

**TECHNICAL MANUAL**

**ORGANIZATIONAL AND DIRECT  
SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS)**

**FOR  
INTERFACE UNIT J-4522/U  
(NSN 5975-01-253-6144)**

**ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)**

**FOR**

**INTERFACE UNIT J-4522/U  
(NSN 5975-01-253-6144)**

**Current as of 15 November 1990**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LM-LT, Fort Monmouth, New Jersey 07703-5000. In either case, a reply will be furnished to you.

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## SECTION I

### INTRODUCTION

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#### 1. Scope

This manual lists and authorizes spares and repair parts; special tooling; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of direct support maintenance of the J-4522/U. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes. NOTE: No items are authorized at the organizational maintenance level.

#### 2. General

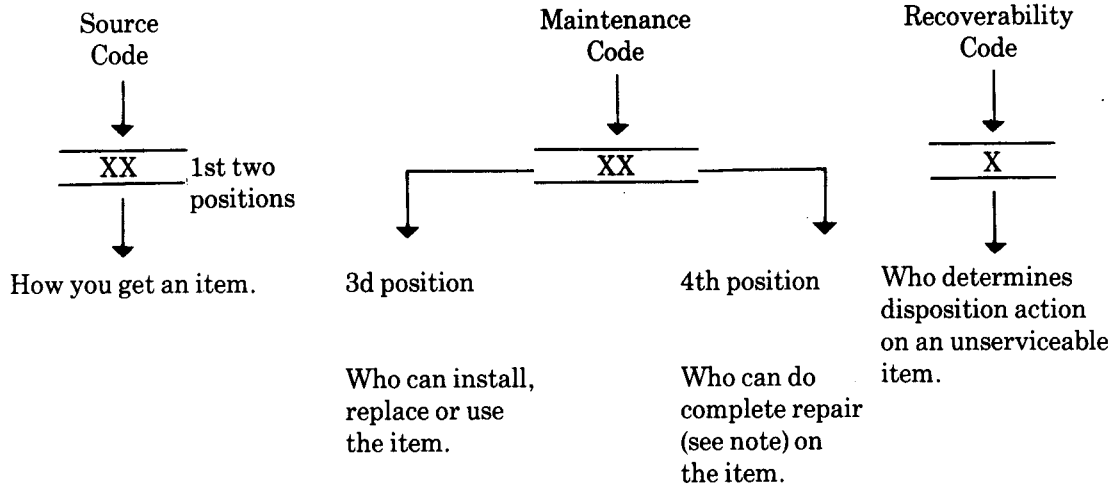
This Repair Parts and Special Tools List is divided into the following sections:

- a. Section II. Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header.
- b. Section III. Special Tools List. Not applicable.
- c. Section IV. Cross-Reference Indexes. A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance. The figure number and item number index lists figure and item numbers in numeric sequence and cross-references National stock number, Commercial and Government Entity Code, and part numbers.

#### 3. Explanation of Columns (Section II and III)

- a. Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

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



**NOTE**

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

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

Explanation

PA  
PB  
PC  
PD  
PE  
PF  
PG

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

**NOTE**

Items coded PC are subject to deterioration.

KD  
KF  
KB

Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.

<u>Code</u>	<u>Explanation</u>
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">                     MO—Made at org/                          AVUM category                      MF—Made at DS/                          AVUM category                      MH—Made at GS                          category                      ML—Made at                          Specialized                          Repair Activity                          (SRA)                      MD—Made at Depot                 </div> <div style="border: 1px solid black; padding: 5px;">                     AO—Assembled by                          org/AVUM                          category                      AF—Assembled by                          DS/AVUM                          category                      AH—Assembled by                          GS category                      AL—Assembled by                          SRA                      AD—Assembled by                          Depot                 </div>	<p>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.</p> <p>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.</p>

**Code**

**Explanation**

- XA - Do not requisition an 'XA' coded item. Order its next higher assembly.
- XB - If an "XEB 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.

**Code**

**Application/Explanation**

- C - Crew or operator maintenance done within organizational or aviation maintenance.
  - O - Organizational or aviation unit category can remove, replace, and use the item.
  - F - Direct support or aviation intermediate category can remove, replace, and use the item.
  - H - General support category can remove, replace, and use the item.
  - L - Specialized repair activity can remove, replace, and use the item.
  - D - Depot category can remove, replace, and use the item.
- (b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following maintenance codes.

**NOTE**

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

**Code**

**Application/Explanation**

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

**Code**

**Application/Explanation**

- Z , Nonreparable. No repair is authorized.
- B - No repair is authorized. (No parts or special tools are authorized for the maintenance of a 'B' coded item. However, the item may be reconditioned by adjusting, lubricating, etc. at the user category.
- (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 SMN Code as follows:

**Recoverability**

**codes**

**Application/Explanation**

- 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.
  - 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. ., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.
- c. CAGEC (Column (3)). The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
- d. Part Number (Column (4)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.



**NOTE**

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

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

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section III.

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

4. Explanation of Columns (Section IV)

a. National Stock Number (NSN) Index.

- (1) Stock number column. This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits).
  - (2) Fig. column. This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and III.
  - (3) Item column. The item number identifies the item associated with the figure listed in the adjacent Fig. column. This item is also identified by the NSN listed on the same line.
- b. Part Number Index. Part numbers in this index are listed by part number in ascending 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.
- c. Figure and Item Number Index.
- (1) Fig. column. This column lists the number of the figure where the item is identified/located in sections II and III.
  - (2) Item column. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.
  - (3) Stock number column. This column lists the National stock number for the item.
  - (4) CAGEC column. The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
  - (5) Part number column. Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by Means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of item.

**5. Special Information**

- a. Associated Publications. The publication listed below pertains to the J-4522/U and its components:  
TM 11-5895-1279-13, Interface Unit J-4522/U
- b. National Stock Numbers. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-MM, Fort Monmouth, NJ 07703-5000 for the part required to support your equipment.

## 6. How to Locate Repair Parts

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

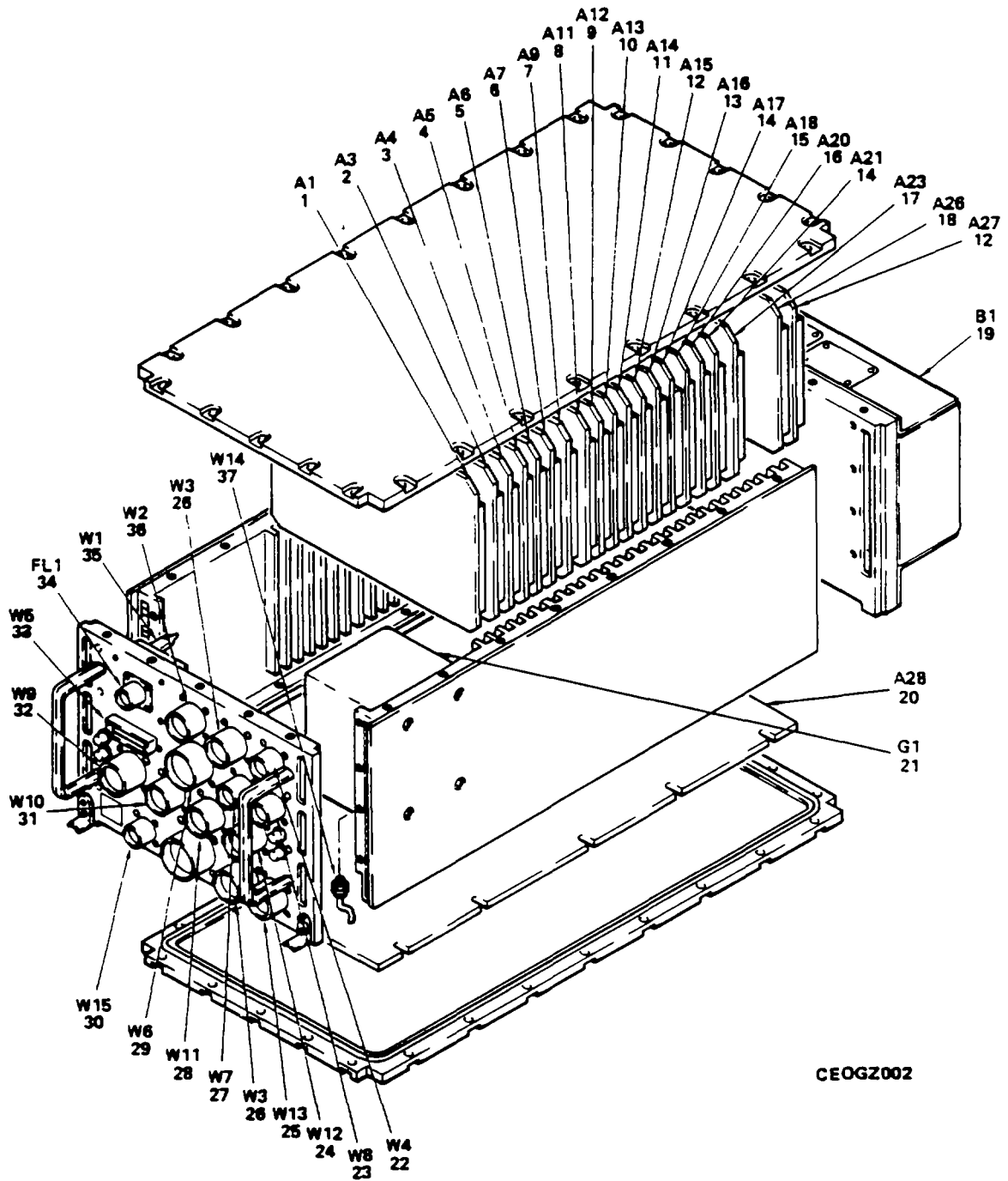
- (1) First. Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.
- (2) Second. Find the figure covering the assembly group or subassembly group to which the item belongs.
- (3) Third. Identify the item on the figure and note the item number
- (4) Fourth. Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.
- (5) Fifth. Refer to the Part Number Index to find the NSN, if assigned.

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(l)). 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.



CEOGZ002

Figure 1. Interface Unit J-4522/U (Sheet 1 of 4)

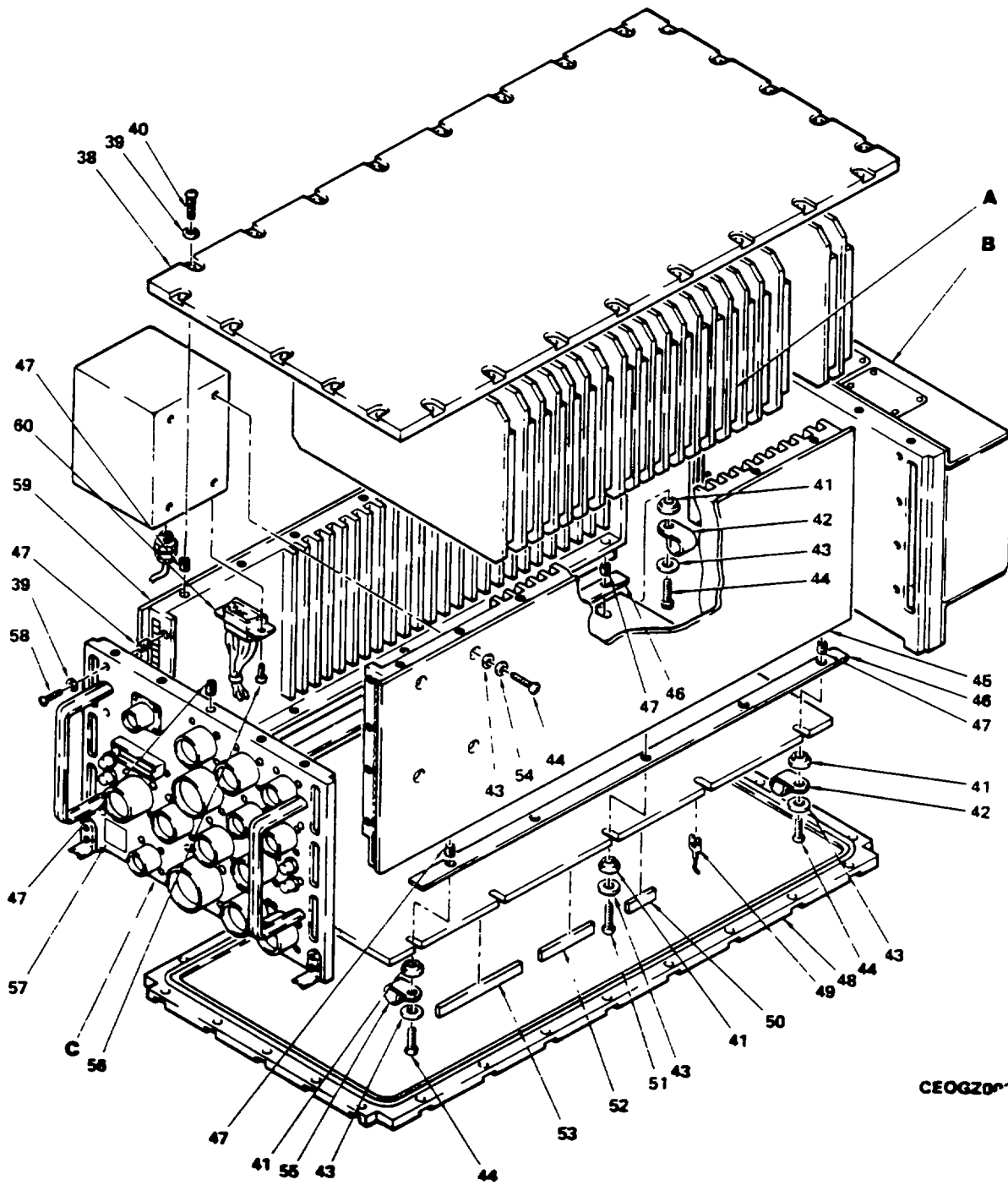
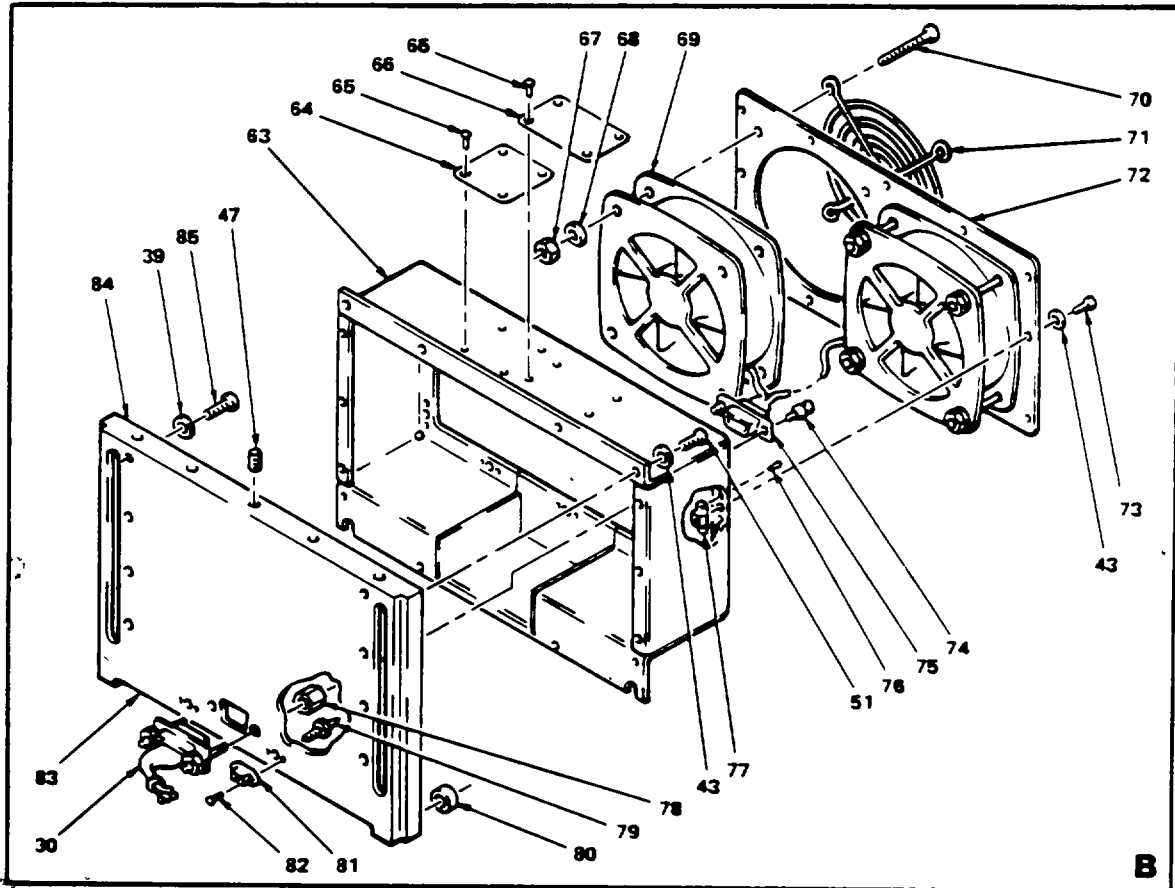
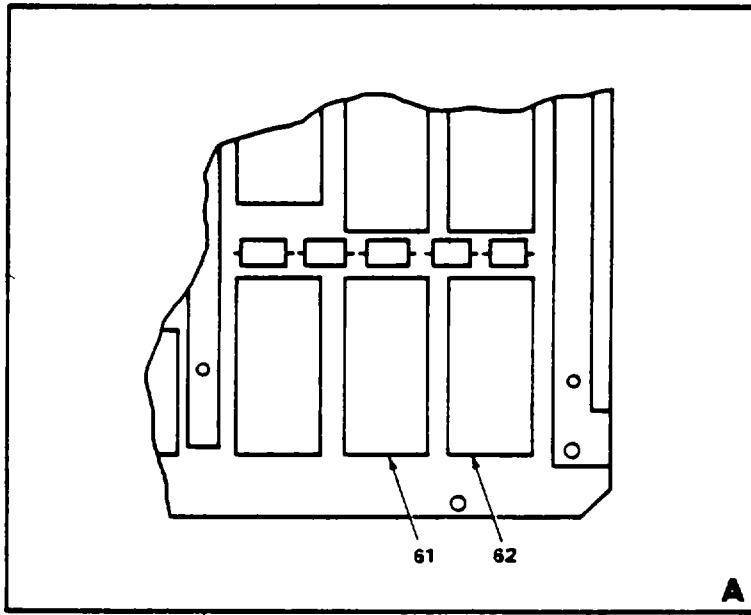


Figure 1. Interface Unit J-4522/U (Sheet 2 of 41)



CEOGZ004

Figure 1. Interface Unit J-4522/U (Sheet 3 of 4)

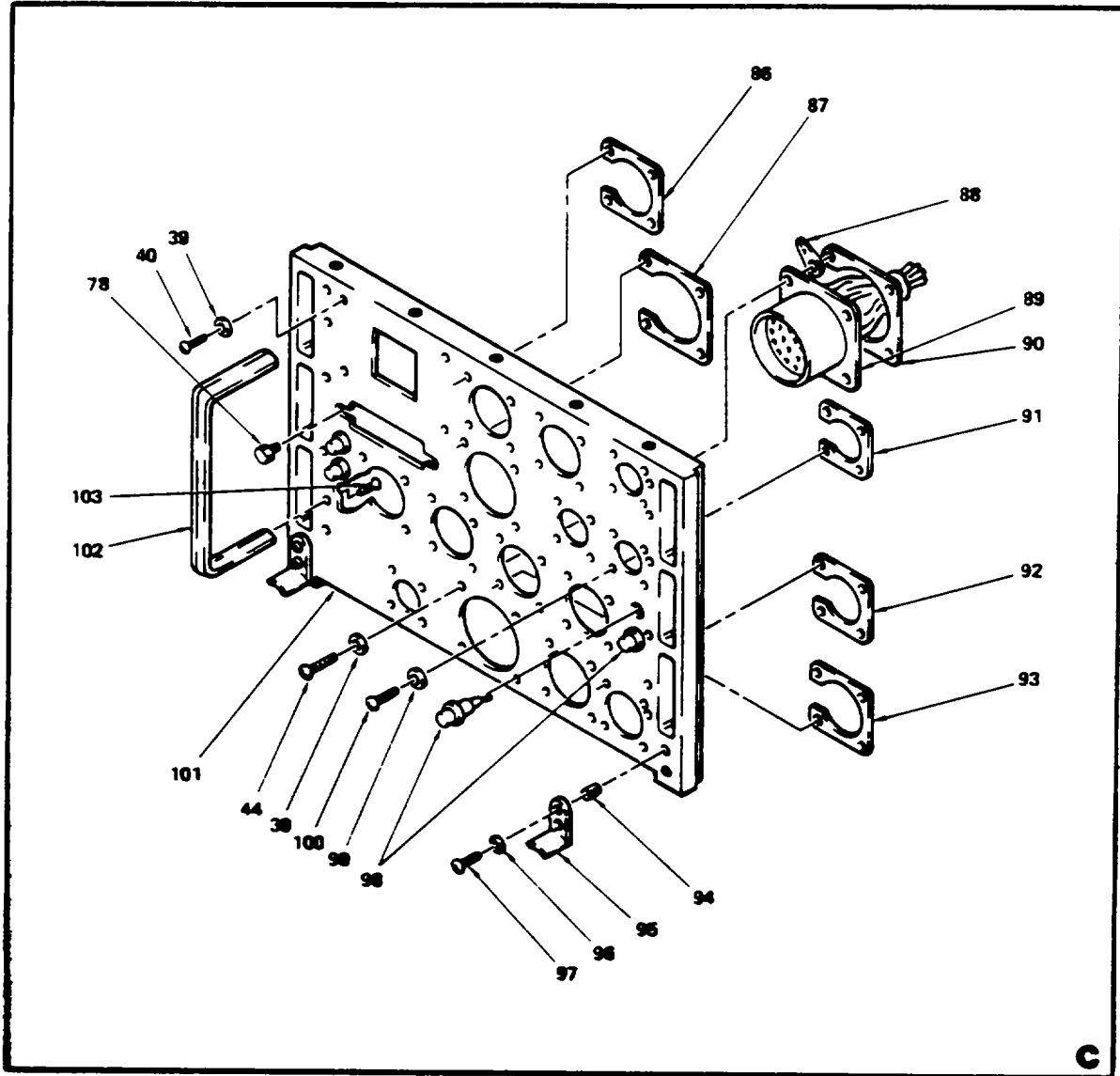


Figure 1. Interface Unit J-4522/U (Sheet 4 of 4)

SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 00 INTERFACE UNIT J-4522/U FIGURE 1					
1	PAFDD	57957	C5116758	CIRCUIT CARD ASSEMB(FOR PARTS ..... BREAKDOWN SEE FIGURE 4) .....	1
2	PAFDD	57957	C5116870	CIRCUIT CARD ASSEMB(FOR PARTS ..... BREAKDOWN SEE FIGURE 14) .....	1
3	PAFDD	57957	C5116763	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 17) .....	1
4	PAFDD	57957	C5116788	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 5) .....	1
5	PAFDD	57957	C5116984	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 18) .....	1
6	PAFDD	57957	C5116793	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 19) .....	1
7	PAFDD	57957	C5116768	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 12) .....	1
8	PAFDD	57957	C5116808	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 15) .....	1
9	PAFDD	57957	C5116778	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 13) .....	1
10	PAFDD	57957	C5116783	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 16) .....	1
11	PAFDD	57957	C5116753	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 3) .....	1
12	PAFDD	80063	SM-D-873904	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 6) .....	2
13	PAFDD	80063	SM-D-873908	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 8) .....	1
14	PAFDD	57957	C5116853	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 7) .....	2
15	PAFDD	57957	C5116888	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 11) .....	1
16	PAFDD	57957	C5116748	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 2) .....	1
17	PAFDD	80063	SM-D-873533	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 10) .....	1
18	PAFDD	80063	SM-D-873900	CIRCUIT CARD ASSEMB (FOR PARTS ..... BREAKDOWN SEE FIGURE 9) .....	1
19	XBFFF	57957	C5117956	FAN ASSEMBLY.....	1
20	PADDD	57957	C5116831	CONNECTOR ASSEMBLY, (FOR PARTS..... BREAKDOWN SEE FIGURE 22) .....	1
21	PAFDD	57957	C5118466	OSCILLATING GROUP .....	1
22	PAFFF	57957	C5116840	CABLE ASSEMBLY,SPEC .....	1
23	PAFFF	57957	C5116844	CABLE ASSEMBLY,SPEC .....	1
24	PAFFF	57957	C5116849	CABLE ASSEMBLY,SPEC .....	1
25	PAFFF	57957	C5116802	CABLE ASSEMBLY,SPEC .....	1
26	PAFFF	57957	C5116839	CABLE ASSEMBLY,SPEC .....	1
27	PAFFF	57957	C5116843	CABLE ASSEMBLY,SPEC .....	1
28	PAFFF	57957	C5116847	CABLE ASSEMBLY,SPEC .....	1
29	PAFFF	57957	C5116842	CABLE ASSEMBLY,SPEC .....	2



## SECTION II

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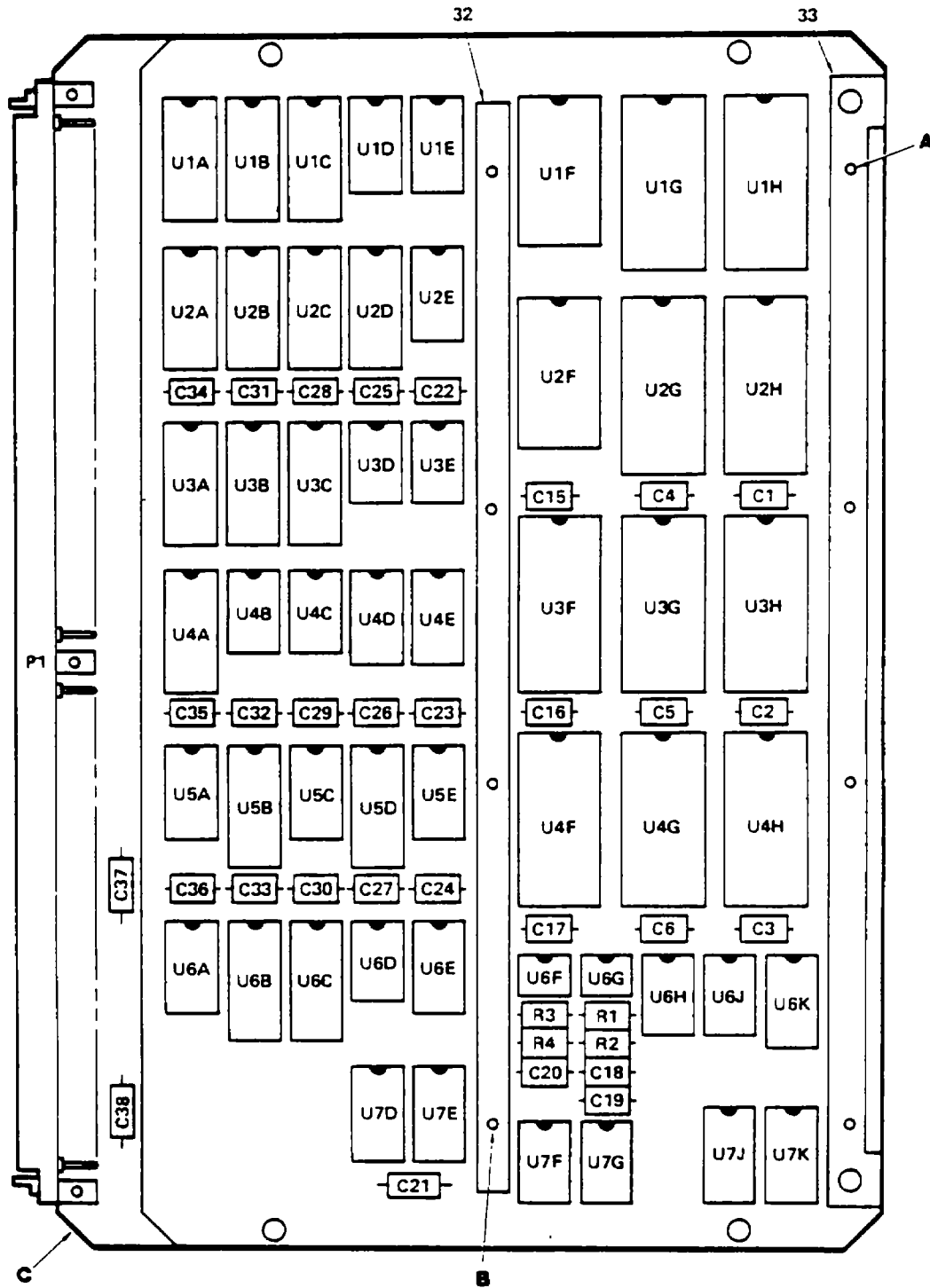
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
30	PAFFF	57957	C5117963	CABLE ASSEMBLY,SPEC .....	1
31	PAFFF	57957	C5116846	CABLE ASSEMBLY,SPEC .....	1
32	PAFFF	57957	C5116845	CABLE ASSEMBLY,SPEC .....	1
33	PAFDD	57957	C5116841	CABLE ASSEMBLY,SPEC .....	1
34	PAFDD	57957	C5116862	FILTER,RADIO FREQUE (FOR PARTS BREAKDOWN SEE FIGURE 20) .....	1
35	PAFFF	57957	C5116837	CABLE ASSEMBLYSPEC .....	1
36	PAFFF	57957	C5116838	CABLE ASSEMBLY,SPEC .....	1
37	PAFFF	57957	C5116805	CABLE ASSEMBLY,SPEC .....	1
38	XBFZZ	57957	C5116830	COVER ASSYTOP .....	1
39	PADZZ	80205	NA5620C6L	WASHER,FLAT .....	80
40	PAFZZ	6906	M51957-27	SCREW,MACHINE.SPEC .....	36
41	PAFZZ	80063	SM-A-874455-2	WASHER,SHOULDER .....	10
42	PAFZZ	80205	NA51397R2	CLAMP,LOOP .....	4
43	PAFZZ	96906	MS15795-805	WASHER,FLAT .....	36
44	PAFZZ	96906	MS51957-29	SCREW,MACHINE .....	17
45	XBDZZ	57957	C5116817	PANEL,COOLING,RH.....	1
46	PADZZ	57957	C5116860	INSULATOR,PLATE .....	2
47	PADZZ	96906	MS21209C0610	INSERT,SCREW THREAD	
121					
48	XBFZZ	57957	C5116833	COVER ASSYBOTTOM .....	1
49	PAFZZ	80063	SM-A-874938	TERMINAL,LUG.....	15
50	XBDZZ	80063	SM-A-874725-3	BUS,BAR .....	27
51	PADZZ	96906	M551957-28	SCREW,MACHINE .....	15
52	PADZA	57957	C5118579	BUS,CONDUCTOR .....	1
53	PADZA	57957	C5118580	BUS,CONDUCTOR .....	4
54	PAFZZ	96906	M535338-136	WASHER,LOCK .....	4
55	PADZZ	80205	NAS1397R5	CLAMP,LOOP.....	1
56	PAFZZ	81349	M24308/25-1	SCREW LOCK ASSY .....	2
57	XBDZZ	57957	C5118128-3	MARKER,CAUTIO .....	1
58	PADZZ	96906	MS5957-32	SCREW,MACHINE .....	
59	XBDZZ	57957	C5116865	PANEL,COOLING,LH .....	1
60	PAFZZ	81349	M24308/1-1	CONNECTOR,RECEPTACL .....	
61	PADZZ	57957	C5118219	MCROCIRCUIT,LINEAR.....	1
62	PADZZ	57957	C5118220	MICROCIRCUIT,LINEAR.....	1
63	XBDZZ	57957	C5117851	HOUSING,MACHINED .....	1
64	XBDZZ	57957	C5116851	CLATE,INFORMATION .....	1
65	PADZZ	96906	MS20470DD4-4	RIVET,ISOLID .....	5
66	MDDZZ	57957	C5116850	PLATE,IDENTIFICATIO.....	1
67	PAFZZ	80205	NA679C06M	NUTSELF-LOCKING,HE .....	
68	PAFZZ	96906	M515795-805	WASHER,FLAT .....	
69	PAFZZ	57957	C5118 049	FA,TUBE AXIAL.....	2
70	PAFZZ	96906	M551957-38	SCREWNMACFINE .....	8
71	XBFZZ	57957	C5118127	GUARD,FAN .....	2
72	XBFZZ	57957	C5117959	PANEL,FAN .....	1
73	PAFZZ	96906	MS51957-30	SCREW,MACHINE .....	12
74	PAFZZ	81349	M24308/25-1	SCREW LOCK ASSY .....	2
75	PAFZZ	81349	M24308/3-1	CONNECTOR,RECEPTACL .....	1
76	PADZZ	96906	MS20426DD3-4	RIVET,SOLID.....	24
77	PAD7Z	96906	MS21069L06	NUT,SELF-LOCKING,PL .....	12
78	PAFZZ	81349	M24308/26-1	GUIDE, ELECTRICAL CO .....	2
79	PADZZ	57957	C5116876	PIN,SHOULDER,HEADLE.....	2
80	PADZZ	57957	C5117286-2	BUSHING,SLEEVE.....	2

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
81	PADZZ	96906	MS21069L08	NUT, SELF-LOCKING, PL .....	2
82	PADZZ	96906	MS20426A3-4	RIVET, SOLID .....	4
83	XBDZZ	57957	C5116825	PANEL, REAR .....	1
84	XBDZZ	57957	C5117965	PANEL ASSY, REAR .....	1
85	PADZZ	96906	MS51957-26	SCREW, MACHINE .....	8
86	PAFZZ	81349	M85528-2-18-A	PLATE, RETAINING, ELE .....	
87	PAFZZ	81349	M85528/2-24-B	PLATE, RETAINING, ELE .....	1
88	PADZZ	96906	M577068-2	TERMINAL, LUG .....	1
89	PADZZ	96906	MS27656T25B29P	CONNECTOR, RECEPTACL .....	1
90	PADZZ	81349	M85528/2-25-A	PLATE, RETAINING, ELE .....	1
91	PAFZZ	81349	M85528/2-12-A	PLATE, RETAINING, ELE .....	4
92	PAFZZ	81349	M85528/2-14-A	PLATE, RETAINING, ELE .....	1
93	PADZZ	81349	M85528/2-20-A	PLATE, RETAINING, ELE .....	1
94	PADZZ	96906	MS21209COF1-15	INSERT, SCREW THREAD .....	4
95	PADZZ	57957	C5116836	HOOK, CASE HOLD DOWN .....	2
96	PADZZ	80205	NAS62OC10L	WASHER, FLAT .....	4
97	PADZZ	96906	M551958-63	SCREW, MACHINE .....	4
98	PAFZZ	57957	C5090281	CONNECTOR, BULKHEAD .....	4
99	PAFZZ	80205	NAS62OC4L	WASHER, FLAT .....	48
100	PAFZZ	96906	MS51957-15	SCREW, MACHINE .....	4B
101	XBDZZ	57957	C5116826	PANEL, FRONT, INTERFA .....	1
102	XBDZZ	57957	C5118131	HANDLE, OVAL BOW .....	2
103	PADZZ	96906	M524693-C53	SCREW, MACHINE .....	4

END OF FIGURE



CEOGZ006

Figure 2. Circuit Card Assembly, IU BUS 1 (A20) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C36	1	U3G	17
C2	1	C37	2	U3H	17
C3	1	C38	2		
C4	1			U4A	12
C5	1	P1	3	U4B	18
C6	1			U4C	18
C7	-	R1	4	U4D	19
C8	-	R2	5	U4E	20
C9	-	R3	5	U4F	17
C10	-	R4	4	U4G	17
C11	-			U4H	17
C12	-	U1A	6		
C13	-	U1B	7	U5A	21
C14	-	U1C	8	U5B	22
C15	1	U1D	9	U5C	23
C16	1	U1E	9	U5D	24
C17	1	U1F	10	U5E	20
C18	1	U1G	11		
C19	1	U1H	11	U6A	9
C20	1			U6B	25
C21	2	U2A	12	U6C	26
C22	1	U2B	12	U6D	27
C23	1	U2C	12	U6E	23
C24	1	U2D	13	U6F	28
C25	1	U2E	9	U6G	28
C26	1	U2F	10	U6H	15
C27	1	U2G	11	U6J	15
C28	1	U2H	11	U6K	29
C29	1				
C30	1	U3A	14	U7D	23
C31	1	U3B	14	U7E	19
C32	1	U3C	12	U7F	19
C33	1	U3D	15	U7G	30
C34	1	U3E	16	U7J	31
C35	1	U3F	17	U7K	31

NOTE. PREFIX ALL REFERENCE DESIGNATIONS WITH A20

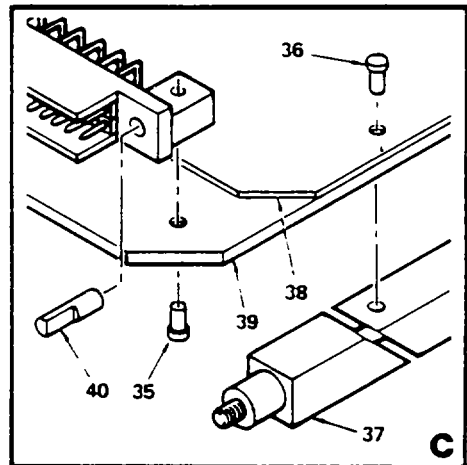
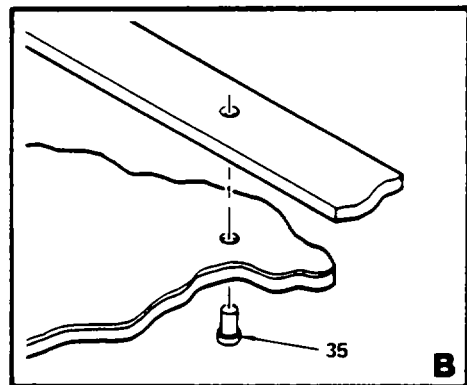
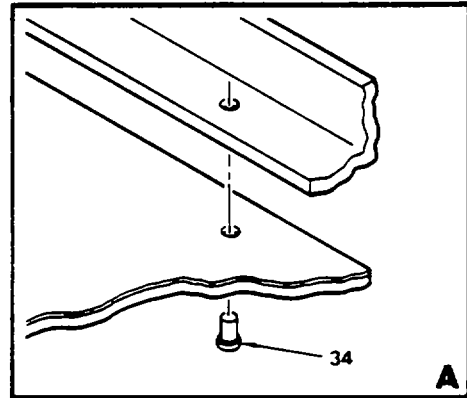


Figure 2. Circuit Card Assembly, IU BUS 1 (A20) Sheet 2 of 2

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 01 CIRCUIT CARD ASSEMBLY, IU BUS 1 (A20) FIGURE 2	
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	27
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	3
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL.....	1
4	PADZZ	81349	RCR05G102JS	RESISTOR, FIXED, COMP .....	2
5	PADZZ	81349	RCR05G104JS	RESISTOR, FIXED, COMP .....	2
6	PADZZ	57957	C5118200	MICROCIRCUIT, DIGITA .....	1
7	PADZZ	57957	C5118201	MICROCIRCUIT, DIGITA .....	1
8	PADZZ	57957	C5118328	MICROCIRCUIT, DIGITA .....	1
9	PADZZ	81349	M8340102M100I1001GB	RESISTOR NETWORK, FI .....	4
10	PADZZ	80063	SM-A-873851	MICROCIRCUIT, BIGITA .....	2
11	PADZZ	80063	SM-A-873852	MICROCIRCUIT, DIGITA .....	4
12	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	5
13	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	1
14	PADZZ	81349	M38510-32803BRB	MICROCIRCUIT, DIGITA .....	2
15	PADZZ	81349	M38510-31302BCB	MICROCIRCUIT, DIGITA .....	3
16	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	80063	SM-A-873378	MICROCIRCUIT, DIGITA .....	6
18	PADZZ	81349	M38510-32901BCB	MICROCIRCUIT, DIGITA .....	2
19	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	3
20	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	2
21	PADZZ	81349	M38510/30106BEX	MICROCIRCUIT, DIGITA .....	1
22	PADZZ	81349	M38510/32502BRX	MICROCIRCUIT, DIGITA .....	1
23	PADZZ	81349	M38510-30109BEB	MICROCIRCUIT, DIGITA .....	3
24	PADZZ	57957	C5118203	MICROCIRCUIT, DIGITA .....	1
25	PADZZ	57957	C5118204	MICROCIRCUIT, DIGITA .....	1
26	PADZZ	57957	C5118205	MICROCIRCUIT, DIGITA .....	1
27	PADZZ	81349	M38510/31004BCX	MICROCIRCUIT, DIGITA .....	1
28	PADZZ	81349	M38510-10901BPB	MICROCIRCUIT, LINEAR .....	2
29	PADZZ	57957	C5117964	JUMPER MODULE ASSY .....	1
30	PADZZ	81349	M8340102M1502GB	RESISTOR NETWORK, FI .....	1
31	PADZZ	57957	C5118469	MICROCIRCUIT, DIGITA .....	2
32	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
33	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK.....	1
34	PADZZ	96906	MS20470A2-5	RIVET, SOLID .....	4
35	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
36	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....	4
37	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
38	XBDZZ	57957	C5116752	HEATSINK, IU BUS 1.....	1
39	XBDZZ	57957	C5116749	MULTIWIRE BD, IU BUS .....	1
40	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

END OF FIGURE

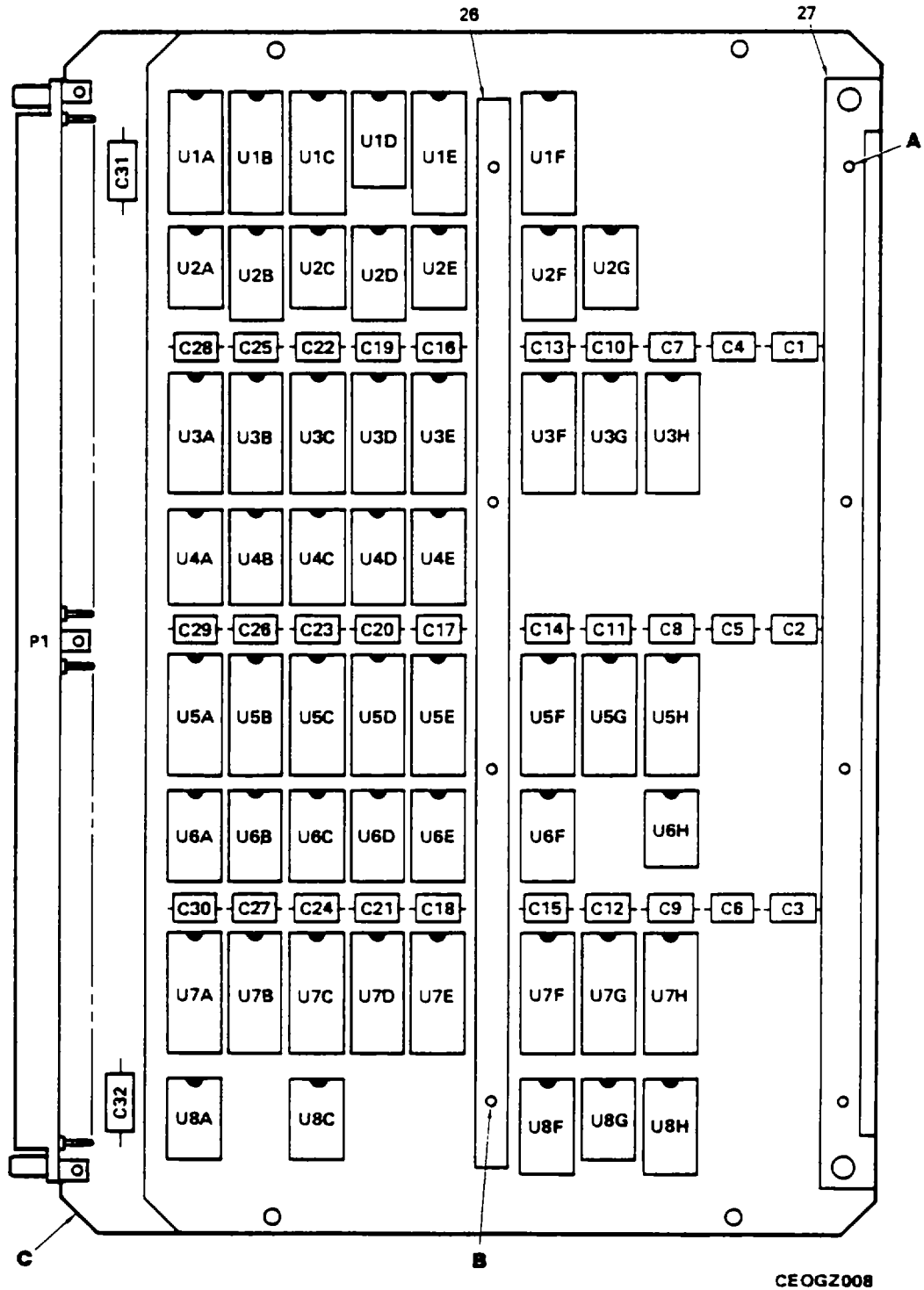
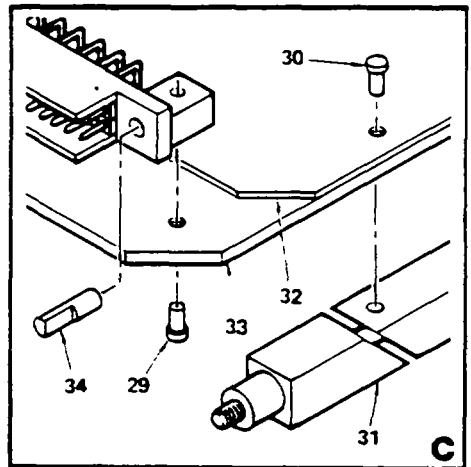
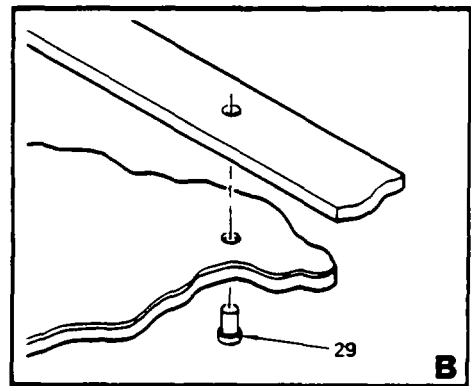
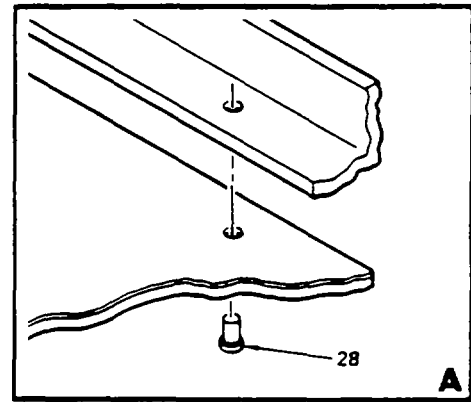


Figure 3. Circuit Card Assembly, IU BUS 2 (A14) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	U2E	5	U5G	-
C2	1	U2F	8	U5H	11
C3	1	U2G	10	U5J	-
C4	1	U2H	10	U5K	11
C5	1				
C6	1	U3A	11	U6A	11
C7	1	U3B	-	U6B	-
C8	1	U3C	11	U6C	11
C9	1	U3D	-	U6D	-
C10	1	U3E	11	U6E	11
C11	1	U3F	11	U6F	11
C12	1	U3G	-	U6G	-
C13	2	U3H	11	U6H	11
C14	2	U3J	-	U6J	-
		U3K	11	U6K	11
P1	3				
		U4A	11		
TP1	4	U4B	-		
		U4C	11		
U1A	5	U4D	-		
U1B	5	U4E	11		
U1C	5	U4F	11		
U1D	5	U4G	-		
U1E	5	U4H	11		
U1F	5	U4J	-		
U1G	-	U4K	11		
U1H	6				
U1J	7	U5A	11		
		U5B	-		
U2A	8	U5C	11		
U2B	8	U5D	-		
U2C	9	U5E	11		
U2D	5	U5F	11		



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A14

Figure 3. Circuit Card Assembly, IU BUS 2 (A14) (Sheet 2 of 2)

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 02 CIRCUIT CARD ASSEMBLY, IU BUS 2 (A14) FIGURE 3					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	30
2	PADZZ	81349	M39003/01-2994	CAPACITOR, FIXED, ELE .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL.....	1
4	PADZZ	57957	C5118529	MICROCIRCUIT, DIGITA .....	19
5	PADZZ	57957	C5118236	MICROCIRCUIT, DIGITA .....	1
6	PADZZ	57957	C5118237	MICROCIRCUIT, DIGITA .....	1
7	PADZZ	81349	M38510-31101BEB	MICROCIRCUIT .....	3
8	PADZZ	81349	M38510/32501BRB	MICROCIRCUIT, DIGITA .....	2
9	PADZZ	81349	M38510/32004BCB	MICROCIRCUIT, DIGITA .....	3
10	PADZZ	14933	7802301EX	MICROCIRCUIT, LINEAR .....	1
11	PADZZ	81349	M38510/30501BCX	MICROCIRCUIT, DIGITA .....	1
12	PADZZ	57957	C5118286	MICROCIRCUIT, DIGITA .....	1
13	PADZZ	57957	C5118238	MICROCIRCUIT, DIGITA .....	1
14	PADZZ	80063	SM-A-873609	MICROCIRCUIT, DIGITA .....	8
15	PADZZ	81349	M8340102M4700JB	RESISTOR NETWORK, FI .....	1
16	PADZZ	81349	M8340102M1001001JB	RESISTOR NETWORK, FI .....	1
17	PADZZ	57957	C5118287	MICROCIRCUIT, DIGITA .....	1
18	PADZZ	57957	C5118288	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	57957	C5090981	MICROCIRCUIT, DIGITA .....	1
20	PADZZ	81349	M38510/30702BCX	MICROCIRCUIT, DIGITA .....	1
21	PADZZ	81349	M38510-32901BCB	MICROCIRCUIT, DIGITA .....	2
22	PADZZ	57957	C5118274	MICROCIRCUIT, DIGITA .....	1
23	PADZZ	81349	M38510-30004BCB	MICROCIRCUIT, DIGITA .....	1
24	PADZZ	81349	M38510-30109BEB	MICROCIRCUIT, DIGITA .....	2
25	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	1
26	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
27	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK.....	1
28	PADZZ	96906	MS20470A2-5	RIVET, SOLID .....	4
29	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
30	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....	4
31	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
32	XBDZZ	57957	C5116757	HEATSINK, IU BUS 2.....	1
33	XBDZZ	57957	C5116754	MULTIWIRE BD, IU BUS .....	1
34	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2



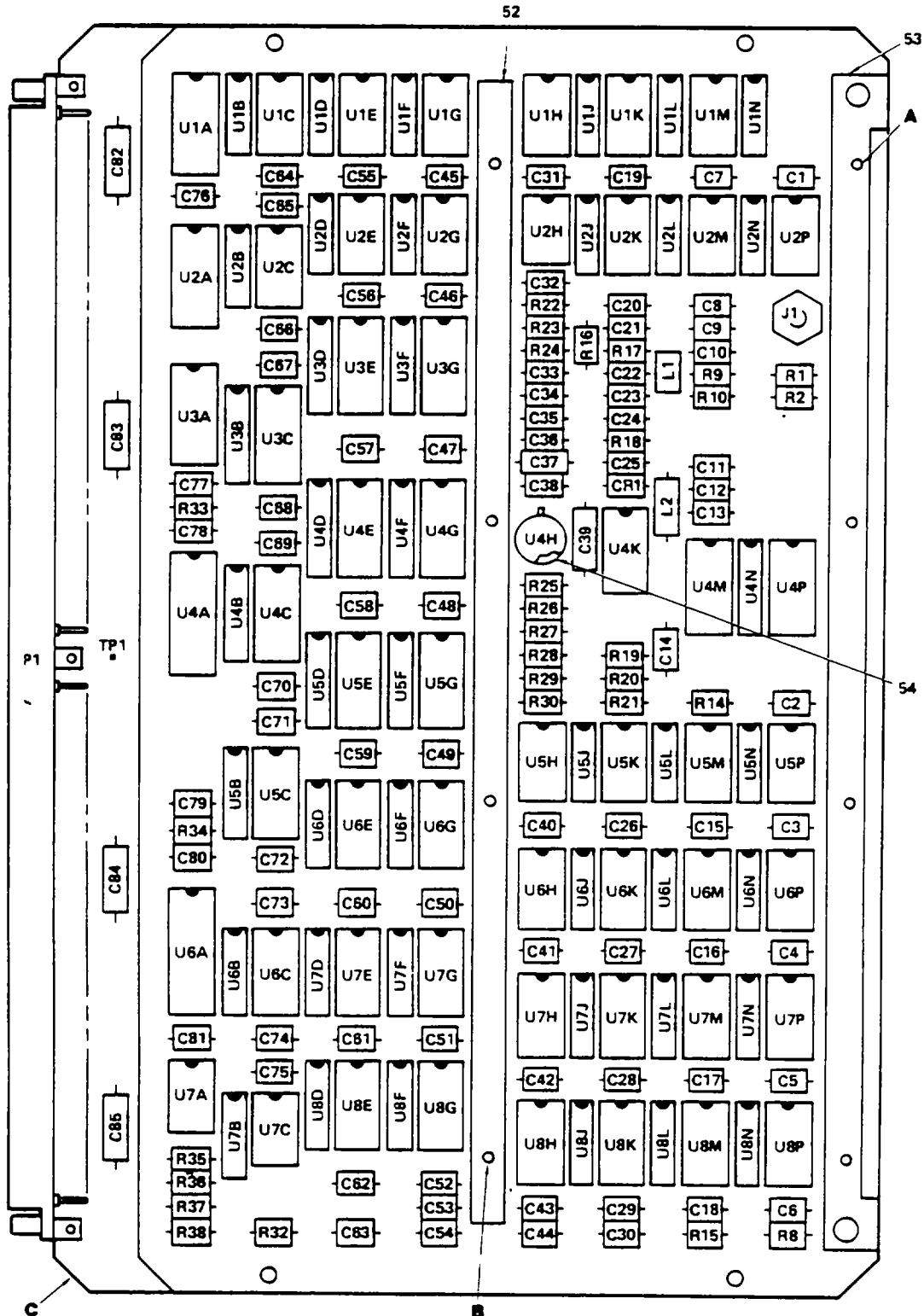


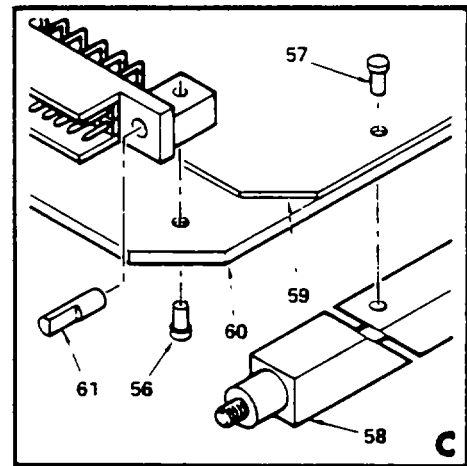
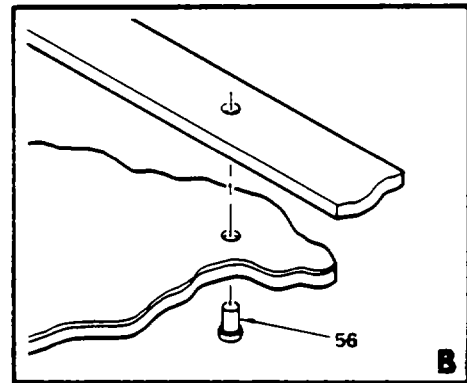
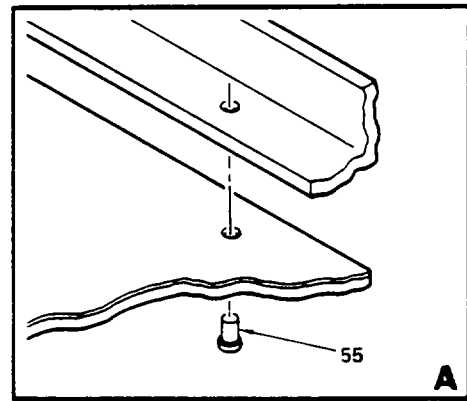
Figure 4. Circuit Card Assembly, MOIA (A1) (Sheet 1 of 3)

REF DES.	ITEM NO	REF DES.	ITEM NO	REF DES.	ITEM NO	REF DES	ITEM NO.	REF DES	ITEM NO
C1	1	C40	1	C79	8	R23	21	U2G	30
C2	1	C41	1	C80	1	R24	21	U2H	35
C3	1	C42	1	C81	1	R25	18	U2J	26
C4	1	C43	1	C82	7	R26	18	U2K	36
C5	1	C44	1	C83	7	R27	18	U2L	37
C6	1	C45	1	C84	7	R28	18	U2M	38
C7	1	C46	1	C85	7	R29	18	U2N	26
C8	1	C47	1			R30	18	U2P	30
C9	1	C48	1	CR1	9	R31	-		
C10	1	C49	1			R32	22	U3A	39
C11	2	C50	1	J1	10	R33	23	U3B	26
C12	1	C51	1			R34	23	U3C	27
C13	2	C52	1	L1	11	R35	20	U3D	26
C14	1	C53	1	L2	12	R36	20	U3E	34
C15	1	C54	1			R37	16	U3F	26
C16	1	C55	1	P1	13	R38	22	U3G	34
C17	1	C56	1						
C18	1	C57	1	R1	14	TP1	24	U4A	33
C19	1	C58	1	R2	15			U4B	26
C20	3	C59	1	R3	-	U1A	25	U4C	27
C21	4	C60	1	R4	-	U1B	26	U4D	26
C22	1	C61	1	R5	-	U1C	27	U4E	40
C23	1	C62	1	R6	-	U1D	26	U4F	26
C24	1	C63	1	R7	-	U1E	28	U4G	40
C25	2	C64	1	R8	16	U1F	26	U4H	41
C26	1	C65	1	R9	17	U1G	29	U4K	42
C27	1	C66	1	R10	17	U1H	30	U4M	43
C28	1	C67	1	R11	-	U1J	26	U4N	44
C29	1	C68	1	R12	-	U1K	31	U4P	34
C30	1	C69	1	R13	-	U1L	26		
C31	1	C70	1	R14	18	U1M	32	U5B	26
C32	1	C71	1	R15	16	U1N	26	U5C	27
C33	3	C72	1	R16	19			U5D	26
C34	4	C73	1	R17	20	U2A	33	U5E	34
C35	1	C74	1	R18	19	U2B	26	U5F	26
C36	5	C75	1	R19	18	U2C	27	U5G	34
C37	6	C76	1	R20	18	U2D	26	U5H	32
C38	1	C77	1	R21	18	U2E	34	U5J	26
C39	7	C78	8	R22	19	U2F	26	U5K	36

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Figure 4. Circuit Card Assembly, TOIA (A1) (Sheet 2 of 3)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	R4	4	U4H	17
C2	1	R5	4	U4J	12
C3	1	R6	4	U4K	-
C4	1	R7	4		
C5	1			U5A	18
C6	1	U1A	-	U5B	15
C7	1	U1E	5	U5C	15
C8	1	U1F	6	U5D	15
C9	1	U1G	7	U5E	19
C10	1	U1J	8	U5F	15
C11	1			U5G	16
C12	1	U2A	-	U5H	15
C13	1	U2E	9	U5J	-
C14	1	U2F	6	U5K	-
C15	1	U2G	10		
C16	1	U2H	11	U6A	18
C17	1	U2J	12	U6B	13
C18	1	U2K	11	U6C	13
C19	1			U6D	15
C20	1	U3A	13	U6E	15
C21	1	U3B	-	U6F	15
C22	1	U3C	14	U6G	16
C23	1	U3D	14	U6H	20
C24	1	U3E	14	U6J	13
C25	1	U3F	15	U6K	-
C26	1	U3G	16		
C27	1	U3H	17	U7A	21
C28	1	U3J	10	U7B	21
C29	1	U3K	10	U7C	21
C30	2			U7D	21
C31	2	U4A	13	U7E	15
		U4B	13	U7F	15
P1	3	U4C	13	U7G	22
		U4D	15	U7H	22
R1	4	U4E	15	U7J	22
R2	4	U4F	15	U7K	22
R3	4	U4G	16		



NOTE PREFIX ALL REFERENCE DESIGNATIONS WITH AI

Figure 4. Circuit Card Assembly, TOIA (AI) (Sheet 3 of 3)

SECTION II

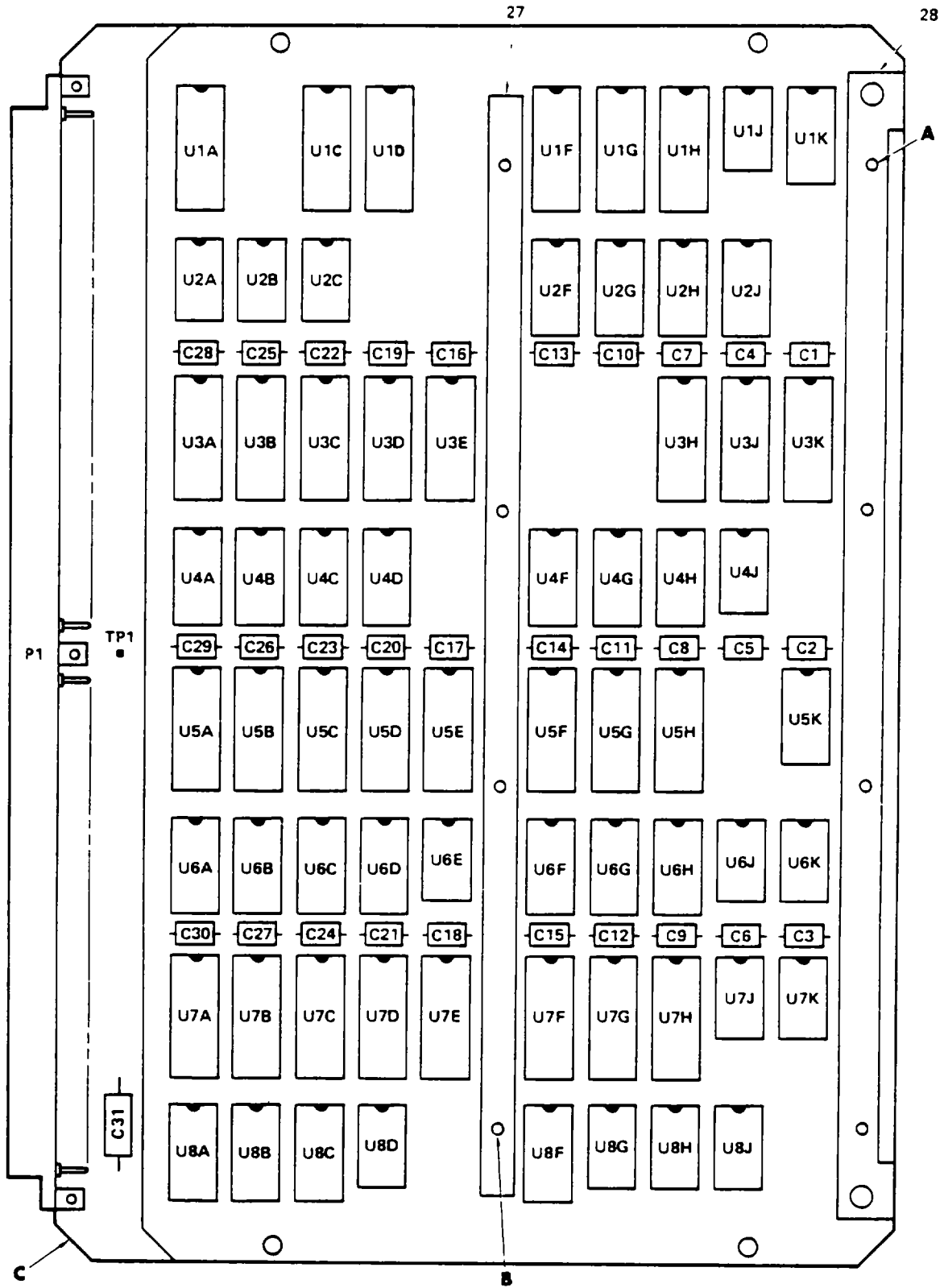
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC) GROUP 03 CIRCUIT CARD ASSEMBLY, TOIA (A1) FIGURE 4	(6) QTY
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED.....	69
2	PADZZ	81349	CK12BX102M	CAPACITOR, FIXED, CER.....	3
3	PADZZ	81349	M39014/05-2025	CAPACITOR, FIXED.....	2
4	PADZZ	81349	M39014/05-2245	CAPACITOR, FIXED, CER.....	2
5	PADZZ	81349	M39014/05-2010	CAPACITOR, FIXED.....	1
6	PADZZ	81349	CMR04C5RODPDR	CAPACITOR, FIXED, MIC.....	1
7	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED.....	5
8	PADZZ	81349	M39014/05-2007	CAPACITOR, FIXED.....	2
9	PADZZ	81349	JANTX1N5461	SEMICONDUCTOR, DIODE.....	1
10	PADZZ	81349	M390125/95-0003	CONNECTOR, ELECTICAL.....	1
11	PADZZ	96906	MS21423-01	COIL, RADIO FREQUENC.....	1
12	PADZZ	96906	MS75083-5	COIL, RADIO FREQUENC.....	1
13	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL.....	1
14	PADZZ	81349	RCR05G271JS	RESISTOR, FIXED, COMP.....	1
15	PADZZ	81349	RCRO05G470JS	RESISTOR, FIXED, COMP.....	1
16	PADZZ	81349	RCR05G121JS	RESISTOR, FIXEDCOMP.....	3
17	PADZZ	81349	RCR05G510JS	RESISTOR, FIXED, COMP.....	2
18	PADZZ	81349	RCR05G511JS	RESISTOR, FIXED, COMP.....	10
19	PADZZ	81349	RCR05G271JS	RESISTOR, FIXED, COMP.....	1
20	PADZZ	81349	RCR05G102JS	RESISTOR, FIXED, COMP.....	3
21	PADZZ	81349	RCR05G392JS	RESISTOR, FIXED, COMP.....	2
22	PADZZ	81349	RCR05G472JS	RESISTOR, FIXED, COMP.....	2
23	PADZZ	81349	RCR05G202JS	RESISTOR, FIXED, COMP.....	2
24	PADZZ	57957	C5118465	CONTACT, ELECTRICAL.....	1
25	PADZZ	81349	M38510/32403BRB	MICROCIRCUITDIGITA.....	1
26	PADZZ	81349	M8340108H5100JC	RESISTOR, NETWORK, FI.....	39
27	PADZZ	81349	M38510-06302BEB	MICROCIRCUIT, DIGITA.....	8
28	PADZZ	81349	M38510-06201BEB	MICROCIRCUIT, DIGITA.....	2
29	PADZZ	81349	M38510/06003BEB	MICROCIRCUITDIGITA.....	1
30	PADZZ	81349	M38510/06002BEB	MICROCIRCUIT, DIGITA.....	3
31	PADZZ	81349	M38510/06004BEB	MICROCIRCUIT, DIGITA.....	2
32	PADZZ	81349	M38510/06102BEB	MICROCIRCUIT, DIGITA.....	5
33	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA.....	3
34	PADZZ	81349	M38510-06101BEB	MICROCIRCUIT, DIGITA.....	8
35	PADZZ	57957	C5118530	MICROCIRCUIT, DIGITA.....	1
36	PADZZ	57957	C5118549	MICROCIRCUIT, DIGITA.....	2
37	PADZZ	81349	M8340108H2700JC	RESISTOR, NETWORK, FI.....	1
38	PADZZ	14933	7801901EX	MICROCIRCUIT, LINEAR.....	1
39	PADZZ	81349	M38510-31402BEB	MICROCIRCUIT, DIGITA.....	1
40	PADZZ	57957	C5118535	MICROCIRCUIT, DIGITA.....	
41	PADZZ	80063	SM-A-874656	MICROCIRCUIT, LINEAR.....	1
42	PADZZ	57957	C5118531	MICROCIRCUIT, DIGITA.....	1
43	PADZZ	57957	C5118399	MICROCIRCUIT, DIGITA.....	1
44	PADZZ	81349	M8340108H1501JC	RESISTOR, NETWORK, FI.....	1
45	PADZZ	81349	M8340108HIO11JC	RESISTOR, NETWORK, FI.....	1
46	PADZZ	81349	M38510/30102BCX	MICROCIRCUIT, DIGITA.....	1
47	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA.....	1

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
48	PADZZ	57957	C5118534	MICROCIRCUIT,DIGITA .....	1
49	PADZZ	81349	M38510-06301BEB	MICROCIRCUIT,DIGITA .....	2
50	PADZZ	67268	7802002EA	MICROCIRCUIT,LINEAR.....	1
51	PADZZ	57957	C5118533	MICROCIRCUIT,DIGITA .....	1
52	XBDZZ	80063	SM-C-873583	STIFFENER,HEATSINK .....	1
53	XBDZZ	80063	SM-C-873581	STIFFENER,HEATSINK .....	1
54	PADZZ	81349	M38527/05-001D	MOUNTING PAD,ELECTR.....	1
55	PADZZ	96906	MS20470A2-5	RIVET,SOLID.....	4
56	PADZZ	96906	MS20470A2-6	RIVET,SOLID.....	7
57	PADZZ	96906	MS20426A2-5	RIVET,SOLID.....	4
58	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR,EL .....	2
59	XBDZZ	57957	C511§762	HEATSINK,TOIA.....	1
60	XBDZZ	57957	C5116759	MULTIWIRE BD,TOIA .....	1
61	PADZZ	81349	M28754/24-01	GUIDE,ELECTRICAL CO .....	2

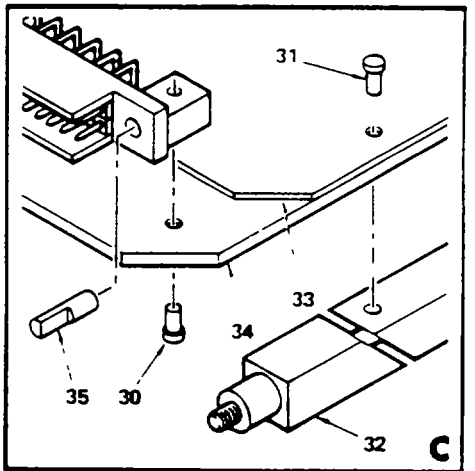
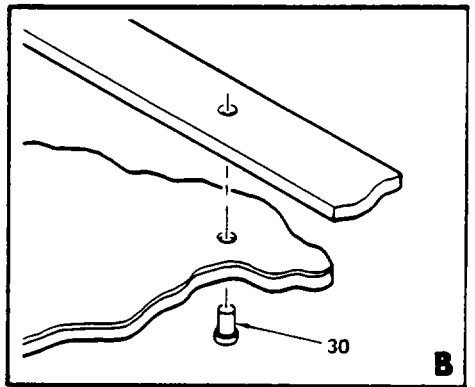
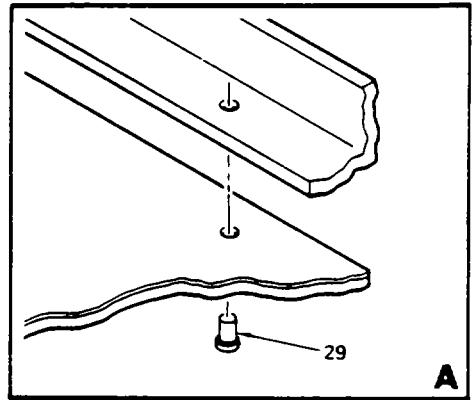
END OF FIGURE



CEOGZ013

Figure 5. Circuit Card Assembly, TOIB (A4) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	TP1	4	U4A	14	U7A	5
C2	1			U4B	14	U7B	6
C3	1	U1A	5	U4C	14	U7C	6
C4	1	U1B	-	U4D	14	U7D	6
C5	1	U1C	6	U4E	-	U7E	6
C6	1	U1D	7	U4F	15	U7F	5
C7	1	U1E	-	U4G	16	U7G	5
C8	1	U1F	6	U4H	16	U7H	5
C9	1	U1G	6	U4J	17	U7J	21
C10	1	U1H	6			U7K	22
C11	1	U1J	8	U5A	5		
C12	1	U1K	9	U5B	6	U8A	14
C13	1			U5C	6	U8B	14
C14	1	U2A	10	U5D	6	U8C	14
C15	1	U2B	10	U5E	6	U8D	23
C16	1	U2C	11	U5F	6	U8E	-
C17	1	U2D	-	U5G	6	U8F	24
C18	1	U2E	-	U5H	6	U8G	11
C19	1	U2F	12	U5J	-	U8H	25
C20	1	U2G	12	U5K	18	U8J	26
C21	1	U2H	12				
C22	1	U2J	12	U6A	14		
C23	1			U6B	14		
C24	1	U3A	5	U6C	14		
C25	1	U3B	6	U6D	14		
C26	1	U3C	6	U6E	8		
C27	1	U3D	6	U6F	12		
C28	1	U3E	6	U6G	19		
C29	1	U3F	-	U6H	19		
C30	1	U3G	-	U6J	17		
C31	2	U3H	13	U6K	20		
		U3J	6				
P1	3	U3K	6				



NOTE PREFIX ALL REFERENCE DESIGNATIONS WITH A4

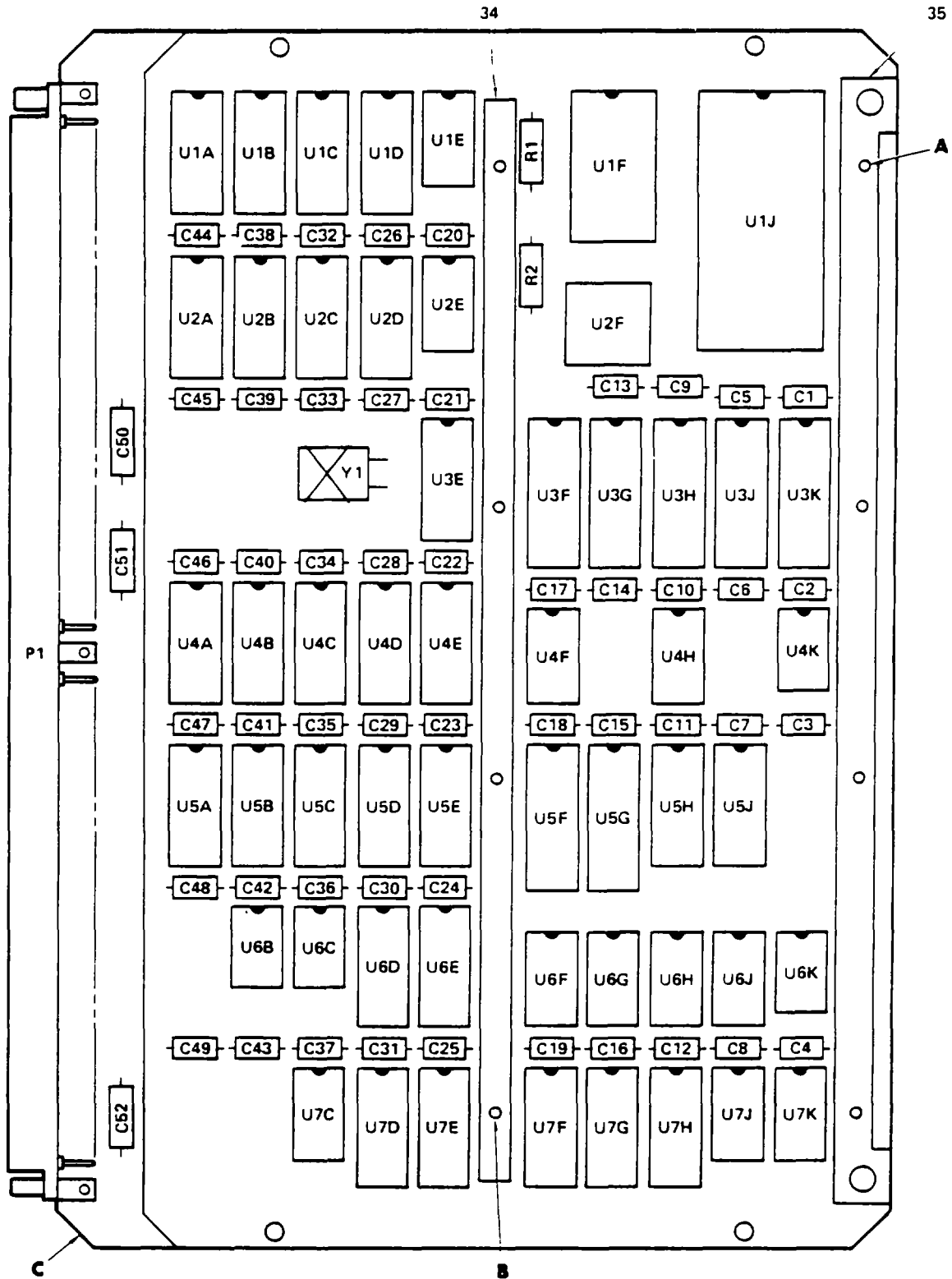
Figure 5. Circuit Card Assembly, TIB (A4) (Sheet 2 of 2)

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 04 CIRCUIT CARD ASSEMBLY, TOIB (A4) FIGURE 5	
1	PADZZ	81349	M39014/05-2255	CAPACITOR, FIXED, CER .....	30
2	PADZZ	81349	M39003/01-2524	CAPACITOR, FIXED .....	1
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
5	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	7
6	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	21
7	PADZZ	57957	C5118347	MICROCIRCUIT, DIGITA .....	1
8	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	2
9	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	1
10	PADZZ	81349	M38510/30102BCX	MICROCIRCUIT, DIGITA .....	2
11	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	2
12	PADZZ	80063	SM-A-873609	MICROCIRCUIT, DIGITA .....	5
13	PADZZ	57957	C5118229	MICROCIRCUIT, DIGITA .....	1
14	PADZZ	81349	M38510-31504BEB	MICROCIRCUIT, DIGITA .....	11
15	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	1
16	PADZZ	81349	M38510-31202BEB	MICROCIRCUIT, DIGITA .....	2
17	PADZZ	81349	M38510/30302BCX	MICROCIRCUIT, DIGITA .....	2
18	PADZZ	81349	M38510/30106BEX	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	81349	M38510-31101BEB	MICROCIRCUIT .....	2
20	PADZZ	81349	M38510/31004BCX	MICROCIRCUIT, DIGITA .....	1
21	PADZZ	81349	M38510-30005BCB	MICROCIRCUIT, DIGITA .....	1
22	PADZZ	81349	M38510-30007BCB	MICROCIRCUIT, DIGITA .....	1
23	PADZZ	81349	M38510-07001BCB	MICROCIRCUIT, DIGITA .....	1
24	PADZZ	81349	M38510/30702BCX	MICROCIRCUIT, DIGITA .....	1
25	PADZZ	81349	M38510/32301BCB	MICROCIRCUIT, DIGITA .....	1
26	PADZZ	81349	M38510-30301BCB	MICROCIRCUIT, DIGITA .....	1
27	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....	1
28	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK .....	1
29	PADZZ	96906	M20470A2-5	RIVET, SOLID .....	
30	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
31	PADZZ	96906	M20426A2-5	RIVET, SOLID .....	4
32	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
33	XBDZZ	57957	C5116766	HEATSINK, TOIB .....	1
34	XBDZZ	57957	C5116764	MULTIWIRE BD, TOIB .....	1
35	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2





CEOGZ015

Figure 6. Circuit Card Assembly, 1553 IF JA15, A27) (Sheet 1 of 2)

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A15,A27.

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C43	1	U3K	19	U7J	32
C2	1	C44	1			U7K	32
C3	1	C45	1	U4A	20		
C4	1	C46	1	U4B	8	Y1	33
C5	1	C47	1	U4C	8		
C6	1	C48	1	U4D	8		
C7	1	C49	1	U4E	21		
C8	1	C50	2	U4F	22		
C9	1	C51	2	U4G	-		
C10	1	C52	3	U4H	23		
C11	1			U4J	-		
C12	1	P1	4	U4K	24		
C13	1						
C14	1	R1	5	U5A	20		
C15	1	R2	5	U5B	8		
C16	1			U5C	8		
C17	1	U1A	6	U5D	8		
C18	1	U1B	7	U5E	21		
C19	1	U1C	7	U5F	25		
C20	1	U1D	8	U5G	26		
C21	1	U1E	9	U5H	21		
C22	1	U1F	10	U5J	21		
C23	1	U1G	-				
C24	1	U1H	-	U6A	-		
C25	1	U1J	11	U6B	24		
C26	1			U6C	27		
C27	1	U2A	6	U6D	7		
C28	1	U2B	7	U6E	6		
C29	1	U2C	7	U6F	28		
C30	1	U2D	12	U6G	28		
C31	1	U2E	9	U6H	28		
C32	1	U2F	13	U6J	28		
C33	1			U6K	29		
C34	1	U3A	-				
C35	1	U3B	-	U7A	-		
C36	1	U3C	-	U7B	-		
C37	1	U3D	-	U7C	23		
C38	1	U3E	14	U7D	7		
C39	1	U3F	15	U7E	6		
C40	1	U3G	16	U7F	6		
C41	1	U3H	17	U7G	30		
C42	1	U3J	18	U7H	31		

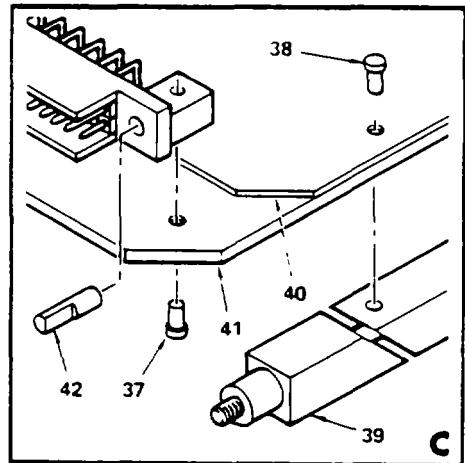
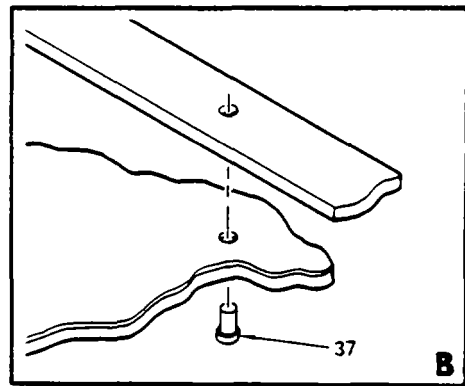
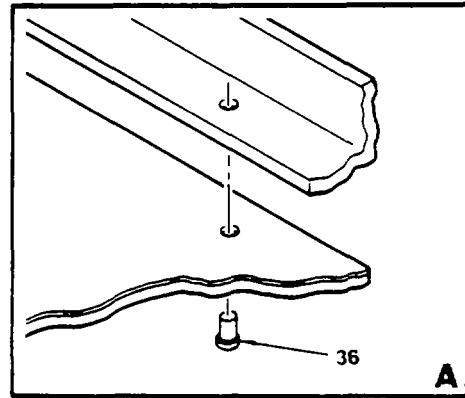


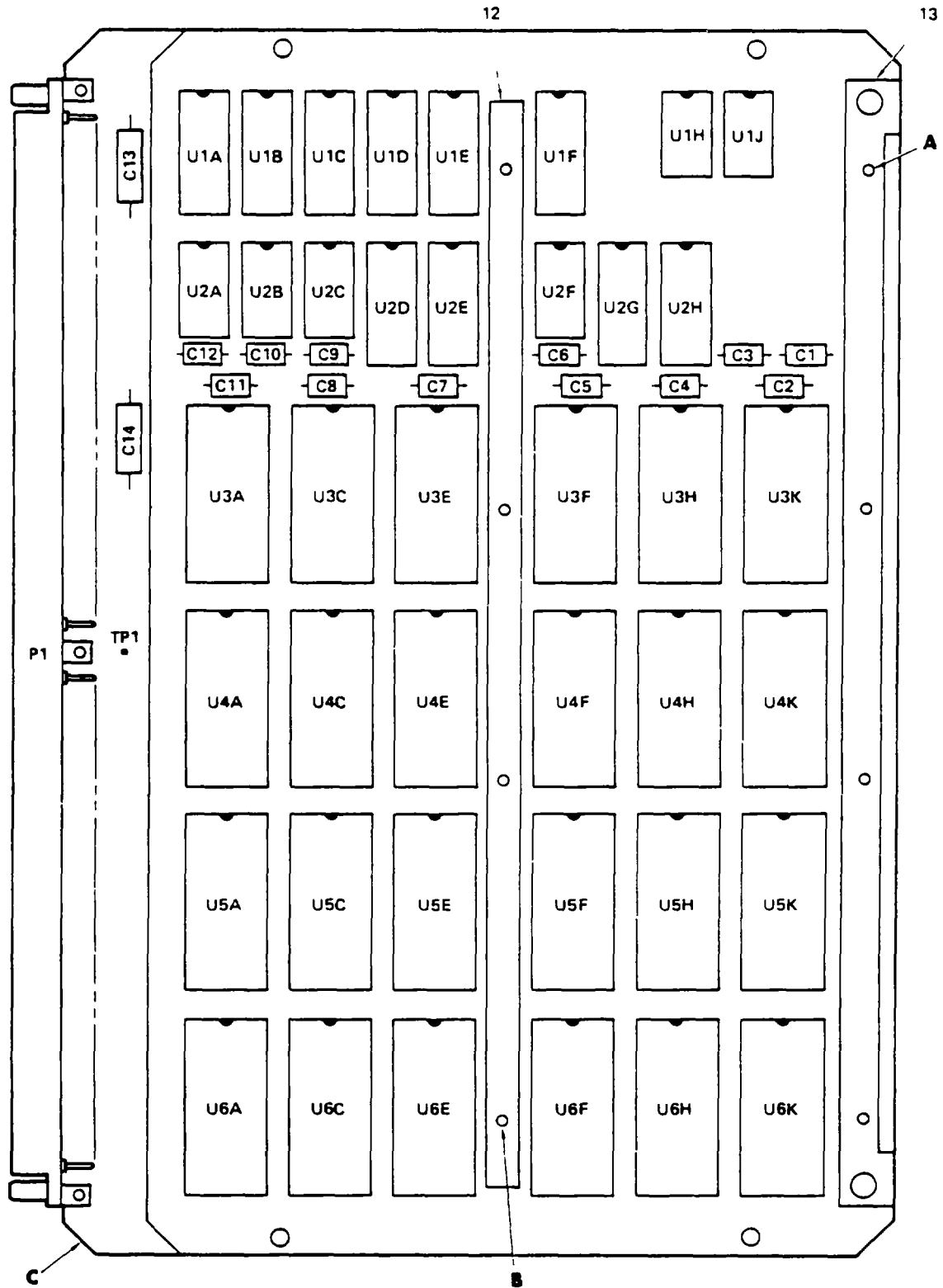
Figure 6. Circuit Assembly, 1553 if (A15,A27) (Sheet 2 of 2)

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 05 CIRCUIT CARD ASSEMBLY, 1553 IF (A15,A27) FIGURE 6	
1	PADZZ	81349	M39014/05-2855	CAPACITOR, FIXED.....	49
2	PADZZ	81349	M39003/02-0149	CAPACITOR, FIXED, ELE .....	2
3	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED.....	1
4	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
5	PADZZ	81349	RNR60C56R2FS	RESISTOR, FIXED, FILM .....	2
6	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	5
7	PADZZ	80063	SM-A-873863	MICROCIRCUIT, DIGITA .....	6
8	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	7
9	PADZZ	81349	M38510/30906BEB	MICROCIRCUIT, DIGITA .....	2
10	PADZZ	57957	C5118681	MICROCIRCUIT, DIGITA .....	1
11	PADZZ	57957	C5118492	MICROCIRCUIT, DIGITA .....	1
12	PADZZ	81349	M38510/32401BRB	MICROCIRCUIT, DIGITA .....	1
13	PADZZ	57957	C5118427	TRANSFORMER, DATABUS .....	1
14	PADZZ	57957	C5118174	MICROCIRCUIT, DIGITA .....	1
15	PADZZ	57957	C5118192	MICROCIRCUIT, DIGITA .....	1
16	PADZZ	57957	C5118193	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	57957	C5118194	MICROCIRCUIT, DIGITA .....	1
18	PADZZ	57957	C5118345	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	57957	C5118196	MICROCIRCUIT, DIGITA .....	1
20	PADZZ	81349	M38510-32803BRB	MICROCIRCUIT, DIGITA .....	2
21	PADZZ	81349	M38510/32501BRB	MICROCIRCUIT, DIGITA .....	4
22	PADZZ	81349	M8340102M4701JB	RESISTOR NETWORK, FI .....	1
23	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	2
24	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	2
25	PADZZ	57957	C5118197	MICROCIRCUIT, DIGITA .....	1
26	PADZZ	57957	C5118277	MICROCIRCUIT, DIGITA .....	1
27	PADZZ	81349	M38510/3501BCX	MICROCIRCUIT, DIGITA .....	1
28	PADZZ	57957	C5118197	MICROCIRCUIT, DIGITA .....	4
29	PADZZ	81349	M38510/30001BCX	MICROCIRCUITDIGITA .....	1
30	PADZZ	57957	C5118337	MICROCIRCUIT, DIGITA .....	1
31	PADZZ	57957	C5118338	MICROCIRCUIT, DIGITA .....	1
32	PADZZ	81349	M38510-31504BEB	MICROCIRCUIT, DIGITA .....	2
33	PADZZ	81349	CR64/U 12.0MHZ	CRYSTAL UNIT, QUARTZ .....	1
34	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....	1
35	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK .....	1
36	PADZZ	96906	M520470A2-5	RIVET, SOLID.....	4
37	PADZZ	96906	M520470A2-6	RIVET, SOLID.....	7
38	PADZZ	96906	M520426A2-5	RIVET, SOLID.....	4
39	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
40	XBDZZ	80063	SM-D-873914	HEATSINK, 1553 IF .....	1
41	XBDZZ	80063	SM-D-873905	MULTIWIRE BD, 1553 I.....	1
42	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2

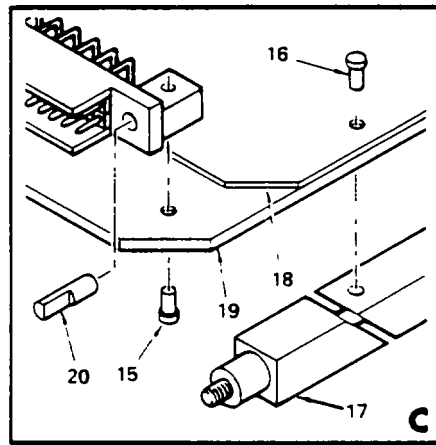
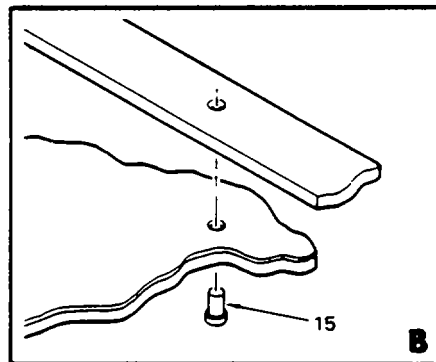
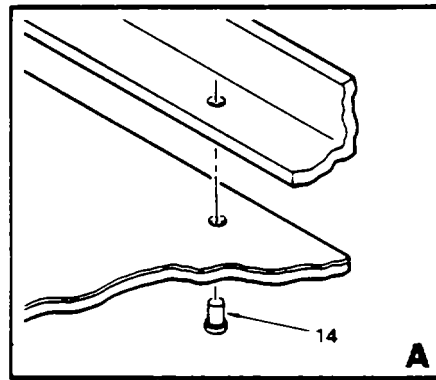
END OF FIGURE



CEOGZ017

Figure 7. Circuit Card Assembly, Static Ram (A17, A21) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	U2E	5	U5G	-
C2	1	U2F	8	U5H	11
C3	1	U2G	10	U5J	-
C4	1	U2H	10	U5K	11
C5	1				
C6	1	U3A	11	U6A	11
C7	1	U3B	-	U6B	-
C8	1	U3C	11	U6C	11
C9	1	U3D	-	U6D	-
C10	1	U3E	11	U6E	11
C11	1	U3F	11	U6F	11
C12	1	U3G	-	U6G	-
C13	2	U3H	11	U6H	11
C14	2	U3J	-	U6J	-
		U3K	11	U6K	11
P1	3				
		U4A	11		
TP1	4	U4B	-		
		U4C	11		
U1A	5	U4D	-		
U1B	5	U4E	11		
U1C	5	U4F	11		
U1D	5	U4G	-		
U1E	5	U4H	11		
U1F	5	U4J	-		
U1G	-	U4K	11		
U1H	6				
U1J	7	U5A	11		
		U5B	-		
U2A	8	U5C	11		
U2B	8	U5D	-		
U2C	9	U5E	11		
U2D	5	U5F	11		



NOTE. PREFIX ALL REFERENCE OESIGNATIONS WITH Ai7. A21

Figure 7. Circuit Card Assembly, Static Ram (A17, A21) (Sheet 2 of 2)

## SECTION II

TM11-5895-1279-23P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
				GROUP 06 CIRCUIT CARD ASSEMBLY, STATIC RAM (A17,A21) FIGURE 7	
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED.....	12
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED.....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	57957	C5118465	CONTACTELECTRICAL .....	1
5	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	
6	PADZZ	81349	M38510/00803BCX	MICROCIRCUIT, DIGITA .....	1
7	PADZZ	57957	C5118517	MICROCIRCUIT, DIGITA .....	1
8	PADZZ	81349	M8340102M1002GB	RESISTOR NETWORK, FI .....	3
9	PADZZ	57957	C5118516	MICROCIRCUIT, DIGITA .....	1
10	PADZZ	57957	C5118391	MICROCIRCUIT, DIGITA .....	2
11	PADZA	57957	C5118364	MICROCIRCUIT, DIGITA .....	24
12	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....	1
13	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK .....	1
14	PADZZ	96906	M520470A2-5	RIVET, SOLID .....	4
15	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
16	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....	4
17	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
18	XBDZZ	57957	C5116857	HEATSINK, STATIC RAM .....	1
19	XBDZZ	57957	C5116854	MULTIWIRE BD, STATIC .....	1
20	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2

END OF FIGURE

7-1

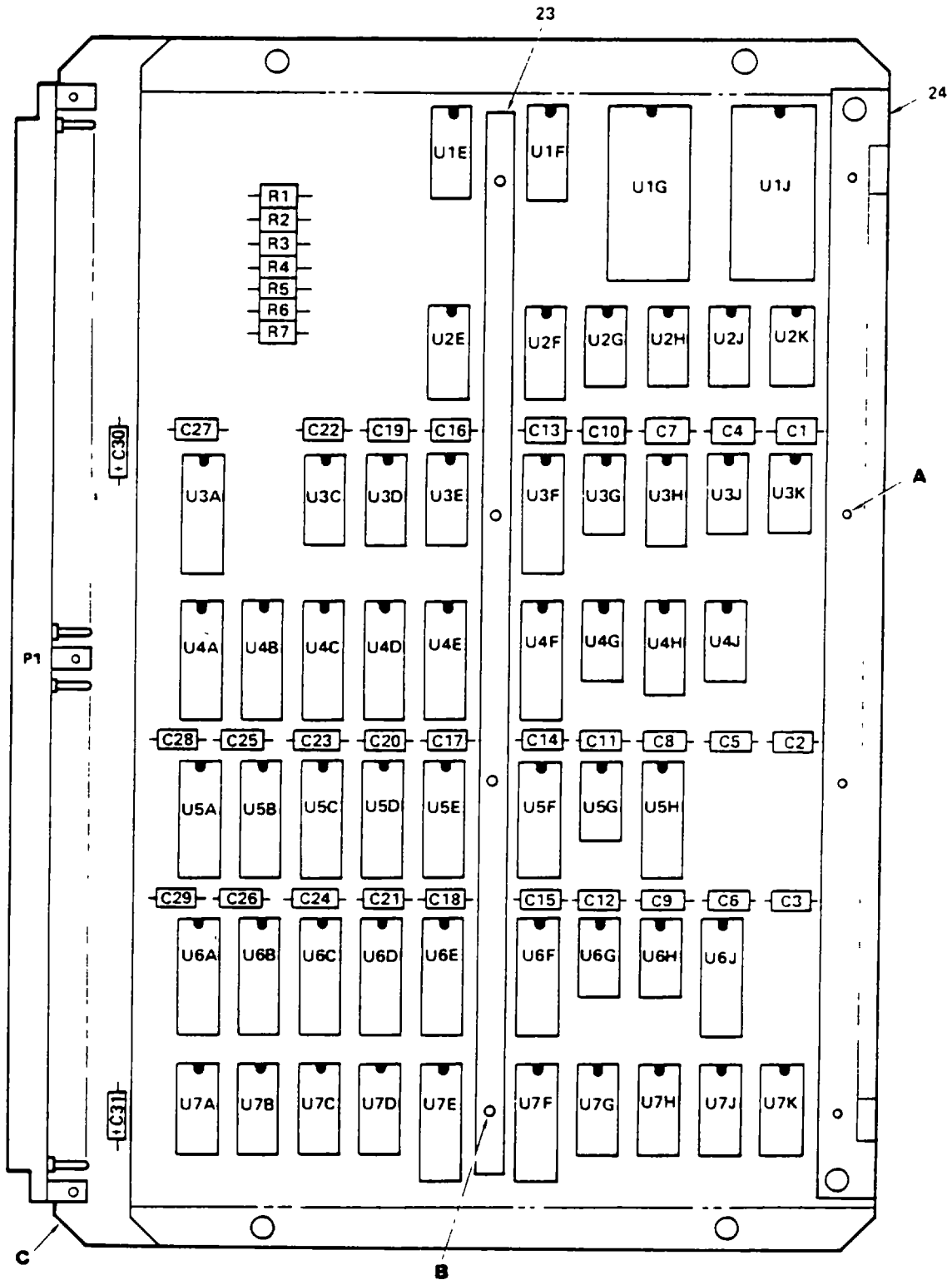


Figure 8. Circuit Card Assembly, IU NAV (A16) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	R4	4	U4H	17
C2	1	R5	4	U4J	12
C3	1	R6	4	U4K	-
C4	1	R7	4		
C5	1			U5A	18
C6	1	U1A	-	U5B	15
C7	1	U1E	5	U5C	15
C8	1	U1F	6	U5D	15
C9	1	U1G	7	U5E	19
C10	1	U1J	8	U5F	15
C11	1			U5G	16
C12	1	U2A	-	U5H	15
C13	1	U2E	9	U5J	-
C14	1	U2F	6	U5K	-
C15	1	U2G	10		
C16	1	U2H	11	U6A	18
C17	1	U2J	12	U6B	13
C18	1	U2K	11	U6C	13
C19	1			U6D	15
C20	1	U3A	13	U6E	15
C21	1	U3B	-	U6F	15
C22	1	U3C	14	U6G	16
C23	1	U3D	14	U6H	20
C24	1	U3E	14	U6J	13
C25	1	U3F	15	U6K	-
C26	1	U3G	16		
C27	1	U3H	17	U7A	21
C28	1	U3J	10	U7B	21
C29	1	U3K	10	U7C	21
C30	2			U7D	21
C31	2	U4A	13	U7E	15
		U4B	13	U7F	15
P1	3	U4C	13	U7G	22
		U4D	15	U7H	22
R1	4	U4E	15	U7J	22
R2	4	U4F	15	U7K	22
R3	4	U4G	16		

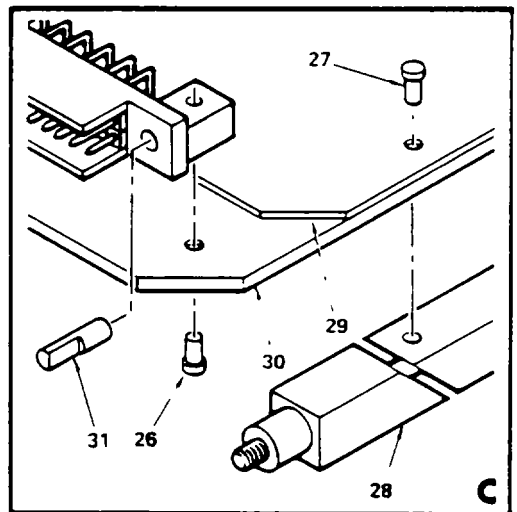
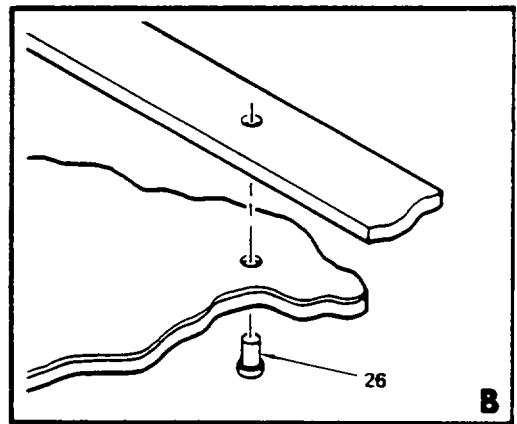
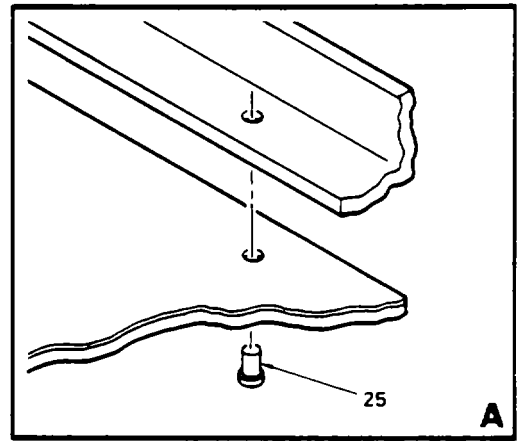


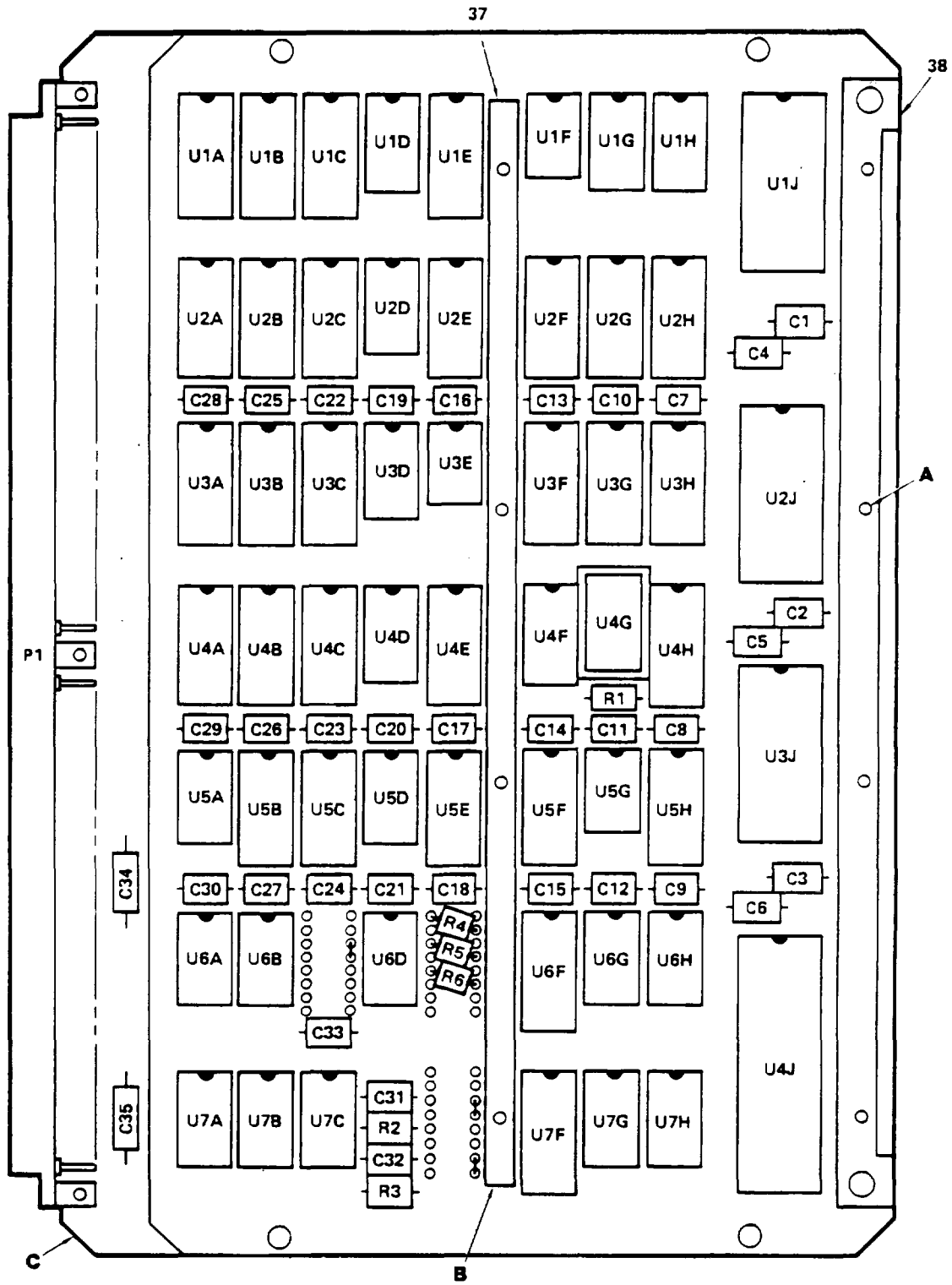
Figure 8. Circuit Card Assembly, IU NAV (A16) (Sheet 2 of 2)



SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC) GROUP 07 CIRCUIT CARD ASSEMBLY, IU NAV (A16)	(6) QTY
FIGURE 8					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	29
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	81349	RCR07G10OJS	RESISTOR, FIXED, COMP .....	7
5	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	1
6	PADZZ	81349	M38510-31504BEB	MICROCIRCUIT, DIGITA .....	2
7	PADZZ	57957	C5118198	MICROCIRCUIT, DIGITA .....	1
8	PADZZ	57957	C5118199	MICROCIRCUIT, DIGITA .....	1
9	PADZZ	81349	M38510/30903BEX	MICROCIRCUIT, DIGITA .....	1
10	PADZZ	81349	M38510-31302BCB	MICROCIRCUIT, DIGITA .....	3
11	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	2
12	PADZZ	81349	M38510-30009BCB	MICROCIRCUIT, DIGITA .....	2
13	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	7
14	PADZZ	80063	SM-A-874437	MICROCIRCUIT .....	3
15	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	14
16	PADZZ	81349	M38510/30605BCX	MICROCIRCUIT, DIGITA .....	4
17	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	2
18	PADZZ	81349	M38510-32803BRB	MICROCIRCUIT, DIGITA .....	2
19	PADZZ	57957	C5118235	MICROCIRCUIT, DIGITA .....	1
20	PADZZ	81349	M38510/00803BCX	MICROCIRCUIT, DIGITA .....	1
21	PADZZ	81349	M38510-31202BEB	MICROCIRCUIT, DIGITA .....	4
22	PADZZ	81349	M38510-30608BEB	MICROCIRCUIT, DIGITA .....	4
23	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....	1
24	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK .....	1
25	PADZZ	96906	MS20470A2-5	RIVET, SOLID .....	4
26	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
27	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....	4
28	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
29	XBDZZ	80063	SM-D-873912	HEATSINK, IU NAV .....	1
30	XBDZZ	80063	SM-D-873909	MULTIWIRE BD, IU NAV .....	1
31	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2

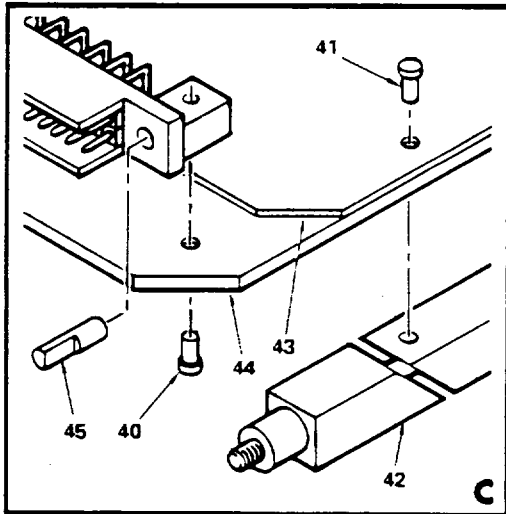
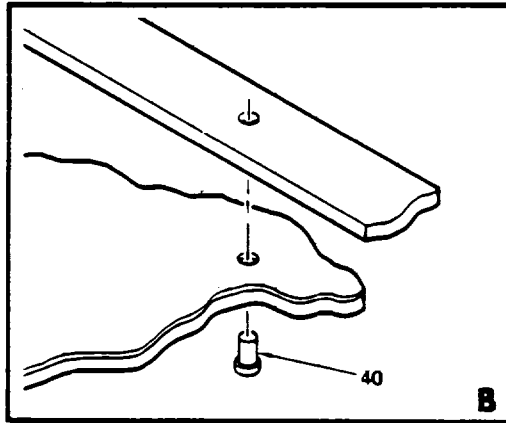
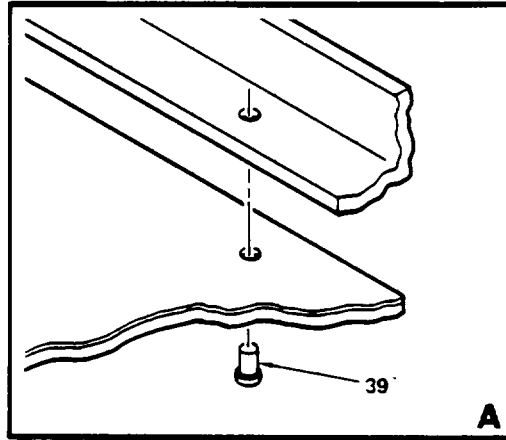
END OF FIGURE



CEOGZ021

Figure 9. Circuit Card Assembly, IU DL (A26) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	P1	3	U3H	22
C2	1			U3J	23
C3	1	R1	4		
C4	1	R2	5	U4A	24
C5	1	R3	5	U4B	24
C6	1	R4	6	U4C	9
C7	1	R5	6	U4D	10
C8	1	R6	6	U4E	25
C9	1			U4F	26
C10	1	U1A	7	U4G	27
C11	1	U1B	8	U4H	28
C12	1	U1C	9	U4J	29
C13	1	U1D	10		
C14	1	U1E	11	U5A	30
C15	1	U1F	12	U5B	7
C16	1	U1G	13	U5C	7
C17	1	U1H	13	U5D	31
C18	1	U1J	14	U5E	8
C19	1			U5F	8
C20	1	U2A	7	U5G	32
C21	1	U2B	8	U5H	24
C22	1	U2C	9		
C23	1	U2D	10	U6A	30
C24	1	U2E	8	U6B	31
C25	1	U2F	15	U6C	-
C26	1	U2G	16	U6D	33
C27	1	U2H	17	U6F	8
C28	1	U2J	18	U6G	34
C29	1			U6H	34
C30	1	U3A	7		
C31	1	U3B	19	U7A	35
C32	1	U3C	9	U7B	35
C33	1	U3D	10	U7C	36
C34	2	U3E	12	U7F	8
C35	2	U3F	20	U7G	34
		U3G	21	U7H	34

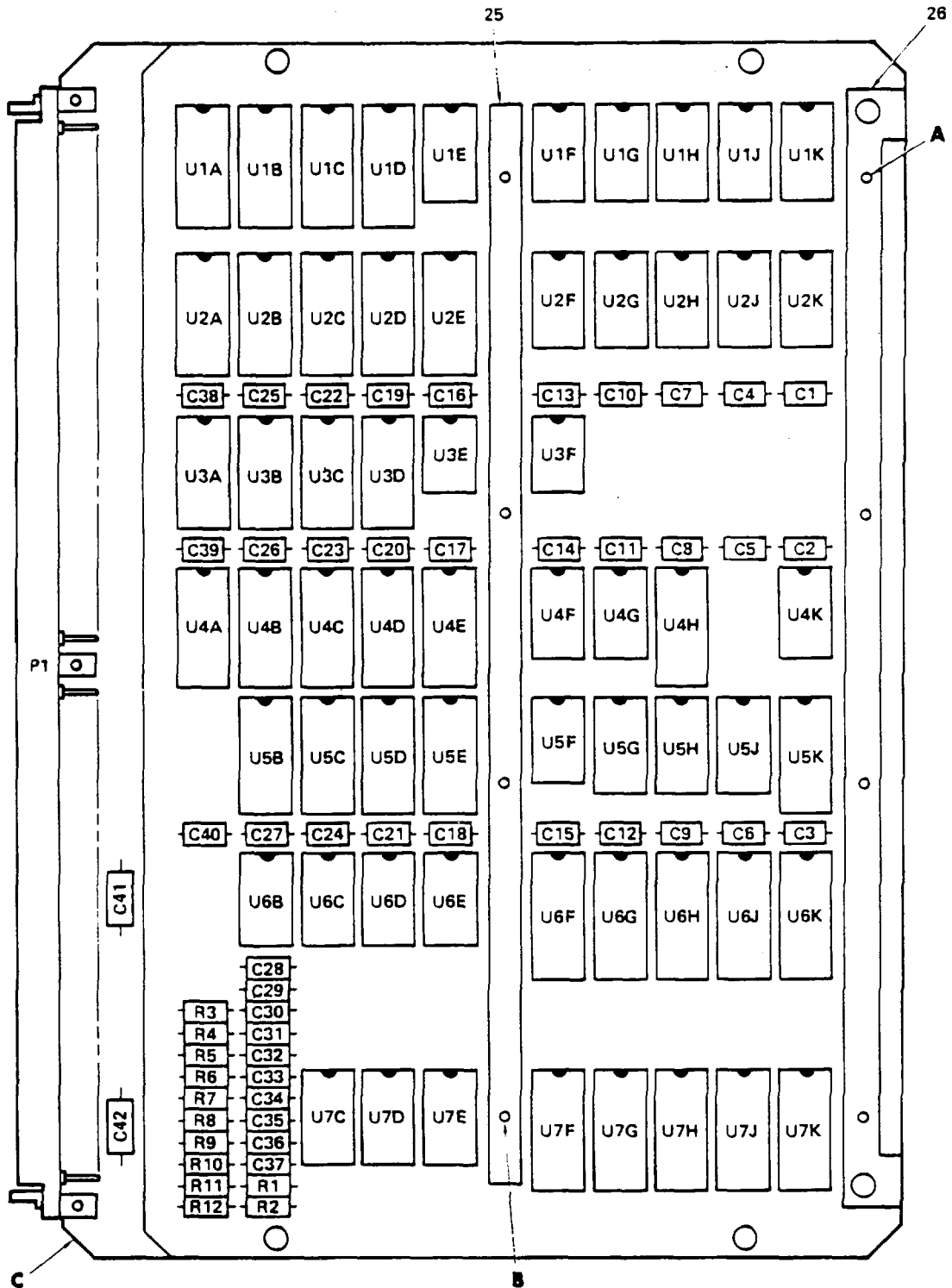


CEOGZ022

Figure 9. Circuit Card Assembly, IU DL (A26) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 08 CIRCUIT CARD ASSEMBLY, IU DL (A26)					
FIGURE 9					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	33
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	81349	RCR05G102JS	RESISTOR, FIXED, COMP .....	1
5	PADZZ	81349	RCR05G473JS	RESISTOR, FIXED, COMP .....	2
6	PADZZ	81349	RCR05G131JS	RESISTOR, FIXED, COMP .....	3
7	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	5
8	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	7
9	PADZZ	80063	SM-A-873863	MICROCIRCUIT, DIGITA .....	4
10	PADZZ	57957	C5118564	MICROCIRCUIT, DIGITA .....	4
11	PADZZ	81349	M38510/32501BRB	MICROCIRCUIT, DIGITA .....	1
12	PADZZ	81349	M38510-31302BCB	MICROCIRCUIT, DIGITA .....	2
13	PADZZ	81349	M38510-30901BEB	MICROCIRCUIT, DIGITA .....	2
14	PADZZ	57957	C5090979	MICROCIRCUIT, DIGITA .....	1
15	PADZZ	57957	C5118354	MICROCIRCUIT, DIGITA .....	1
16	PADZZ	57957	C5118266	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	57957	C5118268	MICROCIRCUIT, DIGITA .....	1
18	PADZZ	57957	C5118189	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	57957	C5118162	MICROCIRCUIT, DIGITA .....	1
20	PADZZ	57957	C5118265	MICROCIRCUIT, DIGITA .....	1
21	PADZZ	57957	C5118267	MICROCIRCUIT, DIGITA .....	1
22	PADZZ	57957	C5090978	MICROCIRCUIT, DIGITA .....	1
23	PADZZ	57957	C5090986	MICROCIRCUIT, DIGITA .....	1
24	PADZZ	81349	M38510-32803BRB	MICROCIRCUIT, DIGITA .....	3
25	PADZZ	57957	C5090985	MICROCIRCUIT, DIGITA .....	1
26	PADZZ	81349	M38510/30702BCX	MICROCIRCUIT, DIGITA .....	1
27	PADZZ	81349	M55310/16-B21	OSCILLATOR, CRYSTAL .....	1
28	PADZZ	57957	C5118223	MICROCIRCUIT, DIGITA .....	1
29	PADZZ	14933	5962-8752701QX	MICROCIRCUIT, DIGITA .....	1
30	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	2
31	PADZZ	81349	M38510/30903BEX	MICROCIRCUIT, DIGITA .....	2
32	PADZZ	57957	C5118224	MICROCIRCUIT, DIGITA .....	1
33	PADZZ	81349	M38510-31401BEB	MICROCIRCUIT, DIGITA .....	1
34	PADZZ	57957	C5118410	MICROCIRCUIT .....	4
35	PADZZ	14933	7802301EX	MICROCIRCUIT, LINEAR .....	2
36	PADZZ	81349	M38510/30902BEX	MICROCIRCUIT, DIGITA .....	1
37	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....	1
38	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK .....	1
39	PADZZ	96906	MSZ20470A2-5	RIVET, SOLID .....	4
40	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
41	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....	4
42	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
43	XBDZZ	80063	SM-D-873913	HEATSINK, IU DL .....	1
44	XBDZZ	80063	SM-D-873901	MULTIWIRE BD, IU DL .....	1
45	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2

END OF FIGURE

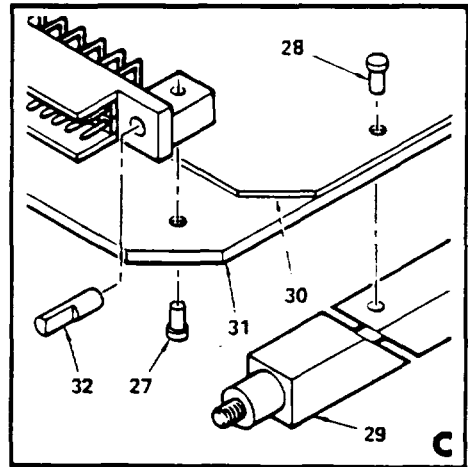
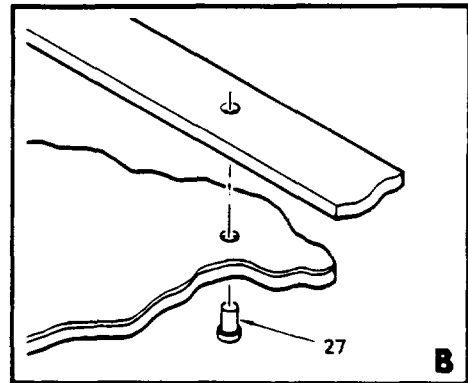
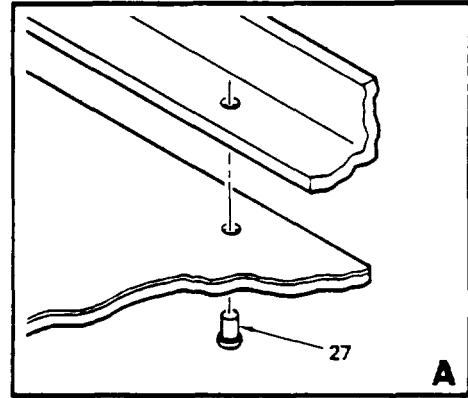


CEOG2023

Figure 10. Circuit Card Assembly, MMD IU (A23) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C34	1	U1J	7	U5C	9
C2	1	C35	1	U1K	7	U5D	6
C3	1	C36	1			U5E	6
C4	1	C37	1	U2A	6	U5F	14
C5	1	C38	1	U2B	6	U5G	15
C6	1	C39	1	U2C	6	U5H	16
C7	1	C40	1	U2D	6	U5J	17
C8	1	C41	2	U2E	6	U5K	9
C9	1	C42	2	U2F	8		
C10	1			U2G	7	U6A	-
C11	1	P1	3	U2H	7	U6B	18
C12	1			U2J	7	U6C	18
C13	1	R1	4	U2K	7	U6D	18
C14	1	R2	4			U6E	18
C15	1	R3	4	U3A	6	U6F	9
C16	1	R4	4	U3B	6	U6G	9
C17	1	R5	4	U3C	9	U6H	9
C18	1	R6	4	U3D	9	U6J	9
C19	1	R7	4	U3E	10	U6K	9
C20	1	R8	4	U3F	11		
C21	1	R9	4			U7A	-
C22	1	R10	4	U4A	6	U7B	-
C23	1	R11	5	U4B	6	U7C	19
C24	1	R12	5	U4C	9	U7D	19
C25	1			U4D	9	U7E	19
C26	1	U1A	6	U4E	9	U7F	20
C27	1	U1B	6	U4F	8	U7G	21
C28	1	U1C	6	U4G	8	U7H	22
C29	1	U1D	6	U4H	12	U7J	23
C30	1	U1E	7	U4K	13	U7K	24
C31	1	U1F	8				
C32	1	U1G	7	U5A			
C33	1	U1H	7	U5B	9		

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A23.

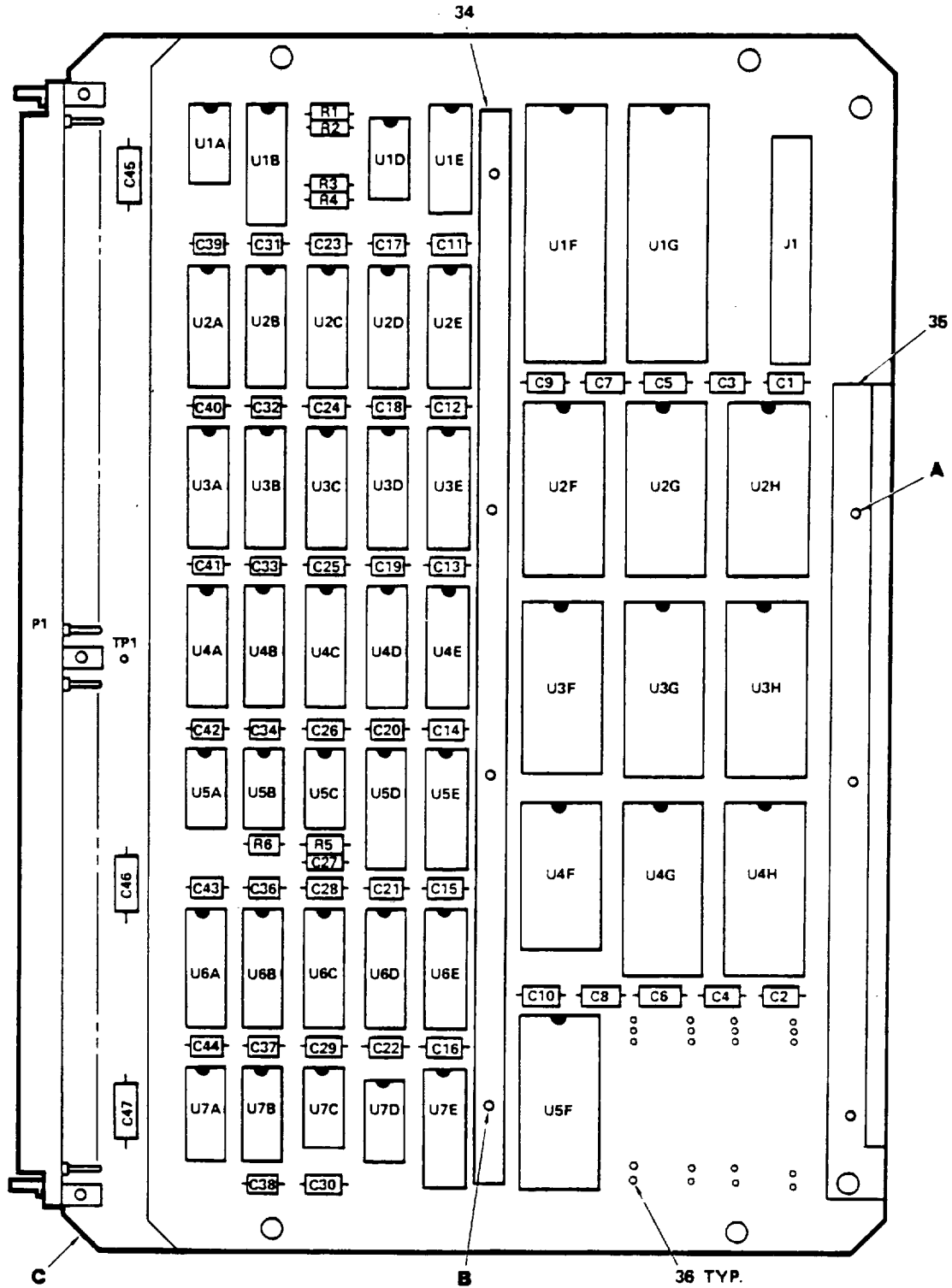


CEOG2024

Figure 10. Circuit Card Assembly, MTD IU (A23) (Sheet 2 of 2)

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 09 CIRCUIT CARD ASSEMBLY, MTD IU (A23)					
FIGURE 10					
1	PADZZ	81349	M39014/05-2855	CAPACITOR, FIXED .....	40
2	PADZZ	81349	M39003/01-2524	CAPACITOR, FIXED .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	81349	RCR05GIO1JS	RESISTOR, FIXED, COMP .....	10
5	PADZZ	81349	RCR05G472JS	RESISTOR, FIXED, COMP .....	2
6	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	15
7	PADZZ	80063	SM-A-873609	MICROCIRCUIT, DIGITA .....	9
8	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	4
9	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	13
10	PADZZ	81349	M38510-31302BCB	MICROCIRCUIT, DIGITA .....	1
11	PADZZ	81349	M38510-30202BCB	MICROCIRCUIT, DIGITA .....	1
12	PADZZ	80063	SM-A-873793	MICROCRICUIT, DIGITA .....	1
13	PADZZ	81349	M38510-30109BEB	MICROCIRCUIT, DIGITA .....	1
14	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	1
15	PADZZ	81349	M8340102M1001GB	RESISTOR NETWORK, FI.....	1
16	PADZZ	81349	M38510/30906BEB	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	81349	M38510-30901BEB	MICROCIRCUIT, DIGITA .....	1
18	PADZZ	14933	7802301EX	MICROCIRCUIT, LINEAR .....	4
19	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	3
20	PADZZ	80063	SM-A-873798	MICROCRICUIT, DIGITA .....	1
21	PADZZ	80063	SM-A-873797	MICROCRICUIT, DIGITA .....	1
22	PADZZ	80063	SM-A-873796	MICROCRICUIT, DIGITA .....	1
23	PADZZ	80063	SM-A-873795	MICROCRICUIT, DIGITA .....	1
24	PADZZ	80063	SM-A-873794	MICROCRICUIT, DIGITA .....	1
25	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
26	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK.....	1
27	PADZZ	96906	MS20470A2-5	RIVET, SOLID.....	11
28	PAFZZ	96906	M520426A2-4	RIVET, SOLID.....	4
29	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
30	XBDZZ	80063	SM-D-873586	HEATSINK, MTD IU .....	1
31	XBDZZ	80063	SM-D-873534	MULTIWIRE BD, MTD IU .....	1
32	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

END OF FIGURE

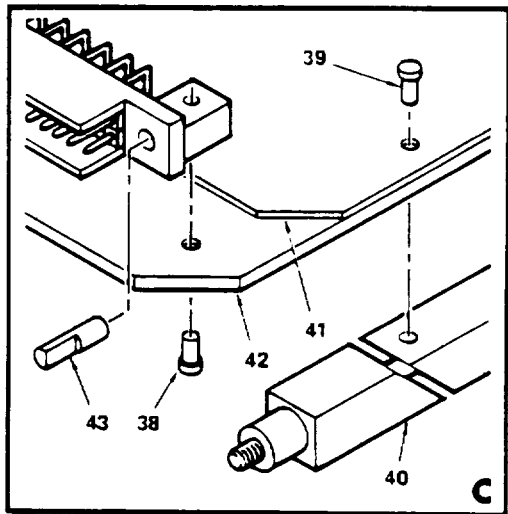
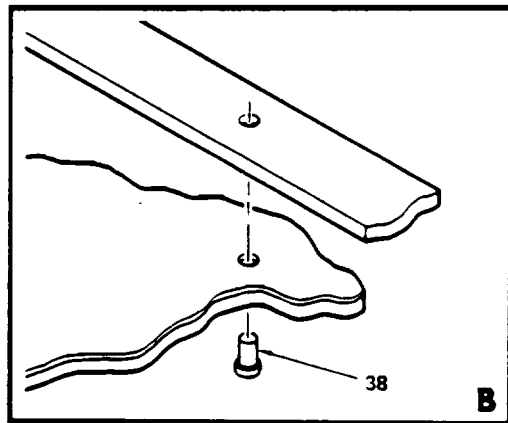
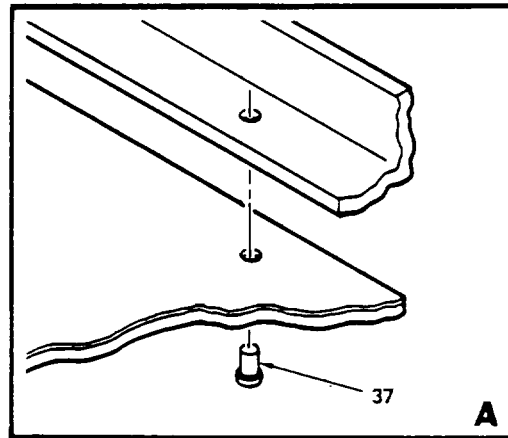


CEOGZ025

Figure 11. Circuit Card Assembly, DEP (A18) (Sheet 1 of 2)



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C39	1	U3A	20
C2	1	C40	1	U3B	21
C3	1	C41	1	U3C	22
C4	1	C42	1	U3D	22
C5	1	C43	1	U3E	22
C6	1	C44	1	U3F	18
C7	1	C45	2	U3G	19
C8	1	C46	2	U3H	19
C9	1	C47	2		
C10	1			U4A	23
C11	1	J1	3	U4B	23
C12	1			U4C	23
C13	1	P1	4	U4D	24
C14	1			U4E	24
C15	1	R1	5	U4F	25
C16	1	R2	5	U4G	19
C17	1	R3	6	U4H	19
C18	1	R4	6		
C19	1	R5	7	U5A	26
C20	1	R6	8	U5B	27
C21	1			U5C	28
C22	1	TP1	9	U5D	24
C23	1			U5E	24
C24	1	U1A	10	U5F	29
C25	1	U1B	11	U5G	-
C26	1	U1D	12	U5H	-
C27	1	U1E	13		
C28	1	U1F	14	U6A	23
C29	1	U1G	15	U6B	23
C30	1			U6C	23
C31	1	U2A	16	U6D	24
C32	1	U2B	16	U6E	24
C33	1	U2C	17		
C34	1	U2D	17	U7A	30
C35	-	U2E	17	U7B	31
C36	1	U2F	18	U7C	28
C37	1	U2G	19	U7D	32
C38	1	U2H	19	U7E	33



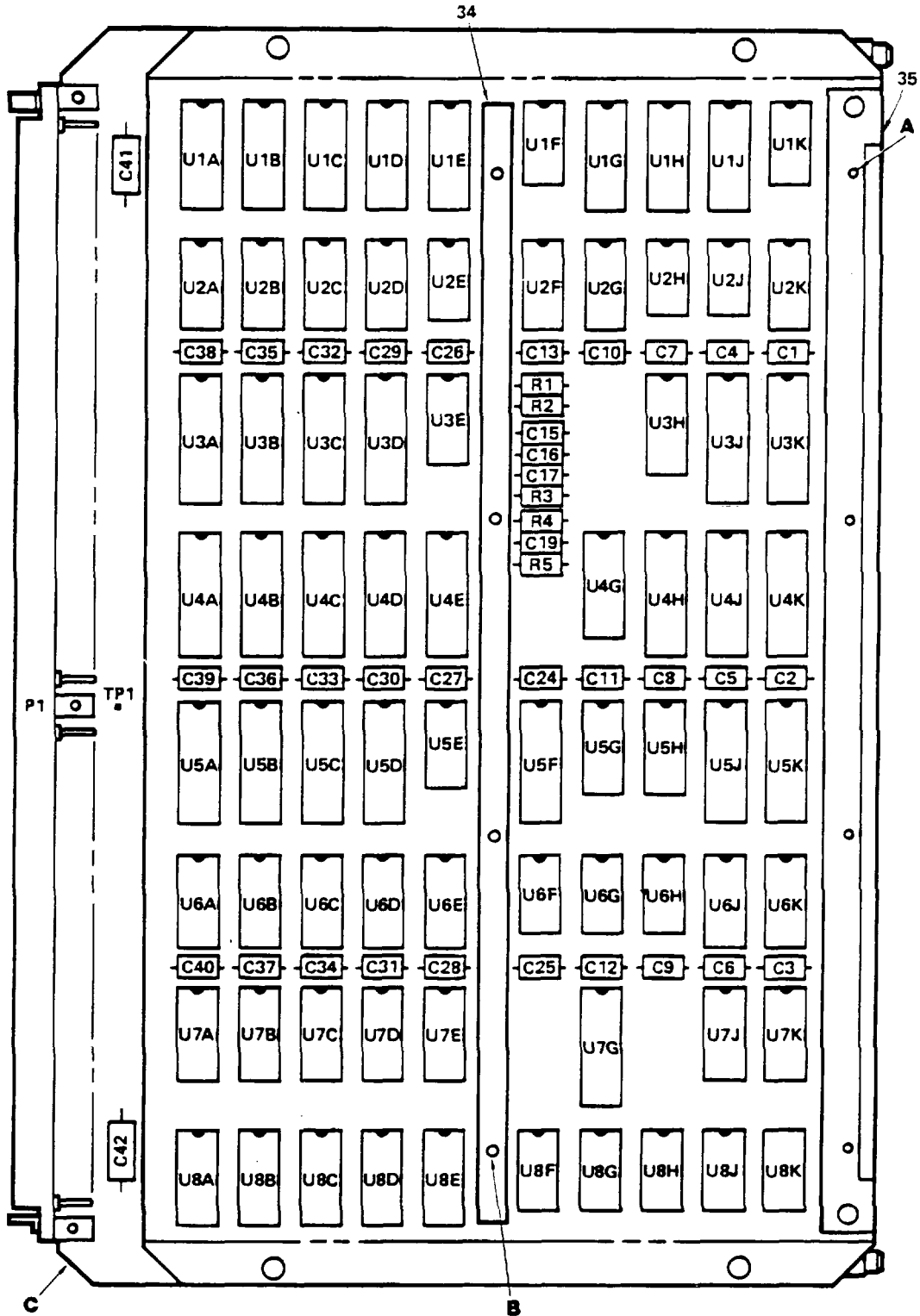
NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A18.

CEOGZ026

Figure 11. Circuit Card Assembly, DEP (A18) (Sheet 2 of 2)

SECTION II						
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	GROUP 10 CIRCUIT CARD ASSEMBLY, DBP (A18)	QTY
FIGURE 11						
1	PADZZ	81349	M39014/05-2855	CAPACITOR, FIXED .....		43
2	PADZZ	81349	M39003/01-2524	CAPACITOR, FIXED .....		3
3	PADZA	81349	M55302/128-AR1C	CONNECTOR, RECEPTACL .....		1
4	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....		1
5	PADZZ	81349	RCR05G1002JS	RESISTOR, FIXED, COMP .....		2
6	PADZZ	81349	RCR05G123JS	RESISTOR, FIXED, COMP .....		2
7	PADZZ	81349	RCR05G104JS	RESISTOR, FIXED, COMP .....		1
8	PADZZ	81349	RCR05G682JS	RESISTOR, FIXED, COMP .....		1
9	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....		1
10	PADZZ	81349	M38510/30501BCX	MICROCIRCUIT, DIGITA .....		1
11	PADZZ	57957	C5118218	MICROCIRCUIT, LINEAR .....		1
12	PADZZ	81349	M55310/16-B34A	OSCILLATOR, CRYSTAL .....		1
13	PADZZ	80063	SM-A-873853	MICROCIRCUIT, DIGITA .....		1
14	PADZZ	81349	M38510/53001BQB	MICROCIRCUIT, DIGITA .....		1
15	PADZZ	57957	C5118618	MICROCIRCUIT, DIGITA .....		1
16	PADZZ	80063	SM-A-873855	MICROCIRCUIT, DIGITA .....		2
17	PADZZ	80063	SM-A-873854	MICROCIRCUIT, DIGITA .....		3
18	PADZZ	80063	SM-A-873378	MICROCIRCUIT, DIGITA .....		2
19	PADZZ	57957	C5118526	MICROCIRCUIT, MODULE .....		6
20	PADZZ	57957	C5118216	MICROCIRCUIT, LINEAR .....		1
21	PADZZ	57957	C5118217	MICROCIRCUIT, LINEAR .....		1
22	PADZZ	81349	M38510/32502BRX	MICROCIRCUIT, DIGITA .....		3
23	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....		6
24	PADZZ	81349	M38510-32803BRB	MICROCIRCUIT, DIGITA .....		6
25	PADZZ	80063	SM-A-873851	MICROCIRCUIT, DIGITA .....		1
26	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....		1
27	PADZZ	81349	M38510/31403BCB	MICROCIRCUIT, DIGITA .....		1
28	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....		2
29	PADZZ	80063	SM-A-873852	MICROCIRCUIT, DIGITA .....		1
30	PADZZ	67268	780200EA	MICROCIRCUIT, LINEAR .....		1
31	PADZZ	57957	C5118469	MICROCIRCUIT, DIGITA .....		1
32	PADZZ	81349	M55310/16-B24A	OSCILLATOR, CRYSTAL .....		1
33	PADZZ	57957	C5116918	JUMPER MODULE ASSEM .....		1
34	XBDZZ	57957	C5116897	STIFFENER, HEATSINK .....		1
35	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....		1
36	PADZZ	80063	SM-A-873371	SOCKET, SPRING .....		96
37	PADZZ	96906	MS20470A2-5	RIVET, SOLID .....		3
38	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....		7
39	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....		4
40	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....		2
41	XBDZZ	57957	C5116892	HEATSINK, DBP .....		1
42	XBDZZ	57957	C5116889	MULTIWIRE BD, DBP .....		1
43	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....		2

END OF FIGURE

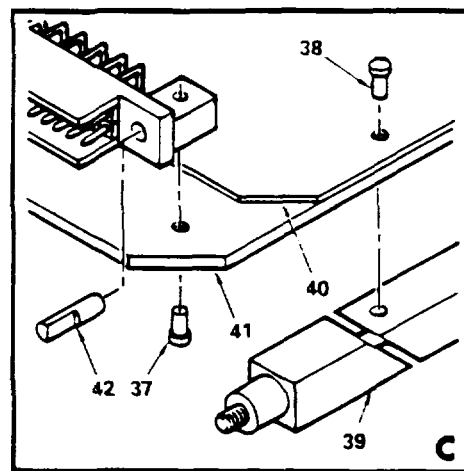
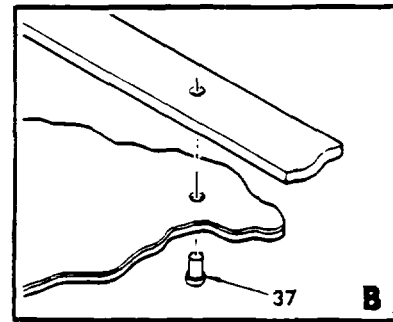
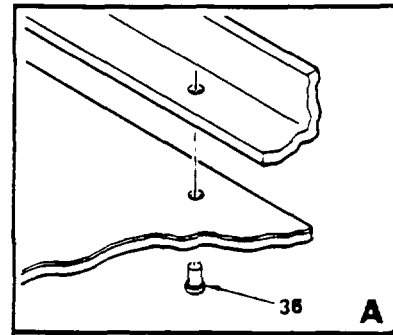


CEOGZ027

Figure 12. Circuit Card Assembly, CP Interface (All) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C39	1	U3B	10	U6J	17
C2	1	C40	1	U3C	11	U6K	17
C3	1	C41	4	U3D	11		
C4	1	C42	4	U3E	24	U7A	19
C5	1			U3G	-	U7B	20
C6	1	P1	5	U3H	13	U7C	19
C7	1			U3J	25	U7D	19
C8	1	R1	6	U3K	25	U7E	20
C9	1	R2	7			U7F	-
C10	1	R3	7	U4A	20	U7G	32
C11	1	R4	8	U4B	18	U7H	-
C12	1	R5	7	U4C	19	U7J	17
C13	1			U4D	18	U7K	17
C14	-	TP1	9	U4E	20		
C15	2			U4G	24	U8A	18
C16	2	U1A	10	U4H	13	U8B	20
C17	3	U1B	10	U4J	17	U8C	18
C18	-	U1C	11	U4K	17	U8D	20
C19	1	U1D	11			U8E	18
C20	-	U1E	12	U5A	11	U8F	33
C21	-	U1F	13	U5B	11	U8G	23
C22	-	U1G	14	U5C	26	U8H	23
C23	-	U1H	15	U5D	26	U8J	23
C24	1	U1J	16	U5E	23	U8K	23
C25	1	U1K	17	U5F	27		
C26	1			U5G	28		
C27	1	U2A	18	U5H	29		
C28	1	U2B	18	U5J	25		
C29	1	U2C	19	U5K	25		
C30	1	U2D	20				
C31	1	U2E	21	U6A	20		
C32	1	U2F	22	U6B	18		
C33	1	U2G	13	U6C	20		
C34	1	U2H	23	U6D	18		
C35	1	U2J	23	U6E	18		
C36	1	U2K	17	U6F	23		
C37	1			U6G	30		
C38	1	U3A	10	U6H	31		

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A11.

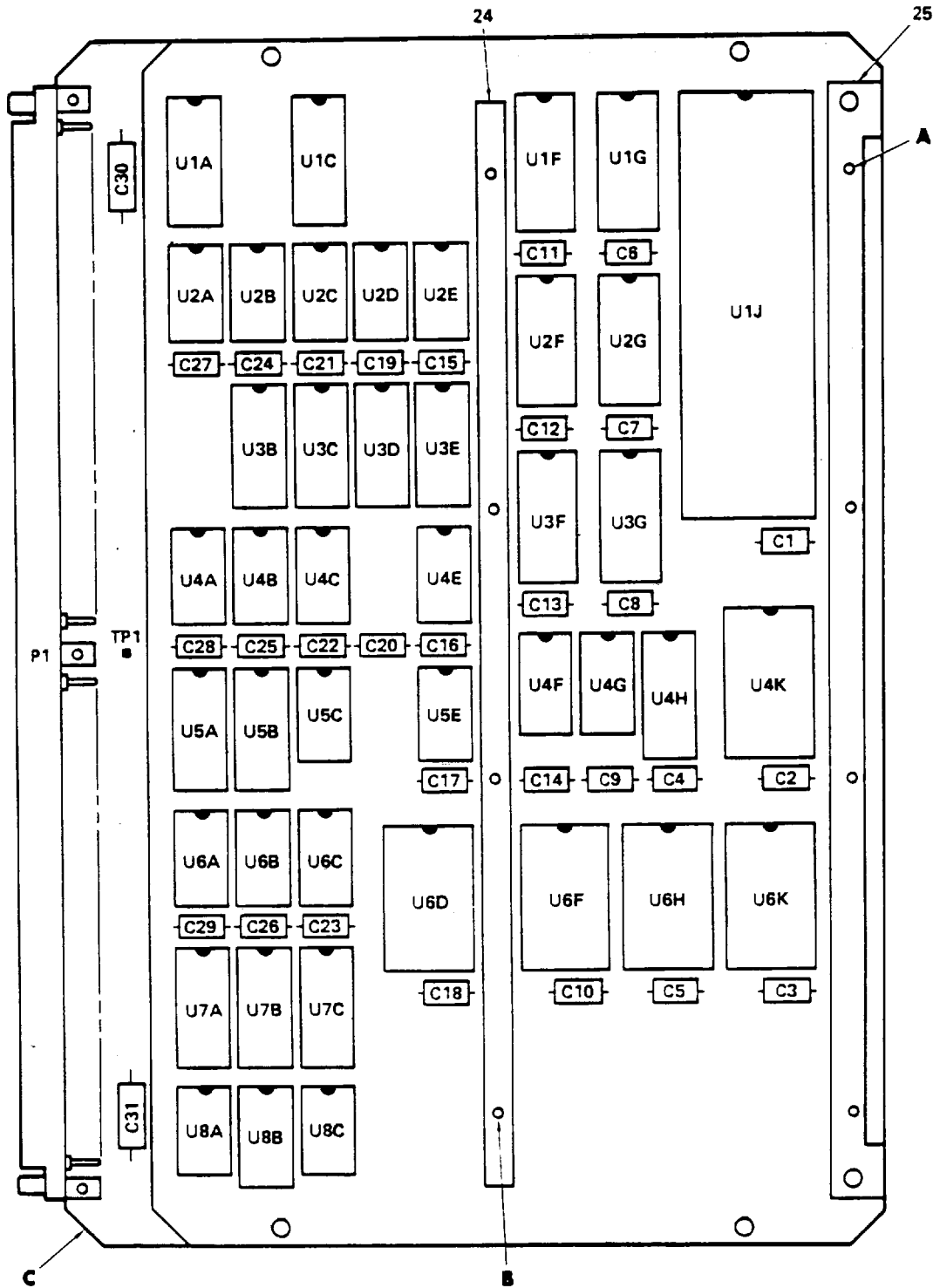


CEOGZ028

Figure 12. Circuit Card Assembly, CP Interface (All) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 11 CIRCUIT CARD ASSEMBLY, CP INTERFFACE (All)					
FIGURE 12					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	31
2	PADZZ	81349	CCR75CG151GM	CAPACITOR, FIXED .....	2
3	PADZZ	81349	CCR75CG330GR	CAPACITOR, FIXED, CER.....	1
4	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	2
5	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL.....	1
6	PADZZ	81349	RCR05G104JS	RESISTOR, FIXED, COMP .....	1
7	PADZZ	81349	RCR05G131JS	RESISTOR, FIXED, COMP .....	3
8	PADZZ	81349	RCR05G102JS	RESISTOR, FIXED, COMP .....	1
9	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
10	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	4
11	PADZZ	57957	C5118391	MICROCIRCUIT, DIGITA .....	6
12	PADZZ	81349	M38510/32501BRB	MICROCIRCUIT, DIGITA .....	1
13	PADZZ	81349	M38510/30905BEB	MICROCIRCUIT, DIGITA .....	4
14	PADZZ	57957	C5118339	MICROCIRCUIT, DIGITA .....	1
15	PADZZ	57957	C5118211	MICROCIRCUIT, DIGITA .....	1
16	PADZZ	57957	C5118210	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	57957	C5118410	MICROCIRCUIT .....	8
18	PADZZ	14933	7802301EX	MICROCIRCUIT, LINEAR .....	10
19	PADZZ	81349	M8340102M1200JA	RESISTOR NETWORK, FI.....	5
20	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	9
21	PADZZ	81349	M38510-00403BCB	MICROCIRCUIT, DIGITA .....	1
22	PADZZ	57957	C5118415	MICROCIRCUIT, LINEAR .....	1
23	PADZZ	81349	M38510/30102BCX	MICROCIRCUIT, DIGITA .....	8
24	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	2
25	PADZZ	81349	M38510-32803BRB	MICROCIRCUIT, DIGITA .....	4
26	PADZZ	81349	M38510/32502BRX	MICROCIRCUIT, DIGITA .....	2
27	PADZZ	57957	C5118230	MICROCIRCUIT, DIGITA .....	1
28	PADZZ	81349	M38510-31512BEB	MICROCIRCUIT, DIGITA .....	1
29	PADZZ	81349	M38510/30106BEX	MICROCIRCUIT, DIGITA .....	1
30	PADZZ	81349	M38510/31004BCX	MICROCIRCUIT, DIGITA .....	1
31	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	1
32	PADZZ	57957	C5118302	MICROCIRUCIT, DIGITA .....	1
33	PADZZ	81349	M38510/00107BCX	MICROCIRCUIT, DIGITA .....	1
34	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
35	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK.....	1
36	PADZZ	96906	MS204700A2-5	RIVET, SOLID.....	4
37	PADZZ	96906	M520470A2-6	RIVET, SOLID.....	7
38	PADZZ	96906	MS20426A2-5	RIVET, SOLID.....	4
39	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
40	XBDZZ	57957	C5116812	HEATSINK, CP INTERFA .....	1
41	XBDZZ	57957	C5116809	MULTIWIRE BD, CP INT.....	1
42	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

END OF FIGURE

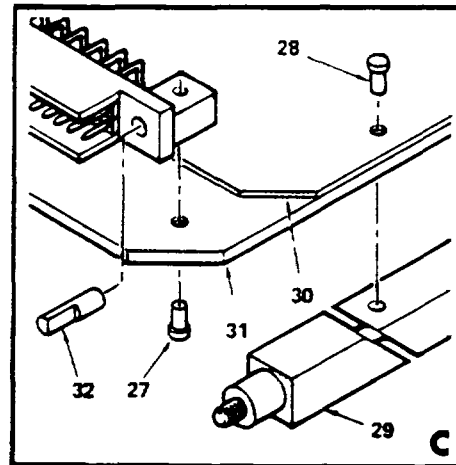
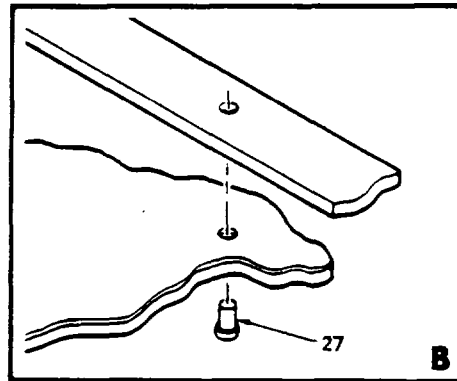
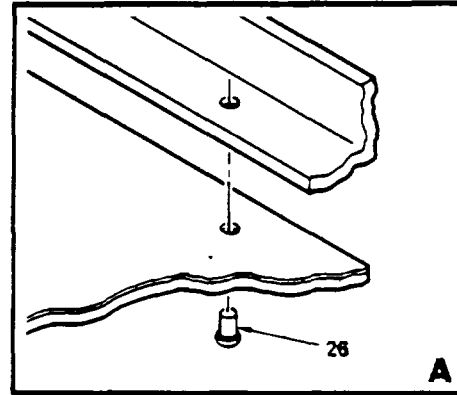


CEOGZ029

Figure 13. Circuit Card Assembly, DOAA (A9) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	TP1	4	U4F	14
C2	1			U4G	14
C3	1	U1A	5	U4H	15
C4	1	U1B	-	U4J	-
C5	1	U1C	6	U4K	16
C6	1	U1D	-		
C7	1	U1E	-	U5A	5
C8	1	U1F	7	U5B	5
C9	1	U1G	7	U5C	14
C10	1	U1H	-	U5D	-
C11	1	U1J	8	U5E	17
C12	1				
C13	1	U2A	9	U6A	13
C14	1	U2B	9	U6B	13
C15	1	U2C	10	U6C	13
C16	1	U2D	10	U6D	18
C17	1	U2E	11	U6E	-
C18	1	U2F	7	U6F	19
C19	1	U2G	7	U6G	-
C20	1			U6H	18
C21	1	U3A	-	U6J	-
C22	1	U3B	5	U6K	19
C23	1	U3C	5		
C24	1	U3D	5	U7A	5
C25	1	U3E	12	U7B	5
C26	1	U3F	7	U7C	20
C27	1	U3G	7		
C28	1			U8A	21
C29	1	U4A	13	U8B	22
C30	2	U4B	13	U8C	23
C31	2	U4C	13		
		U4D	-		
P1	3	U4E	14		

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A9.



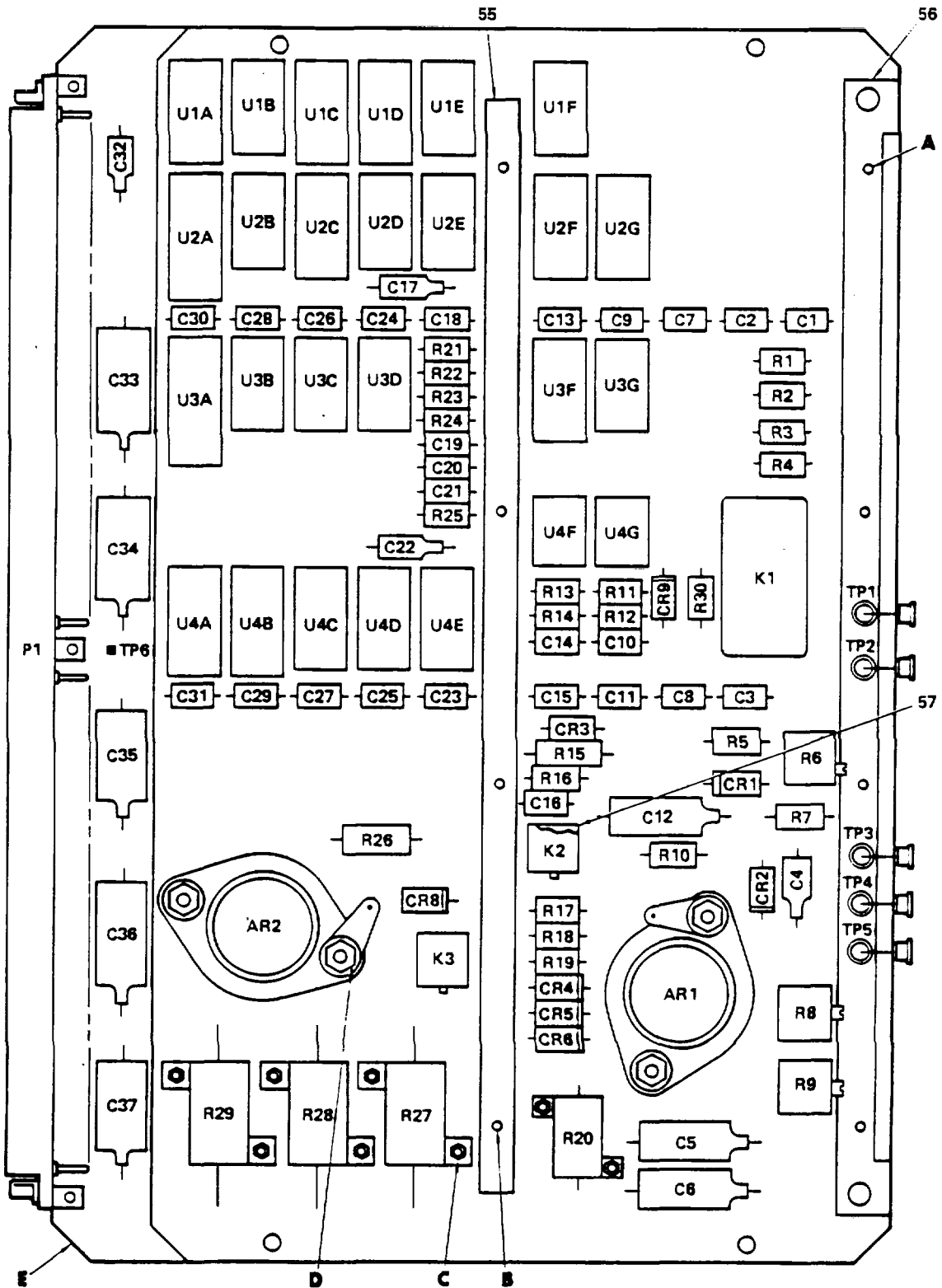
CEOGZ030

Figure 13. Circuit Card Assembly, DQAA (A9) (Sheet 2 of 2)

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 12 CIRCUIT CARD ASSEMBLY, DOAA (A9)					
FIGURE 13					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	29
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
5	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	8
6	PADZZ	57957	C5116919	JUMPER MODULE ASSY .....	1
7	PADZA	81349	M38510/23112BWC	MICROCIRCUIT, DIGITA .....	6
8	PADZZ	57957	C5118524	MICROCIRCUIT, DIGITA .....	1
9	PADZZ	81349	M38510/30902BEX	MICROCIRCUIT, DIGITA .....	2
10	PADZZ	81349	M38510/30903BEX	MICROCIRCUIT, DIGITA .....	2
11	PADZZ	57957	C5116921	JUMPER MODULE ASSY .....	1
12	PADZZ	57957	C5118307	MICROCIRCUIT, DIGITA .....	1
13	PADZZ	81349	M38510-31202BEB	MICROCIRCUIT, DIGITA .....	6
14	PADZZ	81349	M38510-31901BEB	MICROCIRCUIT, DIGITA .....	4
15	PADZZ	57957	C5116920	JUMPER MODULE ASSY .....	1
16	PADZZ	57957	C5118280	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	81349	M38510-32204BEB	MICROCIRCUIT, DIGITA .....	1
18	PADZZ	57957	C5118278	MICROCIRUCIT, DIGITA .....	2
19	PADZZ	57957	C5118276	MICROCIRUCIT, DIGITA .....	2
20	PADZZ	57957	C5118306	MICROCIRCUIT, DIGITA .....	1
21	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	1
22	PADZZ	81349	M38510/30906BEB	MICROCIRCUIT, DIGITA .....	1
23	PADZZ	57957	C5116922	JUMPER MODULE ASSY .....	1
24	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
25	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK.....	1
26	PADZZ	96906	MS20470A2-5	RIVET, SOLID.....	4
27	PADZZ	96906	MS20470'A2-6	RIVET, SOLID.....	7
28	PADZZ	96906	M520426A2-5	RIVET, SOLID.....	4
29	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
30	XBDZZ	57957	C5116772	HEATSINK, DOAA.....	1
31	XBDZZ	57957	C5116769	MULTIWIRE BD, DOAA .....	1
32	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

END OF FIGURE





CEOGZ031

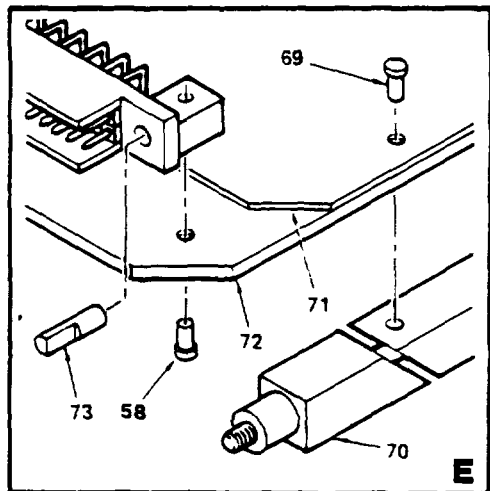
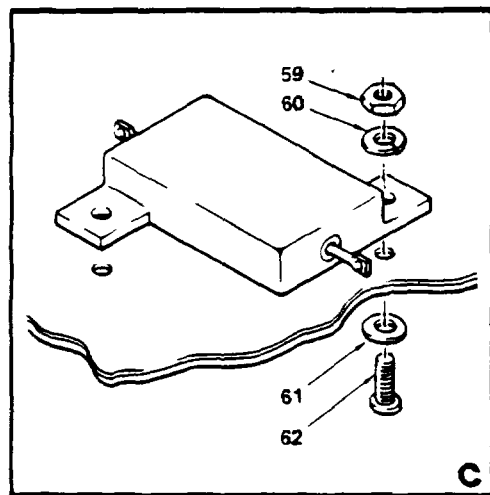
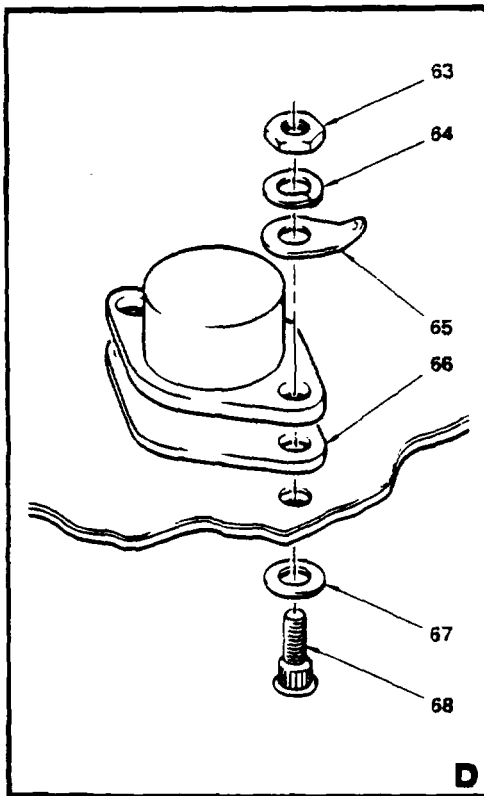
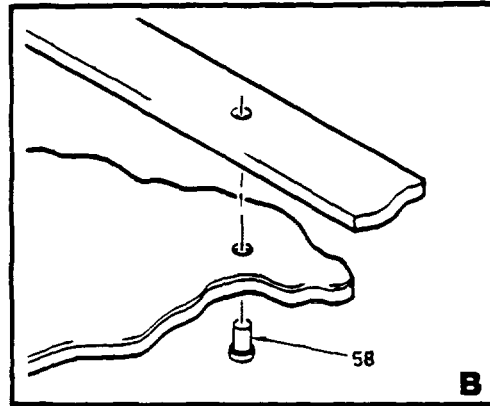
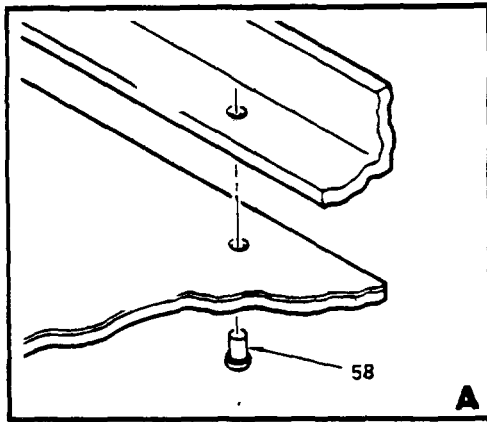
Figure 14. Circuit Card Assembly, Battery Regulator (A3) (Sheet 1 of 3)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
AR1	1	C31	3	R10	21	U1E	41
AR2	2	C32	6	R11	22	U1F	42
		C33	7	R12	23		
C1	3	C34	7	R13	23	U2A	43
C2	3	C35	5	R14	24	U2B	44
C3	3	C36	7	R15	25	U2C	40
C4	4	C37	5	R16	26	U2D	45
C5	5			R17	27	U2E	46
C6	5	CR1	8	R18	28	U2F	47
C7	3	CR2	8	R19	17	U2G	48
C8	3	CR3	9	R20	29		
C9	3	CR4	10	R21	30	U3A	43
C10	3	CR5	10	R22	31	U3B	44
C11	3	CR6	10	R23	32	U3C	45
C12	5	CR7	-	R24	23	U3D	49
C13	3	CR8	8	R25	24	U3E	-
C14	3	CR9	11	R26	33	U3F	47
C15	3			R27	34	U3G	50
C16	3	K1	12	R28	34		
C17	6	K2	13	R29	34	U4A	51
C18	3	K3	13	R30	35	U4B	51
C19	3					U4C	40
C20	3	P1	14	TP1	36	U4D	52
C21	3			TP2	36	U4E	46
C22	6	R1	15	TP3	36	U4F	53
C23	3	R2	15	TP4	36	U4G	54
C24	3	R3	15	TP5	36		
C25	3	R4	16	TP6	37		
C26	3	R5	17				
C27	3	R6	18	U1A	38		
C28	3	R7	19	U1B	39		
C29	3	R8	18	U1C	40		
C30	3	R9	20	U1D	40		

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A3.

CEOG2032

Figure 14. Circuit Card Assembly, Battery Regulator (A3) (Sheet 2 of 3)



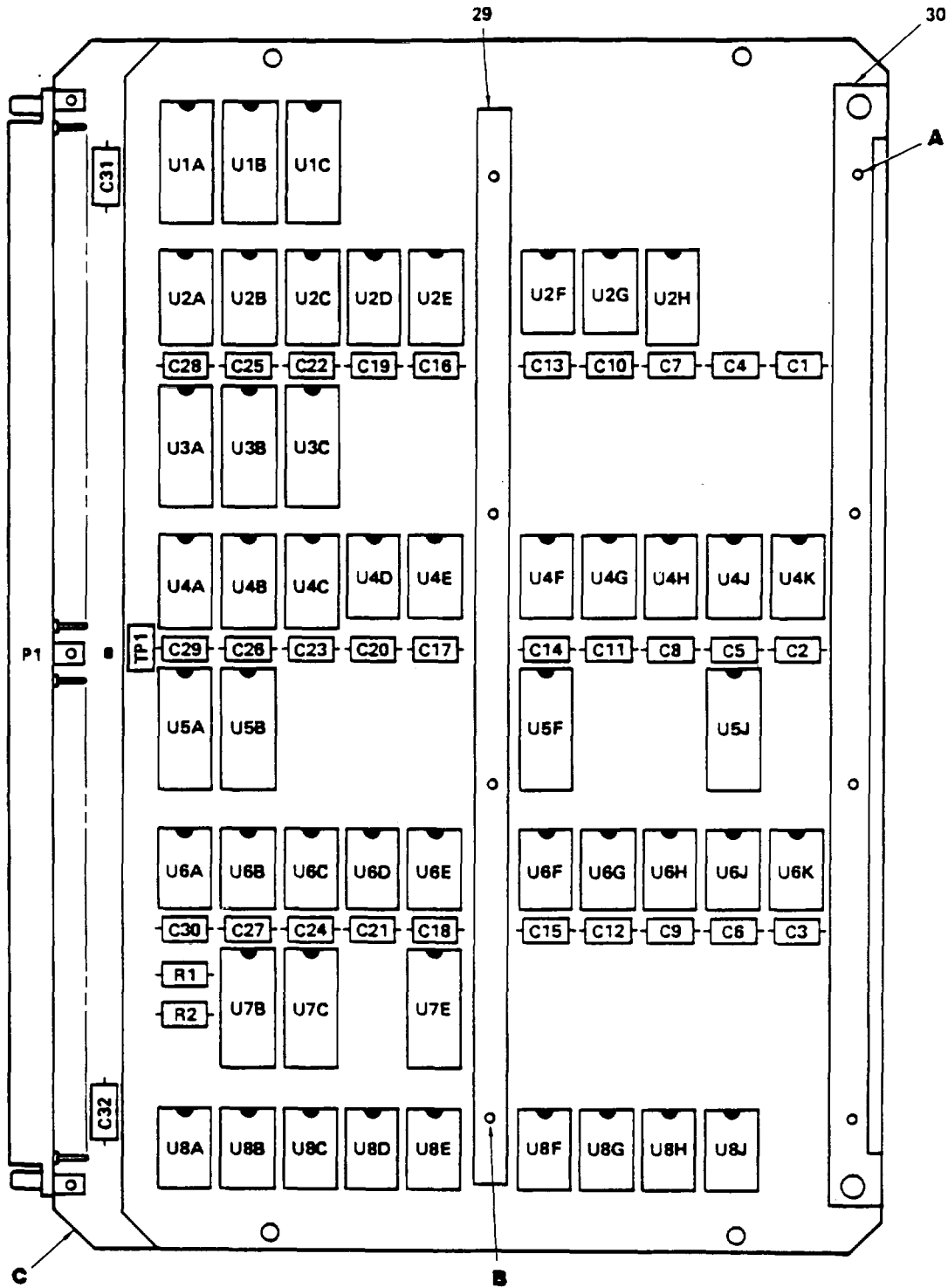
CEOGZ033

Figure 14. Circuit Card Assembly, Battery Regulator (A3) (Sheet 3 of 3)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 13 CIRCUIT CARD ASSEMBLY, BATTERY REGULATOR (A3)					
FIGURE 14					
1	PADZZ	57957	C5118063	MICROCIRCUIT, LINEAR .....	1
2	PADZA	81349	M38510/11704BYC	MICROCIRCUIT, LINEAR .....	1
3	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	25
4	PADZF	81349	M39003-01-2974	CAPACITOR, FIXED, ELE .....	1
5	PADZZ	81349	M39003/01-3094	CAPACITOR, FIXED, ELE .....	5
6	PADZZ	81349	M39003/01-2523	CAPACITOR, FIXED, ELE .....	3
7	PADZZ	81349	M39003/01-2542	CAPACITOR, FIXED .....	3
8	PADZZ	81349	JANTXV1N645	SEMICONDUCTOR, DIODE .....	3
9	PADZZ	81349	JANTXV1N5526	SEMICONDUCTOR, DIODE .....	1
10	PADZZ	81349	JANTXVIN5806	SEMICONDUCTOR, DIODE .....	3
11	PADZZ	81349	JANTXVIN973B-1	SEMICONDUCTOR DEVIC.....	1
12	PADZZ	81349	M83726/13-2001	RELAY, SOLID STATE.....	1
13	PADZZ	81349	M39016/19-030P	RELAY, ELECTROMAGNET.....	2
14	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL.....	1
15	PADZZ	81349	RNR55C2550FP	RESISTOR, FIXED .....	3
16	PADZZ	81349	RNR55C2551FP	RESISTOR, FIXED .....	1
17	PADZZ	81349	RCR07G102JS	RESISTOR, FIXED, COMP .....	2
18	PADZZ	81349	RJR24FP501R	RESISTOR, VARIABLE, N .....	2
19	PADZZ	81349	RCR07G391JS	RESISTOR, FIXED, COMP .....	1
20	PADZZ	81349	RJR24FP102R	RESISTOR, VARIABLE, N .....	1
21	PADZZ	81349	RCR07G821JS	RESISTOR, FIXED, COMP .....	1
22	PADZZ	81349	RCR05G683JS	RESISTOR, FIXED, COMP .....	1
23	PADZZ	81349	RCR05G102JS	RESISTOR, FIXED, COMP .....	3
24	PADZZ	81349	RCR05G104JS	RESISTOR, FIXED, COMP .....	2
25	PADZZ	81349	RCR07G331JS	RESISTOR, FIXED, COMP .....	1
26	PADZZ	81349	RCR07GIOJS	RESISTOR, FIXED, COMP .....	1
27	PADZZ	81349	RCR07G271JS	RESISTOR, FIXED, COMP .....	1
28	PADZZ	81349	RCR07G681JS	RESISTOR, FIXED, COMP .....	1
29	PADZZ	81349	RER60FIROOR	RESISTOR, FIXED, WIRE .....	1
30	PADZZ	81349	RCR05G753JS	RESISTOR, FIXED, COMP .....	1
31	PADZZ	81349	RCR05G204JS	RESISTOR, FIXED, COMP .....	1
32	PADZZ	81349	RCR05G224JS	RESISTOR, FIXED, COMP .....	1
33	PADZZ	81349	RWR80NIR50FP	RESISTOR, FIXED .....	1
34	PADZZ	81349	RER65F68R1R	RESISTOR, FIXED, WIRE .....	3
35	PADZZ	81349	RCR07G472JS	RESISTOR, FIXED, COMP .....	1
36	PADZZ	81349	M39024/12-12	CONNECTOR, RECEPTACL.....	5
37	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
38	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	1
39	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	1
40	PADZZ	81349	M38510-31504BEB	MICROCIRCUIT, DIGITA .....	3
41	PADZZ	81349	M38510/00801BCX	MICROCIRCUIT, DIGITA .....	1
42	PADZZ	81349	M38510-30005BCB	MICROCIRCUIT, DIGITA .....	1
43	PADZZ	81349	M38510/32401BRB	MICROCIRCUIT, DIGITA .....	2
44	PADZZ	81349	M38510-30009BCB	MICROCIRCUIT, DIGITA .....	2
45	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	2
46	PADZZ	81349	M38510/30102BCX	MICROCIRCUIT, DIGITA .....	2
47	PADZZ	81349	M38510-30107BEB	MICROCIRCUIT, DIGITA .....	2

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART	DESCRIPTION AND USABLE ON CODES (UOC)	
NO	CODE	CAGEC	NUMBER		QTY
48	PADZZ	81349	M8340102HIOOIJ	RESISTOR NETWORK, FI.....	1
49	PADZZ	81349	M38510/10902BCX	MICROCIRCUIT, LINEAR.....	1
50	PADZZ	81349	M38510/11201BCX	MICROCIRCUIT, LINEAR.....	1
51	PADZZ	81349	M38510/32203BEX	MICROCIRCUIT, DIGITA.....	2
52	PADZZ	81349	M38510/3040IBCB	MICROCIRCUIT, DIGITA.....	1
53	PADZZ	81349	M38510/12908BPX	MICROCIRCUIT, DIGITA.....	1
54	PADZZ	81349	M38510-10304BPB	MICROCIRCUIT, LINEAR.....	1
55	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
56	XBDZZ	57957	C5116874	STIFFENER, HEATSINK.....	1
57	PADZZ	81349	M38527/05-002N	MOUNTING PAD.....	2
58	PADZZ	96906	M520470A2-6	RIVET, SOLID.....	11
59	PADZZ	96906	MS35649-224	NUT, PLAIN, HEXAGON.....	8
60	PADZZ	96906	MS35338-134	WASHER, LOCK.....	8
61	PADZZ	80205	NAS6-20C2	WASHER, FLAT.....	8
62	PADZZ	96906	MS51957-4	SCREW, MACHINE.....	8
63	PADZZ	96906	MS35649-264	NUT, PLAIN, HEXAGON.....	4
64	PADZZ	96906	M535338-i36	WASHER, LOCK.....	4
65	PADZZ	96906	M577068-2	TERMINAL, LUG.....	2
66	PADZZ	81349	M38527/08-014N	INSULATOR PLATE.....	2
67	PADZZ	80205	NAS620-6	WASHER, FLAT.....	4
68	PADZZ	57957	C5118647	STUD, SELF-LOCKING.....	4
69	PADZZ	96906	MS20426A2-5	RIVET, SOLID.....	4
70	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL.....	2
71	XBDZZ	57957	C5116873	HEATSINK, BATTERY RE.....	1
72	XBDZZ	57957	C5116871	MULTIWIRE BD, BATTER.....	1
73	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

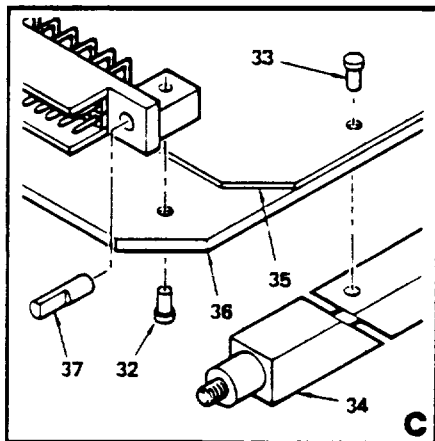
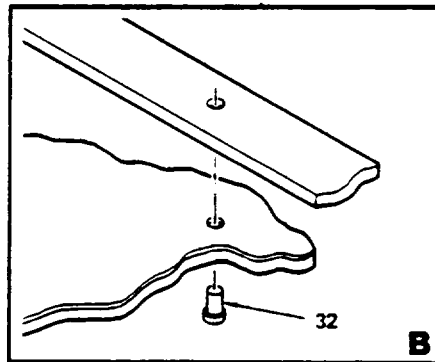
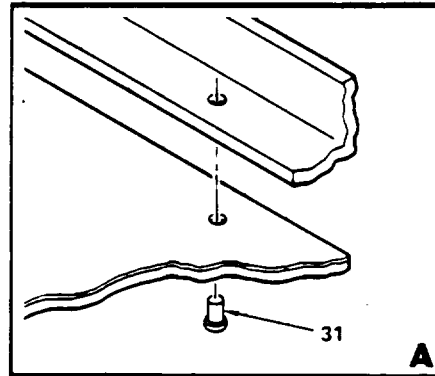
END OF FIGURE



CEOGZ034

Figure 15. Circuit Card Assembly, IFPCTRL A (A12) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	R1	4	U5C	-
C2	1	R2	4	U5D	-
C3	1			U5E	-
C4	1	TP1	5	U5F	21
C5	1			U5G	-
C6	1	U1A	6	U5H	-
C7	1	U1B	7	U5J	22
C8	1	U1C	8		
C9	1			U6A	20
C10	1	U2A	9	U6B	20
C11	1	U2B	9	U6C	20
C12	1	U2C	9	U6D	16
C13	1	U2D	9	U6E	20
C14	1	U2E	9	U6F	23
C15	1	U2F	10	U6G	17
C16	1	U2G	11	U6H	19
C17	1	U2H	12	U6J	11
C18	1			U6K	19
C19	1	U3A	13		
C20	1	U3B	6	U7A	-
C21	1	U3C	13	U7B	24
C22	1			U7C	25
C23	1	U4A	14	U7D	-
C24	1	U4B	14	U7E	26
C25	1	U4C	15		
C26	1	U4D	16	U8A	11
C27	1	U4E	11	U8B	11
C28	1	U4F	17	U8C	19
C29	1	U4G	11	U8D	11
C30	1	U4H	18	U8E	19
C31	2	U4J	19	U8F	16
C32	2	U4K	20	U8G	16
				U8H	27
P1	3	U5A	6	U8J	28
		U5B	6		



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A12.

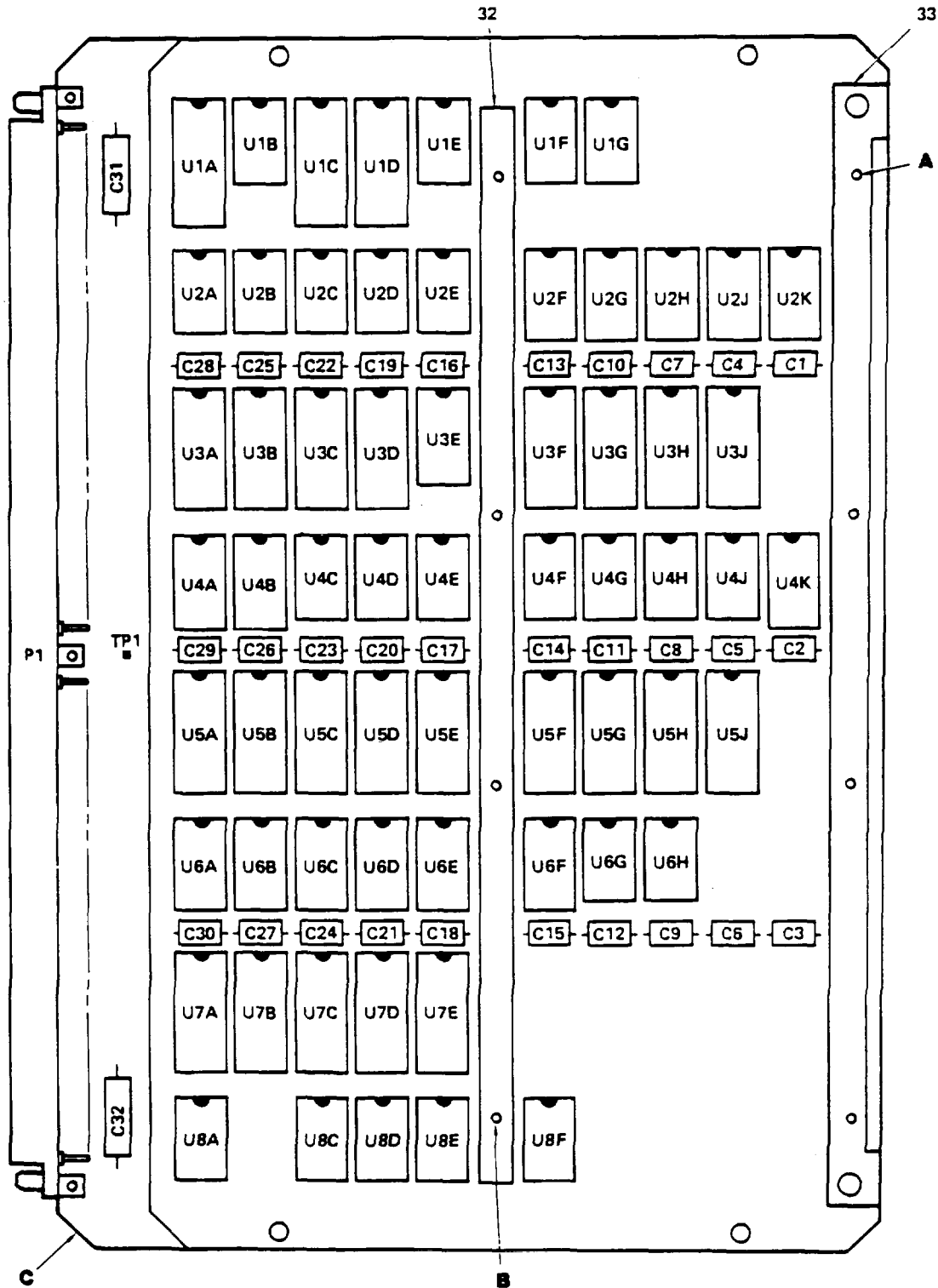
CEOGZ035

Figure 15. Circuit Card Assembly, IFPCTRL A (A12) (Sheet 2 of 2)

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	CAGEC	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 14 CIRCUIT CARD ASSEMBLY, IFPCTRL A (A12)					
FIGURE 15					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	30
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	81349	RCR05G102JS	RESISTOR, FIXED, COMP .....	2
5	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
6	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	4
7	PADZZ	57957	C5118270	MICROCIRCUIT, DIGITA .....	1
8	PADZZ	57957	C5118330	MICROCIRCUIT, DIGITA .....	1
9	PADZZ	67268	7802002EA	MICROCIRCUIT, LINEAR .....	5
10	PADZZ	81349	M38510/32301BCB	MICROCIRCUIT, DIGITA .....	1
11	PADZZ	81349	M38510/31004BCX	MICROCIRCUIT, DIGITA .....	7
12	PADZZ	81349	M8340102H2001JB	RESISTOR NETWORK, FI.....	1
13	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	2
14	PADZZ	81349	M38510/30902BEX	MICROCIRCUIT, DIGITA .....	2
15	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	1
16	PADZZ	81349	M38510/30102BCX	MICROCIRCUIT, DIGITA .....	4
17	PADZZ	81349	M38510-30301BCB	MICROCIRCUIT, DIGITA .....	2
18	PADZZ	81349	M38510/30001BCX	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	5
20	PADZZ	57957	C5118574	DELAY LINE .....	5
21	PADZZ	57957	C5116775	JUMPER MODULE ASSY .....	1
22	PADZZ	57957	C5117996	JUMPER MODULE ASSY .....	1
23	PADZZ	81349	M38510/07003BCX	MICROCIRCUIT, DIGITA .....	1
24	PADZZ	57957	C5116774	JUMPER MODULE ASSY .....	1
25	PADZZ	57957	C5116776	JUMPER MODULE ASSY .....	1
26	PADZZ	57957	C5116773	JUMPER MODULE ASSY .....	1
27	PADZZ	81349	M38510/30501BCX	MICROCIRCUIT, DIGITA .....	1
28	PADZZ	81349	M38510/30302BCX	MICROCIRCUIT, DIGITA .....	1
29	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
30	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK.....	1
31	PADZZ	96906	MS20470A2-5	RIVET, SOLID.....	4
32	PADZZ	96906	MS20470A2-6	RIVET, SOLID.....	7
33	PADZZ	96906	MS20426A2-5	RIVET, SOLID.....	4
34	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
35	XBDZZ	57957	C5116782	HEATSINK, IFPCTRLA .....	1
36	XBDZZ	57957	C5116779	MULTIWIRE BD, IFPCTR .....	1
37	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

END OF FIGURE



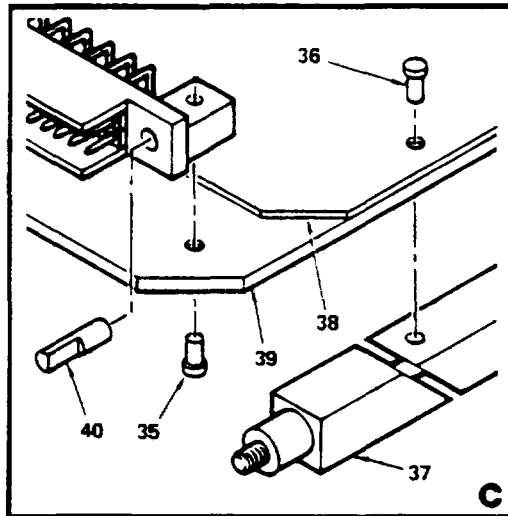
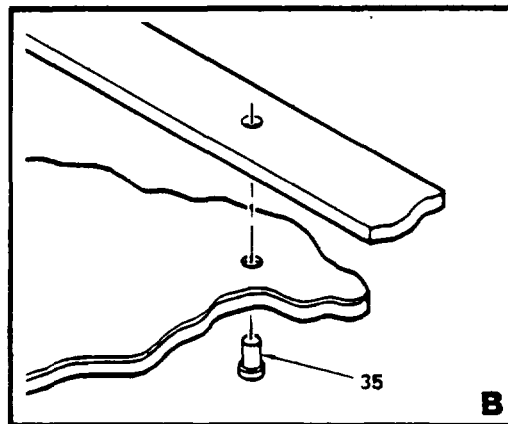
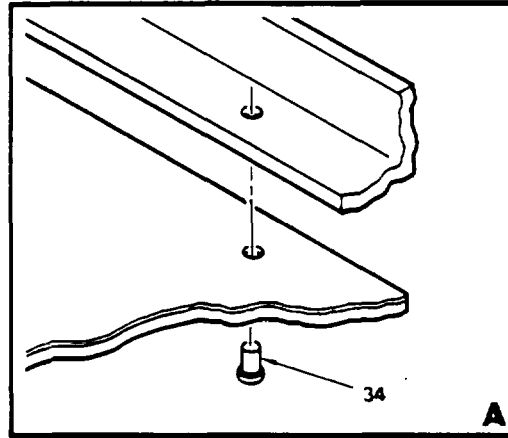


CEOGZ036

Figure 16. Circuit Card Assembly, IFPCIRL B (A13) (Sheet 1 of 2)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	U1A	5	U4H	6
C2	1	U1B	6	U4J	11
C3	1	U1C	7	U4K	24
C4	1	U1D	8		
C5	1	U1E	9	U5A	15
C6	1	U1F	10	U5B	25
C7	1	U1G	11	U5C	26
C8	1			U5D	5
C9	1	U2A	10	U5E	15
C10	1	U2B	9	U5F	5
C11	1	U2C	12	U5G	15
C12	1	U2D	12	U5H	15
C13	1	U2E	9	U5J	15
C14	1	U2F	13		
C15	1	U2G	14	U6A	27
C16	1	U2H	14	U6B	28
C17	1	U2J	14	U6C	14
C18	1	U2K	14	U6D	14
C19	1			U6E	14
C20	1	U3A	15	U6F	14
C21	1	U3B	16	U6G	23
C22	1	U3C	17	U6H	6
C23	1	U3D	18		
C24	1	U3E	19	U7A	15
C25	1	U3F	20	U7B	15
C26	1	U3G	20	U7C	5
C27	1	U3H	15	U7D	5
C28	1	U3J	15	U7E	29
C29	1				
C30	1	U4A	13	U8A	6
C31	2	U4B	21	U8B	-
C32	2	U4C	9	U8C	30
		U4D	22	U8D	31
P1	3	U4E	9	U8E	22
		U4F	23	U8F	22
TP1	4	U4G	6		

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A13.

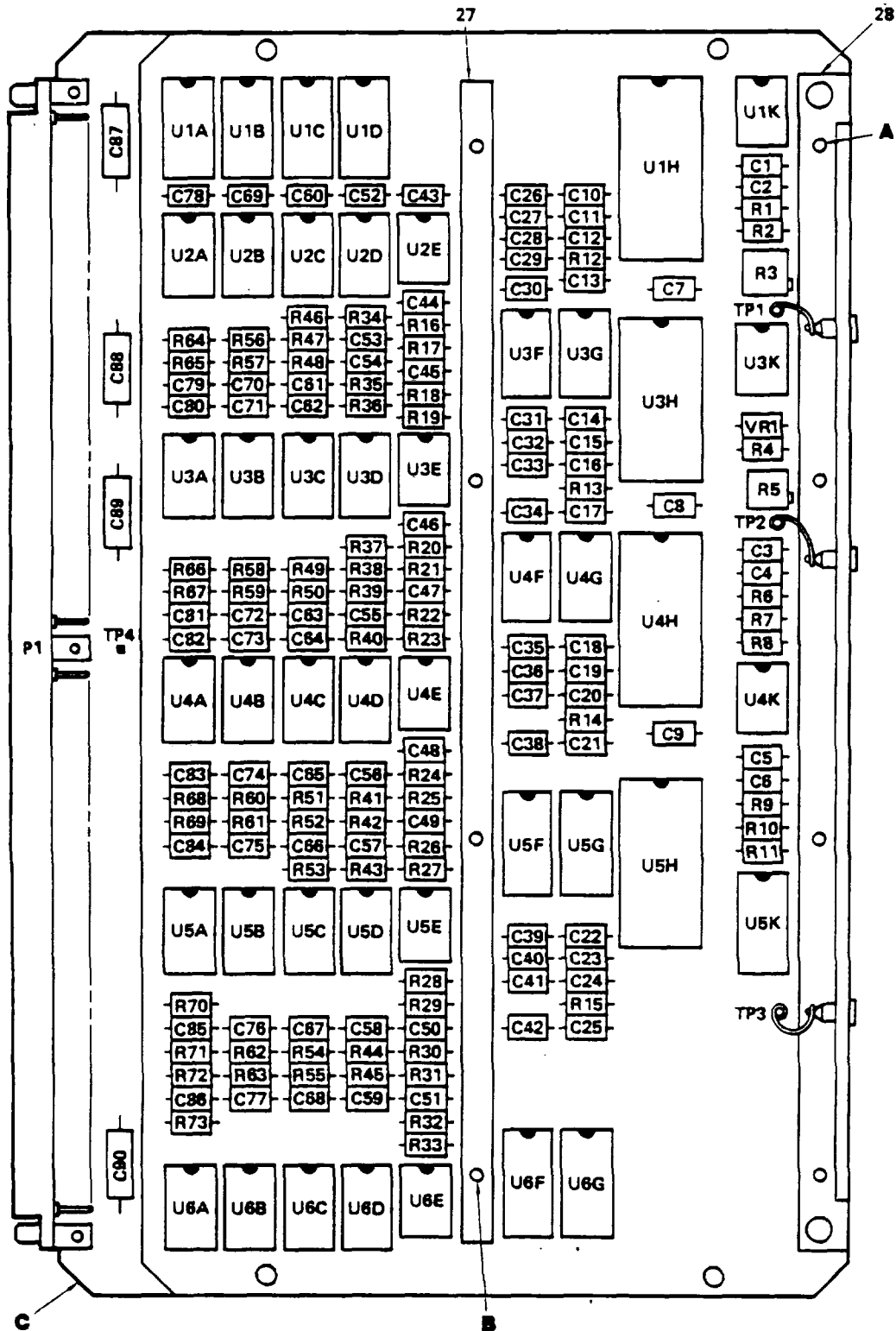


CEOGZ037

Figure 16. Circuit Card Assembly, IFPRCRL B (A13) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 15 CIRCUIT CARD ASSEMBLY, IFPCTRL B (A13)					
FIGURE 16					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	30
2	PADZZ	81349	M39003/01-2764	CAPACITOR, FIXED .....	2
3	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
4	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
5	PADZZ	81349	M38510/32501BRB	MICROCIRCUIT, DIGITA .....	5
6	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	5
7	PADZZ	57957	C5118324	MICROCIRCUIT, DIGITA .....	1
8	PADZZ	57957	C5090988	MICROCIRCUIT, DIGITA .....	1
9	PADZZ	57957	C5118559	MICROCIRCUIT, DIGITA .....	5
10	PADZZ	81349	M38510-30301BCB	MICROCIRCUIT, DIGITA .....	2
11	PADZZ	81349	M38510/31004BCX	MICROCIRCUIT, DIGITA .....	2
12	PADZZ	81349	M38510-30006BCB	MICROCIRCUIT, DIGITA .....	2
13	PADZZ	14933	7802301EX	MICROCIRCUIT, LINEAR .....	2
14	PADZZ	80063	SM-A-873609	MICROCIRCUIT, DIGITA .....	8
15	PADZZ	57957	C5118529	MICROCIRCUIT, DIGITA .....	10
16	PADZZ	57957	C5118255	MICROCIRCUIT, DIGITA .....	1
17	PADZZ	57957	C5118349	MICROCIRCUIT DIGITA .....	1
18	PADZZ	57957	C5118350	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	81349	M38510/32203BEX	MICROCIRCUIT, DIGITA .....	1
20	PADZZ	57957	C5118262	MICROCIRCUIT, DIGITA .....	2
21	PADZZ	81349	M8340102H4700JB	RESISTOR, NETWORK, FI .....	1
22	PADZZ	81349	M38510/07101BCX	MICROCIRCUIT, DIGITA .....	3
23	PADZZ	81349	M38510/30501BCX	MICROCIRCUIT, DIGITA .....	2
24	PADZZ	81349	M38510-30107BEB	MICROCIRCUIT, DIGITA .....	1
25	PADZZ	57957	C5118343	MICROCIRCUIT, DIGITA .....	1
26	PADZZ	57957	C5090989	MICROCIRCUIT, DIGITA .....	1
27	PADZZ	81349	M38510-30109BEB	MICROCIRCUIT, DIGITA .....	1
28	PADZZ	81349	M38510/30702BCX	MICROCIRCUIT, DIGITA .....	1
29	PADZZ	57957	C5090987	MICROCIRCUIT, DIGITA .....	1
30	PADZZ	81349	M38510/30401BCB	MICROCIRCUIT, DIGITA .....	1
31	PADZZ	81349	M38510-31302BCB	MICROCIRCUIT, DIGITA .....	1
32	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK .....	1
33	XBDZZ	80063	SM-C-873581	STIFFENER, HEATSINK .....	1
34	PADZZ	96906	MS20470A2-5	RIVET, SOLID .....	4
35	PADZZ	96906	MS20470A2-6	RIVET, SOLID .....	7
36	PADZZ	96906	MS20426A2-5	RIVET, SOLID .....	4
37	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
38	XBDZZ	57957	C5116787	HEATSINK, IFPCTR .....	1
39	XBDZZ	57957	C5116784	MULTIWIRE BD, IFPCTR .....	1
40	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2

END OF FIGURE



CEOGZ038

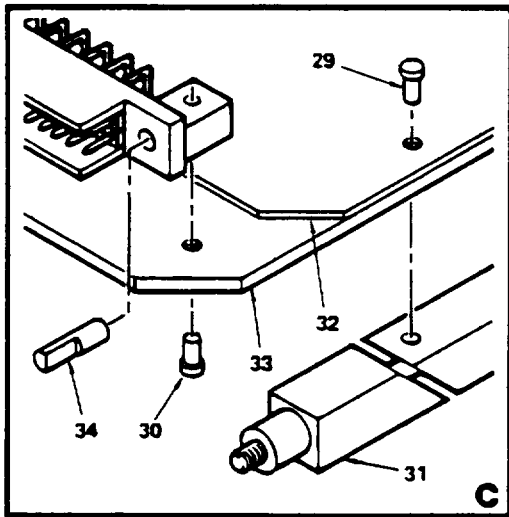
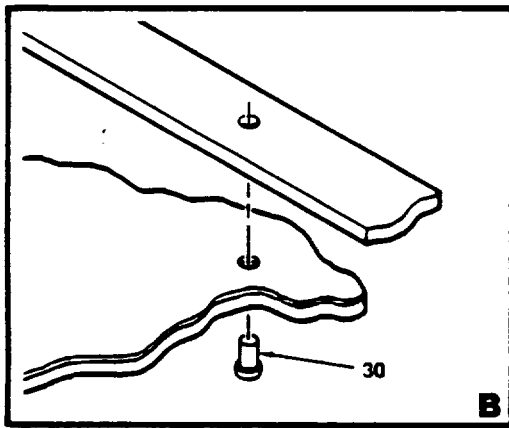
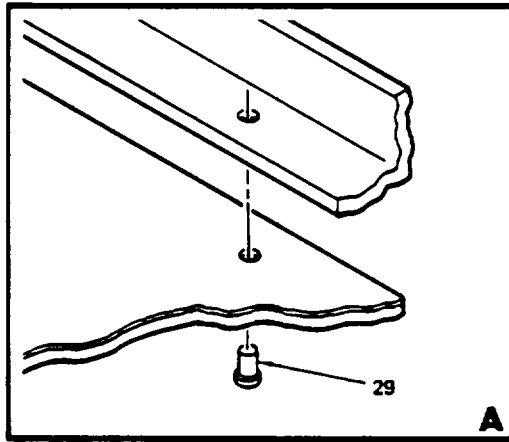
Figure 17. Circuit Card Assembly, Digitizer AI (A5) (Sheet 1 of 3)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C34	1	C67	1	R7	8	R40	12	R73	8	U4A	21
C2	1	C35	1	C68	1	R8	8	R41	12			U4B	21
C3	1	C36	1	C69	1	R9	8	R42	12	TP1	13	U4C	21
C4	1	C37	1	C70	1	R10	8	R43	8	TP2	13	U4D	21
C5	1	C38	1	C71	1	R11	8	R44	12	TP3	13	U4E	22
C6	1	C39	1	C72	1	R12	9	R45	12	TP4	14	U4F	23
C7	1	C40	1	C73	1	R13	9	R46	8			U4G	23
C8	1	C41	1	C74	1	R14	9	R47	12	U1A	15	U4H	17
C9	1	C42	1	C75	1	R15	9	R48	12	U1B	15	U4K	18
C10	1	C43	1	C76	1	R16	10	R49	12	U1C	16		
C11	1	C44	1	C77	1	R17	10	R50	12	U1D	16	U5A	21
C12	1	C45	1	C78	1	R18	11	R51	12	U1E	-	U5B	21
C13	1	C46	1	C79	1	R19	11	R52	12	U1F	-	U5C	21
C14	1	C47	1	C80	1	R20	10	R53	8	U1G	-	U5D	21
C15	1	C48	1	C81	1	R21	10	R54	12	U1H	17	U5E	22
C16	1	C49	1	C82	1	R22	11	R55	12	U1K	18	U5F	23
C17	1	C50	1	C83	1	R23	11	R56	12			U5G	23
C18	1	C51	1	C84	1	R24	10	R57	12	U2A	19	U5H	24
C19	1	C52	1	C85	1	R25	10	R58	12	U2B	19	U5K	25
C20	1	C53	1	C86	1	R26	11	R59	12	U2C	19		
C21	1	C54	1	C87	2	R27	11	R60	12	U2D	19	U6A	21
C22	1	C55	1	C88	3	R28	8	R61	12	U2E	20	U6B	21
C23	1	C56	1	C89	3	R29	8	R62	12			U6C	21
C24	1	C57	1	C90	2	R30	10	R63	12	U3A	21	U6D	21
C25	1	C58	1			R31	10	R64	12	U3B	21	U6E	22
C26	1	C59	1	P1	4	R32	11	R65	12	U3C	21	U6F	23
C27	1	C60	1			R33	11	R66	12	U3D	21	U6G	23
C28	1	C61	1	R1	5	R34	8	R67	12	U3E	22		
C29	1	C62	1	R2	5	R35	12	R68	12	U3F	23	VR1	26
C30	1	C63	1	R3	6	R36	12	R69	12	U3G	23		
C31	1	C64	1	R4	7	R37	8	R70	8	U3H	24		
C32	1	C65	1	R5	6	R38	8	R71	12	U3K	18		
C33	1	C66	1	R6	8	R39	12	R72	12				

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A6.

CEOGZ039

Figure 17. Circuit Card Assembly, Digitizer AI (A5) (Sheet 2 of 3)

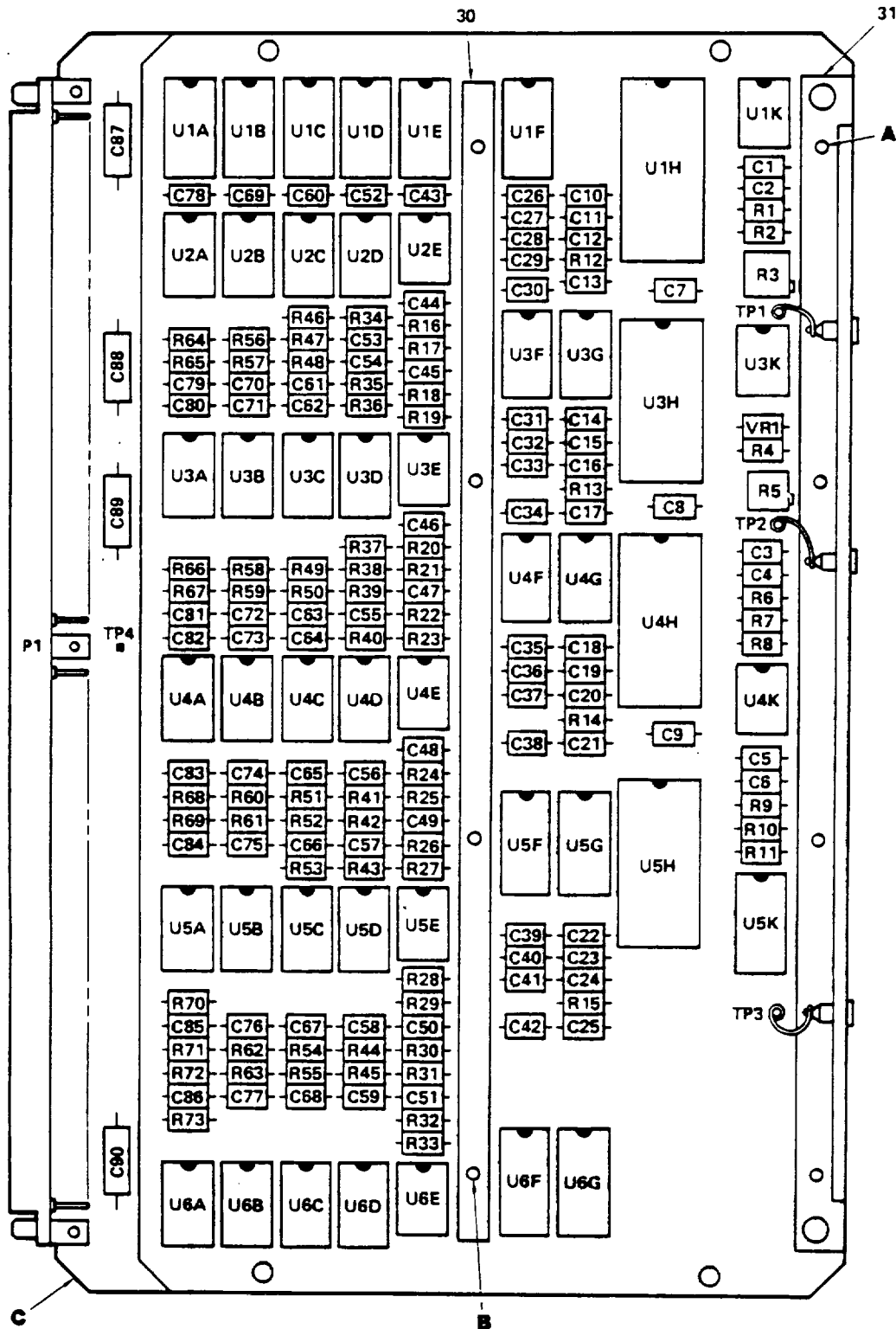


CEOGZ040

Figure 17. Circuit Card Assembly, Digitizer AI (A5) (Sheet 3 of 3)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 16 CIRCUIT CARD ASSEMBLY, DIGITIZER AI (A5)					
FIGURE 17					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	86
2	PADZZ	81349	CS13AC330M	CAPACITOR, FIXED, ELE .....	2
3	PADZZ	81349	M39003-01-3076	CAPACITOR, FIXED, ELE .....	2
4	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
5	PADZZ	81349	RLR05C1002GS	RESISTOR, FIXED, FILM.....	2
6	PADZZ	81349	RJR26FP502P	POTENTIOMETER .....	2
7	PADZZ	81349	RLR07C6800GR	RESISTOR, FIXED .....	1
8	PADZZ	81349	RNR50E1001BP	RESISTOR, FIXED .....	16
9	PADZZ	81349	RCR05G472JS-	RESISTOR, FIXED, COMP .....	4
10	PADZZ	81349	RNR50E9530BP	RESISTOR, FIXED .....	8
11	PADZZ	81349	RNR50E4420BP	RESISTOR, FIXED .....	8
12	PADZZ	81349	RCR05G241JS	RESISTOR, FIXED, COMP .....	32
13	PADZZ	81349	M39024/12-12	CONNECTOR, RECEPTACL .....	3
14	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
15	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	2
16	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	2
17	PADZZ	57957	C5118227	MICROCIRCUIT, DIGITA .....	2
18	PADZZ	81349	M38510/11906BCX	MICROCIRCUIT, LINEA .....	3
19	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	4
20	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	1
21	PADZZ	57957	C5118521	MICROCIRCUIT, DIGITA .....	16
22	PADZZ	57957	C5118482	MICROCIRCUIT, LINEAR .....	4
23	PADZZ	81349	JANTXVIN829-1	SEMICONDUCTOR DEVIC.....	1
24	PADZZ	57957	C5118233	MICROCIRCUIT, DIGITA .....	2
25	PADZZ	57957	C5116777	JUMPER MODULE ASSY .....	1
26	PADZZ	81349	JANTXV1N829-1	SEMICONDUCTOR DEVIC.....	1
27	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
28	XBDZZ	57957	C5116861	STIFFENER, HEATSINK.....	1
29	PADZZ	96906	MS20426A2-5	RIVET, SOLID.....	8
30	PADZZ	96906	MS20470A2-6	RIVET, SOLID.....	7
31	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
32	XBDZZ	57957	C5116792	HEATSINK, DIGITIZER .....	1
33	XBDZZ	57957	C5116789	MULTIWIRE BD, DIGITI .....	1
34	PADZZ	81349	M28754/24-01	GUIDE;, ELECTRICAL COO .....	2

END OF FIGURE



CEOGZ044

Figure 18. Circuit Card Assembly, Digitizer A2 (A6) (Sheet 1 of 3)

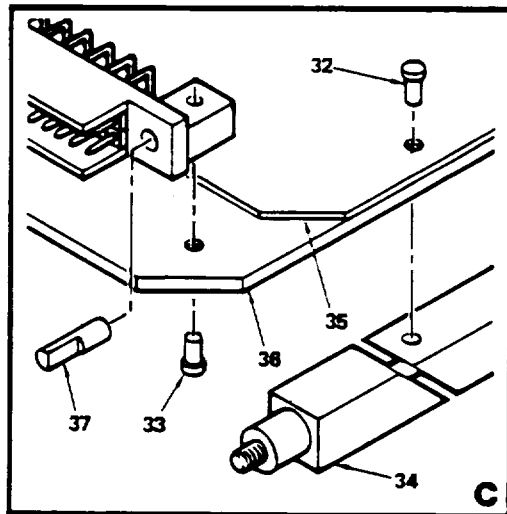
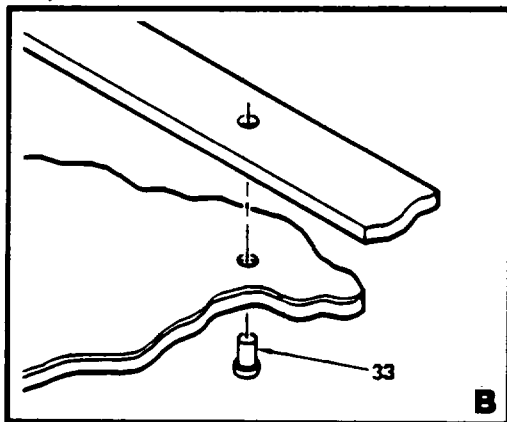
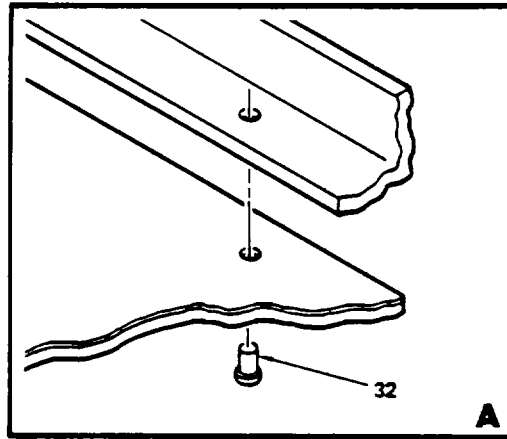


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C34	1	C67	1	R7	8	R40	12	R73	8	U4A	22
C2	1	C35	1	C68	1	R8	8	R41	12			U4B	22
C3	1	C36	1	C69	1	R9	8	R42	12	TP1	13	U4C	22
C4	1	C37	1	C70	1	R10	8	R43	8	TP2	13	U4D	22
C5	1	C38	1	C71	1	R11	8	R44	12	TP3	13	U4E	23
C6	1	C39	1	C72	1	R12	9	R45	12	TP4	14	U4F	24
C7	1	C40	1	C73	1	R13	9	R46	8			U4G	24
C8	1	C41	1	C74	1	R14	9	R47	12	U1A	15	U4H	26
C9	1	C42	1	C75	1	R15	9	R48	12	U1B	15	U4K	19
C10	1	C43	1	C76	1	R16	10	R49	12	U1C	16		
C11	1	C44	1	C77	1	R17	10	R50	12	U1D	16	U5A	22
C12	1	C45	1	C78	1	R18	11	R51	12	U1E	17	U5B	22
C13	1	C46	1	C79	1	R19	11	R52	12	U1F	17	U5C	22
C14	1	C47	1	C80	1	R20	10	R53	8	U1G	-	U5D	22
C15	1	C48	1	C81	1	R21	10	R54	12	U1H	18	U5E	23
C16	1	C49	1	C82	1	R22	11	R55	12	U1K	19	U5F	24
C17	1	C50	1	C83	1	R23	11	R56	12			U5G	24
C18	1	C51	1	C84	1	R24	10	R57	12	U2A	20	U5H	27
C19	1	C52	1	C85	1	R25	10	R58	12	U2B	20	U5K	28
C20	1	C53	1	C86	1	R26	11	R59	12	U2C	20		
C21	1	C54	1	C87	2	R27	11	R60	12	U2D	20	U6A	22
C22	1	C55	1	C88	3	R28	8	R61	12	U2E	21	U6B	22
C23	1	C56	1	C89	3	R29	8	R62	12			U6C	22
C24	1	C57	1	C90	2	R30	10	R63	12	U3A	22	U6D	22
C25	1	C58	1			R31	10	R64	12	U3B	22	U6E	23
C26	1	C59	1	P1	4	R32	11	R65	12	U3C	22	U6F	24
C27	1	C60	1			R33	11	R66	12	U3D	22	U6G	24
C28	1	C61	1	R1	5	R34	8	R67	12	U3E	23		
C29	1	C62	1	R2	5	R35	12	R68	12	U3F	24	VR1	29
C30	1	C63	1	R3	6	R36	12	R69	12	U3G	24		
C31	1	C64	1	R4	7	R37	8	R70	8	U3H	25		
C32	1	C65	1	R5	6	R38	8	R71	12	U3K	19		
C33	1	C66	1	R6	8	R39	12	R72	12				

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A6.

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Figure 18. Circuit Card Assembly, Digitizer A2 (A6) (Sheet 2 of 3)

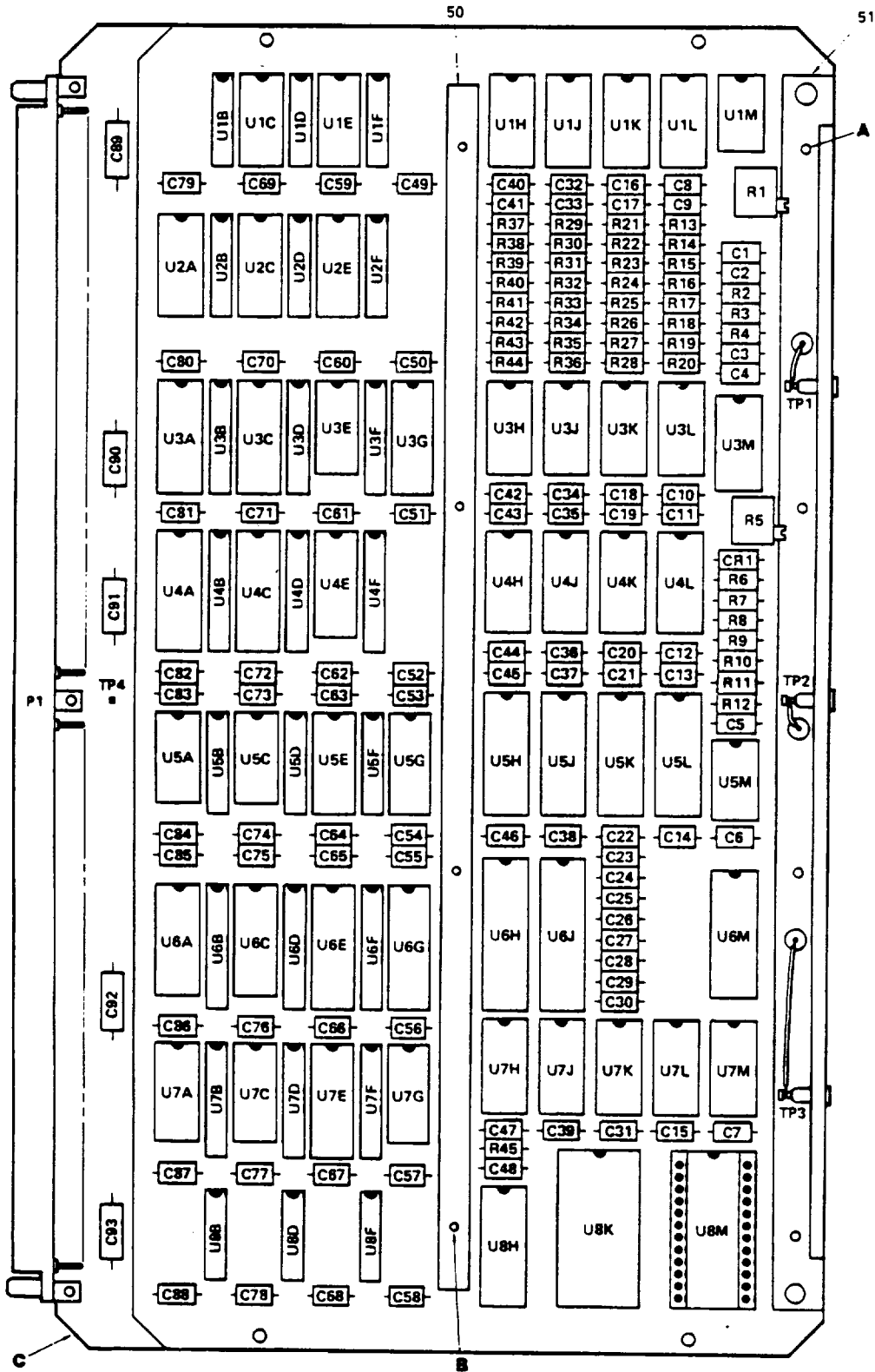


CEOGZ046

Figure 18. Circuit Card Assembly, Digitizer A2 (A6) (Sheet 3 of 3)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 17 CIRCUIT CARD ASSEMBLY, DIGITIZER A2 (A6)					
FIGURE 18					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	86
2	PADZZ	81349	CS13AC330M	CAPACITOR, FIXED, ELE .....	2
3	PADZZ	81349	M39003-01-3076	CAPACITOR, FIXED, ELE .....	2
4	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL .....	1
5	PADZZ	81349	RLR05CIOO2GS	RESISTOR, FIXED, FILM.....	2
6	PADZZ	81349	RJR26FP502P	POTENTIOMETER .....	2
7	PADZZ	81349	RLR07C6800GR	RESISTOR, FIXED .....	1
8	PADZZ	81349	RNR50HIOOIBP	RESISTOR, FIXED .....	16
9	PADZZ	81349	RCR05G472JS	RESISTOR, FIXED, COMP .....	4
10	PADZZ	81349	RNR50H9530BP	RESISTOR, FIXED .....	8
11	PADZZ	81349	RNR50H4420OBP	RESISTOR, FIXED .....	8
12	PADZZ	81349	RCR05G241JS	RESISTOR, FIXED, COMP .....	32
13	PADZZ	81349	M39024/12-12	CONNECTOR, RECEPTACL .....	3
14	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
15	PADZZ	81349	M38510/32403BRB	MICROCIRCUIT, DIGITA .....	2
16	PADZZ	81349	M38510-32503BRB	MICROCIRCUIT, DIGITA .....	2
17	PADZZ	81349	M38510/32502BRX	MICROCIRCUIT, DIGITA .....	2
18	MDDZZ	57957	C5116850	PLATE, IDENTIFICATIO .....	1
19	PADZZ	81349	M38510/11906BCX	MICROCIRCUIT, LINEA.....	3
20	PADZZ	81349	M38510/30701BEX	MICROCIRCUIT, DIGITA .....	4
21	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	1
22	PADZZ	57957	C5118521	MICROCIRCUIT, DIGITA .....	16
23	PADZZ	57957	C5118482	MICROCIRCUIT, LINEAR .....	4
24	PADZZ	57957	C5118537	MICROCIRCUIT, LINEAR .....	8
25	PADZZ	57957	C5118305	MICROCIRCUIT, DIGITA .....	1
26	PADZZ	57957	C5118227	MICROCIRCUIT, DIGITA .....	1
27	PADZZ	57957	C5118233	MICROCIRCUIT, DIGITA .....	1
28	PADZZ	57957	C5116777	JUMPER MODULE ASSY .....	1
29	PADZZ	81349	JANTXVIN829-1	SEMICONDUCTOR DEVIC.....	1
30	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
31	XBDZZ	57957	C5116861	STIFFENER, HEATSINK.....	1
32	PADZZ	96906	M520426A2-5	RIVET, SOLID.....	8
33	PADZZ	96906	MS20470A2-6	RIVET, SOLID.....	7
34	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
35	XBDZZ	57957	C5116792	HEATSINK, DIGITIZER .....	1
36	XBDZZ	57957	C5116789	MULTIWIRE BD, DIGITI .....	1
37	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO .....	2

END OF FIGURE



CEOGZ047

Figure 19. Circuit Card Assembly, Digitizer B (A7) (Sheet 1 of 3)

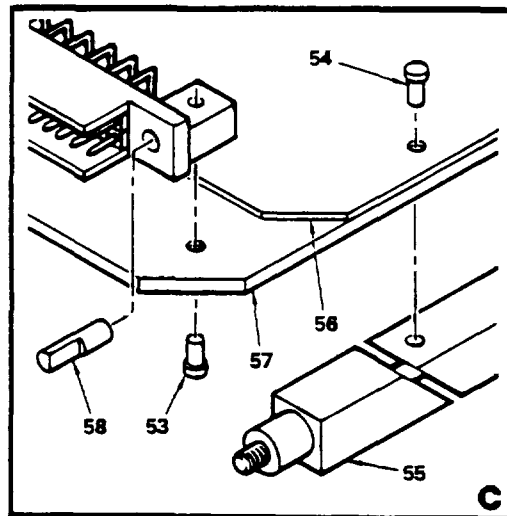
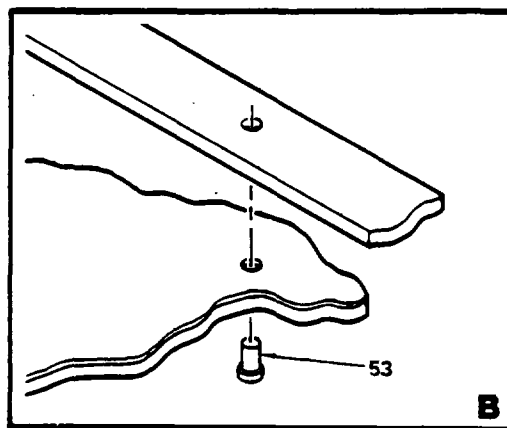
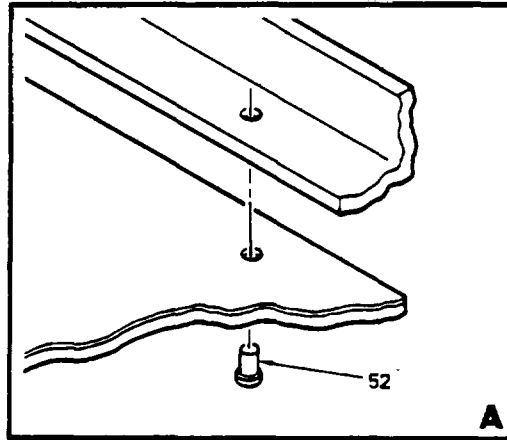
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C40	1	C79	1	R20	13	U1H	20
C2	1	C41	1	C80	1	R21	11	U1J	20
C3	1	C42	1	C81	1	R22	11	U1K	20
C4	1	C43	1	C82	1	R23	13	U1L	20
C5	1	C44	1	C83	1	R24	10	U1M	21
C6	1	C45	1	C84	1	R25	10		
C7	1	C46	1	C85	1	R26	10	U2A	22
C8	1	C47	1	C86	1	R27	10	U2B	23
C9	1	C48	2	C87	1	R28	13	U2C	22
C10	1	C49	1	C88	1	R29	11	U2D	17
C11	1	C50	1	C89	3	R30	11	U2E	24
C12	1	C51	1	C90	4	R31	10	U2F	17
C13	1	C52	1	C91	4	R32	10		
C14	1	C53	1	C92	4	R33	10	U3A	22
C15	1	C54	1	C93	3	R34	10	U3B	25
C16	1	C55	1			R35	10	U3C	22
C17	1	C56	1	CR1	5	R36	13	U3D	17
C18	1	C57	1			R37	11	U3E	26
C19	1	C58	1	P1	6	R38	11	U3F	27
C20	1	C59	1			R39	10	U3G	28
C21	1	C60	1	R1	7	R40	10	U3H	29
C22	1	C61	1	R2	8	R41	10	U3J	29
C23	1	C62	1	R3	8	R42	10	U3K	29
C24	1	C63	1	R4	9	R43	10	U3L	29
C25	1	C64	1	R5	7	R44	13	U3M	21
C26	1	C65	1	R6	10	R45	14		
C27	1	C66	1	R7	10			U4A	24
C28	1	C67	1	R8	10	TP1	15	U4B	17
C29	1	C68	1	R9	10	TP2	15	U4C	30
C30	1	C69	1	R10	10	TP3	15	U4D	17
C31	1	C70	1	R11	10	TP4	16	U4E	31
C32	1	C71	1	R12	10			U4F	27
C33	1	C72	1	R13	11	U1A	-	U4G	-
C34	1	C73	1	R14	11	U1B	17	U4H	32
C35	1	C74	1	R15	10	U1C	18	U4J	32
C36	1	C75	1	R16	10	U1D	17	U4K	32
C37	1	C76	1	R17	10	U1E	19	U4L	29
C38	1	C77	1	R18	12	U1F	17		
C39	1	C78	1	R19	12	U1G	-		

NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A17.

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Figure 19. Circuit Card Assembly, Digitizer B (A7) (Sheet 2 of 3)

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
U5A	33	U8A	-
U5B	17	U8B	17
U5C	34	U8C	-
U5D	17	U8D	17
U5E	35	U8E	-
U5F	17	U8F	17
U5G	36	U8G	-
U5H	37	U8H	37
U5J	37	U8J	-
U5K	37	U8K	48
U5L	37	U8L	-
U5M	21	U8M	49
U6A	38		
U6B	17		
U6C	39		
U6D	17		
U6E	36		
U6F	17		
U6G	36		
U6H	40		
U6J	40		
U6L	-		
U6M	41		
U7A	33		
U7B	17		
U7C	39		
U7D	17		
U7E	42		
U7F	17		
U7G	43		
U7H	43		
U7J	44		
U7K	45		
U7L	46		
U7M	47		



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Figure 19. Circuit Card Assembly, Digitizer B (A7) (Sheet 3 of 3)

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 18 CIRCUIT CARD ASSEMBLY, DIGITIZER B (A7)					
FIGURE 19					
1	PADZZ	81349	M39014/05-2055	CAPACITOR, FIXED .....	87
2	PADZZ	81349	M39014/05-2819	CAPACITOR, FIXED .....	1
3	PADZZ	81349	CS13AC330M	CAPACITOR, FIXED, ELE .....	2
4	PADZZ	81349	M39003-01-3076	CAPACITOR, FIXED, ELE .....	3
5	PADZZ	81349	JANTXVIN829-1	SEMICONDUCTOR DEVIC.....	1
6	PADZZ	80063	SM-A-873545	CONNECTOR, RECEPTACL.....	1
7	PADZZ	81349	RJR26FP502P	POTENTIOMETER.....	2
8	PADZZ	81349	RLR05C1OO2GS	RESISTOR, FIXED, FILM.....	2
9	PADZZ	81349	RLR07C6800GR	RESISTOR, FIXED.....	1
10	PADZZ	81349	RNR50EIOO1BP	RESISTOR, FIXED.....	24
11	PADZZ	81349	RCR05G241JS	RESISTOR, FIXED, COMP .....	8
12	PADZZ	81349	RNR50E9530BP	RESISTOR, FIXED.....	2
13	PADZZ	81349	RNC50H100OBS	RESISTOR, FIXED, FILM.....	5
14	PADZZ	81349	RCR05G132JS	RESISTOR, FIXED, COMP .....	1
15	PADZZ	81349	M39024/12-12	CONNECTOR, RECEPTACL.....	3
16	PADZZ	57957	C5118465	CONTACT, ELECTRICAL .....	1
17	PADZZ	81349	M8340108H5100JC	RESISTOR, NETWORK, FI.....	20
18	PADZZ	81349	M38510-06201BEB	MICROCIRCUIT, DIGITA .....	1
19	PADZZ	81349	M38510-06006BEB	MICROCIRCUIT, DIGITA .....	1
20	PADZZ	57957	C5118521	MICROCIRCUIT, DIGITA .....	4
21	PADZZ	81349	M38510/11906BCX	MICROCIRCUIT, LINEA.....	3
22	PADZZ	57957	C5118533	MICROCIRCUIT, DIGITA .....	4
23	PADZZ	81349	M8340108H1200JG	RESISTOR, NETWORK, FI.....	1
24	PADZZ	81349	M38510-06302BEB	MICROCIRCUIT, DIGITA .....	2
25	PADZZ	81349	M8340108H2200JG	RESISTOR, NETWORK, FI.....	1
26	PADZZ	81349	M38510/30501BCX	MICROCIRCUIT, DIGITA .....	1
27	PADZZ	81349	M8340108H4701JC	RESISTOR, NETWORK, FI.....	2
28	PADZZ	81349	M38510-31602BEB	MICROCIRCUIT, DIGITA .....	1
29	PADZZ	57957	C5118482	MICROCIRCUIT, LINEAR .....	5
30	PADZZ	81349	M38510-06301BEB	MICROCIRCUIT, DIGITA .....	1
31	PADZZ	81349	M38510-30007BCB	MICROCIRCUIT, DIGITA .....	1
32	PADZZ	57957	C5118548	MICROCIRCUIT, LINEAR .....	3
33	PADZZ	81349	M38510/30106BEX	MICROCIRCUIT, DIGITA .....	2
34	PADZZ	81349	M38510-30003BCB	MICROCIRCUIT, DIGITA .....	1
35	PADZZ	81349	M38510-07901BEB	MICROCIRCUIT, DIGITA .....	1
36	PADZZ	81349	M38510-31504BEB	MICROCIRCUIT, DIGITA .....	3
37	PADZZ	81349	M38510/32502BRX	MICROCIRCUIT, DIGITA .....	5
38	PADZZ	81349	M38510-07105BEB	MICROCIRCUIT, DIGITA .....	1
39	PADZZ	81349	M38510/07101BCX	MICROCIRCUIT, DIGITA .....	2
40	PADZZ	57957	C5118537	MICROCIRCUIT, LINEAR .....	2
41	PADZZ	57957	C5117957	JUMPER MODULE ASSY .....	1
42	PADZZ	81349	M38510-07301BCB	MICROCIRCUIT, DIGITA .....	1
43	PADZZ	81349	JM38510/08003BC	MICROCIRCUIT, DIGITA .....	2
44	PADZZ	81349	M38510/30102BCX	MICROCIRCUIT, DIGITA .....	1
45	PADZZ	81349	M38510-30009BCB	MICROCIRCUIT, DIGITA .....	1
46	PADZZ	81349	M38510/01201BCX	MICROCIRCUIT, DIGITA .....	1
47	PADZZ	81349	M38510/32301BCB	MICROCIRCUIT, DIGITA .....	1

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
48	PADZZ	57957	C5118346	MICROCIRCUIT, DIGITA .....	1
49	PADZZ	57957	C5117712	CIRCUIT CARD ASSY.....	1
50	XBDZZ	80063	SM-C-873583	STIFFENER, HEATSINK.....	1
51	XBDZZ	57957	C5116869	STIFFENER, HEATSINK.....	1
52	PADZZ	96906	MS20470A2-5	RIVET, SOLID.....	4
53	PADZZ	96906	MS20470A2-6	RIVET, SOLID.....	7
54	PADZZ	96906	MS20426A2-5	RIVET, SOLID.....	4
55	PADZZ	80063	SM-A-873546-1	RETAINER-EJECTOR, EL .....	2
56	XBDZZ	57957	C5116797	HEATSINK, DIGITIZER .....	1
57	XBDZZ	57957	C5116794	MULTIWIRE BD, DIGITI .....	1
58	PADZZ	81349	M28754/24-01	GUIDE, ELECTRICAL CO.....	2

END OF FIGURE



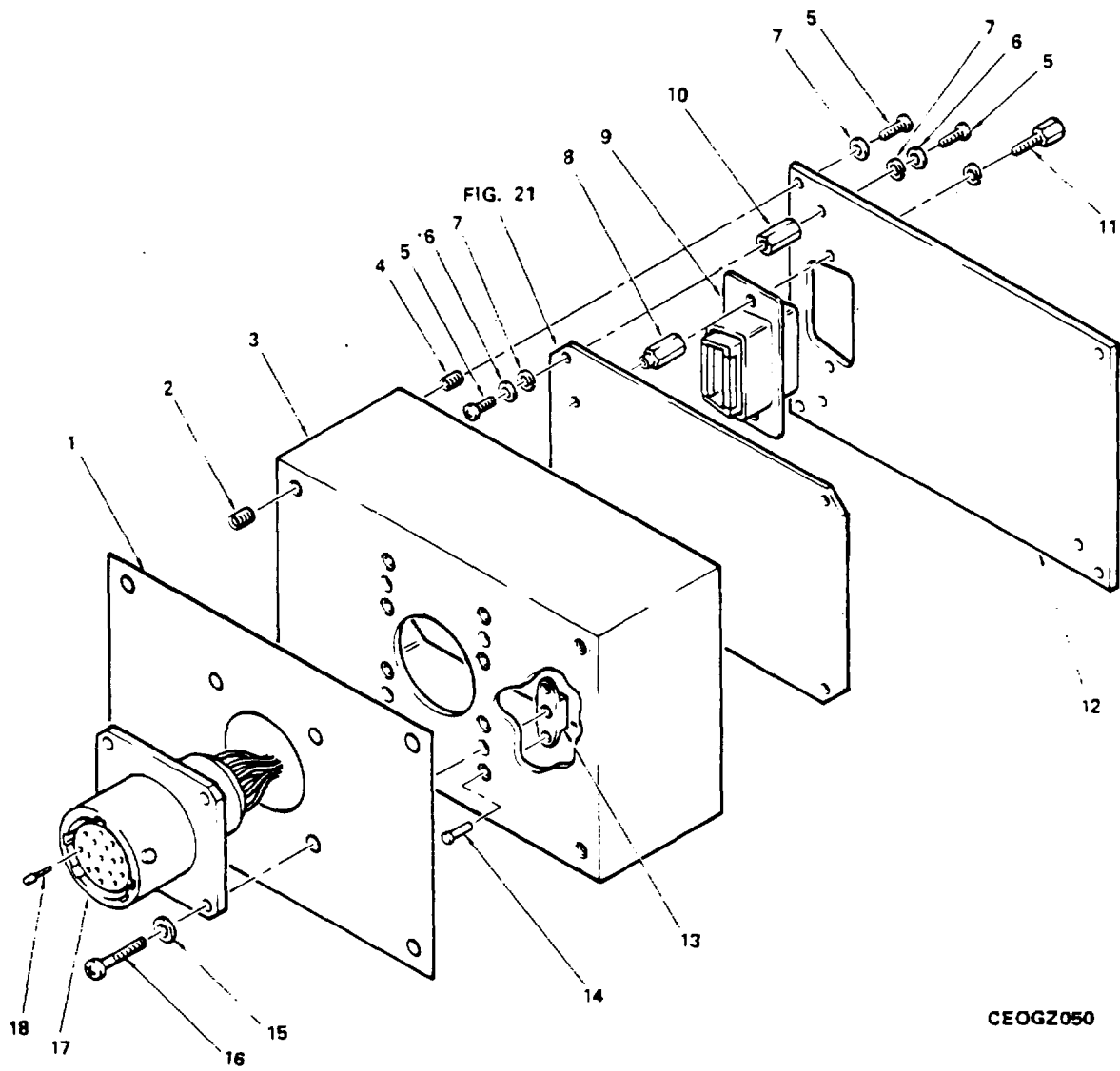
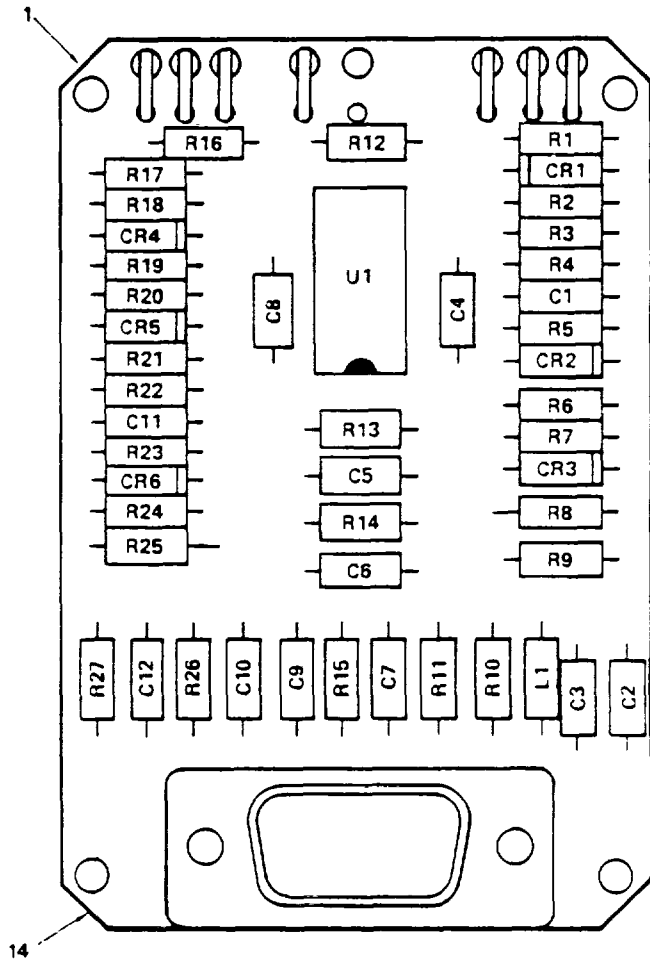


Figure 20. Module Assembly, NAV Filter (FL1)

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 19 MODULE ASSEMBLY, NAV FILTER (FL1) FIGURE 20					
1	PADZZ	57957	C5116867	GASKET,CONNECTOR .....	1
2	PADZZ	96906	M521209C0615	INSERT,SCREW THREAD.....	4
3	XBDZZ	57957	C5116863	CASE,MODULE NAV FIL .....	1
4	PADZZ	96906	MS21209C0215	INSERT,SCREW THREAD.....	4
5	PADZZ	96906	MS51957-3	SCREW,MACHINE .....	12
6	PADZZ	96906	MS35338-134	WASHER,LOCK .....	8
7	PADZZ	80205	NA5620C2L	WASHER,FLAT .....	12
8	PADZZ	80205	NAS1830A3B04	POST,ELECTRICAL .....	2
9	PADZZ	81349	M24308/23-1	CONNECTOR,RECEPTACL .....	1
10	XDDZZ	80205	NAS1831A3A05	NUT,PLAIN,HEXAGON .....	4
11	PADZZ	81349	M24308/26-1	GUIDE,ELECTRICAL CO .....	2
12	XBDZZ	57957	C5116864	COVER,MODULE NAV F1 .....	1
13	PADZZ	96906	MS21076L04	NUT,SELF-LOCKING,PL .....	4
14	PADZZ	96906	MS24026B3-6	RIVET,SOLID .....	8
15	PADZZ	80205	NAS620OC4L	WASHER,FLAT .....	4
16	PADZZ	96906	M551957-16	SCREW,MACHINE .....	4
17	PADZZ	96906	MS27466T13B35P	CONNECTOR,RECEPTACL .....	1
18	PADZZ	96906	MS27488-22	PLUG,END SEAL,ELECT .....	15
END OF FIGURE					

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
CR1	2	R5	8
CR2	2	R6	10
CR3	2	R7	10
CR4	2	R8	11
CR5	2	R9	8
CR6	2	R10	11
		R11	12
C1	3	R12	7
C2	4	R13	12
C3	4	R14	12
C4	3	R15	12
C5	3	R16	7
C6	3	R17	9
C7	3	R18	8
C8	5	R19	9
C9	3	R20	7
C10	3	R21	8
C11	3	R22	7
C12	3	R23	8
		R24	10
L1	6	R25	11
		R26	12
R1	7	R27	12
R2	8		
R3	9	U1	13
R4	7		



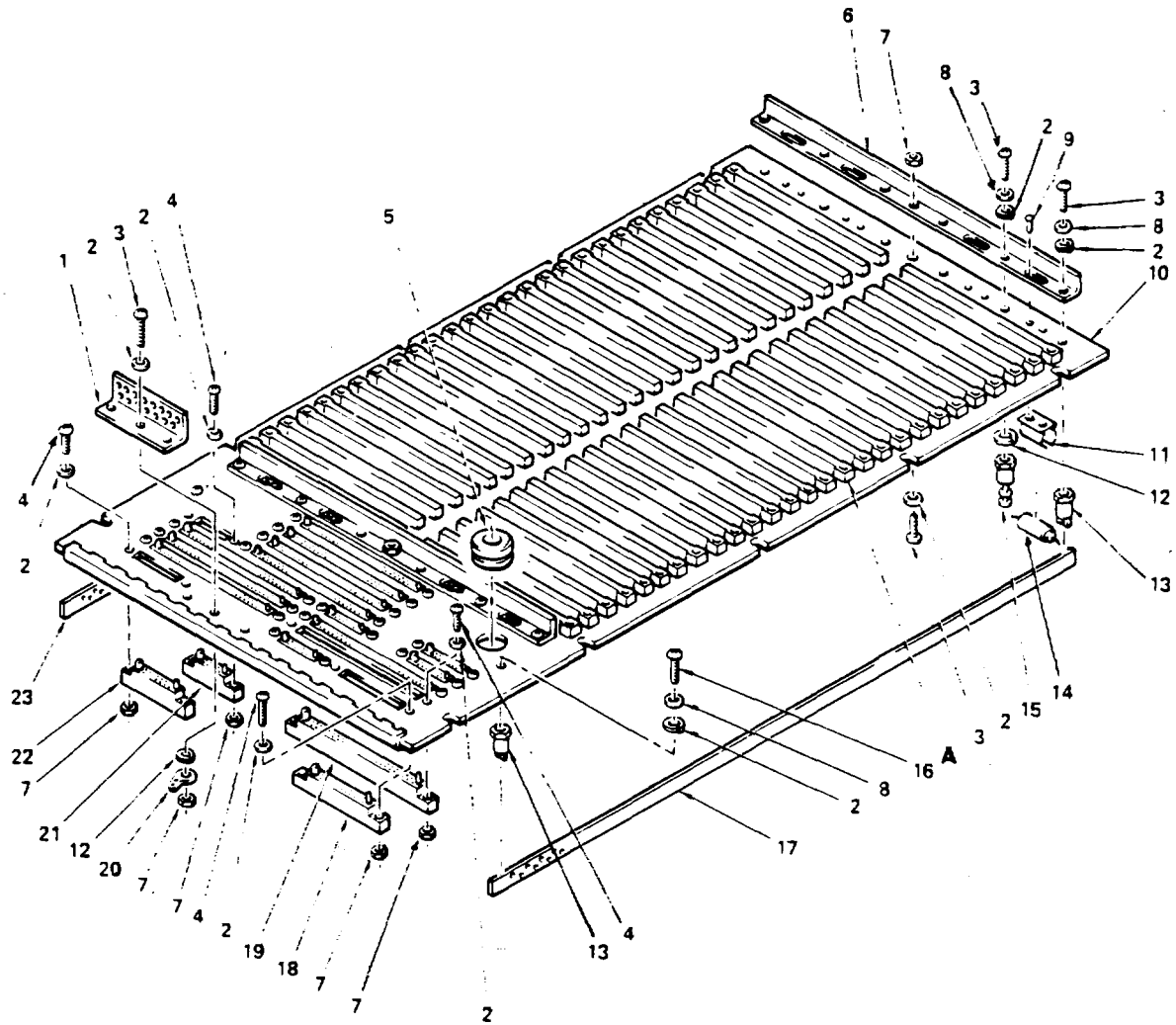
NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH FL1A1.

CEOGZ051

Figure 21. Circuit Card Assembly, Filter Mod (FL1A)

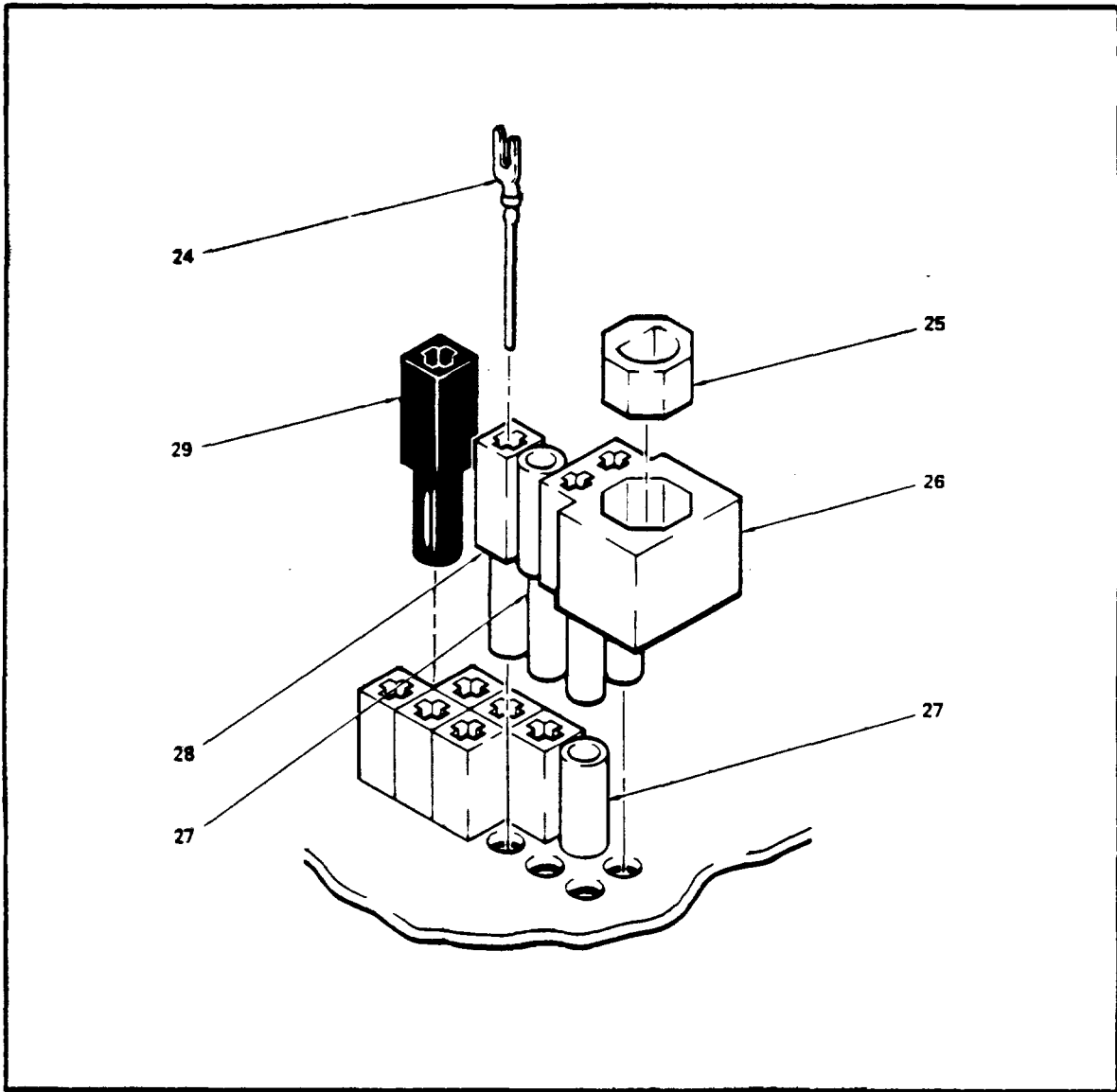
SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 1901 CIRCUIT CARD ASSEMBLY, FILTER MOD (FL1A1) FIGURE 21					
1	PADDD	57957	C5116818	CIRCUIT CARD ASSY.....	1
2	PADZZ	81349	JANTX1N4454	SEMICONDUCTOR DEVIC.....	6
3	PADZZ	81349	M39014/05-2819	CAPACITOR, FIXED.....	9
4	PADZZ	81349	M39003/01-2524	CAPACITOR, FIXED.....	2
5	PADZZ	81349	M39014/05-2855	CAPACITOR, FIXED.....	1
6	PADZZ	81349	M39010/10-A181KR	RADIO FREQUENCY.....	1
7	PADZZ	81349	RNR50J1212FP	RESISTOR, FIXED.....	6
8	PADZZ	81349	RNR50J4751FP	RESISTOR, FIXED.....	6
9	PADZZ	81349	RNR50J2742FP	RESISTOR, FIXED.....	3
10	PADZZ	81349	RNR50J7152FP	RESISTOR, FIXED.....	3
11	PADZZ	81349	RNR55J2371FP	RESISTOR, FIXED.....	3
12	PADZZ	81349	RNC55J100OFS	RESISTOR, FIXED, FILM.....	6
13	PADZZ	81349	M38510/11201BCX	MICROCIRCUIT, LINEAR.....	1
14	XBDZZ	57957	C5116819	BOARD, PRINTED WIRIN.....	1
END OF FIGURE					



CEOGZ052

Figure 22. Backplane Assembly, Interface Unit (A28) (Sheet 1 of 2)



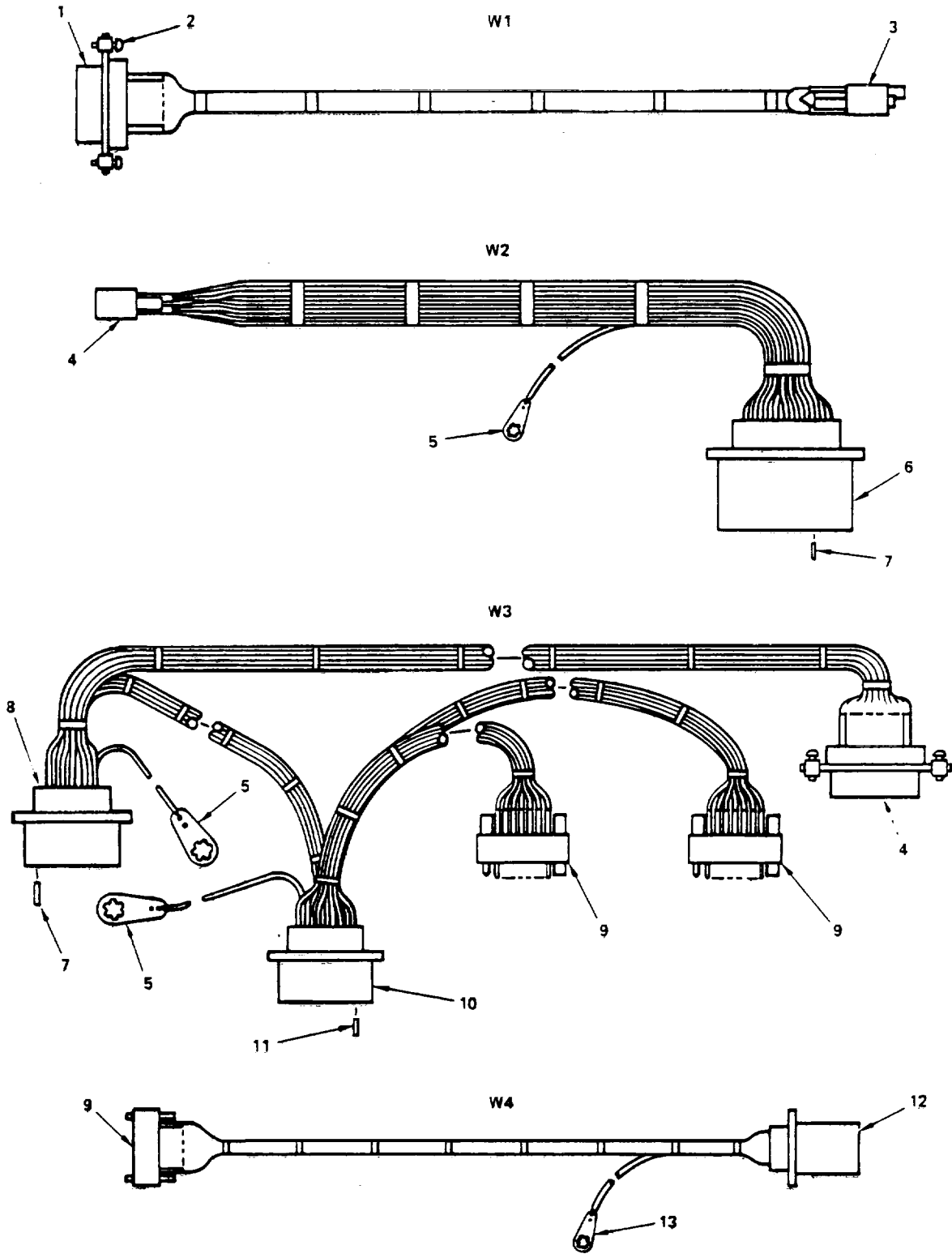
CEOGZ053

Figure 22. Backplane Assembly, Interface Unit (A28) (Sheet 2 of 2)

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 20 BACKPLANE ASSEMBLY, INTERFACE UNIT (A28) FIGURE 22					
1	XBDZZ	57957	C5116896	BUS,GROUND.....	1
2	PADZZ	80205	NAS620C4L	WASHER,FLAT .....	47
3	PADZZ	96906	MS51957-15	SCREW,MACHINE .....	13
4	PADZZ	96906	MS51957-17	SCREW,MACHINE .....	32
5	PADZZ	96906	M535489-40	GROMMET,NONMETALLIC.....	4
6	XBDZZ	57957	C5116931	ANGLE,STIFFENER .....	2
7	PADZZ	80205	NAS679C04M	NUT,SELF-LOCKING,HE .....	37
8	PADZZ	96906	M535338-135	WASHER,LOCK .....	10
9	PADZZ	96906	MS20470B2-5	RIVET,SOLID.....	8
10	XBDZZ	57957	C5116832	PLATE,CONNECTOR .....	1
11	PADZZ	81349	M24066/2-317	CLIP,SPRING TENSION .....	4
12	PADZZ	96906	MS35333-70	WASHER,LOCK .....	7
13	PADZZ	80063	SM-A-873632	TERMINAL,INSULATED.....	6
14	PADZZ	81349	M39003-01-2261	CAPACITOR,FIXED,ELE.....	4
15	PADZZ	80063	SM-A-874546-1	TERMINAL,STUD .....	4
16	PADZZ	96906	M551957-13	SCREW,MACHINE .....	2
17	XBDZZ	57957	C5116798	BUS,LH .....	1
18	PADZZ	81349	M55302/58-D24F	CONNECTOR,RECEPTACL .....	1
19	PADZZ	81349	M55302/58-D56F	CONNECTOR,RECEPTACL .....	9
20	PADZZ	96906	MS77068-1	TERMINAL,LUG.....	3
21	PADZZ	81349	M55302/58-D10F	CONNECTOR,RECEPTACL .....	1
22	PADZZ	81349	M55302/58-D14F	CONNECTOR,RECEPTACL .....	5
23	XBDZZ	57957	C5116799	BUS,RH.....	1
24	PADZZ	80063	SM-A-874536-5	CONTACT.....	942
25	PADZZ	81349	M28754/39-002	KEYING GUIDE .....	54
26	PADZA	81349	M28754/37-108	CONTACT,ELECTRICAL .....	54
27	PADZZ	80063	SM-A-874536-7	GROUND BUSHING.....	108
28	PADZZ	80063	SM-A-874536-6	INSULATOR,BUSHING .....	456
29	PADZZ	80063	SM-A-874536-9	INSULATOR.....	378

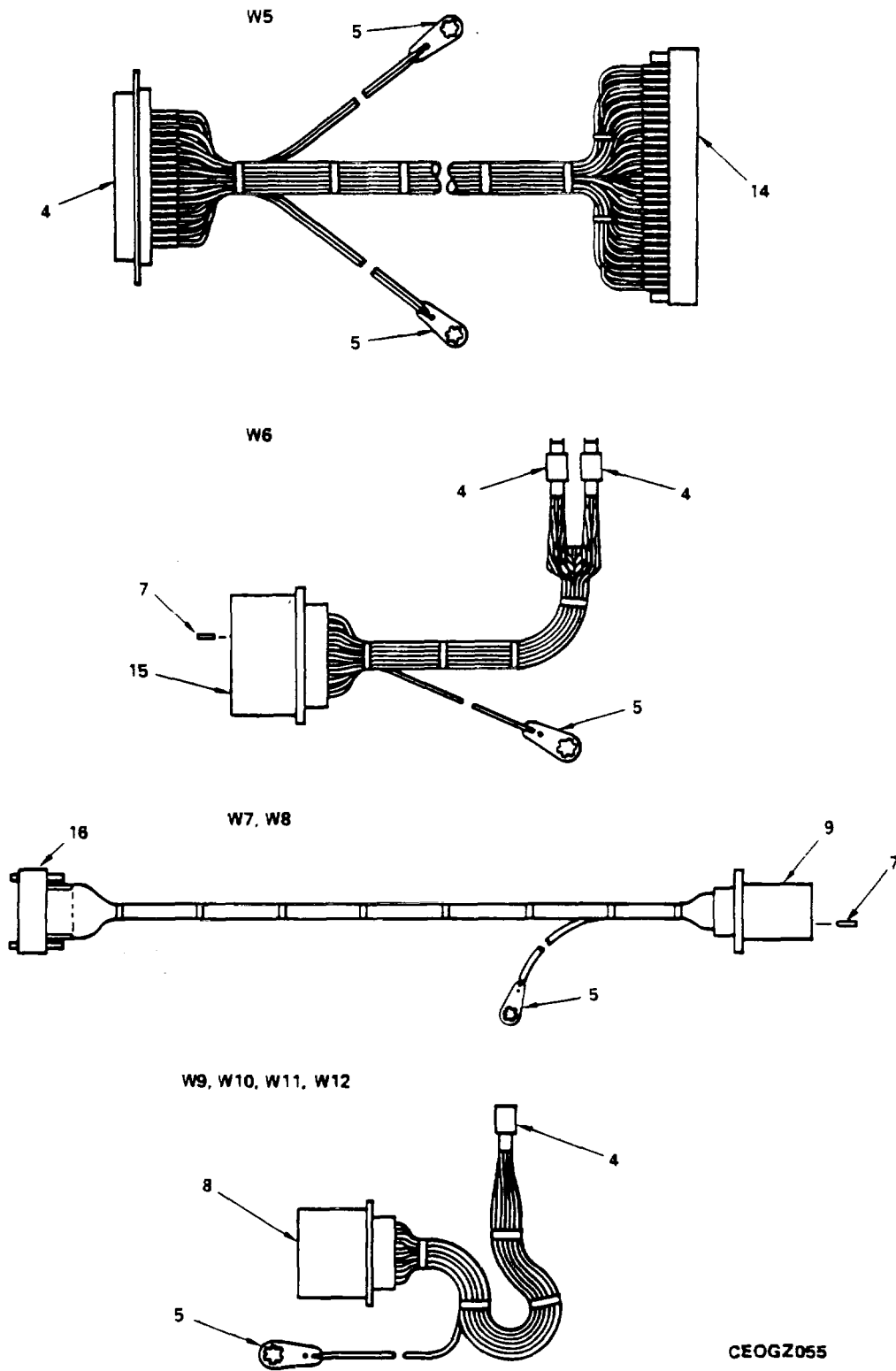
END OF FIGURE



CEOGZ054

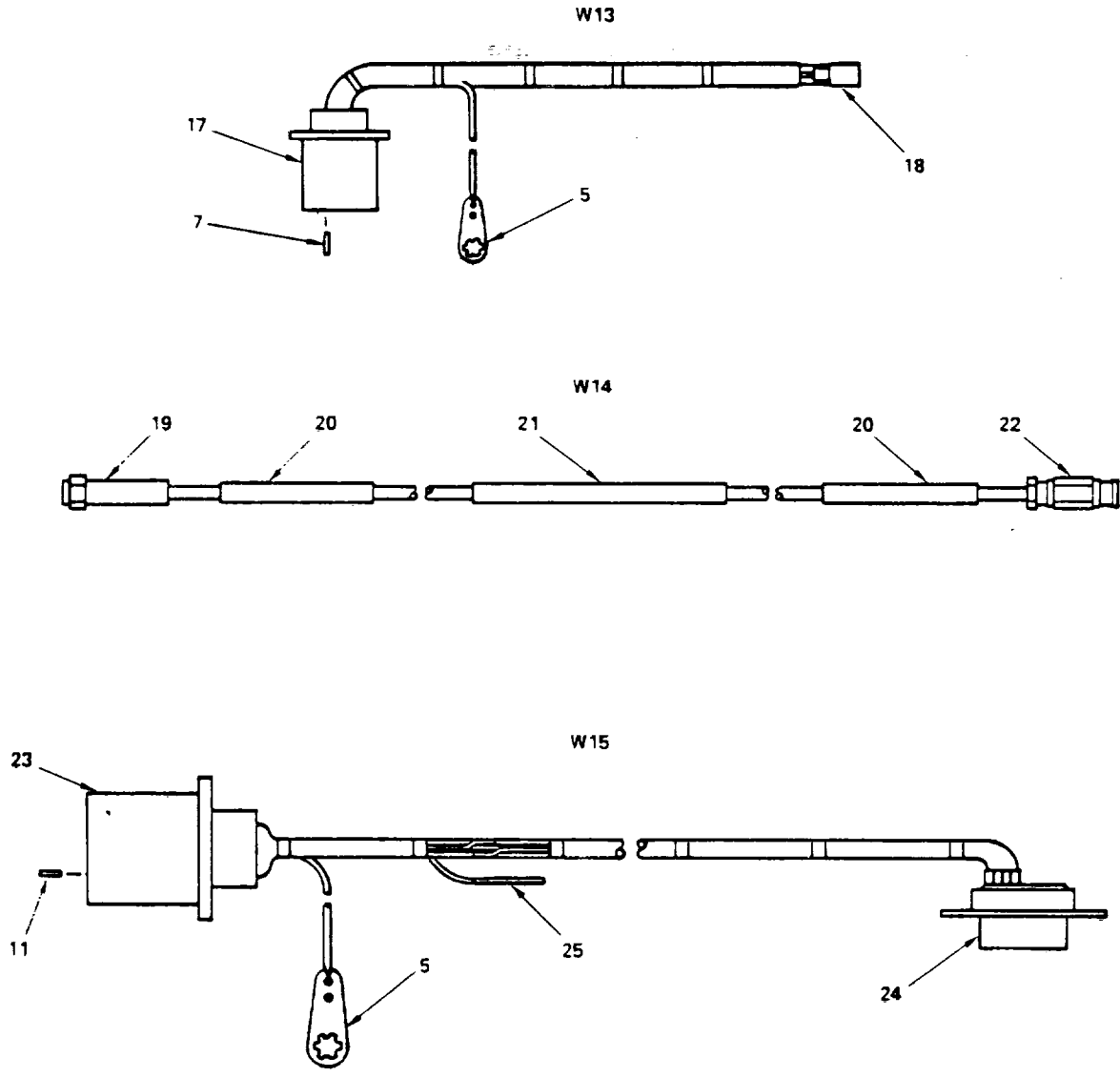
Figure 23. Cable Assemblies W1-W15 (Sheet 1 of 3)





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Figure 23. Cable Assemblies W1-W15 (Sheet 2 of 3)



CEOGZ056

Figure 23. Cable Assemblies W1-W15 (Sheet 3 of 3)

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 22 CABLE ASSEMBLIES (WI-WI5) FIGURE 23					
1	PAFZZ	81349	M24308/3-1	,CONNECTOR,RECEPTACL .....	1
2	PAFZZ	81349	M24308/25-1	SCREW LOCK ASSY .....	2
3	PAFZZ	81349	M55302/63-A10S	CONNECTOR,PLUG,ELEC.....	1
4	PAFZZ	81349	M55302/63-A56S	CONNECTOR,PLUG .....	9
5	PAFZZ	86906	M577067-1	TERMINAL,LUG.....	15
6	PAFZZ	80205	NAS620C4L	WASHER,FLAT .....	48
7	PAFZZ	86906	M527488-22	PLUG,END SEAL,ELECT .....	25
8	PAFZZ	86906	MS27656T17B35S	CONNECTOR,RECEPTACL .....	5
9	PAFZZ	81349	M55302/63-A14S	CONNECTOR,PLUG,ELEC.....	4
10	PAFZZ	86906	MS27656T19B32P	CONNECTOR,RECEPTACL .....	1
11	PADZZ	86906	MS27488-20	PLUG,END SEAL,ELECT .....	26
12	PAFZZ	86906	M527656T11B355	CONNECTOR,RECEPTACL .....	1
13	PAFZZ	86906	M577068-1	TERMINAL,LUG.....	1
14	PAFZZ	81349	M24308/3-5	CONNECTOR,RECEPTACL .....	1
15	PAFZZ	86906	MS27656T23B35S	CONNECTOR,RECEPTACL .....	1
16	PAFZZ	86906	MS27656TIIIB35SA	CONNECTOR,RECEPTACL .....	2
17	PAFZZ	86906	MS27656T13B355	CONNECTOR,RECEPTACL .....	1
18	PAFZZ	81349	M55302/63-A24S	CONNECTOR,RECEPTACL .....	1
19	PAFZZ	81349	M39012/55-3007	CONNECTOR,PLUG,ELEC.....	1
20	XBFZZ	80063	SM-C-871986-3	CABLE,MARKER .....	2
21	XBFZZ	80063	SM-C-871986-7	CABLE,MARKER .....	1
22	PAFZZ	80063	SM-A-874549-1	CONNECTOR,PLUG,ELEC.....	1
23	PAFZZ	86906	MS27656TIIIB5P	CONNECTOR,RECEPTACL .....	1
24	PAFZZ	81349	M24308/1-1	COHNECTOR,RECEPTACL .....	1
25	XBFZZ	80063	SM-A-874722-2	SOLDER,SLEEVE .....	2

END OF FIGURE

**CROSS- REFERENCE-INDEXES**  
**NATIONAL STOCK NUMBER INDEX**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5905-00-004-6059	14	34	5320-00-242-0369	3	29
5950-00-035-4417	4	12		4	56
5310-00-054-0041	1	39		5	30
5305-00-054-5637	20	5		6	37
5305-00-054-5638	14	62		7	15
5305-00-054-5647	22	16		8	26
5305-00-054-5649	1	100		9	40
	22	3		11	38
5305-00-054-5650	20	16		12	37
5305-00-054-5651	22	4		13	27
5305-00-054-6650	1	85		14	58
5305-00-054-6651	1	40		15	32
5305-00-054-6652	1	51		16	35
5305-00-054-6653	1	44		17	30
5305-00-054-6654	1	73		18	33
5305-00-054-6656	1	58		19	53
5305-00-054-6662	1	70	5320-00-242-1588	1	65
5305-00-059-3659	1	97	5320-00-243-8375	2	34
5340-00-063-5983	22	11		3	28
5305-00-088-9670	1	103		4	55
5910-00-098-9281	4	2		5	29
5905-00-107-0656	8	4		6	36
5905-00-110-7620	14	17		7	14
5910-00-113-5488	5	1		8	25
5905-00-114-0710	14	25		9	39
5905-00-114-0711	14	35		10	27
5905-00-119-3503	14	27		11	37
5320-00-119-6818	22	9		12	36
5905-00-119-8768	14	21		13	26
5905-00-121-9932	14	19		15	31
5905-00-135-6046	14	28		16	34
5905-00-141-1183	14	26		19	52
5910-00-156-7293	3	2	5905-00-244-6539	6	5
5310-00-162-9918	20	7	5340-00-245-5195	1	47
5935-00-166-6281	23	19	5905-00-255-3700	4	16
5940-00-168-8161	1	49	5935-00-351-5944	20	18
5940-00-177-7973	23	5		23	7
5905-00-180-8301	10	4	5905-00-401-7425	4	14
5325-00-185-0004	22	5		4	19
5910-00-185-4009	4	4	5905-00-402-7049	4	15
5910-00-189-4248	17	2	5905-00-407-0089	14	30
	18	2	5935-00-410-9251	1	75
	19	3		23	1
5905-00-197-0219	9	6	5905-00-412-0758	4	17
	12	7	5905-00-412-4044	14	32
5905-00-197-0224	4	18	5910-00-412-9235	22	14
5340-00-215-0248	20	4	5905-00-419-2845	21	12
5910-00-236-8740	14	4	5962-00-428-7318	12	21
5910-00-236-8766	14	5	5905-00-433-6483	4	21
5320-00-242-0369	2	35	5905-00-458-9346	2	5

**CROSS- REFERENCE-INDEXES  
NATIONAL STOCK NUMBER INDEX**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM	
5905-00-458-9346	11	6	5320-00-721-5277	14	69	
	11	7		15	33	
	14	24		16	36	
5905-00-458-9500	2	4	5310-00-722-5998	17	29	
	4	20		18	32	
	9	4		19	54	
	11	5		1	43	
	12	8		1	68	
5935-00-465-4378	14	23	5310-00-728-7714	1	77	
	15	4	5310-00-728-7715	1	81	
	1	60	5340-00-766-6818	1	42	
	23	24	5310-00-771-7360	20	13	
	11	6	5310-00-781-9483	1	96	
5905-00-466-1215	14	22	5310-00-801-4420	1	67	
5905-00-466-1217	14	31	5340-00-815-4930	20	2	
5905-00-470-1319	14	31	5310-00-820-7014	22	7	
5905-00-470-9480	19	14	5940-00-827-2653	1	88	
5905-00-470-9481	4	23	5310-00-928-2690	14	65	
5905-00-477-1100	14	29		14	60	
5905-00-480-0013	17	12		20	6	
5935-00-493-0466	18	12		1	54	
	19	11		5310-00-929-6395	14	64
	23	14	14	8		
5910-00-495-0042	17	3	5310-00-933-8118	22	8	
5935-00-496-7171	18	3	5310-00-934-9761	14	63	
	19	4	5310-00-938-2013	14	59	
	23	11	5935-00-946-4323	23	22	
	5961-00-496-7906	21	2	5340-00-969-6502	1	55
	5310-00-550-3715	22	12	5935-01-012-1848	14	36
5905-00-617-5091	4	22	17	13		
	10	5	18	13		
	17	9	19	15		
	18	9	5935-01-013-4473	23	8	
	5905-00-617-5093	9	5	5962-01-021-5875	5	23
5905-00-617-5096	11	8	5935-01-025-2202	23	10	
5310-00-622-9531	14	67	5962-01-026-2493	5	22	
5320-00-655-4757	1	82	5962-01-026-6055	19	31	
5320-00-660-1094	10	28	5962-01-026-8818	8	12	
5940-00-682-2477	22	20		14	44	
5320-00-721-5277	23	13		19	45	
	2	36	16	22		
	3	30	19	39		
	4	57	5962-01-027-6863	5	8	
	5	31	6	24		
	6	38	11	28		
	7	16	12	24		
	8	27	13	21		
	9	41	14	39		
	11	39	15	19		
	12	38	16	6		
	13	28	17	20		

**CROSS- REFERENCE-INDEXES  
NATIONAL STOCK NUMBER INDEX**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5962-01-027-6863	18	21	5962-01-051-3402	2	23
	19	34		3	24
5935-01-028-9472	23	12		10	13
5962-01-030-2118	19	42		16	27
5962-01-030-6352	5	21	5935-01-052-9436	1	78
	14	42		20	11
5962-01-032-0365	10	11	5962-01-055-4258	16	12
5905-01-033-0393	19	13	5962-01-057-3455	14	47
5962-01-034-9832	2	27		16	24
	5	20	5910-01-057-4381	4	6
	12	30	5962-01-058-4867	5	16
	15	11		8	21
	16	11		13	13
5962-01-035-7479	14	52	5962-01-058-5172	12	13
	16	30	5962-01-058-9435	19	38
5962-01-039-6395	5	26	5962-01-059-2592	3	7
	15	17		5	19
	16	10	5962-01-061-6583	2	15
5905-01-039-9710	2	9		8	10
	10	15		9	12
5905-01-040-0392	7	8		10	10
5962-01-042-0369	3	23		16	31
5935-01-042-2404	1	89	5935-01-064-4724	23	3
5962-01-042-8074	19	35	5962-01-065-7026	5	14
5970-01-043-6344	22	28		6	32
5935-01-044-5653	23	16		8	6
5935-01-044-9635	23	15		14	40
5935-01-046-0225	23	17		19	36
5935-01-046-9419	2	40	5962-01-066-8393	19	43
	3	34	5962-01-067-4987	4	39
	4	61	5962-01-067-9804	3	20
	5	35		5	24
	6	42		9	26
	7	20		16	28
	8	31	5962-01-068-1038	13	17
	9	45	5962-01-068-1039	9	33
	10	32	5962-01-069-0419	5	25
	11	43		15	10
	12	42		19	47
	13	32	5962-01-069-2610	6	9
	14	73		10	16
	15	37		13	22
	16	40	5962-01-069-2637	12	28
	17	34	5962-01-069-3045	2	28
	18	37	5910-01-070-3510	12	3
	19	58	5905-01-070-6880	2	30
5962-01-050-0920	9	13	5962-01-074-8876	14	51
	10	17		16	19
5962-01-050-5509	4	32	5962-01-078-7027	19	19
5905-01-051-1744	3	16	5905-01-079-1640	3	15

**CROSS- REFERENCE-INDEXES  
NATIONAL STOCK NUMBER INDEX**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5905-01-080-1344	6	22	5962-01-106-4167	4	31
5935-01-082-7488	23	18	5962-01-106-7727	8	22
5962-01-082-9853	4	30	5962-01-107-5396	3	10
5962-01-082-9854	4	29		9	35
5999-01-084-0860	4	54		10	18
5962-01-084-6425	4	34		12	18
5962-01-084-6426	3	9		16	13
5962-01-084-6427	11	27	5962-01-110-2679	2	14
5962-01-085-0603	19	28		6	20
5962-01-086-7634	2	12		8	18
	4	25		9	24
	5	5		11	24
	6	6		12	25
	7	5	5935-01-113-0771	22	25
	8	13	5905-01-123-7832	14	48
	9	8	5999-01-124-2510	22	26
	10	6	5905-01-130-3872	12	19
	11	23	5962-01-131-3898	14	54
	13	5	5945-01-137-0248	14	12
	15	6	5962-01-145-1793	2	19
	17	15		4	50
	18	15		5	9
5935-01-089-5143	23	9		8	5
5962-01-093-8823	6	12		9	30
	14	43		10	19
5962-01-098-5043	2	18		11	30
	3	21		12	20
5962-01-098-6582	4	28		14	38
	19	18		15	9
5962-01-101-2392	4	49	5962-01-147-5592	13	7
	19	30	5962-01-156-1537	11	14
5962-01-102-0627	3	8	5962-01-176-0384	14	2
	6	21	5905-01-176-3873	17	5
	9	11		18	5
	12	12		19	8
	16	5	5962-01-178-6881	6	11
5962-01-102-3114	2	13	5935-01-188-1705	23	23
	4	33	5961-01-193-8518	17	23
	5	6		17	26
	6	8		18	29
	8	15		19	5
	9	7	5905-01-200-3932	14	20
	10	9	5962-01-201-2465	11	15
	12	10	5962-01-226-2812	6	10
	15	13	5905-01-226-5915	14	18
	17	16	5935-01-235-8862	11	3
	18	16	5935-01-251-5099	1	92
5962-01-102-5048	13	14	5935-01-251-5100	1	86
5962-01-103-5080	4	27	5910-01-254-0361	14	6
	19	24	5999-01-260-2786	1	15

**CROSS- REFERENCE-INDEXES**  
**NATIONAL STOCK NUMBER INDEX**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5999-01-260-2787	1	12	5935-01-270-6132	4	13
5999-01-260-2788	1	14		5	3
5935-01-262-2403	1	20		6	4
5999-01-262-2459	1	11		7	3
5999-01-262-2461	1	1		8	3
5999-01-262-2462	1	13		9	3
5999-01-262-2463	1	18		10	3
5999-01-262-2466	1	17		11	4
5999-01-262-2467	1	3		12	5
5999-01-262-2468	1	8		13	3
5999-01-262-2469	1	7		14	14
5999-01-262-2470	1	2		15	3
5999-01-262-2471	1	9		16	3
5999-01-262-2472	1	10		17	4
5999-01-262-2473	1	4		18	4
5999-01-262-2474	1	6		19	6
5999-01-262-2475	1	5	5998-01-271-4211	2	37
5995-01-262-4637	1	35		3	31
5995-01-262-4638	1	36		4	58
5995-01-262-4639	1	26		5	32
5995-01-262-4640	1	22		6	39
5995-01-262-4641	1	33		7	17
5995-01-262-4642	1	29		8	28
5995-01-262-4643	1	27		9	42
5995-01-262-4644	1	23		10	29
5999-01-262-4709	1	16		11	40
5995-01-262-6569	1	32		12	39
5995-01-262-6570	1	31		13	29
5995-01-262-6571	1	28		14	70
5995-01-262-6572	1	24		15	34
5995-01-262-6573	1	25		16	37
5995-01-262-6574	1	37		17	31
5995-01-262-6575	1	30		18	34
5915-01-266-1653	1	34		19	55
5955-01-269-9163	1	21	5962-01-271-4241	7	11
5999-01-270-1890	4	24	3120-01-272-0725	1	80
	5	4	5315-01-272-7602	1	79
	7	4	6150-01-274-8898	1	52
	11	9	6150-01-274-8899	1	53
	12	9	5962-01-276-2122	1	61
	13	4	5970-01-276-4879	1	46
	14	37	5962-01-277-2622	11	20
	15	5	5962-01-277-2623	11	21
	16	4	5962-01-277-2624	11	11
	17	14	5962-01-277-2639	6	15
	18	14	5962-01-277-2640	6	14
	19	16	5962-01-277-2641	6	16
5962-01-270-2175	12	22	5962-01-277-2642	6	17
5935-01-270-6132	2	3	5962-01-277-2643	6	19
	3	3	5962-01-277-2644	6	25



CROSS- REFERENCE-INDEXES  
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5962-01-277-2644	6	28			
5962-01-277-2645	6	26			
5962-01-305-8477	17	22			
	18	23			
	19	29			

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX  
PART NUMBER INDEX**

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	CCR75CG151GM		12	2
81349	CCR75CG330GR	5910-01-070-3510	12	3
81349	CK12BX102M	5910-00-098-9281	4	2
81349	CMR04C5RODPDR	5910-01-057-4381	4	6
81349	CR64/U 12.0MHZ		6	33
81349	CS13AC330M	5910-00-189-4248	17	2
			18	2
			19	3
57957	C5090281		1	98
57957	C5090978		9	22
57957	C5090979		9	14
57957	C5090981		3	19
57957	C5090985		9	25
57957	C5090986		9	23
57957	C5090987		16	29
57957	C5090988		16	8
57957	C5090989		16	26
57957	C5116748	5999-01-262-4709	1	16
57957	C5116749		2	39
57957	C5116752		2	38
57957	C5116753	5999-01-262-2459	1	11
57957	C5116754		3	33
57957	C5116757		3	32
57957	C5116758	5999-01-262-2461	1	1
57957	C5116759		4	60
57957	C5116762		4	59
57957	C5116763	5999-01-262-2467	1	3
57957	C5116764		5	34
57957	C5116766		5	33
57957	C5116768	5999-01-262-2469	1	7
57957	C5116769		13	31
57957	C5116772		13	30
57957	C5116773		15'	26
57957	C5116774		15	24
57957	C5116775		15	21
57957	C5116776		15	25
57957	C5116777		17	25
			18	28
57957	C5116778	5999-01-262-2471	1	9
57957	C5116779		15	36
57957	C5116782		15	35
57957	C5116783	5999-01-262-2472	1	10
57957	C5116784		16	39
57957	C5116787		16	38
57957	C5116788	5999-01-262-2473	1	4
57957	C5116789		17	33
			18	36
57957	C5116792		17	32
			18	35
57957	C5116793	5999-01-262-2474	1	6
57957	C5116794		19	57

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX  
PART NUMBER INDEX**

CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
57957	C5116797		19	56
57957	C5116798		22	17
57957	C5116799		22	23
57957	C5116802	5995-01-262-6573	1	25
57957	C5116805	5995-01-262-6574	1	37
57957	C5116808	5999-01-262-2468	1	8
57957	C5116809		12	41
57957	C5116812		12	40
57957	C5116817		1	45
57957	C5116818		21	1
57957	C5116819		21	14
57957	C5116825		1	83
57957	C5116826		1	101
57957	C5116830		1	38
57957	C5116831	5935-01-262-2403	1	20
57957	C5116832		22	10
57957	C5116833		1	48
57957	C5116836		1	95
57957	C5116837	5995-01-262-4637	1	35
57957	C5116838	5995-01-262-4638	1	36
57957	C5116839	5995-01-262-4639	1	26
57957	C5116840	5995-01-262-4640	1	22
57957	C5116841	5995-01-262-4641	1	33
57957	C5116842	5995-01-262-4642	1	29
57957	C5116843	5995-01-262-4643	1	27
57957	C5116844	5995-01-262-4644	1	23
57957	C5116845	5995-01-262-6569	1	32
57957	C5116846	5995-01-262-6570	1	31
57957	C5116847	5995-01-262-6571	1	28
57957	C5116849	5995-01-262-6572	1	24
57957	C5116850		1	66
			18	18
57957	C5116851		1	64
57957	C5116853	5999-01-260-2788	1	14
57957	C5116854		7	19
57957	C5116857		7	18
57957	C5116860	5970-01-276-4879	1	46
57957	C5116861		17	28
			18	31
57957	C5116862	5915-01-266-1653	1	34
57957	C5116863		20	3
57957	C5116864		20	12
57957	C5116865		1	59
57957	C5116867		20	1
57957	C5116869		19	51
57957	C5116870	5999-01-262-2470	1	2
57957	C5116871		14	72
57957	C5116873		14	71
57957	C5116874		14	56
57957	C5116876	5315-01-272-7602	1	79
57957	C5116888	5999-01-260-2786	1	15

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
57957	C5116889		11	42
57957	C5116892		11	41
57957	C5116896		22	1
57957	C5116897		11	34
57957	C5116918		11	33
57957	C5116919		13	6
57957	C5116920		13	15
57957	C5116921		13	11
57957	C5116922		13	23
57957	C5116931		22	6
57957	C5116984	5999-01-262-2475	1	5
57957	C5117286-2	3120-01-27-2-0725	1	80
57957	C5117712		19	49
57957	C5117851		1	63
57957	C5117956		1	19
57957	C5117957		19	41
57957	C5117959		1	72
57957	C5117963	5995-01-262-6575	1	30
57957	C5117964		2	29
57957	C5117965		1	84
57957	C5117996		15	22
57957	C5118049		1	69
57957	C5118063		14	1
57957	C5118127		1	71
57957	C5118128-3		1	57
57957	C5118131		1	102
57957	C5118162		9	19
57957	C5118174	5962-01-277-2640	6	14
57957	C5118189		9	18
57957	C5118192	5962-01-277-2639	6	15
57957	C5118193	5962-01-277-2641	6	16
57957	C5118194	5962-01-277-2642	6	17
57957	C5118196	5962-01-277-2643	6	19
57957	C5118197	5962-01-277-2644	6	25
			6	28
57957	C5118198		8	7
57957	C5118199		8	8
57957	C5118200		2	6
57957	C5118201		2	7
57957	C5118203		2	24
57957	C5118204		2	25
57957	C5118205		2	26
57957	C5118210		12	16
57957	C5118211		12	15
57957	C5118216	5962-01-277-2622	11	20
57957	C5118217	5962-01-277-2623	11	21
57957	C5118218	5962-01-277-2624	11	11
57957	C5118219	5962-01-276-2122	1	61
57957	C5118220		1	62
57957	C5118223		9	28
57957	C5118224		9	32

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
57957	C5118227		17	17
			18	-26
57957	C5118229		5	13
57957	C5118230		12	27
57957	C5118233		17	24
			18	27
57957	C5118235		8	19
57957	C5118236		3	5
57957	C5118237		3	6
57957	C5118238		3	13
57957	C5118255		16	16
57957	C5118262		16	20
57957	C5118265		9	20
57957	C5118266		9	16
57957	C5118267		9	21
57957	C5118268		9	17
57957	C5118270		15	7
57957	C5118274		3	22
57957	C5118276		13	19
57957	C5118277	5962-01-277-2645	6	26
57957	C5118278		13	18
57957	C5118280		13	16
57957	C5118286		3	12
57957	C5118287		3	17
57957	C5118288		3	18
57957	C5118302		12	32
57957	C5118305		18	25
57957	C5118306		13	20
57957	C5118307		13	12
57957	C5118324		16	7
57957	C5118328		2	8
57957	C5118330		15	8
57957	C5118337		6	30
57957	C5118338		6	31
57957	C5118339		12	14
57957	C5118343		16	25
57957	C5118345		6	18
57957	C5118346		19	48
57957	C5118347		5	7
57957	C5118349		16	17
57957	C5118350		16	18
57957	C5118354		9	15
57957	C5118364	5962-01-271-4241	7	11
57957	C5118391		7	10
			12	11
57957	C5118399		4	43
57957	C5118410		9	34
			12	17
57957	C5118415	5962-01-270-2175	12	22
57957	C5118427		6	13
57957	C5118465	5999-01-270-1890	4	24

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM			
57957	C5118465	5999-01-270-1890	5	4			
			7	4			
			11	9			
			12	9			
			13	4			
			14	37			
			15	5			
			16	4			
			17	14			
			18	14			
			19	16			
			57957	C5118466	5955-01-269-9163	1	21
			57957	C5118469		2	31
			57957	C5118482	5962-01-305-8477	11	31
17	22						
18	23						
57957	C5118492	5962-01-178-6881	19	29			
			6	11			
			7	9			
			7	7			
57957	C5118521		17	21			
			18	22			
			19	20			
			13	8			
57957	C5118524		11	19			
57957	C5118526		3	4			
57957	C5118529		16	15			
57957	C5118530		4	35			
57957	C5118531		4	42			
57957	C5118533		4	51			
57957	C5118534		19	22			
			4	48			
			4	40			
57957	C5118535		18	24			
57957	C5118537		19	40			
57957	C5118548		19	32			
57957	C5118549		4	36			
57957	C5118559		16	9			
57957	C5118564		9	10			
57957	C5118574		15	20			
57957	C5118579	6150-01-274-8898	1	52			
57957	C5118580	6150-01-274-8899	1	53			
57957	C5118618	5962-01-201-2465	11	15			
57957	C5118647		14	68			
57957	C5118681	5962-01-226-2812	6	10			
81349	JANTXVIH5526		14	9			
81349	JANTXVIN5806		14	10			
81349	JANTXV1N645		14	8			
81349	JANTXVIN829-1	5961-01-193-8518	17	23			
			17	26			
			18	29			

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	JANTXVIN829-1	5961-01-193-8518	19	5
81349	JANTXVIN973B-1	14	11	
81349	JANTX1N4454	5961-00-496-7906	21	2
81349	JANTXIN5461		4	9
81349	JM38510/08003BC	5962-01-066-8393	19	43
96906	M515795-805	5310-00-722-5998	1	43
			1	68
96906	MS20426A2-4	5320-00-660-1094	10	28
96906	MS20426A2-5	5320-00-721-5277	2	36
			3	30
			4	57
			5	31
			6	38
			7	16
			8	27
			9	41
			11	39
			12	38
			13	28
			14	69
			15	33
			16	36
			17	29
			18	32
			19	54
96906	MS20426A3-4	5320-00-655-4757	1	82
96906	MS20426DD3-4		1	76
96906	MS20470A2-5	5320-00-243-8375	2	34
			3	28
			4	55
			5	29
			6	36
			7	14
			8	25
			9	39
			10	27
			11	37
			12	36
			13	26
			15	31
			16	34
			19	52
96906	MS20470A2-6	5320-00-242-0369	2	35
			3	29
			4	56
			5	30
			6	37
			7	15
			8	26
			9	40
			11	38

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS20470A2-6	5320-00-242-0369	12	37
			13	27
			14	58
			15	32
			16	35
			17	30
			18	33
			19	53
96906	MS20470B2-5	5320-00-119-6818	22	9
96906	MS20470DD4-4	5320-00-242-1588	1	65
96906	MS21069L06	5310-00-728-7714	1	77
96906	MS21069L08	5310-00-728-7715	1	81
96906	MS21076L04	5310-00-771-7360	20	13
96906	MS21209COF1-15		1	94
96906	MS21209C0215	5340-00-215-0248	20	4
96906	MS21209C0610	5340-00-245-5195	1	47
96906	MS21209C0615	5340-00-815-4930	20	2
96906	MS21423-01		4	11
96906	MS24026B3-6		20	14
96906	MS24693-C53	5305-00-088-9670	1	103
96906	MS27466T13B35P		20	17
96906	MS27488-20	5935-00-496-7171	23	11
96906	MS27488-22	5935-00-351-5944	20	18
			23	7
96906	MS27656TIIB355	5935-01-028-9472	23	12
96906	MS27656TIIB35SA	5935-01-044-5653	23	16
96906	MS27656TIIB5P	5935-01-188-1705	23	23
96906	MS27656T13B35S	5935-01-046-0225	23	17
96906	MS27656T17B35S	5935-01-013-4473	23	8
96906	MS27656T19B32P	5935-01-025-2202	23	10
96906	MS27656T23B35S	5935-01-044-9635	23	15
96906	MS27656T25B29P	5935-01-042-2404	1	89
96906	M535333-70	5310-00-550-3715	22	12
96906	M535338-134	5310-00-928-2690	14	60
			20	6
96906	MS35338-135	5310-00-933-8118	22	8
96906	MS35338-136	5310-00-929-6395	1	54
			14	64
96906	MS35489-40	5325-00-185-0004	22	5
96906	M535649-224	5310-00-938-2013	14	59
96906	M535649-264	5310-00-934-9761	14	63
96906	M551957-13	5305-00-054-5647	22	16
96906	MS51957-15	5305-00-054-5649	1	100
			22	3
96906	M551957-16	5305-00-054-5650	20	16
96906	MS51957-17	5305-00-054-5651	22	4
96906	M551957-26	5305-00-054-6650	1	85
96906	MS51957-27	5305-00-054-6651	1	40
96906	M551957-28	5305-00-054-6652	1	51
96906	M551957-29	5305-00-054-6653	1	44
96906	MS51957-3	5305-00-054-5637	20	5



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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS51957-30	5305-00-054-6654	1	73
96906	MS51957-32	5305-00-054-6656	1	58
96906	MS51957-38	5305-00-054-6662	1	70
96906	MS51957-4	5305-00-054-5638	14	62
96906	MS51958-63	5305-00-059-3659	1	97
96906	MS75083-5	5950-00-035-4417	4	12
96906	MS77067-1	5940-00-177-7973	23	5
96906	MS77068-1	5940-00-682-2477	22	20
			23	13
96906	MS77068-2	5940-00-827-2653	1	88
			14	65
81349	M24066/2-317	5340-00-063-5983	22	11
81349	M24308/1-1	5935-00-465-4378	1	60
			23	24
81349	M24308/23-1		20	9
81349	M24308/25-1		1	56
			1	74
			23	2
81349	M24308/26-1	5935-01-052-9436	1	78
			20	11
81349	M24308/3-1	5935-00-410-9251	1	75
			23	1
81349	M24308/3-5	5935-00-493-0466	23	14
81349	M28754/24-01	5935-01-046-9419	2	40
			3	34
			4	61
			5	35
			6	42
			7	20
			8	31
			9	45
			10	32
			11	43
			12	42
			13	32
			14	73
			15	37
			16	40
			17	34
			18	37
			19	58
81349	M28754/37-108	5999-01-124-2510	22	26
81349	M28754/39-002	5935-01-113-0771	22	25
81349	M38510-00403BCB	5962-00-428-7318	12	21
81349	M38510-06006BEB	5962-01-078-7027	19	19
81349	M38510-06101BEB	5962-01-084-6425	4	34
81349	M38510-06201BEB	5962-01-098-6582	4	28
			19	18
81349	M38510-06301BEB	5962-01-101-2392	4	49
			19	30
81349	M38510-06302BEB	5962-01-103-5080	4	27

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	M38510-06302BEB	5962-01-103-5080	19	24
81349	M38510-07001BCB	5962-01-021-5875	5	23
81349	M38510-07105BEB	5962-01-058-9435	19	38
81349	M38510-07301BCB	5962-01-030-2118	19	42
81349	M38510-07901BEB	5962-01-042-8074	19	35
81349	M38510-10304BPB	5962-01-131-3898	14	54
81349	M38510-10901BPB	5962-01-069-3045	2	28
81349	M38510.-30003BCB	5962-01-027-6863	5	8
			6	24
			11	28
			12	24
			13	21
			14	39
			15	19
			16	6
			17	20
			18	21
			19	34
81349	M38510-30004BCB	5962-01-042-0369	3	23
81349	M38510-30005BCB	5962-01-030-6352	5	21
			14	42
81349	M38510-30006BCB	5962-01-055-4258	16	12
81349	M38510-30007BCB	5962-01-026-2493	5	22
			19	31
81349	M38510-30009BCB	5962-01-026-6055	8	12
			14	44
			19	45
81349	M38510-30107BEB	5962-01-057-3455	14	47
			16	24
81349	M38510-30109BEB	5962-01-051-3402	2	23
			3	24
			10	13
			16	27
81349	M38510-30202BCB	5962-01-032-0365	10	11
81349	M38510-30301BCB	5962-01-039-6395	5	26
			15	17
			16	10
81349	M38510-30608BEB	5962-01-106-7727	8	22
81349	M38510-30901BEB	5962-01-050-0920	9	13
			10	17
81349	M38510-31101BEB	5962-01-059-2592	3	7
			5	19
81349	M38510-31202BEB	5962-01-058-4867	5	16
			8	21
			13	13
81349	M38510-31302BCB	5962-01-061-6583	2	15
			8	10
			9	12
			10	10
			16	31
81349	M38510-31401BEB	5962-01-068-1039	9	33

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	M38510-31402BEB	5962-01-067-4987	4	39
81349	M38510-31504BEB	5962-01-065-7026	5	14
			6	32
			8	6
			14	40
			19	36
81349	M38510-31512BEB	5962-01-069-2637	12	28
81349	M38510-31602BEB	5962-01-085-0603	19	28
81349	M38510-31901BEB	5962-01-102-5048	13	14
81349	M38510-32204BEB	5962-01-068-1038	13	17
81349	M38510-32503BRB	5962-01-102-3114	2	13
			4	33
			5	6
			6	8
			8	15
			9	7
			10	9
			12	10
			15	13
			17	16
			18	16
81349	M38510-32803BRB	5962-01-110-2679	2	14
			6	20
			8	18
			9	24
			11	24
			12	25
81349	M38510-32901BCB	5962-01-098-5043	2	18
			3	21
81349	M38510/00107BCX		12	33
81349	M38510/00801BCX		14	41
81349	M38510/00803BCX		7	6
			8	20
81349	M38510/01201BCX		19	46
81349	M38510/06002BEB	5962-01-082-9853	4	30
81349	M38510/06003BEB	5962-01-082-9854	4	29
81349	M38510/06004BEB	5962-01-106-4167	4	31
81349	M38510/06102BEB	5962-01-050-5509	4	32
81349	M38510/07003BCX		15	23
81349	M38510/07101BCX	5962-01-026-8818	16	22
			19	39
81349	M38510/10902BCX		14	49
81349	M38510/11201BCX		14	50
			21	13
81349	M38510/11704BYC	5962-01-176-0384	14	2
81349	M38510/11906BCX		17	18
			18	19
			19	21
81349	M38510/12908BPX		14	53
81349	M38510/23112BWC	5962-01-147-5592	13	7
81349	K38510/30001BCX		2	16

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM			
81349	M38510/30001BCX		3	25			
			4	47			
			5	11			
			6	29			
			8	11			
			10	14			
			11	26			
			12	31			
			14	45			
			15	18			
			81349	M38510/30102BCX		4	46
						5	10
						12	23
						14	46
15	16						
81349	M38510/30106BEX		19	44			
			2	21			
			5	18			
			12	29			
			19	33			
81349	M38510/30302BCX		5	17			
81349	M38510/30401BCB	5962-01-035-7479	15	28			
			14	52			
81349	M38510/30501BCX		16	30			
			3	11			
			6	27			
			11	10			
			15	27			
			16	23			
81349	M38510/30605BCX		19	26			
			8	16			
			81349	M38510/30701BEX		2	20
						5	15
			6	23			
			8	17			
			10	8			
			15	15			
			17	19			
			18	20			
81349	M38510/30702BCX	5962-01-067-9804	3	20			
			5	24			
			9	26			
81349	M38510/30902BEX		16	28			
			9	36			
			13	9			
			15	14			
81349	M38510/30903BEX		8	9			
			9	31			
			13	10			
81349	M38510/30905BEB	5962-01-058-5172	12	13			
81349	M38510/30906BEB	5962-01-069-2610	6	9			

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	M38510/30906BEB	5962-01-069-2610	10	16
			13	22
81349	M38510/31004BCX	5962-01-034-9832	2	27
			5	20
			12	30
			15	11
			16	11
81349	M38510/31403BCB	5962-01-084-6427	11	27
81349	M38510/32004BCB	5962-01-084-6426	3	9
81349	M38510/32203BEX	5962-01-074-8876	14	51
			16	19
81349	M38510/32301BCB	5962-01-069-0419	5	25
			15	10
			19	47
81349	M38510/32401BRB	5962-01-093-8823	6	12
			14	43
81349	M38510/32403BRB	5962-01-086-7634	2	12
			4	25
			5	5
			6	6
			7	5
			8	13
			9	8
			10	6
			11	23
			13	5
			15	6
			17	15
			18	15
81349	M38510/32501BRB	5962-01-102-0627	3	8
			6	21
			9	11
			12	12
			16	5
81349	M38510/32502BRX		2	22
			11	22
			12	26
			18	17
			19	37
81349	M38510/53001BQB	5962-01-156-1537	11	14
81349	M38527/05-OO1D	5999-01-084-0860	4	54
81349	M38527/05-002N		14	57
81349	M38527/08-014N		14	66
81349	M39003-01-2261	5910-00-412-9235	22	14
81349	M39003-01-2974	5910-00-236-8740	14	4
81349	M39003-01-3076	5910-00-495-0042	17	3
			18	3
			19	4
81349	M39003/01-2523	5910-01-254-0361	14	6
81349	M39003/01-2524		5	2
			10	2

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	M39003/01-2524		11	2
			21	4
81349	M39003/01-2542		14	7
81349	M39003/01-2764		2	2
			4	7
			6	3
			7	2
			8	2
			9	2
			12	4
			13	2
			15	2
			16	2
81349	M39003/01-2994	5910-00-156-7293	3	2
81349	M39003/01-3094	5910-00-236-8766	14	5
81349	M39003/02-0149		6	2
81349	M39010/10-A181KR		21	6
81349	M39012/55-3007	5935-00-166-6281	23	19
81349	M390125/95-0003		4	10
81349	M39014/05-2007		4	8
81349	M39014/05-2010		4	5
81349	M39014/05-2025		4	3
81349	M39014/05-2055		2	1
			3	1
			4	1
			7	1
			8	1
			9	1
			12	1
			13	1
			14	3
			15	1
			16	1
			17	1
			18	1
			19	1
81349	M39014/05-2245	5910-00-185-4009	4	4
81349	M39014/05-2255	5910-00-113-5488	5	1
81349	M39014/05-2819		19	2
			21	3
81349	M39014/05-2855		6	1
			10	1
			11	1
			21	5
81349	M39016/19-030P		14	13
81349	M39024/12-12	5935-01-012-1848	14	36
			17	13
			18	13
			19	15
81349	M55302/128-AR1C	5935-01-235-8862	11	3
81349	M55302/58-D10F		22	21

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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
81349	M55302/58-D14F		22	22
81349	M55302/58-DZ4F		22	18
81349	M55302/58-D56F		22	19
81349	M55302/63-A1OS	5935-01-064-4724	23	3
81349	M55302/63-A14S	5935-01-089-5143	23	9
81349	M55302/63-A245	5935-01-082-7488	23	18
81349	M55302/63-A56S		23	4
81349	M55310/16-BZ1		9	27
81349	M55310/16-B24A		11	32
81349	M55310/16-B34A		11	12
81349	M8340102HIOO01JB	5905-01-123-7832	14	48
81349	M8340102H2001JB		15	12
81349	M8340102H4700JB		16	21
81349	M8340102MIOO1 GB	5905-01-039-9710	2	9
			10	15
81349	M8340102MIOO1 JB	5905-01-051-1744	3	16
81349	M8340102M1002GB	5905-01-040-0392	7	8
81349	M8340102M1200JA	5905-01-130-3872	12	19
81349	M8340102M1502GB	5905-01-070-6880	2	30
81349	M8340102M4700JB	5905-01-079-1640	3	15
81349	M8340102M4701JB	5905-01-080-1344	6	22
81349	M8340108HIOO1 JC		4	45
81349	M8340108H1200JG		19	23
81349	M8340108H1501JC		4	44
81349	M8340108H2200JG		19	25
81349	M8340108H2700JC		4	37
81349	M8340108H4701JC		19	27
81349	M8340108H5100JC		4	26
			19	17
81349	M83726/13-2001	5945-01-137-0248	14	12
81349	M85528-2-18-A	5935-01-251-5100	1	86
51349	M85528/2-12-A		1	91
81349	M85528/2-14-A	5935-01-251-5099	1	92
81349	M85528/2-20-A		1	93
81349	M85528/2-24-B		1	87
81349	M85528/2-25-A		1	90
80205	NAS1397R2	5340-00-766-6818	1	42
80205	NAS1397R5	5340-00-969-6502	1	55
80205	NAS1830A3B04		20	8
80205	NA51831A3A05		20	10
80205	NA5620-6	5310-00-622-9531	14	67
80205	NAS620C10OL	5310-00-781-9483	1	96
80205	NAS620C2		14	61
80205	NAS620C2L	5310-00-162-9918	20	7
80205	NAS620C4L		1	99
			20	15
			22	2
			23	6
80205	NAS620C6L	5310-00-054-0041	1	39
80205	NAS679CO4M	5310-00-820-7014	22	7
80205	NAS679CO6M	5310-00-801-4420	1	' 67

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	RCR05G101JS	5905-00-180-8301	10	4
81349	RCR05G102JS	5905-00-458-9500	2	4
			4	20
			9	4
			11	5
			12	8
			14	23
			15	4
81349	RCR05G104JS	5905-00-458-9346	2	5
			11	6
			11	7
			14	24
81349	RCR05G121JS	5905-00-255-3700	4	16
81349	RCR05G123JS	5905-00-466-1215	11	6
81349	RCR05G131JS	5905-00-197-0219	9	6
			12	7
81349	RCR05G132JS	5905-00-470-9480	19	14
81349	RCR05G202JS	5905-00-470-9481	4	23
81349	RCR05G204JS	5905-00-470-1319	14	31
81349	RCR05G224JS	5905-00-412-4044	14	32
81349	RCR05G241JS	5905-00-480-0013	17	12
			18	12
			19	11
81349	RCR05G271JS	5905-00-401-7425	4	14
			4	19
81349	RCR05G392JS	5905-00-433-6483	4	21
81349	RCR05G470JS	5905-00-402-7049	4	15
81349	RCR05G472JS	5905-00-617-5091	4	22
			10	5
			17	9
			18	9
81349	RCR05G473JS	5905-00-617-5093	9	5
81349	RCR05G510JS	5905-00-412-0758	4	17
81349	RCR05G511JS	5905-00-197-0224	4	18
81349	RCR05G682JS	5905-00-617-5096	11	8
81349	RCR05G683JS	5905-00-466-1217	14	22
81349	RCR05G753JS	5905-00-407-0089	14	30
81349	RCR07G100JS	5905-00-107-0656	8	4
81349	RCR07G101JS	5905-00-141-1183	14	26
81349	RCR07G102JS	5905-00-110-7620	14	17
81349	RCR07G271JS	5905-00-119-3503	14	27
81349	RCR07G331JS	5905-00-114-0710	14	25
81349	RCR07G391JS	5905-00-121-9932	14	19
81349	RCR07G472JS	5905-00-114-0711	14	35
81349	RCR07G681JS	5905-00-135-6046	14	28
81349	RCR07G821JS	5905-00-119-8768	14	21
81349	RER60F1R00R	5905-00-477-1100	14	29
81349	RER65F68R1R	5905-00-004-6059	14	34
81349	RJR24FP102R	5905-01-200-3932	14	20
81349	RJR24FP501R	5905-01-226-5915	14	18
81349	RJR26FP502P		17	6



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<b>CAGEC</b>	<b>PART NUMBER</b>	<b>STOCK NUMBER</b>	<b>FIG.</b>	<b>ITEM</b>
81349	RJR26FP502P		18	6
81349	R1R05C1002GS	5905-01-176-3873	19	7
			17	5
			18	5
			19	8
81349	R1R07C6800GR		17	7
			18	7
			19	9
81349	RNC50H1000BS	5905-01-033-0393	19	13
81349	RNC55J1000FS	5905-00-419-2845	21	12
81349	RNRS0E1001BP		17	8
			19	10
81349	RNR50E4420BP		17	11
81349	RNR50E953CBP		17	10
			19	12
81349	RNR50H1001BP		18	8
81349	RNR50H4420BP		18	11
81349	RNR50H9530BP		18	10
81349	RNR50J1212FP		21	7
81349	RNR50J2742FP		21	9
81349	RNR50J4751FP		21	8
81349	RNR50J7152FP		21	10
81349	RNR55C2550FP		14	15
81349	RNR55C2551FP		14	16
81349	RNR55J2371FP		21	11
81349	RNR60C56R2FS	5905-00-244-6539	6	5
81349	RWR80N1R50FP		14	33
80063	SM-A-873371		11	36
80063	SM-A-873378		2	17
			11	18
80063	SM-A-873545	5935-01-270-6132	2	3
			3	3
			4	13
			5	3
			6	4
			7	3
			8	3
			9	3
			10	3
			11	4
			12	5
			13	3
			14	14
			15	3
			16	3
			17	4
			18	4
			19	6
80063	SM-A-873546-1	5998-01-271-4211	2	37
			3	31
			4	58

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM			
80063	SM-A-873546-1	5998-01-271-4211	5	32			
			6	39			
			7	17			
			8	28			
			9	42			
			10	29			
			11	40			
			12	39			
			13	29			
			14	70			
			15	34			
			16	37			
			17	31			
			18	34			
			19	55			
			80063	SM-A-873609		3	14
						5	12
						10	7
						16	14
80063	SM-A-873632		22	13			
80063	SM-A-873793		10	12			
80063	SM-A-873794		10	24			
80063	SM-A-873795		10	23			
80063	SM-A-873796		10	22			
80063	SM-A-873797		10	21			
80063	SM-A-873798		10	20			
80063	SM-A-873851		2	10			
80063	SM-A-873852		11	25			
			2	11			
			11	29			
80063	SM-A-873853		11	13			
80063	SM-A-873854		11	17			
80063	SM-A-873855		11	16			
80063	SM-A-873863		6	7			
			9	9			
80063	SM-A-874437		8	14			
80063	SM-A-874455-2		1	41			
80063	SM-A-874536-5		22	24			
80063	SM-A-874536-6	5970-01-043-6344	22	28			
80063	SM-A-874536-7		22	27			
80063	SM-A-874536-9		22	29			
80063	SM-A-874546-1		22	15			
80063	SM-A-874549-1	5935-00-946-4323	23	22			
80063	SM-A-874656		4	41			
80063	SM-A-874722-2		23	25			
80063	SM-A-874725-3		1	50			
80063	SM-A-874938	5940-00-168-8161	1	49			
80063	SM-C-871986-3		23	20			
80063	SM-C-871986-7		23	21			
80063	SM-C-873581		2	33			
			3	27			

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM			
80063	SM-C-873581		4	53			
			5	28			
			6	35			
			7	13			
			8	24			
			9	38			
			10	26			
			12	35			
			13	25			
			15	30			
			16	33			
			80063	SM-C-873583		2	32
						3	26
						4	52
						5	27
6	34						
7	12						
8	23						
9	37						
10	25						
11	35						
12	34						
13	24						
14	55						
15	29						
16	32						
17	27						
18	30						
19	50						
80063	SM-D-873533	5999-01-262-2466	1	17			
80063	SM-D-873534		10	31			
80063	SM-D-873586		10	30			
80063	SM-D-873900	5999-01-262-2463	1	18			
80063	SM-D-873901		9	44			
80063	SM-D-873904	5999-01-260-2787	1	12			
80063	SM-D-873905		6	41			
80063	SM-D-873908	5999-01-262-2462	1	13			
80063	SM-D-873909		8	30			
80063	SM-D-873912		8	29			
80063	SM-D-873913		9	43			
80063	SM-D-873914		6	40			
14933	5962-8752701QX		9	29			
14933	7801901EX		4	38			
67268	7802002EA	5962-01-145-1793	2	19			
			4	50			
			5	9			
			8	5			
			9	30			
			10	19			
			11	30			
			12	20			

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CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
67268	7802002EA	5962-01-145-1793	14	38
			15	9
14933	7802301EX	5962-01-107-5396	3	10
			9	35
			10	18
			12	18
			16	13

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FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
1	1	5999-01-262-2461	57957	C5116758
1	2	5999-01-262-2470	57957	C5116870
1	3	5999-01-262-2467	57957	C5116763
1	4	5999-01-262-2473	57957	C5116788
1	5	5999-01-262-2475	57957	C5116984
1	6	5999-01-262-2474	57957	C5116793
1	7	5999-01-262-2469	57957	C5116768
1	8	5999-01-262-2468	57957	C5116808
1	9	5999-01-262-2471	57957	C5116778
1	10	5999-01-262-2472	57957	C5116783
1	11	5999-01-262-2459	57957	C5116753
1	12	5999-01-260-2787	80063	SM-D-873904
1	13	5999-01-262-2462	80063	SM-D-873908
1	14	5999-01-260-2788	57957	C5116853
1	15	5999-01-260-2786	57957	C5116888
1	16	5999-01-262-4709	57957	C5116748
1	17	5999-01-262-2466	80063	SM-D-873533
1	18	5999-01-262-2463	80063	SM-D-873900
1	19		57957	C5117956
1	20	5935-01-262-2403	57957	C5116831
1	21	5955-01-269-9163	57957	C5118466
1	22	5995-01-262-4640	57957	C5116840
1	23	5995-01-262-4644	57957	C5116844
1	24	5995-01-262-6572	57957	C5116849
1	25	5995-01-262-6573	57957	C5116802
1	26	5995-01-262-4639	57957	C5116839
1	27	5995-01-262-4643	57957	C5116843
1	28	5995-01-262-6571	57957	C5116847
1	29	5995-01-262-4642	57957	C5116842
1	30	5995-01-262-6575	57957	C5117963
1	31	5995-01-262-6570	57957	C5116846
1	32	5995-01-262-6569	57957	C5116845
1	33	5995-01-262-4641	57957	C5116841
1	34	5915-01-266-1653	57957	C5116862
1	35	5995-01-262-4637	57957	C5116837
1	36	5995-01-262-4638	57957	C5116838
1	37	5995-01-262-6574	57957	C5116805
1	38		57957	C5116830
1	39	5310-00-054-0041	80205	HAS620C6L
1	40	5305-00-054-6651	96906	MS51957-27
1	41		80063	SM-A-874455-2
1	42	5340-00-766-6818	80205	NAS1397R2
1	43	5310-00-722-5998	96906	M515795-805
1	44	5305-00-054-6653	96906	MS51957-29
1	45		57957	C5116817
1	46	5970-01-276-4879	57957	C5116860
1	47	5340-00-245-5195	96906	MS21209C0610
1	48		57957	C5116833
1	49	5940-00-168-8161	80063	SM-A-874938
1	50		80063	SM-A-874725-3
1	51	5305-00-054-6652	96906	MS51957-28

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FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
1	52	6150-01-274-8898	57957	C5118579
1	53	6150-01-274-8899	57957	C5118580
1	54	5310-00-929-6395	96906	MS35338-136
1	55	5340-00-969-6502	80205	NAS1397R5
1	56		81349	M24308/25-1
1	57		57957	C5118128-3
1	58	5305-00-054-6656	96906	MS51957-32
1	59		57957	C5116865
1	60	5935-00-465-4378	81349	M24308/1-1
1	61	5962-01-276-2122	57957	C5118219
1	62		57957	C5118220
1	63		57957	C5117851
1	64		57957	C5116851
1	65	5320-00-242-1588	96906	MS20470DD4-4
1	66		57957	C5116850
1	67	5310-00-801-4420	80205	NAS679CO6M
1	68	5310-00-722-5998	96906	M515795-805
1	69		57957	C5118049
1	70	5305-00-054-6662	96906	M551957-38
1	71		57957	C5118127
1	72		57957	C5117959
1	73	5305-00-054-6654	96906	M551957-30
1	74		81349	M24308/25-1
1	75	5935-00-410-9251	81349	M24308/3-1
1	76		96906	MS20426DD3-4
1	77	5310-00-728-7714	96906	M521069L06
1	78	5935-01-052-9436	81349	M24308/26-1
1	79	5315-01-272-7602	57957	C5116876
1	80	3120-01-272-0725	57957	C5117286-2
1	81	5310-00-728-7715	96906	MS21069L08
1	82	5320-00-655-4757	96906	M5S20426A3-4
1	83		57957	C5116825
1	84		57957	C5117965
1	85	5305-00-054-6650	96906	M551957-26
1	86	5935-01-251-5100	81349	M85528-2-18-A
1	87		81349	M85528/2-24-B
1	88	5940-00-827-2653	96906	M577068-2
1	89	5935-01-042-2404	96906	MS27656T25B29P
1	90		81349	M85528/2-25-A
1	91		81349	M85528/2-12-A
1	92	5935-01-251-5099	81349	M85528/2-14-A
1	93		81349	M85528/2-20-A
1	94		96906	MS21209COF1-15
1	95		57957	C5116836
1	96	5310-00-781-9483	80205	NAS62OC1OL
1	97	5305-00-059-3659	96906	MS51958-63
1	98		57957	C5090281
1	99		80205	NA5620C4L
1	100	5305-00-054-5649	96906	M551957-15
1	101		57957	C5116826
1	102		57957	C5118131

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FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
1	103	5305-00-088-9670	96906	MS24693-C53
2	1		81349	M39014/05-2055
2	2		81349	M39003/01-2764
2	3	5935-01-270-6132	80063	SM-A-873545
2	4	5905-00-458-9500	81349	RCR05G102JS
2	5	5905-00-458-9346	81349	RCR05GIO4JS
2	6		57957	C5118200
2	7		57957	C5118201
2	8		57957	C5118328
2	9	5905-01-039-9710	81349	M8340102M100IGB
2	10		80063	SM-A-873851
2	11		80063	SM-A-873852
2	12	5962-01-086-7634	81349	M38510/32403BRB
2	13	5962-01-102-3114	81349	M38510-32503BRB
2	14	5962-01-110-2679	81349	M38510-32803BRB
2	15	5962-01-061-6583	81349	M38510-31302BCB
2	16		81349	M38510/30001BCX
2	17		80063	SM-A-873378
2	18	5962-01-098-5043	81349	M38510-32901BCB
2	19	5962-01-145-1793	67268	7802002EA
2	20		81349	M38510/30701BEX
2	21		81349	M38510/30106BEX
2	22		81349	M38510/32502BRX
2	23	5962-01-051-3402	81349	M38510-30109BEB
2	24		57957	C5118203
2	25		57957	C5118204
2	26		57957	C5118205
2	27	5962-01-034-9832	81349	M38510/31004BCX
2	28	5962-01-069-3045	81349	M38510-10901BPB
2	29		57957	C5117964
2	30	5905-01-070-6880	81349	M8340102M1502GB
2	31		57957	C5118469
2	32		80063	SM-C-873583
2	33		80063	SM-C-873581
2	34	5320-00-243-8375	96906	MS20470A2-5
2	35	5320-00-242-0369	96906	MS20470A2-6
2	36	5320-00-721-5277	96906	M520426A2-5
2	37	5998-01-271-4211	80063	SM-A-873546-1
2	38		57957	C5116752
2	39		57957	C5116749
2	40	5935-01-046-9419	81349	M28754/24-01
3	1		81349	M39014/05-2055
3	2	5910-00-156-7293	81349	M39003/01-2994
3	3	5935-01-270-6132	80063	SM-A-873545
3	4		57957	C5118529
3	5		57957	C5118236
3	6		57957	C5118237
3	7	5962-01-059-2592	81349	M38510-31101BEB
3	8	5962-01-102-0627	81349	M38510/32501BRB
3	9	5962-01-084-6426	81349	M38510/32004BCB
3	10	5962-01-107-5396	14933	7802301EX

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
3	11		81349	M38510/30501BCX
3	12		57957	C5118286
3	13		57957	C5118238
3	14		80063	SM-A-873609
3	15	5905-01-079-1640	81349	M8340102M4700JB
3	16	5905-01-051-1744	81349	M8340102M1001JB
3	17		57957	C5118287
3	18		57957	C5118288
3	19		57957	C5090981
3	20	5962-01-067-9804	81349	M38510/30702BCX
3	21	5962-01-098-5043	81349	M38510-32901BCB
3	22		57957	C5118274
3	23	5962-01-042-0369	81349	M38510-30004BCB
3	24	5962-01-051-3402	81349	M38510-30109BEB
3	25		81349	M38510/30001BCX
3	26		80063	SM-C-873583
3	27		80063	SM-C-873581
3	28	5320-00-243-8375	96906	MS20470A2-5
3	29	5320-00-242-0369	96906	MS20470A2-6
3	30	5320-00-721-5277	96906	MS20426A2-5
3	31	5998-01-271-4211	80063	SM-A-873546-1
3	32		57957	C5116757
3	33		57957	C5116754
3	34	5935-01-046-9419	81349	M28754/24-01
4	1		81349	M39014/05-2055
4	2	5910-00-098-9281	81349	CK12BX102M
4	3		81349	M39014/05-2025
4	4	5910-00-185-4009	81349	M39014/05-2245
4	5		81349	M39014/05-2010
4	6	5910-01-057-4381	81349	CMR04C5R0DPDR
4	7		81349	M39003/01-2764
4	8		81349	M39014/05-2007
4	9		81349	JANTX1N5461
4	10		81349	M390125/95-0003
4	11		96906	M521423-01
4	12	5950-00-035-4417	96906	M575083-5
4	13	5935-01-270-6132	80063	SM-A-873545
4	14	5905-00-401-7425	81349	RCR05G271JS
4	15	5905-00-402-7049	81349	RCR05G470JS
4	16	5905-00-255-3700	81349	RCR05G121JS
4	17	5905-00-412-0758	81349	RCR05G510JS
4	18	5905-00-197-0224	81349	RCR05G511JS
4	19	5905-00-401-7425	81349	RCR05G271JS
4	20	5905-00-458-9500	81349	RCR05G102JS
4	21	5905-00-433-6483	81349	RCR05G392JS
4	22	5905-00-617-5091	81349	RCR05G472JS
4	23	5905-00-470-9481	81349	RCR05G202JS
4	24	5999-01-270-1890	57957	C5118465
4	25	5962-01-086-7634	81349	M38510/32403BRB
4	26		81349	M8340108H5100JC
4	27	5962-01-103-5080	81349	M38510-06302BEB



## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
4	28	5962-01-098-6582	81349	M38510-06201BEB
4	29	5962-01-082-9854	81349	M38510/06003BEB
4	30	5962-01-082-9853	81349	M38510/06002BEB
4	31	5962-01-106-4167	81349	M38510/06004BEB
4	32	5962-01-050-5509	81349	M38510/06102BEB
4	33	5962-01-102-3114	81349	M38510-32503BRB
4	34	5962-01-084-6425	81349	M38510-06101BEB
4	35		57957	C5118530
4	36		57957	C5118549
4	37		81349	M8340108H2700JC
4	38		14933	7801901EX
4	39	5962-01-067-4987	81349	M38510-31402BEB
4	40		57957	C5118535
4	41		80063	SM-A-874656
4	42		57957	C5118531
4	43		57957	C5118399
4	44		81349	M8340108H1501JC
4	45		81349	M8340108HIOO1JC
4	46		81349	M38510/30102BCX
4	47		81349	M38510/30001BCX
4	48		57957	C5118534
4	49	5962-01-101-2392	81349	M38510-06301BEB
4	50	5962-01-145-1793	67268	7802002EA
4	51		57957	C5118533
4	52		80063	SM-C-873583
4	53		80063	SM-C-873581
4	54	5999-01-084-0860	81349	M38527/05-OO1D
4	55	5320-00-243-8375	96906	MS20470A2-5
4	56	5320-00-242-0369	96906	MS2047QA2-6
4	57	5320-00-721-5277	96906	MS20426A2-5
4	58	5998-01-271-4211	80063	SM-A-873546-1
4	59		57957	C5116762
4	60		57957	C5116759
4	61	5935-01-046-9419	81349	M28754/24-01
5	1	5910-00-113-5488	81349	M39014/05-2255
5	2		81349	M39003/01-2524
5	3	5935-01-270-6132	80063	SM-A-873545
5	4	5999-01-270-1890	57957	C5118465
5	5	5962-01-086-7634	81349	M38510/32403BRB
5	6	5962-01-102-3114	81349	M38510-32503BRB
5	7		57957	C5118347
5	8	5962-01-027-6863	81349	M38510-30003BCB
5	9	5962-01-145-1793	67268	7802002EA
5	10		81349	M38510/30102BCX
5	11		81349	M38510/30001BCX
5	12		80063	SM-A-873609
5	13		57957	C5118229
5	14	5962-01-065-7026	81349	M38510-31504BEB
5	15		81349	M38510/30701BEX
5	16	5962-01-058-4867	81349	M38510-31202BEB
5	17		81349	M38510/30302BCX

**CROSS REFERENCE INDEXES**

<b>FIG.</b>	<b>ITEM</b>	<b>FIGURE AND ITEM NUMBER INDEX STOCK NUMBER</b>	<b>CAGEC</b>	<b>PART NUMBER</b>
5	18		81349	M38510/30106BEX
5	19	5962-01-059-2592	81349	M38510-31101BEB
5	20	5962-01-034-9832	81349	M38510/31004BCX
5	21	5962-01-030-6352	81349	M38510-30005BCB
5	22	5962-01-026-2493	81349	M38510-30007BCB
5	23	5962-01-021-5875	81349	M38510-07001BCB
5	24	5962-01-067-9804	81349	M38510/30702BCX
5	25	5962-01-069-0419	81349	M38510/32301BCB
5	26	5962-01-039-6395	81349	M38510-30301BCB
5	27		80063	SM-C-873583
5	28		80063	SM-C-873581
5	29	5320-00-243-8375	96906	MS20470A2-5
5	30	5320-00-242-0369	96906	MS20470A2-6
5	31	5320-00-721-5277	96906	MS20426A2-5
5	32	5998-01-271-4211	80063	SM-A-873546-1
5	33		57957	C5116766
5	34		57957	C5116764
5	35	5935-01-046-9419	81349	M28754/24-01
6	1		81349	M39014/05-2855
6	2		81349	M39003/02-0149
6	3		81349	M39003/01-2764
6	4	5935-01-270-6132	80063	SM-A-873545
6	5	5905-00-244-6539	81349	RNR60C56R2FS
6	6	5962-01-086-7634	81349	M38510/32403BRB
6	7		80063	SM-A-873863
6	8	5962-01-102-3114	81349	M38510-32503BRB
6	9	5962-01-069-2610	81349	M38510/30906BEB
6	10	5962-01-226-2812	57957	C5118681
6	11	5962-01-178-6881	57957	C5118492
6	12	5962-01-093-8823	81349	M38510/32401BRB
6	13		57957	C5118427
6	14	5962-01-277-2640	57957	C5118174
6	15	5962-01-277-2639	57957	C5118192
6	16	5962-01-277-2641	57957	C5118193
6	17	5962-01-277-2642	57957	C5118194
6	18		57957	C5118345
6	19	5962-01-277-2643	57957	C5118196
6	20	5962-01-110-2679	81349	M38510-32803BRB
6	21	5962-01-102-0627	81349	M38510/32501BRB
6	22	5905-01-080-1344	81349	M8340102M4701JB
6	23		81349	M38510/30701BEX
6	24	5962-01-027-6863	81349	M38510-30003BCB
6	25	5962-01-277-2644	57957	C5118197
6	26	5962-01-277-2645	57957	C5118277
6	27		81349	M38510/30501BCX
6	28	5962-01-277-2644	57957	C5118197
6	29		81349	M38510/30001BCX
6	30		57957	C5118337
6	31		57957	C5118338
6	32	5962-01-065-7026	81349	M38510-31504BEB
6	33		81349	CR64/U 12.0MHZ

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
6	34		80063	SM-C-873583
6	35		80063	SM-C-873581
6	36	5320-00-243-8375	96906	MS20470A2-5
6	37	5320-00-242-0369	96906	MS20470A2-6
6	38	5320-00-721-5277	96906	MS20426A2-5
6	39	5998-01-271-4211	80063	SM-A-873546-1
6	40		80063	SM-D-873914
6	41		80063	SM-D-873905
6	42	5935-01-046-9419	81349	M28754/24-01
7	1		81349	M39014/05-2055
7	2		81349	M39003/01-2764
7	3	5935-01-270-6132	80063	SM-A-873545
7	4	5999-01-270-1890	57957	C5118465
7	5	5962-01-086-7634	81349	M38510/32403BRB
7	6		81349	M38510/00803BCX
7	7		57957	C5118517
7	8	5905-01-040-0392	81349	M8340102M1002GB
7	9		57957	C5118516
7	10		57957	C5118391
7	11	5962-01-271-4241	57957	C5118364
7	12		80063	SM-C-873583
7	13		80063	SM-C-873581
7	14	5320-00-243-8375	96906	MS20470A2-5
7	15	5320-00-242-0369	96906	MS20470A2-6
7	16	5320-00-721-5277	96906	MS20426A2-5
7	17	5998-01-271-4211	80063	SM-A-873546-1
7	18		57957	C5116857
7	19		57957	C5116854
7	20	5935-01-046-9419	81349	M28754/24-01
8	1		81349	M39014/05-2055
8	2		81349	M39003/01-2764
8	3	5935-01-270-6132	80063	SM-A-873545
8	4	5905-00-107-0656	81349	RCR07G100JS
8	5	5962-01-145-1793	67268	7802002EA
8	6	5962-01-065-7026	81349	M38510-31504BEB
8	7		57957	C5118198
8	8		57957	C5118199
8	9		81349	M38510/30903BEX
8	10	5962-01-061-6583	81349	M38510-31302BCB
8	11		81349	M38510/30001BCX
8	12	5962-01-026-6055	81349	M38510-30009BCB
8	13	5962-01-086-7634	81349	M38510/32403BRB
8	14		80063	SM-A-874437
8	15	5962-01-102-3114	81349	M38510-32503BRB
8	16		81349	M38510/30605BCX
8	17		81349	M38510/30701BEX
8	18	5962-01-110-2679	81349	M38510-32803BRB
8	19		57957	C5118235
8	20		81349	M38510/00803BCX
8	21	5962-01-058-4867	81349	M38510-31202BEB
8	22	5962-01-106-7727	81349	M38510-30608BEB

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
8	23		80063	SM-C-873583
8	24		80063	SM-C-873581
8	25	5320-00-243-8375	96906	MS20470A2-5
8	26	5320-00-242-0369	96906	MS20470A2-6
8	27	5320-00-721-5277	96906	MS20426A2-5
8	28	5998-01-271-4211	80063	SM-A-873546-1
8	29		80063	SM-D-873912
8	30		80063	SM-D-873909
8	31	5935-01-046-9419	81349	M28754/24-01
9	1		81349	M39014/05-2055
9	2		81349	M39003/01-2764
9	3	5935-01-270-6132	80063	SM-A-873545
9	4	5905-00-458-9500	81349	RCR05G102JS
9	5	5905-00-617-5093	81349	RCR05G473JS
9	6	5905-00-197-0219	81349	RCR05G131JS
9	7	5962-01-102-3114	81349	M38510-32503BRB
9	8	5962-01-086-7634	81349	M38510/32403BRB
9	9		80063	SM-A-873863
9	10		57957	C5118564
9	11	5962-01-102-0627	81349	M38510/32501BRB
9	12	5962-01-061-6583	81349	M38510-31302BCB
9	13	5962-01-050-0920	81349	M38510-30901BEB
9	14		57957	C5090979
9	15		57957	C5118354
9	16		57957	C5118266
9	17		57957	C5118268
9	18		57957	C5118189
9	19		57957	C5118162
9	20		57957	C5118265
9	21		57957	C5118267
9	22		57957	C5090978
9	23		57957	C5090986
9	24	5962-01-110-2679	81349	M38510-32803BRB
9	25		57957	C5090985
9	26	5962-01-067-9804	81349	M38510/30702BCX
9	27		81349	M55310/16-B21
9	28		57957	C5118223
9	29		14933	5962-8752701QX
9	30	5962-01-145-1793	67268	7802002EA
9	31		81349	M38510/30903BEX
9	32		57957	C5118224
9	33	5962-01-068-1039	81349	M38510-31401BEB
9	34		57957	C5118410
9	35	5962-01-107-5396	14933	7802301EX
9	36		81349	M38510/30902BEX
9	37		80063	SM-C-873583
9	38		80063	SM-C-873581
9	39	5320-00-243-8375	96906	MS20470A2-5
9	40	5320-00-242-0369	96906	MS20470A2-6
9	41	5320-00-721-5277	96906	MS20426A2-5
9	42	5998-01-271-4211	80063	SM-A-873546-1

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
9	43		80063	SM-D-873913
9	44		80063	SM-D-873901
9	45	5935-01-046-9419	81349	M28754/24-01
10	1		81349	M39014/05-2855
10	2		81349	M39003/01-2524
10	3	5935-01-270-6132	80063	SM-A-873545
10	4	5905-00-180-8301	81349	RCR05G101JS
10	5	5905-00-617-5091	81349	RCR05G472JS
10	6	5962-01-086-7634	81349	M38510/32403BRB
10	7		80063	SM-A-873609
10	8		81349	M38510/30701BEX
10	9	5962-01-102-3114	81349	M38510-32503BRB
10	10	5962-01-061-6583	81349	M38510-31302BCB
10	11	5962-01-032-0365	81349	M38510-30202BCB
10	12		80063	SM-A-873793
10	13	5962-01-051-3402	81349	M38510-30109BEB
10	14		81349	M38510/30001BCX
10	15	5905-01-039-9710	81349	M8340102M10001GB
10	16	5962-01-069-2610	81349	M38510/30906BEB
10	17	5962-01-050-0920	81349	M38510-30901BEB
10	18	5962-01-107-5396	14933	7802301EX
10	19	5962-01-145-1793	67268	7802002EA
10	20		80063	SM-A-873798
10	21		80063	SM-A-873797
10	22		80063	SM-A-873796
10	23		80063	SM-A-873795
10	24		80063	SM-A-873794
10	25		80063	SM-C-873583
10	26		80063	SM-C-873581
10	27	5320-00-243-8375	96906	MS20470A2-5
10	28	5320-00-660-1094	96906	MS20426A2-4
10	29	5998-01-271-4211	80063	SM-A-873546-1
10	30		80063	SM-D-873586
10	31		80063	SM-D-873534
10	32	5935-01-046-9419	81349	M28754/24-01
11	1		81349	M39014/05-2855
11	2		81349	M39003/01-2524
11	3	5935-01-235-8862	81349	M55302/128-AR1C
11	4	5935-01-270-6132	80063	SM-A-873545
11	5	5905-00-458-9500	81349	RCR05G102JS
11	6	5905-00-458-9346	81349	RCR05G104JS
11	6	5905-00-466-1215	81349	RCR05G123JS
11	7	5905-00-458-9346	81349	RCR05G104JS
11	8	5905-00-617-5096	81349	RCR05G682JS
11	9	5999-01-270-1890	57957	C5118465
11	10		81349	M38510/30501BCX
11	11	5962-01-277-2624	57957	C5118218
11	12		81349	M55310/16-B34A
11	13		80063	SM-A-873853
11	14	5962-01-156-1537	81349	M38510/53001BQB
11	15	5962-01-201-2465	57957	C5118618

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
11	16		80063	SM-A-873855
11	17		80063	SM-A-873854
11	18		80063	SM-A-873378
11	19		57957	C5118526
11	20	5962-01-277-2622	57957	C5118216
11	21	5962-01-277-2623	57957	C5118217
11	22		81349	M38510/32502BRX
11	23	5962-01-086-7634	81349	M38510/32403BRB
11	24	5962-01-110-2679	81349	M38510-32803BRB
11	25		80063	SM-A-873851
11	26		81349	M38510/30001BCX
11	27	5962-01-084-6427	81349	M38510/31403BCB
11	28	5962-01-027-6863	81349	M38510-30003BCB
11	29		80063	SM-A-873852
11	30	5962-01-145-1793	67268	7802002EA
11	31		57957	C5118469
11	32		81349	M55310/16-B24A
11	33		57957	C5116918
11	34		57957	C5116897
11	35		80063	SM-C-873583
11	36		80063	SM-A-873371
11	37	5320-00-243-8375	96906	MS20470A2-5
11	38	5320-00-242-0369	96906	MS20470A2-6
11	39	5320-00-721-5277	96906	M520426A2-5
11	40	5998-01-271-4211	80063	SM-A-873546-1
11	41		57957	C5116892
11	42		57957	C5116889
11	43	5935-01-046-9419	81349	M28754/24-01
12	1		81349	M39014/05-2055
12	2		81349	CCR75CG151GM
12	3	5910-01-070-3510	81349	CCR75CG330GR
12	4		81349	M39003/01-2764
12	5	5935-01-270-6132	80063	SM-A-873545
12	7	5905-00-197-0219	81349	RCR05G131JS
12	8	5905-00-458-9500	81349	RCR05G102JS
12	9	5999-01-270-1890	57957	C5118465
12	10	5962-01-102-3114	81349	M38510-32503BRB
12	11		57957	C5118391
12	12	5962-01-102-0627	81349	M38510/32501BRB
12	13	5962-01-058-5172	81349	M38510/30905BEB
12	14		57957	C5118339
12	15		57957	C5118211
12	16		57957	C5118210
12	17		57957	C5118410
12	18	5962-01-107-5396	14933	7802301EX
12	19	5905-01-130-3872	81349	M8340102M1200JA
12	20	5962-01-145-1793	67268	7802002EA
12	21	5962-00-428-7318	81349	M38510-00403BCB
12	22	5962-01-270-2175	57957	C5118415
12	23		81349	M38510/30102BCX
12	24	5962-01-027-6863	81349	M38510-30003BCB

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
12	25	5962-01-110-2679	81349	M38510-32803BRB
12	26		81349	M38510/32502BRX
12	27		57957	C5118230
12	28	5962-01-069-2637	81349	M38510-31512BEB
12	29		81349	M38510/30106BEX
12	30	5962-01-034-9832	81349	M38510/31004BCX
12	31		81349	M38510/30001BCX
12	32		57957	C5118302
12	33		81349	M38510/00107BCX
12	34		80063	SM-C-873583
12	35		80063	SM-C-873581
12	36	5320-00-243-8375	96906	MS20470A2-5
12	37	5320-00-242-0369	96906	MS20470A2-6
12	38	5320-00-721-5277	96906	MS20426A2-5
12	39	5998-01-271-4211	80063	SM-A-873546-1
12	40		57957	C5116812
12	41		57957	C5116809
12	42	5935-01-046-9419	81349	M28754/24-01
13	1		81349	M39014/05-2055
13	2		81349	M39003/01-2764
13	3	5935-01-270-6132	80063	SM-A-873545
13	4	5999-01-270-1890	57957	C5118465
13	5	5962-01-086-7634	81349	M38510/32403BRB
13	6		57957	C5116919
13	7	5962-01-147-5592	81349	M38510/23112BWC
13	8		57957	C5118524
13	9		81349	M38510/30902BEX
13	10		81349	M38510/30903BEX
13	11		57957	C5116921
13	12		57957	C5118307
13	13	5962-01-058-4867	81349	M38510-31202BEB
13	14	5962-01-102-5048	81349	M38510-31901BEB
13	15		57957	C5116920
13	16		57957	C5118280
13	17	5962-01-068-1038	81349	M38510-32204BEB
13	18		57957	C5118278
13	19		57957	C5118276
13	20		57957	C5118306
13	21	5962-01-027-6863	81349	M38510-30003BCB
13	22	5962-01-069-2610	81349	M38510/30906BEB
13	23		57957	C5116922
13	24		80063	SM-C-873583
13	25		80063	SM-C-873581
13	26	5320-00-243-8375	96906	MS20470A2-5
13	27	5320-00-242-0369	96906	MS20470A2-6
13	28	5320-00-721-5277	96906	MS20426A2-5
13	29	5998-01-271-4211	80063	SM-A-873546-1
13	30		57957	C5116772
13	31		57957	C5116769
13	32	5935-01-046-9419	81349	M28754/24-01
14	1		57957	C5118063

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
14	2	5962-01-176-0384	81349	M38510/11704BYC
14	3		81349	M39014/05-2055
14	4	5910-00-236-8740	81349	M39003-01-2974
14	5	5910-00-236-8766	81349	M39003/01-3094
14	6	5910-01-254-0361	81349	M39003/01-2523
14	7		81349	M39003/01-2542
14	8		81349	JANTXV1N645
14	9		81349	JANTXV1N5526
14	10		81349	JANTXV1N5806
14	11		81349	JANTXV1N973B-1
14	12	5945-01-137-0248	81349	M83726/13-2001
14	13		81349	M39016/19-030P
14	14	5935-01-270-6132	80063	SM-A-873545
14	15		81349	RNR55C2550FP
14	16		81349	RNR55C2551FP
14	17	5905-00-110-7620	81349	RCR07G102JS
14	18	5905-01-226-5915	81349	RJR24FP501R
14	19	5905-00-121-9932	81349	RCR07G391JS
14	20	5905-01-200-3932	81349	RJR24FP102R
14	21	5905-00-119-8768	81349	RCR07G821JS
14	22	5905-00-466-1217	81349	RCR05G683JS
14	23	5905-00-458-9500	81349	RCR05G102JS
14	24	5905-00-458-9346	81349	RCR05G104JS
14	25	5905-00-114-0710	81349	RCR07G331JS
14	26	5905-00-141-1183	81349	RCR07G101JS
14	27	5905-00-119-3503	81349	RCR07G271JS
14	28	5905-00-135-6046	81349	RCR07G681JS
14	29	5905-00-477-1100	81349	RER60F1R00R
14	30	5905-00-407-0089	81349	RCR05G753JS
14	31	5905-00-470-1319	81349	RCR05G204JS
14	32	5905-00-412-4044	81349	RCR05G224JS
14	33		81349	RWR80N1R50FP
14	34	5905-00-004-6059	81349	RER65F68R1R
14	35	5905-00-114-0711	81349	RCR07G472JS
14	36	5935-01-012-1848	81349	M39024/12-12
14	37	5999-01-270-1890	57957	C5118465
14	38	5962-01-145-1793	67268	7802002EA
14	39	5962-01-027-6863	81349	M38510-30003BCB
14	40	5962-01-065-7026	81349	M38510-31504BEB
14	41		81349	M38510/00801BCX
14	42	5962-01-030-6352	81349	M38510-30005BCB
14	43	5962-01-093-8823	81349	M38510/32401BRB
14	44	5962-01-026-6055	81349	M38510-30009BCB
14	45		81349	M38510/30001BCX
14	46		81349	M38510/30102BCX
14	47	5962-01-057-3455	81349	M38510-30107BEB
14	48	5905-01-123-7832	81349	M8340102H1001JB
14	49		81349	M38510/10902BCX
14	50		81349	M38510/11201BCX
14	51	5962-01-074-8876	81349	M38510/32203BEX
14	52	5962-01-035-7479	81349	M38510/30401BCB



## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
14	53		81349	M38510/12908BPX
14	54	5962-01-131-3898	81349	M38510-10304BPB
14	55		80063	SM-C-873583
14	56		57957	C5116874
14	57		81349	M38527/05-002N
14	58	5320-00-242-0369	96906	MS20470A2-6
14	59	5310-00-938-2013	96906	MS35649-224
14	60	5310-00-928-2690	96906	MS35338-134
14	61		80205	NA5620C2
14	62	5305-00-054-5638	96906	MS51957-4
14	63	5310-00-934-9761	96906	MS35649-264
14	64	5310-00-929-6395	96906	MS35338-136
14	65	5940-00-827-2653	96906	MS77068-2
14	66		81349	M38527/08-014N
14	67	5310-00-622-9531	80205	NAS620-6
14	68		57957	C5118647
14	69	5320-00-721-5277	96906	MS20426A2-5
14	70	5998-01-271-4211	80063	SM-A-873546-1
14	71		57957	C5116873
14	72		57957	C5116871
14	73	5935-01-046-9419	81349	M28754/24-01
15	1		81349	M39014/05-2055
15	2		81349	M39003/01-2764
15	3	5935-01-270-6132	80063	SM-A-873545
15	4	5905-00-458-9500	81349	RCR05G102JS
15	5	5999-01-270-1890	57957	C5118465
15	6	5962-01-086-7634	81349	M38510/32403BRB
15	7		57957	C5118270
15	8		57957	C5118330
15	9	5962-01-145-1793	67268	7802002EA
15	10	5962-01-069-0419	81349	M38510/32301BCB
15	11	5962-01-034-9832	81349	M38510/31004BCX
15	12		81349	M8340102H2001JB
15	13	5962-01-102-3114	81349	M38510-32503BRB
15	14		81349	M38510/30902BEX
15	15		81349	M38510/30701BEX
15	16		81349	M38510/30102BCX
15	17	5962-01-039-6395	81349	M38510-30301BCB
15	18		81349	M38510/30001BCX
15	19	5962-01-027-6863	81349	M38510-30003BCB
15	20		57957	C5118574
15	21		57957	C5116775
15	22		57957	C5117996
15	23		81349	M38510/07003BCX
15	24		57957	C5116774
15	25		57957	C5116776
15	26		57957	C5116773
15	27		81349	M38510/30501BCX
15	28		81349	M38510/30302BCX
15	29		80063	SM-C-873583
15	30		80063	SM-C-873581

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
15	31	5320-00-243-8375	96906	MS20470A2-5
15	32	5320-00-242-0369	96906	MS20470A2-6
15	33	5320-00-721-5277	96906	MS20426A2-5
15	34	5998-01-271-4211	80063	SM-A-873546-1
15	35		57957	C5116782
15	36		57957	C5116779
15	37	5935-01-046-9419	81349	M28754/24-01
16	1		81349	M39014/05-2055
16	2		81349	M39003/01-2764
16	3	5935-01-270-6132	80063	SM-A-873545
16	4	5999-01-270-1890	57957	C5118465
16	5	5962-01-102-0627	81349	M38510/32501BRB
16	6	5962-01-027-6863	81349	M38510-30003BCB
16	7		57957	C5118324
16	8		57957	C5090988
16	9		57957	C5118559
16	10	5962-01-039-6395	81349	M38510-30301BCB
16	11	5962-01-034-9832	81349	M38510/31004BCX
16	12	5962-01-055-4258	81349	M38510-30006BCB
16	13	5962-01-107-5396	14933	7802301EX
16	14		80063	SM-A-873609
16	15		57957	C5118529
16	16		57957	C5118255
16	17		57957	C5118349
16	18		57957	C5118350
16	19	5962-01-074-8876	81349	M38510/32203BEX
16	20		57957	C5118262
16	21		81349	M8340102H4700JB
16	22	5962-01-026-8818	81349	M38510/07101BCX
16	23		81349	M38510/30501BCX
16	24	5962-01-057-3455	81349	M38510-30107BEB
16	25		57957	C5118343
16	26		57957	C5090989
16	27	5962-01-051-3402	81349	M38510-30109BEB
16	28	5962-01-067-9804	81349	M38510/30702BCX
16	29		57957	C5090987
16	30	5962-01-035-7479	81349	M38510/30401BCB
16	31	5962-01-061-6583	81349	M38510-31302BCB
16	32		80063	SM-C-873583
16	33		80063	SM-C-873581
16	34	5320-00-243-8375	96906	MS20470A2-5
16	35	5320-00-242-0369	96906	MS20470A2-6
16	36	5320-00-721-5277	96906	MS20426A2-5
16	37	5998-01-271-4211	80063	SM-A-873546-1
16	38		57957	C5116787
16	39		57957	C5116784
16	40	5935-01-046-9419	81349	M28754/24-01
17	1		81349	M39014/05-2055
17	2	5910-00-189-4248	81349	CS13AC330M
17	3	5910-00-495-0042	81349	M39003-01-3076
17	4	5935-01-270-6132	80063	SM-A-873545

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
17	5	5905-01-176-3873	81349	RLR05C1102GS
17	6		81349	RJR26FP502P
17	7		81349	RLR07C6800GR
17	8		81349	RNR50E1001BP
17	9	5905-00-617-5091	81349	RCR05G472JS
17	10		81349	RNR50E9530BP
17	11		81349	RNR50E4420BP
17	12	5905-00-480-0013	81349	RCR05G241JS
17	13	5935-01-012-1848	81349	M39024/12-12
17	14	5999-01-270-1890	57957	C5118465
17	15	5962-01-086-7634	81349	M38510/32403BRB
17	16	5962-01-102-3114	81349	M38510-32503BRB
17	17		57957	C5118227
17	18		81349	M38510/11906BCX
17	19		81349	M38510/30701BEX
17	20	5962-01-027-6863	81349	M38510-30003BCB
17	21		57957	C5118521
17	22	5962-01-305-8477	57957	C5118482
17	23	5961-01-193-8518	81349	JANTXV1N829-1
17	24		57957	C5118233
17	25		57957	C5116777
17	26	5961-01-193-8518	81349	JANTXV1N829-1
17	27		80063	SM-C-873583
17	28		57957	C5116861
17	29	5320-00-721-5277	96906	MS20426A2-5
17	30	5320-00-242-0369	96906	MS20470A2-6
17	31	5998-01-271-4211	80063	SM-A-873546-1
17	32		57957	C5116792
17	33		57957	C5116789
17	34	5935-01-046-9419	81349	M28754/24-01
18	1		81349	M39014/05-2055
18	2	5910-00-189-4248	81349	CS13AC330M
18	3	5910-00-495-0042	81349	M39003-01-3076
18	4	5935-01-270-6132	80063	SM-A-873545
18	5	5905-01-176-3873	81349	RLR05C1002GS
18	6		81349	RJR26FP502P
18	7		81349	RLR07C6800GR
18	8		81349	RNR50H1001BP
18	9	5905-00-617-5091	81349	RCR05G472JS
18	10		81349	RNR50H9530BP
18	11		81349	RNR50H4420BP
18	12	5905-00-480-0013	81349	RCR05G241JS
18	13	5935-01-012-1848	81349	M39024/12-12
18	14	5999-01-270-1890	57957	C5118465
18	15	5962-01-086-7634	81349	M38510/32403BRB
18	16	5962-01-102-3114	81349	M38510-32503BRB
18	17		81349	M38510/32502BRX
18	18		57957	C5116850
18	19		81349	M38510/11906BCX
18	20		81349	M38510/30701BEX
18	21	5962-01-027-6863	81349	M38510-30003BCB

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
18	22		57957	C5118521
18	23	5962-01-305-8477	57957	C5118482
18	24		57957	C5118537
18	25		57957	C5118305
18	26		57957	C5118227
18	27		57957	C5118233
18	28		57957	C5116777
18	29	5961-01-193-8518	81349	JANTXV1N829-1
18	30		80063	SM-C-873583
18	31			57957
	C5116861			
18	32	5320-00-721-5277	96906	MS20426A2-5
18	33	5320-00-242-0369	96906	MS20470A2-6
18	34	5998-01-271-4211	80063	SM-A-873546-1
18	35		57957	C5116792
18	36		57957	C5116789
18	37	5935-01-046-9419	81349	M28754/24-01
19	1		81349	M39014/05-2055
19	2		81349	M39014/05-2819
19	3	5910-00-189-4248	81349	CS13AC330M
19	4	5910-00-495-0042	81349	M39003-01-3076
19	5	5961-01-193-8518	81349	JANTXV1N829-1
19	6	5935-01-270-6132	80063	SM-A-873545
19	7		81349	RJR26FP502P
19	8	5905-01-176-3873	81349	RLR05C1002GS
19	9		81349	RLR07C6800GR
19	10		81349	RNR50E1001BP
19	11	5905-00-480-0013	81349	RCR05G241JS
19	12		81349	RNR50E9530BP
19	13	5905-01-033-0393	81349	RNC50H1000BS
19	14	5905-00-470-9480	81349	RCR05G132JS
19	15	5935-01-012-1848	81349	M39024/12-12
19	16	5999-01-270-1890	57957	C5118465
19	17		81349	M8340108H5100JC
19	18	5962-01-098-6582	81349	M38510-06201BEB
19	19	5962-01-078-7027	81349	M38510-06006BEB
19	20		57957	C5118521
19	21		81349	M38510/11906BCX
19	22		57957	C5118533
19	23		81349	M8340108H1200JG
19	24	5962-01-103-5080	81349	M38510-06302BEB
19	25		81349	M8340108H2200JG
19	26		81349	M38510/30501BCX
19	27		81349	M8340108H4701JC
19	28	5962-01-085-0603	81349	M38510-31602BEB
19	29	5962-01-305-8477	57957	C5118482
19	30	5962-01-101-2392	81349	M38510-06301BEB
19	31	5962-01-026-2493	81349	M38510-30007BCB
19	32		57957	C5118548
19	33		81349	M38510/30106BEX
19	34	5962-01-027-6863	81349	M38510-30003BCB
19	35	5962-01-042-8074	81349	M38510-07901BEB

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
19	36	5962-01-065-7026	81349	M38510-31504BEB
19	37		81349	M38510/32502BRX
19	38	5962-01-058-9435	81349	M38510-07105BEB
19	39	5962-01-026-8818	81349	M38510/07101BCX
19	40		57957	C5118537
19	41		57957	C5117957
19	42	5962-01-030-2118	81349	M38510-07301BCB
19	43	5962-01-066-8393	81349	JM38510/08003BC
19	44		81349	M38510/30102BCX
19	45	5962-01-026-6055	81349	M38510-30009BCB
19	46		81349	M38510/01201BCX
19	47	5962-01-069-0419	81349	M38510/32301BCB
19	48		57957	C5118346
19	49		57957	C5117712
19	50		80063	SM-C-873583
19	51		57957	C5116869
19	52	5320-00-243-8375	96906	MS20470A2-5
19	53	5320-00-242-0369	96906	MS20470A2-6
19	54	5320-00-721-5277	96906	MS20426A2-5
19	55	5998-01-271-4211	80063	SM-A-873546-1
19	56		57957	C5116797
19	57		57957	C5116794
19	58	5935-01-046-9419	81349	M28754/24-01
20	1		57957	C5116867
20	2	5340-00-815-4930	96906	MS21209C0615
20	3		57957	C5116863
20	4	5340-00-215-0248	96906	MS21209C0215
20	5	5305-00-054-5637	96906'	MS51957-3
20	6	5310-00-928-2690	96906	MS35338-134
20	7	5310-00-162-9918	80205	NAS620C2L
20	8		80205	NAS1830A3B04
20	9		81349	M24308/23-1
20	10		80205	NAS1831A3A05
20	11	5935-01-052-9436	81349	M24308/26-1
20	12		57957	CS116864
20	13	5310-00-771-7360	96906	MS21076L04
20	14		96906	MS24026B3-6
20	15		80205	NAS620C4L
20	16	5305-00-054-5650	96906	MS51957-16
20	17		96906	MS27466T13B35P
20	18	5935-00-351-5944	96906	MS27488-22
21	1		57957	C5116818
21	2	5961-00-496-7906	81349	JANTX1N4454
21	3		81349	M39014/05-2819
21	4		81349	M39003/01-2524
21	5		81349	M39014/05-2855
21	6		81349	M39010/10-A181KR
21	7		81349	RNR50J1212FP
21	8		81349	RNR50J4751FP
21	9		81349	RNR50J2742FP
21	10		81349	RNR50J7152FP

## CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
21	11		81349	RNR55J2371FP
21	12	5905-00-419-2845	81349	RNC55J1000FS
21	13		81349	M38510/11201BCX
21	14		57957	C5116819
22	1		57957	C5116896
22	2		80205	NA5620C4L
22	3	5305-00-054-5649	96906	MS51957-15
22	4	5305-00-054-5651	96906	MS51957-17
22	5	5325-00-185-0004	96906	MS35489-40
22	6		57957	C5116931
22	7	5310-00-820-7014	80205	NA5679C04M
22	8	5310-00-933-8118	96906	MS35338-135
22	9	5320-00-119-6818	96906	MS20470B2-5
22	10		57957	C5116832
22	11	5340-00-063-5983	81349	M24066/2-317
22	12	5310-00-550-3715	96906	MS35333-70
22	13		80063	SM-A-873632
22	14	5910-00-412-9235	81349	M39003-01-2261
22	15		80063	SM-A-874546-1
22	16	5305-00-054-5647	96906	MS51957-13
22	17		57957	C5116798
22	18		81349	MS5302/58-D24F
22	19		81349	MS5302/58-D56F
22	20	940-00-682-2477	96906	MS77068-1
22	21		81349	MS5302/58-D10F
22	22		81349	MS5302/58-D14F
22	23		57957	C5116799
22	24		80063	SM-A-874536-5
22	25	5935-01-113-0771	81349	M28754/39-002
22	26	5999-01-124-2510	81349	M28754/37-108
22	27		80063	SM-A-874536-7
22	28	5970-01-043-6344	80063	SM-A-874536-6
22	29		80063	SM-A-874536-9
23	1	5935-00-410-9251	81349	M24308/3-1
23	2		81349	M24308/25-1
23	3	5935-01-064-4724	81349	MS5302/63-A10S
23	4		81349	MS5302/63-A565
23	5	5940-00-177-7973	96906	MS77067-1
23	6		80205	NAS620C4L
23	7	5935-00-351-5944	96906	MS27488-22
23	8	5935-01-013-4473	96906	MS27656T17B355
23	9	5935-01-089-5143	81349	MS5302/63-A145
23	10	5935-01-025-2202	96906	MS27656T19B32P
23	11	5935-00-496-7171	96906	MS27488-20
23	12	5935-01-028-9472	96906	MS27656TIIB35S
23	13	5940-00-682-2477	96906	MS77068-1
23	14	5935-00-493-0466	81349	M24308/3-5
23	15	5935-01-044-9635	96906	MS27656T23B355
23	16	5935-01-044-5653	96906	MS27656T11B355A
23	17	5935-01-046-0225	96906	MS27656T13B355
23	18	5935-01-082-7488	81349	M55302/63-A24S

CROSS REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER INDEX STOCK NUMBER	CAGEC	PART NUMBER
23	19	5935-00-166-6281	81349	M39012/55-3007
23	20		80063	SM-C-871986-3
23	21		80063	SM-C-871986-7
23	22	5935-00-946-4323	30063	SM-A-874549-1
23	23	5935-01-188-1705	96906	MS27656TIIB5P
23	24	5935-00-465-4378	81349	M24308/1-1
23	25		80063	SM-A-874722-2

By Order of the Secretary of the Army:

CARL E. VUONO  
*General, United States Army*  
*Chief of Staff*

Official:

PATRICIA P. HICKERSON  
*Colonel, United States Army*  
*The Adjutant General*

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# THE METRIC SYSTEM AND EQUIVALENTS

## WEIGHT MEASURE

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

## WEIGHTS

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

## LIQUID MEASURE

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

## SQUARE MEASURE

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

## CUBIC MEASURE

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

## TEMPERATURE

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

## APPROXIMATE CONVERSION FACTORS

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

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



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