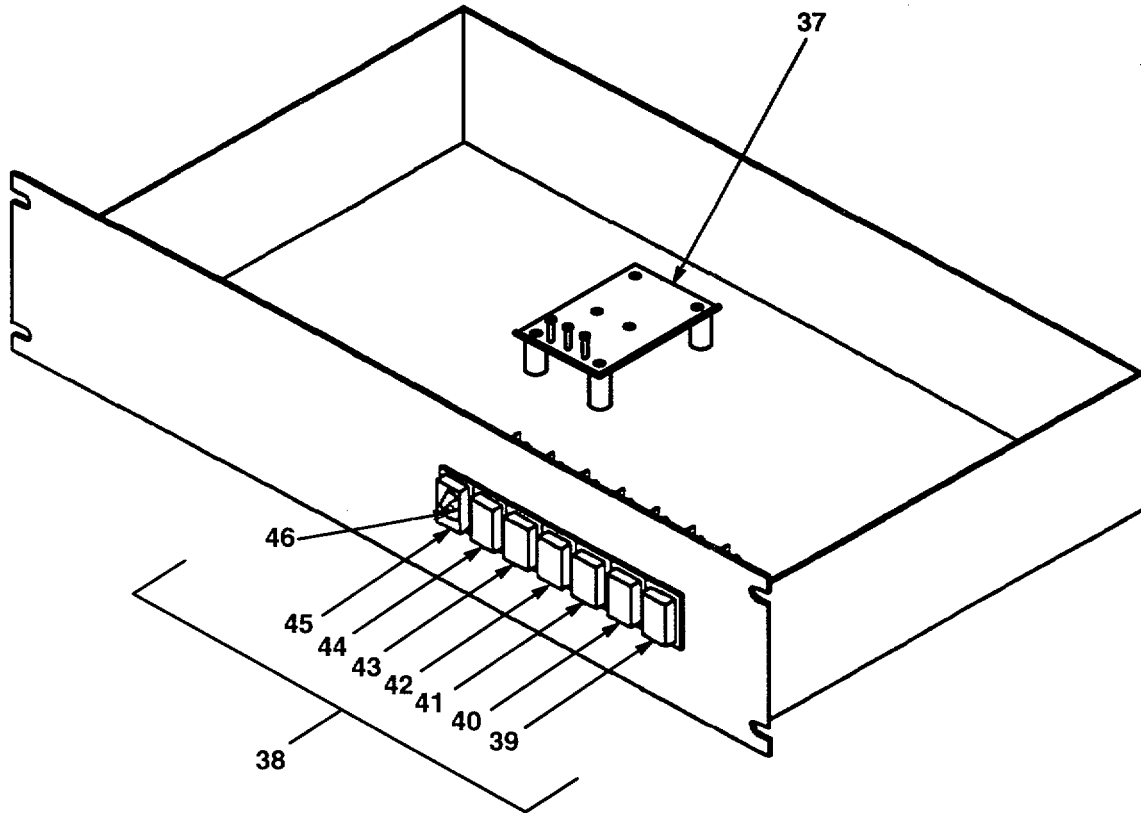
(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					IF PATCH PANEL SHELF ASSEMBLY, A7 (A3015314)	
					FIGURE 39.	
1	XBFZZ		80063	A3015576-30	CABLE ASSEMBLY, IF .....	1
2	XBFZZ		80063	A3015576-29	CABLE ASSEMBLY, IF .....	1
3	XBFZZ		80063	A3015576-28	CABLE ASSEMBLY, IF .....	1
4	XBFZZ		80063	A3015576-27	CABLE ASSEMBLY, IF .....	1
5	XBFZZ		80063	A3015576-33	CABLE ASSEMBLY, IF .....	1
6	XBFZZ		80063	A3015576-34	CABLE ASSEMBLY, IF .....	1
7	XBFZZ		80063	A3015576-32	CABLE ASSEMBLY, IF .....	1
8	PAFZZ	6625010418034	12457	PD-20-50	DIVIDER, PONER, RADIO .....	2
9	XBFZZ		80063	A3015576-35	CABLE ASSEMBLY, IF .....	1
10	PAFZZ	5975001563253	96906	MS3367-2-9	STRAP, TIEDOWN, ELECT .....	1
11	XBFZZ		80063	A3015576-36	CABLE ASSEMBLY, IF .....	1
12	XBFZZ		80063	A3015576-37	CABLE ASSEMBLY, IF .....	1
13	XBFZZ		80063	A3015576-41	CABLE ASSEMBLY, IF .....	1
14	XBFZZ		80063	A3015576-40	CABLE ASSEMBLY, IF .....	1
15	XBFZZ		80063	A3015576-38	CABLE ASSEMBLY, IF .....	1
16	XBFZZ		80063	A3015576-39	CABLE ASSEMBLY, IF .....	1
17	XBFZZ		80063	A3015366	SHELF, IF PATCH PANE .....	1
18	PAFZZ	6625012778510	12457	PD-40-100	DIVIDER, POHER, RADIO .....	2
19	XBFZZ		80063	A3015576-42	CABLE ASSEMBLY, IF .....	1
20	PAFZZ	5305009576264	96906	MS35190-225	SCREMI, MACHINE .....	8
21	XBFZZ		80063	A3015693-2	IDENTIFICATION STRI .....	1
22	XBFZZ		14949	J13-50	DUMMY LOAD, ELECTRIC .....	44
23	XBFZZ		80063	A3015693-4	IDENTIFICATION STRI .....	1
24	XBFZZ		14949	JS1-56	PANEL, PATCH IF .....	1
25	XBFZZ		82389	P-1801	BUTTON, CAP .....	12
26	XBFZZ		80063	A3015693-1	IDENTIFICATION STRI .....	1
27	XBFZZ		80063	A3015765-10	DESIGNATION STRIPS .....	1
28	XBFZZ		80063	A3015765-9	DESIGNATION STRIPS .....	1
29	PAFZZ	5305009577812	96906	MS24693-S276	SCREW, MACHINE .....	3
30	XBFZZ		80063	A3015693-3	IDENTIFICATION STRI .....	1
31	PAFZZ	5310000145850	96906	MS27183-42	MASHER, FLAT .....	3
32	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	3
33	XBFZZ		80063	A3015576-31	CABLE ASSEMBLY, IF .....	1
34	PAFZZ		96906	MS27183-6	WASHER, FLAT, ROUND .....	4
35	PAFZZ	5310000454007	96906	MS35338-41	WASHER, LOCK .....	4
36	PAFZZ	5310009349747	96906	M535649-262	NUT, PLAIN, HEXAGON .....	4

END OF FIGURE



CE2D0508

Figure 40. Electronic Components Assembly, FCS Down Converter, A11 (A3015647) (Sheet 1 of 2)



CE2D0509

Figure 40. Electronic Components Assembly, FCS Down Converter, A11 (A3015647) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
ELECTRONIC COMPONENTS ASSEMBLY, FCS DOWN CONVERTER All(A3015647)						
FIGURE 40.						
1	PAFZZ	5310000880551	96906	MS21044-N04	NUT, SELF-LOCKING, HE .....	1
2	PAFZZ	5310009501310	96906	MS27183-4	WASHER, FLAT .....	1
3	XBFZZ		80063	SM-C-982438	COVER, PROTECTIVE .....	1
4	PAFZZ		83330	9184	SPACER, NYLON .....	1
5	PAFZZ	5940001138184	96906	MS25036-150	TERMINAL, LUG .....	1
6	PAFZZ		18655	PM542	POWER SUPPLY .....	1
6	XBFZZ		80063	SM-C-859894	STUD ASSEMBLY, TURN .....	1
8	PAFZZ	5305008892997	96906	M535206-215	SCREN, MACHINE .....	1
9	PAFZZ	5310005432410	96906	MS35338-40	WASHER, LOCK .....	1
10	PAFZZ		83330	2372	SPACER, BRASS .....	1
11	PAFZZ	5905001069357	81349	RCR07G750JS	RESISTOR, FIXED, COMP .....	1
12	PAFZZ	5975002464906	28520	SR-6P-4	BUSHING, STRAIN RELI .....	1
13	PAFZZ		71482	SJ-0-OD330	POWER CORD SET .....	1
14	PAFZZ	5305008893116	96906	MS535206-213	SCREW, MACHINE .....	1
15	PAFZZ	5305009576636	96906	M535190-223	SCREIW, MACHINE .....	1
16	XBFFF		80063	A3015663	WIRING HARNESS .....	1
17	PAFZZ	5310008775797	96906	MS21044-N3	NUT, SELF-LOCKING, HE .....	1
18	XBFZZ		80063	A3015519	WRAPAROUND, CONTROL .....	1
19	PAFZZ	5340000612381	96906	MS25281-F13	CLAMP, LOOP .....	1
20	XBFZZ		80063	A3015584	PANEL, FRONT CONTROL .....	1
21	PAFZZ	5310008094058	96906	MS27183-10	WASHER, FLAT .....	1
22	PAFZZ	5310000453296	96906	M3S53538-43	WASHER, LOCK .....	1
23	PAFZZ	5305009897435	96906	MS35207-264	SCREW, MACHINE .....	1
24	PAFZZ	5340009436041	96906	MS25281-F4	CLAMP, LOOP .....	1
25	PAFZZ		96906	MS3367-1-9	STRAP TIEDOWN .....	1
26	PAFZZ	5930013728080	80063	A3015637	SWITCH, ROTARY .....	1
27	PAOZZ	5355003412477	80063	SMB552258	KNOB .....	1
28	PAFZZ	5905001048330	81349	RCR20G333JS	RESISTOR, FIXED, COMP .....	1
29	PAFZZ		87034	616-6-1-A1H	SWITCH, LATCHING-PRE .....	1
30	PAFZZ	6210011420431	83330	508-8738-504	LIGHT, INDICATOR .....	1
31	PAFZZ		72619	507-4756-331-500	CARTRIDGE, DATA LAMP .....	1
32	PAOZZ	5920002960446	81349	F02A250V3/4A	FUSE, CARTRIDGE .....	1
33	PAFZZ		75915	344-125	FUSEHOLDER, EXTRACTO .....	1
34	PAFZZ	5305009585456	96906	MS35190-230	SCREN, MACHINE .....	1
35	PAFZZ	5940009836115	81349	38TB-2	TERMINAL BOARD .....	1
36	PAFZZ	5940005571629	96906	MS25036-149	TERMINAL, LUG .....	1
37	XBFZZ	6130010752159	80063	SM-C-860921	POWER SUPPLY SUBASS .....	1
38	PAFFZ		80063	A3015559	SWITCH ASSEMBLY .....	1
39	XBFZZ		56996	B4038004-7	LENS, HOLDER .....	1
40	PAFZZ		56996	B4038004-6	LENS, HOLDER .....	1
41	PAFZZ		56996	B4038004-5	RETAINER, LENS .....	1
42	PAFZZ		56996	B4038004-4	RETAINER, LENS .....	1
43	PAFZZ		56996	B4038004-3	RETAINER, LENS .....	1
44	PAFZZ		56996	B4038004-2	RETAINER, LENS .....	1
45	PAFZZ		61706	31-901.2	RETAINER, LENS .....	1
46	PAOZZ		61706	31-963.0	LAMP, INCANDESCENT .....	1

END OF FIGURE



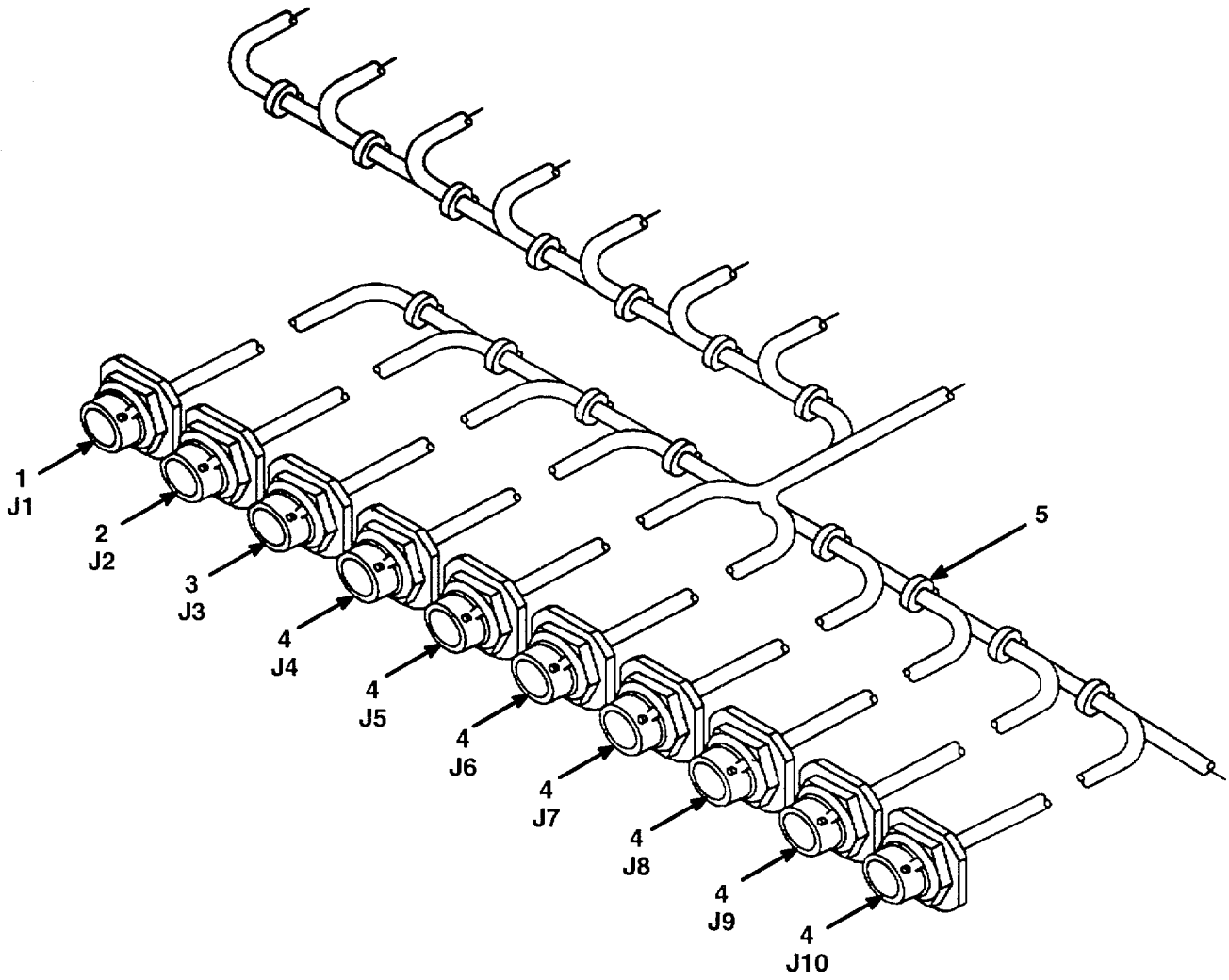


Figure 41. Wiring Harness Assembly (A3015663)

SECTION II

TM11-5895-1328-23P

(1) ITEM NO	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODES (UOC)	(7) QTY
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WIRING HARNESS ASSEMBLY(A3015663)

FIGURE 41.

1	PAFZZ	96906		MS-3114E14-19PX	CONNECTOR, RECEPTACL .....	1
2	PAFZZ	96906		MS3114E14-19P	CONNECTOR, RECEPTACL .....	1
3	PAFZZ	96906		MS3114E14-19PW	CONNECTOR, RECEPTACL .....	1
4	PAFZZ	96906		MS-3114F14-15S	CONNECTOR, RECEPTACL .....	1
5	PAFZZ	96906		MS3367-1-9	STRAP TIEDOWN .....	1

END OF FIGURE

**CROSS- REFERENCE-INDEXES  
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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM		
5310-00-014-5850	2	5	5310-00-045-4007	5	9		
	3	2		7	11		
	4	10		8	18		
	5	6		17	23		
	6	15		18	18		
	7	1		39	35		
	10	1		5310-00-045-5207	5	21	
	13	6			5305-00-054-5651	8	20
	14	2				18	9
	15	10	5340-00-061-2381	11	19		
	16	11		19	19		
	17	19		33	19		
	21	8		40	19		
	22	2		5305-00-081-6668	9	15	
	23	10	24		19		
	24	12	38		15		
	25	18	5310-00-087-0057		9	10	
	28	6			16	15	
	29	2		24	16		
	30	10	5310-00-088-0551	31	11		
	32	18		38	11		
	35	6		6	7		
	36	2		11	1		
	37	10		19	1		
	39	31		26	1		
	5310-00-045-3296	2		6	5905-00-104-8330	33	1
		3	5	40		1	
		4	9	11		28	
		5	5	16		39	
		6	16	19		28	
		11	22	24		39	
		13	5	26		28	
		14	5	33		28	
		15	9	40		28	
		19	22	5905-00-106-9357		11	11
		21	7			19	11
		22	5		26	11	
		23	9		33	11	
		26	22		40	11	
28		5	5940-00-113-8179	5	12		
29		5		5940-00-113-8184	11	5	
30		9	16		35		
33		22	19		5		
35		5	24		35		
36		5	26		5		
37		9	33		5		
40	22	40	5				
5310-00-045-3299	5	18	5905-00-131-1255		16	8	
	9	12		24	4		
	31	13	5940-00-143-4780	5	7		

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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
6240-00-155-7836	16	38	5310-00-543-5060	16	14
	24	38		24	15
5975-00-156-3253	17	2		31	10
	25	2		38	10
	32	2	5940-00-557-1629	11	36
	39	10		19	36
6210-00-159-1727	7	6		26	36
5305-00-225-3843	4	7		33	36
	15	7		40	36
	23	7	5310-00-582-5965	4	6
	30	7		15	6
	37	7		23	6
5975-00-246-4906	11	11		30	6
	19	12		37	6
	26	12	5305-00-639-4747	16	28
	33	12	5920-00-705-2914	11	33
	40	12		24	45
5305-00-253-5614	2	17		26	33
	13	17	6210-00-728-6250	16	41
	21	19		24	41
	28	17	5310-00-765-3197	5	2
	35	17		9	13
5310-00-261-8278	5	26		31	14
5325-00-276-6228	6	11	5310-00-809-4058	4	5
5920-00-280-8344	16	46		11	21
	24	46		15	5
5920-00-296-0446	19	32		19	21
	26	32		23	5
	33	32		26	21
	40	32		30	5
5985-00-328-4000	10	5		33	21
	17	8		37	5
5355-00-341-2477	11	27		40	21
	19	27	5310-00-811-3494	5	1
	33	27	5935-00-852-4078	20	3
	40	27		27	3
5310-00-543-2410	8	3		34	3
	9	6		41	3
	11	8	310-00-877-5797	3	3
	16	5		4	15
	18	3		7	2
	19	9		10	2
	24	8		11	17
	26	9		14	3
	31	7		15	15
	33	9		16	2
	38	7		17	20
	40	9		19	17
5310-00-543-5060	6	9		22	3
	9	9		23	15

**CROSS- REFERENCE-INDEXES  
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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM	
5310-00-877-5797	24	6	5340-00-943-6041	40	24	
	25	19	5310-00-950-1310	6	3	
	26	17		9	7	
	29	3		11	2	
	30	15		16	4	
	32	19		19	2	
	33	17		24	9	
	36	3		26	2	
	37	15		31	8	
	39	32		33	2	
	40	17		38	8	
	5305-00-889-2997	11	7		40	2
		19	8	5310-00-951-4679	8	2
		26	8		16	27
33		8		18	2	
5305-00-889-2999	40	8		24	27	
	6	1		31	31	
	8	4		38	22	
	9	17	5305-00-954-3938	9	8	
	16	19		16	13	
	18	4		24	14	
	24	22		31	9	
	31	18		38	9	
	38	16	5305-00-957-6264	17	6	
	5305-00-889-3116	11	14		25	8
19		14		32	8	
26		14		39	20	
33		14	5305-00-957-6636	11	15	
5340-00-896-1082	40	14		19	15	
	3	1		26	15	
	7	16		33	15	
	14	1		40	15	
	22	1	5305-00-957-6638	5	14	
	29	1	5305-00-957-7812	10	13	
	36	1		17	17	
	11	9		25	16	
5340-00-925-7343	26	10		32	16	
	33	10		39	29	
	16	16	5305-00-958-5453	8	16	
5310-00-934-9739	24	17		18	16	
5310-00-934-9747	17	24	5305-00-958-5456	11	34	
	39	36		19	34	
5310-00-934-9751	6	8		26	34	
5310-00-934-9766	5	22		33	34	
6240-00-939-7859	7	7		40	34	
5310-00-942-5110	5	25	5305-00-958-5473	8	10	
5340-00-943-6041	11	24		18	10	
	19	24	5305-00-959-2675	5	15	
	26	24	5940-00-983-6045	5	13	
	33	24	5940-00-983-6115	11	35	

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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5940-00-983-6115	19	35	5305-00-993-1848	21	6
	26	35		22	4
	33	35		23	11
	40	35		28	4
5305-00-983-6730	9	5		29	4
	16	12		30	11
	31	6		35	4
	38	6		36	4
5310-00-983-8483	8	19		37	11
	18	19	6625-01-017-2372	32	5
5305-00-984-4988	8	17	6240-01-032-5105	11	31
	18	17		24	44
5305-00-984-4989	7	10		26	31
5305-00-984-6193	9	11		33	31
	31	12	6625-01-041-8034	17	1
5305-00-984-6197	5	17		25	5
5305-00-984-7341	8	21		39	8
	18	20	6130-01-075-2159	11	37
5305-00-984-7342	6	13		19	37
5305-00-988-1167	16	3	5940-01-079-1936	7	3
	24	7	5895-01-093-6967	21	13
5305-00-989-7435	2	8		28	11
	3	10		35	11
	4	8	5895-01-093-6968	2	11
	11	23		13	11
	13	8	5895-01-102-0048	35	10
	14	10	6210-01-142-0431	11	30
	15	8		16	43
	16	10		19	30
	19	23		24	43
	21	10		26	30
	22	10		33	30
	23	8		40	30
	24	11	6625-01-277-8510	17	5
	26	23		39	18
	28	8	5999-01-287-7130	2	14
	29	10	6110-01-287-8199	3	11
	30	8		14	11
	33	23		22	11
	35	8		29	11
	36	10		36	11
	37	8	5895-01-289-4677	1	3
	40	23	5895-01-289-4679	1	1
5305-00-990-6444	5	4	5895-01-289-4680	1	5
5305-00-993-1848	2	4	5895-01-289-4681	1	4
	3	4		1	4
	4	11	5999-01-289-4691	13	14
	13	4	5999-01-289-4692	21	16
	14	4	5999-01-289-4693	28	14
	15	11	5999-01-289-4694	35	14

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STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5995-01-369-6754	9	2	5995-01-370-0167	28	40
	16	1		35	40
	24	1	5995-01-370-8270	14	32
	31	5	5930-01-372-8080	11	26
5995-01-370-0148	2	44		19	26
	21	44		26	26
	28	43		33	26
	35	44		40	26
5995-01-370-0149	2	24	5985-01-372-8868	16	21
	21	24		24	24
	28	24	6625-01-373-5859	24	20
	35	24		31	25
5995-01-370-0150	2	42	6130-01-376-2171	16	6
5995-01-370-0151	2	36		24	10
	21	36			
	28	36			
	35	36			
5995-01-370-0152	9	28			
	16	34			
	24	31			
5995-01-370-0154	22	30			
	29	22			
	36	34			
5995-01-370-0155	9	26			
	31	20			
5995-01-370-0156	31	19			
5995-01-370-0158	9	24			
	16	33			
	24	33			
	31	3			
5995-01-370-0159	9	23			
	16	32			
	24	32			
	31	29			
5995-01-370-0160	24	47			
5995-01-370-0161	16	47			
5995-01-370-0164	8	5			
	9	30			
	18	6			
	24	30			
5995-01-370-0165	31	26			
	2	31			
	21	31			
	28	31			
5995-01-370-0166	35	31			
	2	28			
	21	28			
	28	28			
5995-01-370-0167	35	28			
	2	40			

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015109-1		4	4
			15	4
			23	4
			30	4
			37	4
80063	A3015109-2		4	2
			15	2
			23	2
			30	2
			37	2
80063	A3015110-2		15	24
80063	A3015111		15	25
80063	A3015119-16		3	6
80063	A3015119-17		14	6
80063	A3015119-18		22	6
80063	A3015119-19		29	6
80063	A3015119-20		36	6
80063	A3015129		5	24
80063	A3015136		2	3
			13	3
			21	5
			28	3
			35	3
			4	14
			15	14
80063	A3015138		23	14
			30	14
			37	14
			5	16
			5	23
80063	A3015156		2	1
80063	A3015157		13	1
80063	A3015191-13		21	3
80063	A3015191-14		28	1
80063	A3015191-15		35	1
80063	A3015191-16		2	18
80063	A3015191-17		13	18
80063	A3015192-13		21	1
80063	A3015192-14		28	18
80063	A3015192-15		35	18
80063	A3015192-16		4	19
80063	A3015192-17		15	19
			23	19
			30	19
			6	4
			6	18
80063	A3015201		3	32
80063	A3015225		14	13
			22	13
			29	13
			36	13
			36	13
80063	A3015226		6	18
80063	A3015230-2		3	32
80063			14	13
			22	13
			29	13
			36	13
			36	13



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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015249		3	12
			14	12
			22	12
			29	12
			36	12
80063	A3015255		6	17
80063	A3015256		6	6
80063	A3015257		4	23
			15	23
			23	23
			30	23
			37	23
80063	A3015267-5		5	19
80063	A3015269-5		4	1
			15	1
			23	1
			30	1
			37	1
80063	A3015287		6	10
80063	A3015305		2	15
80063	A3015306		13	15
80063	A3015307		21	17
80063	A3015308		28	15
80063	A3015309		35	15
80063	A3015310		2	16
80063	A3015311		13	16
80063	A3015313		28	16
80063	A3015314		35	16
80063	A3015315		2	12
80063	A3015316	5999-01-287-7130	2	14
80063	A3015319		11	18
			19	18
			26	18
			33	18
			40	18
80063	A3015359-2	5995-01-370-0158	9	24
			16	33
			24	33
			31	3
80063	A3015359-4		24	34
			31	27
80063	A3015359-6		9	25
80063	A3015359-7	5995-01-370-0159	9	23
			16	32
			24	32
			31	29
80063	A3015359-9	5995-01-370-0160	24	47
80063	A3015360-1	5995-01-370-0164	8	5
			9	30
			18	6
			24	30

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015360-1	5995-01-370-0164	31	26
80063	A3015360-2		8	6
			9	27
			16	48
			18	5
80063	A3015360-3	5995-01-370-0155	9	26
			31	20
80063	A3015360-4	5995-01-369-6754	9	2
			16	1
			24	1
			31	5
80063	A3015360-5	5995-01-370-0152	9	28
			16	34
			24	31
80063	A3015360-6	5995-01-370-0161	16	47
80063	A3015360-7	5995-01-370-0156	31	19
80063	A3015361-10	5995-01-370-0150	2	42
80063	A3015361-11	5995-01-370-0151	2	36
			21	36
			28	36
			35	36
80063	A3015361-5	5995-01-370-0165	2	31
			21	31
			28	31
			35	31
80063	A3015361-6	5995-01-370-0166	2	28
			21	28
			28	28
			35	28
80063	A3015361-7	5995-01-370-0167	2	40
			21	40
			28	40
			35	40
80063	A3015361-8	5995-01-370-0148	2	44
			21	44
			28	43
			35	44
80063	A3015361-9	5995-01-370-0149	2	24
			21	24
			28	24
			35	24
80063	A3015362-10	5995-01-370-0154	22	30
			29	22
			36	34
80063	A3015362-3	5995-01-370-8270	14	32
80063	A3015366		10	3
			25	6
			32	6
			39	17
80063	A3015367		4	22
			15	22

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015367		23	22
			30	22
			37	22
80063	A3015380-1		7	15
80063	A3015380-2		7	13
80063	A3015397		7	5
80063	A3015398		7	9
80063	A3015401		4	17
			15	17
			23	17
			25	17
			30	17
			37	17
80063	A3015403		9	3
80063	A3015404		18	8
80063	A3015405		8	8
80063	A3015406	6110-01-287-8199	3	11
			14	11
			22	11
			29	11
			36	11
80063	A3015407-1		4	21
			15	21
			23	21
			30	21
			37	21
80063	A3015407-2		4	20
			15	20
			23	20
			30	20
			37	20
80063	A3015408-1		2	23
80063	A3015408-10		13	46
80063	A3015408-11		13	27
80063	A3015408-12		13	30
80063	A3015408-13		13	41
80063	A3015408-14		13	33
80063	A3015408-15		15	35
80063	A3015408-16		13	23
80063	A3015408-17		21	22
80063	A3015408-18		21	45
80063	A3015408-19		21	27
80063	A3015408-2		2	45
80063	A3015408-20		21	30
80063	A3015408-21		21	41
80063	A3015408-22		21	33
80063	A3015408-23		21	35
80063	A3015408-24		21	23
80063	A3015408-25		28	23
80063	A3015408-26		28	44
80063	A3015408-27		28	27
80063	A3015408-28		28	30

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015408-29		28	41
80063	A3015408-3		2	27
80063	A3015408-30		28	33
80063	A3015408-31		28	35
80063	A3015408-32		28	22
80063	A3015408-33		35	22
80063	A3015408-34		35	45
80063	A3015408-35		35	27
80063	A3015408-36		35	30
80063	A3015408-37		35	41
80063	A3015408-38		35	33
80063	A3015408-39		35	35
80063	A3015408-4		2	30
80063	A3015408-40		35	23
80063	A3015408-5		2	41
80063	A3015408-6		2	33
80063	A3015408-7		2	35
80063	A3015408-8		2	22
80063	A3015408-9		13	22
80063	A3015409-1		3	13
80063	A3015409-10		3	22
80063	A3015409-11		14	14
80063	A3015409-12		14	15
80063	A3015409-13		14	16
80063	A3015409-14		14	17
80063	A3015409-15		14	18
80063	A3015409-16		14	19
80063	A3015409-17		14	20
80063	A3015409-18		14	21
80063	A3015409-19		14	22
80063	A3015409-2		3	14
80063	A3015409-20		14	23
80063	A3015409-21		14	24
80063	A3015409-22		14	25
80063	A3015409-23		14	26
80063	A3015409-24		14	27
80063	A3015409-26		22	15
80063	A3015409-27		22	16
80063	A3015409-28		22	17
80063	A3015409-29		22	1S
80063	A3015409-3		3	15
80063	A3015409-30		22	19
80063	A3015409-31		22	20
80063	A3015409-32		22	21
80063	A3015409-33		22	22
80063	A3015409-34		22	23
80063	A3015409-35		22	24
80063	A3015409-36		22	25
80063	A3015409-37		22	26
80063	A3015409-38		22	27
80063	A3015409-39		22	28

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015409-4		3	16
80063	A3015409-40		29	14
80063	A3015409-41		29	15
80063	A3015409-42		29	16
80063	A3015409-43		29	17
80063	A3015409-44		29	18
80063	A3015409-45		29	19
80063	A3015409-46		29	20
80063	A3015409-47		36	14
80063	A3015409-48		36	15
80063	A3015409-49		36	16
80063	A3015409-5		3	17
80063	A3015409-50		36	17
80063	A3015409-51		36	18
			36	19
80063	A3015409-52		36	19
80063	A3015409-53		36	20
80063	A3015409-54		36	21
80063	A3015409-55		36	22
80063	A3015409-56		36	23
80063	A3015409-57		36	24
80063	A3015409-58		36	25
80063	A3015409-59		36	26
80063	A3015409-6		3	18
80063	A3015409-60		36	27
80063	A3015409-61		36	28
80063	A3015409-62		36	29
80063	A3015409-63		36	30
80063	A3015409-64		36	31
80063	A3015409-65		36	32
80063	A3015409-66		14	30
80063	A3015409-67		14	29
80063	A3015409-68		14	28
80063	A3015409-7		3	19
80063	A3015409-8		3	20
80063	A3015409-9		3	21
80063	A3015410		14	31
			22	29
			29	21
			36	33
80063	A30154109-25		22	14
80063	A3015411-1		2	25
			13	25
			21	25
			28	25
			35	25
80063	A3015411-2		2	43
			13	44
			21	43
			28	42
			35	43

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015411-3		2	29
			13	29
			21	29
			28	29
			35	29
80063	A3015411-4		2	32
			13	32
			21	32
			28	32
			35	32
80063	A3015411-5		2	39
			13	39
			21	39
			28	39
			35	39
80063	A3015411-6		2	34
			13	34
			21	34
			28	34
			35	34
80063	A3015411-7		2	37
			13	37
			21	37
			28	37
			35	37
80063	A3015412		3	26
			14	34
			22	32
			29	24
			36	36
80063	A3015413		2	21
			13	21
			21	21
80063	A3015414		35	21
			2	38
			13	38
			21	38
80063	A3015415		35	38
			2	26
			13	26
			21	26
			28	26
80063	A3015416-1		35	26
			3	31
			14	41
			22	35
			29	27
80063	A3015416-2		36	43
			3	30
			14	40
			22	34

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015416-2		29	26
			36	42
80063	A3015416-3		3	29
			14	39
			22	33
			29	25
			36	41
80063	A3015416-4		3	28
			14	38
			36	40
80063	A3015416-5		3	27
			14	37
			36	39
80063	A3015416-6		14	36
			36	38
80063	A3015416-7		14	35
			36	37
80063	A3015417-1		2	20
			13	20
			21	20
			28	20
			35	20
80063	A3015417-2		13	43
			21	42
80063	A3015420-001		18	12
80063	A3015420-002		8	12
80063	A35015439		3	7
80063	A3015446		2	2
80063	A3015485		3	25
			14	33
			22	31
			29	23
			36	35
80063	A30155413		28	21
80063	A3015559		11	38
			19	38
			26	38
			33	38
			40	38
80063	A3015576-1		17	36
80063	A3015576-10		17	41
80063	A3015576-11		17	40
80063	A3015576-12		17	25
80063	A3015576-13		17	44
80063	A3015576-14		17	26
80063	A3015576-15		17	28
80063	A3015576-16		17	27
80063	A3015576-17		17	29
80063	A3015576-18		17	31
80063	A3015576-19		17	30
80063	A3015576-2		17	37

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015576-20		17	32
80063	A3015576-21		25	3
80063	A3015576-22		25	1
80063	A3015576-23		25	4
80063	A3015576-24		32	1
80063	A3015576-25		32	3
80063	A3015576-26		32	4
80063	A3015576-27		39	4
80063	A3015576-28		39	3
80063	A3015576-29		39	2
80063	A53015576-3		17	38
80063	A3015576-30		39	1
80063	A3015576-31		39	33
80063	A3015576-32		39	7
80063	A3015576-33		39	5
80063	A3015576-34		39	6
80063	A3015576-35		39	9
80063	A3015576-36		39	11
80063	A3015576-37		39	12
80063	A3015576-38		39	15
80063	A3015576-39		39	16
80063	A3015576-4		17	39
80063	A3015576-40		39	14
80063	A3015576-41		39	13
80063	A3015576-42		39	19
80063	A53015576-5		17	33
80063	A3015576-6		17	34
80063	A3015576-7		17	35
80063	A3015576-8		17	43
80063	A3015576-9		17	42
80063	A3015584		11	20
			19	20
			26	20
			33	20
			40	20
80063	A3015610		14	7
80063	A3015611		22	7
80063	A53015612		29	7
80063	A3015613		36	7
80063	A3015637	5930-01-372-8080	11	26
			19	26
			26	26
			33	26
			40	26
80063	A3015643		13	12
80063	A3015644	5999-01-289-4691	13	14
80063	A3015645	5999-01-289-4692	21	16
80063	A3015646	5999-01-289-4693	28	14
80063	A3015647	5999-01-289-4694	35	14
80063	A5015654		11	16
80063	A3015660		19	16



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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
80063	A3015661		26	16
80063	A3015662		33	16
80063	A3015663		40	16
80063	A3015666		13	2
80063	A3015667		21	4
80063	A3015668		28	2
80063	A3015669		35	2
80063	A3015693-1		10	10
			17	14
			25	13
			32	13
			39	26
80063	A3015693-2		10	4
			17	7
			25	7
			32	7
			39	21
80063	A3015693-3		10	14
			17	18
			25	10
			32	10
			39	30
80063	A3015693-4		10	7
			17	11
			25	17
			32	17
			39	23
80063	A3015731-2		9	21
			31	24
80063	A3015732-1		9	1
			16	30
			24	29
			31	2
			38	2
80063	A3015732-2		9	22
			16	29
			24	28
			31	1
			38	1
80063	A3015733-1		4	3
			15	3
			23	3
			37	3
80063	A3015733-2		4	16
			15	16
			23	16
			30	16
			37	16
80063	A3015735		4	13
			15	13
			23	13

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	A3015735		30	13
			37	13
80063	A3015742		16	31
80063	A3015743		24	3
80063	A3015744		31	28
80063	A3015745		38	26
80063	A3015762-001		18	22
80063	A3015762-002		8	22
80063	A3015764		8	1
			9	16
			16	18
			24	21
			31	17
			38	25
80063	A3015765-1		10	12
80063	A3015765-10		39	27
80063	A3015765-2		10	11
80063	A3015765-3		17	16
80063	A3015765-4		17	15
80063	A3015765-5		25	15
80063	A3015765-6		25	14
80063	A3015765-7		32	15
80063	A3015765-8		32	14
80063	A3015765-9		39	28
80063	A3015766-1		9	20
80063	A3015766-10		38	18
80063	A3015766-2		9	19
80063	A3015766-3		16	22
80063	A3015766-4		16	23
80063	A3015766-5		24	26
80063	A3015766-6		24	25
80063	A3015766-7		31	23
80063	A3015766-8		31	22
80063	A3015766-9		38	19
80063	A3015774		16	37
80063	A3015776		24	37
80063	A3015782		8	15
			18	15
80063	A3015783		8	11
			18	11
80063	A3015801		8	13
			18	13
80063	A3015859		5	11
80063	A3015937		28	38
80063	A3015963		17	9
80063	A3015964		17	21
80063	A3045312		21	18
80063	A3045410		3	23
80063	A36015366		17	4
56996	A4038004-1		26	45
80204	B1821BH025C100N	5305-00-225-3843	4	7

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80204	B1821BH025C100N	5305-00-225-3843	15	7
			23	7
			30	7
			37	7
24321	B28-1	6130-01-376-2171	16	6
			24	10
56996	B4003506		26	27
56996	B4037502		9	14
			16	24
			24	18
			31	15
			38	14
56996	B4038004-5		26	41
56996	B4038004-1		11	45
			19	45
			33	45
56996	B4038004-2		11	44
			19	44
			26	44
			33	44
			40	44
56996	B4038004-3		11	43
			19	43
			26	43
			33	43
			40	43
56996	B4038004-4		11	42
			19	42
			26	42
			33	42
			40	42
56996	B4038004-5		11	41
			19	41
			33	41
			40	41
56996	B4038004-6		11	40
			19	40
			26	40
			33	40
			40	40
56996	B4038004-7		11	39
			19	39
			26	39
			33	39
			40	39
71744	CM44-11-031-1	6240-01-032-5105	11	31
			24	44
			26	31
			33	31
12457	CR-10-50		17	3
80058	CV-3654/G	5895-01-093-6967	21	13

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80058	CV-3654/G	5895-01-093-6967	28	11
			35	11
80058	CV-3655/G	5895-01-093-6968	2	11
			13	11
81348	FFS92TYPEISTYLE4 S	5305-00-639-4747	16	28
81348	FFS92TYPEISTYLE4		38	23
81349	F02A250V3/4A	5920-00-296-0446	19	32
81349	F02A50V3/4A		11	32
81349	F02A250V1/2A	5920-00-280-8344	16	46
			24	46
81349	F02A250V3/4A	5920-00-296-0446	26	32
			33	32
			40	32
17217	G2S01S01006.0		38	3
17217	G2S01S01016.0		38	24
17217	G2SOIV71006.0		38	12
17217	GZS01V71008.0		38	20
17217	G2S01V71010.0		38	5
28480	HP5087/032/908/C 15		28	10
28480	HP5087A-032/908/ C15		2	10
			13	10
			21	12
28480	HP5087A/032/908/ C15	5895-01-102-0048	35	10
14949	J 13-50		10	6
14949	JSI-56		32	11
14949	JS1-56		10	8
			17	12
			25	11
			39	24
14949	J13-50		17	10
			25	9
			32	9
			39	22
91836	KC-89-42	5985-00-328-4000	10	5
			17	8
81349	LC19GN3		7	8
81349	LH 77/3	6210-00-159-1727	7	6
96906	MS-3114E14-19P		12	2
96906	MS-3114E14-19PW		12	3
96906	MS-3114E14-19PX		12	1
			41	1
96906	MS-3114F14-15S		12	4
			41	4
96906	MS15795-908	5310-00-045-5207	5	21
96906	MS16562-46		15	26
96906	MS21044-N04	5310-00-088-0551	11	1

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS21044-N04	5310-00-088-0551	19	1
			26	1
			33	1
			40	1
96906	MS21044-N3	5310-00-877-5797	3	3
			4	15
			10	2
			11	17
			14	3
			15	15
			16	2
			17	20
			19	17
			22	3
			23	15
			24	6
			25	19
			26	17
			29	3
			30	15
			32	19
			33	17
			36	3
			37	15
39	32			
40	17			
96906	MS21044N04	5310-00-088-0551	6	7
96906	MS21044N08	5310-00-811-3494	5	1
96906	MS21044N3	5310-00-877-5797	7	2
96906	MS21104D7		5	20
96906	MS21318-20	5305-00-253-5614	2	17
			13	17
			21	19
			28	17
			35	17
			9	15
			24	19
96906	MS24693-S2	5305-00-081-6668	38	15
			10	13
			17	17
			25	16
96906	MS24693-S276	5305-00-957-7812	32	16
			39	29
			16	17
			5	12
			5	7
			11	36
			19	36
96906	MS25036-107	5940-00-113-8179	26	36
			33	36
			33	36
			33	36
			40	36
96906	MS25036-108	5940-00-143-4780	11	36
			19	36
			26	36
96906	MS25036-149	5940-00-557-1629	33	36
			33	36
			40	36

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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
96906	MS25036-150	5940-00-113-8184	11	5
			16	35
			19	5
			24	35
			26	5
			33	5
			40	5
96906	MS25036-218	6240-00-155-7836	24	13
96906	MS25237-237		16	38
			24	38
96906	MS25271-F13	5340-00-061-2381	26	19
96906	MS25281-F13		11	19
			19	19
			33	19
			40	19
96906	MS25281-F4	5340-00-943-6041	11	24
			19	24
			26	24
			33	24
			40	24
96906	MS25281-F8	5340-00-896-1082	3	1
			14	1
			22	1
			29	1
			36	1
96906	MS25281F-8	5340-00-896-1082	7	16
96906	MS25338-40	5310-00-809-4058	6	2
96906	MS27183-10		4	5
			11	21
			15	5
			19	21
			23	5
			26	21
			30	5
			33	21
			37	5
		40	21	
96906	M527183-2	5310-00-087-0057	9	10
			16	15
			24	16
			31	11
			38	11
96906	MS27183-3	5310-00-951-4679	8	2
			16	27
			18	2
			24	27
			31	31
			38	22
96906	M527183-4	5310-00-950-1310	6	3
			9	7
			11	2

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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>			
96906	MS27183-4	5310-00-950-1310	16	4			
			19	2			
			24	9			
			26	2			
			31	8			
			33	2			
			38	8			
			40	2			
			96906	MS27183-41	5310-00-765-3197	5	2
						9	13
96906	MS27183-42	5310-00-014-5850	31	14			
			2	5			
96906	MS27183-5	5310-00-983-8483	3	2			
			4	10			
			5	6			
			6	15			
			7	1			
			10	1			
			13	6			
			14	2			
			15	10			
			16	11			
			17	19			
			21	8			
			22	2			
			23	10			
			24	12			
			25	18			
			28	6			
			29	2			
			30	10			
			32	18			
35	6						
36	2						
57	10						
39	31						
96906	MS27183-5	5310-00-983-8483	8	19			
			18	19			
96906	MS27183-6		5	10			
			7	12			
			17	22			
96906	MS3114E14-19P		39	34			
			20	2			
			27	2			
96906	M33114E14-19PW	5935-00-852-4078	34	2			
			41	2			
			20	3			
96906	MS3114E14-19PX		27	3			
			34	3			
			41	3			
96906	MS3114E14-19PX		20	1			

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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
96906	MS3114E14-19PX		27	1
			34	1
96906	MS3114F14-15S		20	4
			27	4
			34	4
96906	MS3367-1-9		2	7
			3	9
			11	25
			12	5
			13	7
			14	9
			19	25
			20	5
			21	9
			22	9
			26	25
			27	5
			28	7
			29	9
			33	25
			34	5
			35	7
			36	9
			40	25
			41	5
96906	MS3367-2-9	5975-00-156-3253	17	2
			25	2
			32	2
			39	10
96906	MS3367-7		7	14
96906	MS34693-S2		31	16
96906	MS35190-223	5305-00-957-6636	11	15
			19	15
			26	15
			33	15
			40	15
96906	MS35190-225	5305-00-957-6264	17	6
			25	8
			32	8
			39	20
96906	MS35190-230	5305-00-958-5456	11	34
			19	34
			26	34
			33	34
			40	34
96906	M535190-236	5305-00-958-5453	8	16
			18	16
96906	MS35190-243	5305-00-957-6638	5	14
96906	MS35190-251	5305-00-958-5473	8	10
			18	10
96906	MS35190-263	5305-00-959-2675	5	15



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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
96906	MS35191-273	5305-00-984-7341	8	21
			18	20
96906	MS35191-274	5305-00-984-7342	6	13
96906	MS35206-204	5305-00-988-1167	16	3
			24	7
96906	MS35206-207	5305-00-954-3938	9	8
			16	13
			24	14
			31	9
			38	9
96906	MS35206-213	5305-00-889-3116	11	14
			19	14
			26	14
			33	14
			40	14
96906	MS35206-215	5305-00-889-2997	11	7
			19	8
			26	8
			33	8
			40	8
96906	MS35206-217	5305-00-889-2999	6	1
			8	4
			9	17
			16	19
			18	4
			24	22
			31	18
			38	16
			9	5
96906	MS35206-218	5305-00-983-6730	16	12
			31	6
			38	6
96906	MS35206-228	5305-00-984-4988	8	17
96906	MS35206-229	5305-00-984-4989	18	17
			7	10
96906	MS35206-245	5305-00-984-6193	9	11
96906	MS35206-249	5305-00-984-6197	31	12
			5	17
96906	MS35207-261	5305-00-990-6444	5	4
96906	MS35207-264	5305-00-989-7435	2	8
			3	10
			4	8
			11	23
			13	8
			14	10
			15	8
			16	10
			19	23
			21	10
			22	10
23	8			

## SECTION IV

TM11-5895-1328-23P

CROSS-REFERENCE INDEXES  
PART NUMBER INDEX

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM			
96906	MS35207-264	5305-00-989-7435	24	11			
			26	23			
			28	8			
			29	10			
			30	8			
			33	23			
			35	8			
			36	10			
			37	8			
			40	23			
			96906	MS35207-265	5305-00-993-1848	2	4
						3	4
						4	11
13	4						
14	4						
15	11						
21	6						
22	4						
23	11						
28	4						
29	4						
30	11						
35	4						
36	4						
37	11						
96906	MS35335-88	5310-00-942-5110	5	25			
96906	MS35338-100	5310-00-261-8278	5	26			
96906	MS35338-39	5310-00-543-5060	6	9			
			9	9			
			16	14			
			24	15			
			31	10			
			38	10			
			96906	MS35338-40	5310-00-543-2410	8	3
						9	6
						11	8
						16	5
18	3						
19	9						
24	8						
26	9						
31	7						
33	9						
96906	MS35338-41	5310-00-045-4007	38	7			
			40	9			
			5	9			
			7	11			
			8	18			
			17	23			
			18	18			
			39	35			

## CROSS-REFERENCE INDEXES

## PART NUMBER INDEX

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS35338-42	5310-00-045-3299	5	18
			9	12
			31	13
96906	MS35338-43	5310-00-045-3296	2	6
			3	5
			4	9
			5	5
			6	16
			11	22
			13	5
			14	5
			15	9
			19	22
			21	7
			22	5
			23	9
			26	22
			28	5
			29	5
30	9			
33	22			
35	5			
36	5			
37	9			
40	22			
96906	MS35338-44	5310-00-582-5965	4	6
			15	6
			23	6
			30	6
			37	6
96906	MS35489-9	5325-00-276-6228	6	11
96906	MS35649-242	5310-00-934-9739	16	16
96906	MS35649-262	5310-00-934-9747	24	17
			17	24
96906	MS35649-262N		39	36
			5	8
96906	MS35650-302	5310-00-934-9751	6	8
96906	MS35650-305B	5310-00-934-9766	5	22
96906	MS51957-17	5305-00-054-5651	8	20
96906	MS51964-9		18	9
			8	9
81349	M15733-0008		18	21
81349	M22885/12-04	6210-00-728-6250	6	5
81349	M22885/9-01		16	41
			24	41
81349	M55629/7-115		16	40
81349	M7928/3-4		24	40
81349	M7928/3-4	5940-01-079-1936	7	4
80058	OU-167/FSQ-158(V)	5895-01-289-4679	7	3
			1	1

**CROSS-REFERENCE INDEXES  
PART NUMBER INDEX**

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80058	OU-169/FSQ-158(V )	5895-01-289-4677	1	3
80058	OU-170/FSQ-158(V )	5895-01-289-4681	1	4
80058	OU-171/FSQ-158(V )	5895-01-289-4680	1	4 5
82389	P-1801		10 17 25 32 39	9 13 12 12 25
12457	PD-20-50	6625-01-041-8034	17 25 39	1 5 8
12457	PD-20-500	6625-01-017-2372	32	5
12457	PD-40-100	6625-01-277-8510	17 39	5 18
12457	PDM-42-10GA	6625-01-373-5859	9 24 31	31 20 25
09992	PF6684-30S		8 18	7 7
18655	PM542		11 19 26 33 40	7 7 7 7 6
12457	QHMT-2-10G		16 31 38	25 21 21
81349	RCR07G122JS	5905-00-131-1255	16 24	8 4
81349	RCR07G750JS	5905-00-106-9357	11 19 26 33 40	11 11 11 11 11
81349	RCR20G333JS	5905-00-104-8330	11 16 19 24 26 33 40	28 39 28 39 28 28 28
54487	RSTM-D-L-1	5985-01-372-8868	16 24	21 24
17217	R2N01N01092.0		13	31
17217	R2N01N01099.0		13	28
17217	R2N01N01102.0		13	40
17217	RZN01N01105.0		13	45

**CROSS-REFERENCE INDEXES**  
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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
17217	R2N01N01111.0		13	24
17217	R2N01N01112.0		13	42
17217	R2N01N01120.0		13	36
17217	R2N01N62078.0		3	24
71482	SJ-0-0D330		19	13
71482	SJ-0-0D330		11	12
			26	13
			33	13
			40	13
80063	SM-B-982566-2		6	14
80063	SM-C-859894		3	8
			6	12
			11	6
			14	8
			16	36
			19	6
			22	8
			24	36
			26	6
			29	8
			33	6
			36	8
			40	6
80063	SM-C-860570-1		4	18
			15	18
			23	18
			30	18
			37	18
80063	SM-C-860838		2	19
			13	19
			21	2
			28	19
			35	19
80063	SM-C-860921	6130-01-075-2159	11	37
			19	37
			26	37
			33	37
			40	37
80063	SM-C-861006		4	12
			15	12
			23	12
			30	12
			37	12
80063	SM-C-982438		11	3
			19	3
			26	3
			33	3
			40	3
80063	SM-D-859872-1		2	13
			13	13
			21	15

**CROSS-REFERENCE INDEXES  
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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
80063	SM-D-859872-1		28	13
			35	13
80063	SM-D-859872-3		21	14
			28	12
			35	12
80063	SM-D-859872-4		2	9
			13	9
			21	11
			28	9
			35	9
80063	SMB552258	5355-00-341-2477	11	27
			19	27
			33	27
			40	27
28520	SR-6P-4	5975-00-246-4906	11	11
			19	12
			26	12
			33	12
			40	12
80058	OU-168/FSQ-158(V		1	2
51510	101103740		9	4
			16	9
			24	2
			31	4
			38	4
58854	120MB	6240-00-939-7859	7	7
91836	1335-2-MA9		9	29
			16	26
			31	33
			38	13
83330	2372		19	10
			40	10
83330	2373	5340-00-925-7343	11	9
			26	10
			33	10
17117	2994-14-1		16	7
			24	5
61706	31-901.2		40	45
61706	31-963.0		11	46
			26	46
			33	46
			40	46
75915	344 125		33	33
75915	344-125		16	45
			19	33
			40	33
75915	344125	5920-00-705-2914	11	33
			24	45
			26	33
81349	37TB-4	5940-00-983-6045	5	13

**CROSS-REFERENCE INDEXES  
PART NUMBER INDEX**

<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
81349	38TB-2	5940-00-983-6115	11	35
			19	35
			26	35
			33	35
			40	35
72619	507-4756-331-500		16	44
			19	31
			40	31
83330	508-8738-504	6210-01-142-0431	11	30
			16	43
			19	30
			24	43
			26	30
			33	30
82877 87034 87034	550272 616-6-1-AIH 616-6-1-AIH		40	30
			5	3
			33	29
			11	29
			16	42
			19	29
			24	42
			26	29
			40	29
			24	23
03554 03554	901--011 901-9011		8	23
			9	18
			16	20
			18	1
			31	32
2V507	90700A202		38	17
			8	14
83330	9184		18	14
			11	4
			19	4
			26	4
			33	4
			40	4

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