

TECHNICAL MANUAL
ORGANIZATION, DIRECT SUPPORT,
AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOLLS LIST
(INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
FOR
BATTERY CHARGER PP-6241/U
(NSN 6130-000-106-6445)

HEADQUARTERS, DEPARTMENT OF THE ARMY

27 SEPTEMBER 1982



**ORGANIZATIONAL, DIRECT SUPPORT,
 AND GENERAL SUPPORT MAINTENANCE
 REPAIR PARTS AND SPECIAL TOOLS LISTS
 (INCLUDING DEPOT MAINTENANCE REPAIR PARTS
 AND SPECIAL TOOLS)
 FOR
 BATTERY CHARGER PP-6241/U
 (NSN 6130-00-106-6445)
 Current as of 30 April 1982**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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

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*This manual supersedes so much of TM-6130-351-14, 16 May 1974, as pertains to repair parts and special tools list.

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the PP-6241/U. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

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

a. Section II. Repair Parts List. A list of spares and repair parts authorized 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 numeric sequence, with the parts in each group listed in figure and item number sequence.

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

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration This column is divided as follows:

- (1) Figure number. Indicates the figure number of the illustration on which the item is shown.
- (2) Item number. The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

- (1) *Source code.* Source codes indicated the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

<i>Code</i>	<i>Definition</i>
PA-	Item procured and stocked for anticipated or known usage.

<i>Code</i>	<i>Definition</i>
PD-	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
XA-	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB-	Item is not procured or stocked. If not available through salvage, requisition.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

<i>Code</i>	<i>Application/Explanation</i>
O-	Support item is removed, replaced, used at the organizational level.
F-	Support item is removed, replaced, used at the direct support level.
D-	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

<i>Code</i>	<i>Application/Explanation</i>
F-	The lowest maintenance level capable of complete repair of the support item is the direct support level.
D-	The lowest maintenance level capable of complete repair of the support item is the depot level.
Z-	Nonreparable. No repair is authorized.

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

<i>Recoverability Codes</i>		<i>Definition</i>
Z-	Nonreparable item.	When unserviceable, condemn and dispose at the level indicated in position 3.
F-	Reparable item.	When uneconomically reparable, condemn and dispose at the direct support level.
D-	Reparable item.	When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L-	Reparable item.	Repair, condemnation, and disposal not authorized below depot/ specialized repair activity level.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Federal Supply Code for Manufacturer (FSCM) The FSCM is a 5-digit numeric code listed in SB708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

e. Part Number. 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 a stock number item is requisitioned, the repair part received may have a different part number than the part being replaced.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the

lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. 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.

4. Special Information

a. The following publications pertain to the PP-6241/U and its components:

TM 11-6130-351-14, Battery Charger, PP-6241/U.

TM 11-6130-352-14-1, Battery Charger, PP-6259A/U.

b. 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, ATTN: DR-SEL-MM, Fort Monmouth, NJ 07703 for the past required to support your equipment.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number on the illustration.

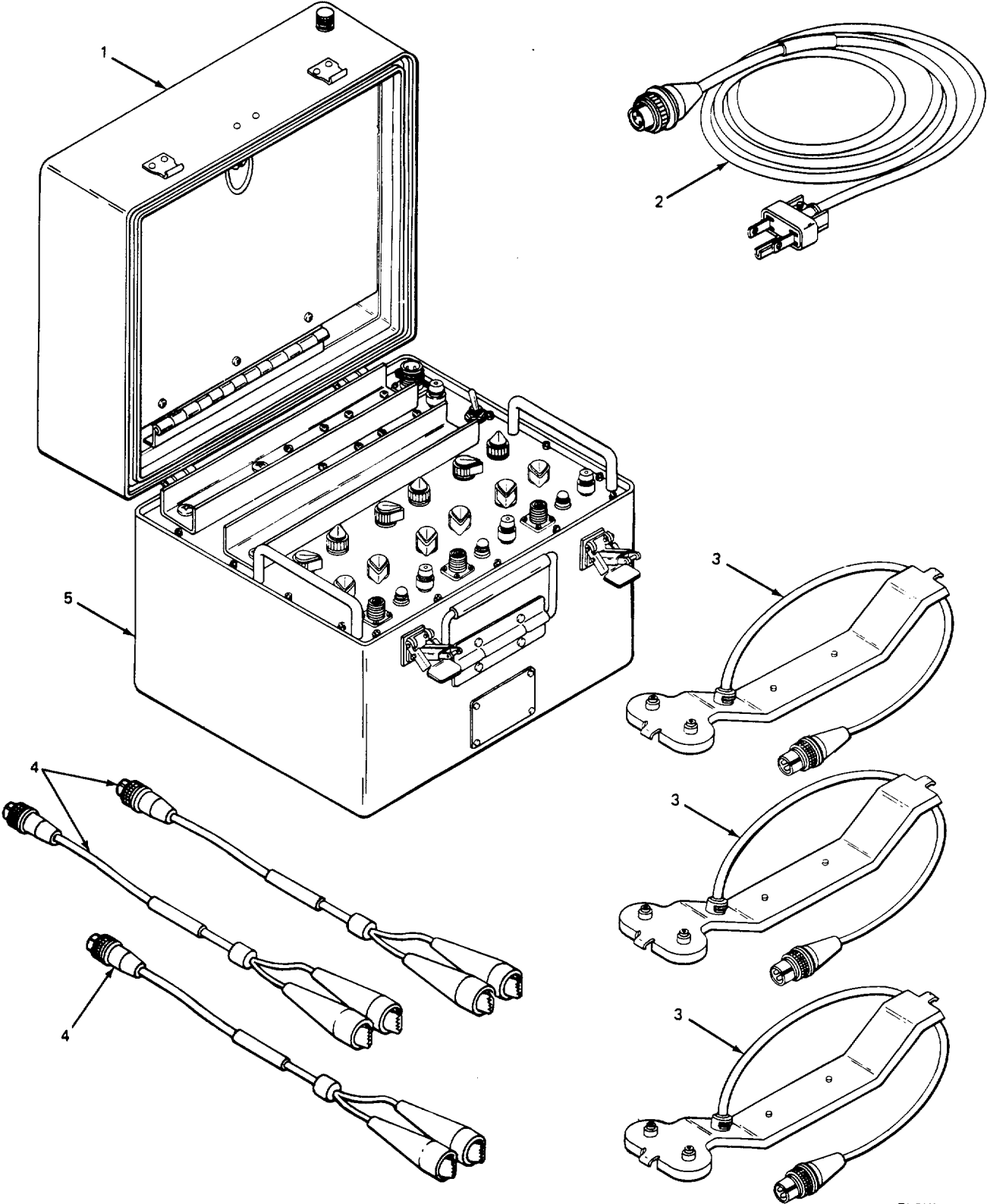
b. When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-reference to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts lists.

6. Abbreviations

Not applicable.



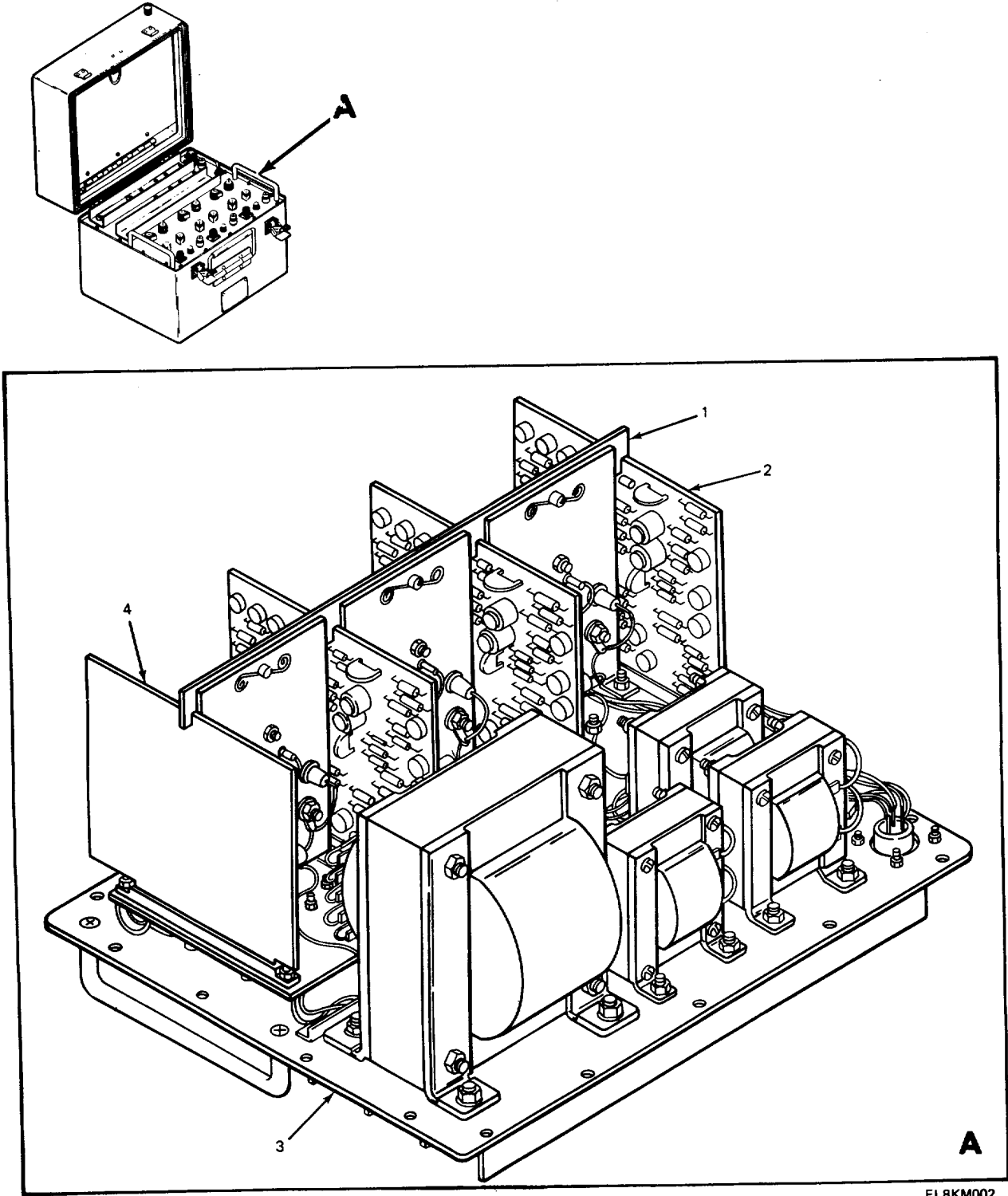
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Figure 1. Battery Charger PP-6241/U

SECTION II

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 00 BATTERY CHARGER PP-624V/U		
1	1	XDFDD		13913	170-004-000-4	CHARGER ASSY	EA	1
1	2	PAFFF	6150-00-144-3070	80058	CX-1197/U(8FT)	CABLE ASSEMBLY, POWE	EA	1
1	3	PAFFF		80058	CX-11964/U(1FT9 .5 IN)	CABLE ASSEMBLY, POWE	EA	3
1	4	PAFFF	6150-00-228-3089	80058	CX-11972/U(1FT6 IN)	CABLE ASSEMBLY, POWE	EA	3
1	5	XDDDL		13913	156-028-000-4	CASE SUBASSY	EA	1



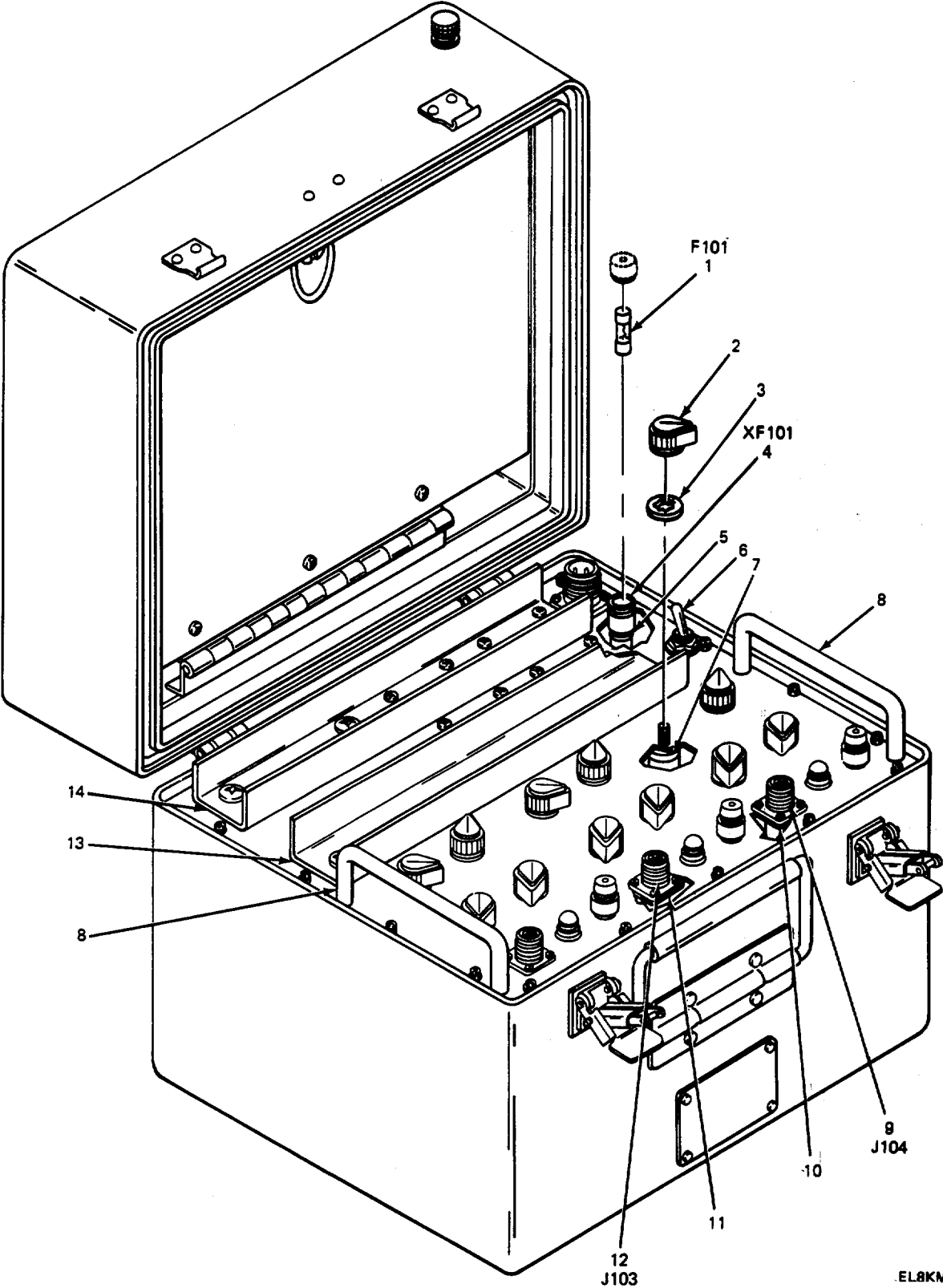
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Figure 2. Battery Charger Assembly

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 01 BATTERY CHARGER ASSEMBLY		
2	1	XDFFF		13913	733-0006-000-3	RETAINER ASSY	EA	1
2	2	PAFFF	6130-00-247-1058	13913	064-066-000-4	CIRCUIT CARD ASSEMB	EA	3
2	3	XDFDD		13913	596-095-000-4	PANEL.....	EA	1
2	4	PAFFF	6130-00-247-1057	13913	064-067-000-4	CIRCUIT CARD ASSEMB	EA	1



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Figure 3. Panel Assembly (Sheet 1 of 4)

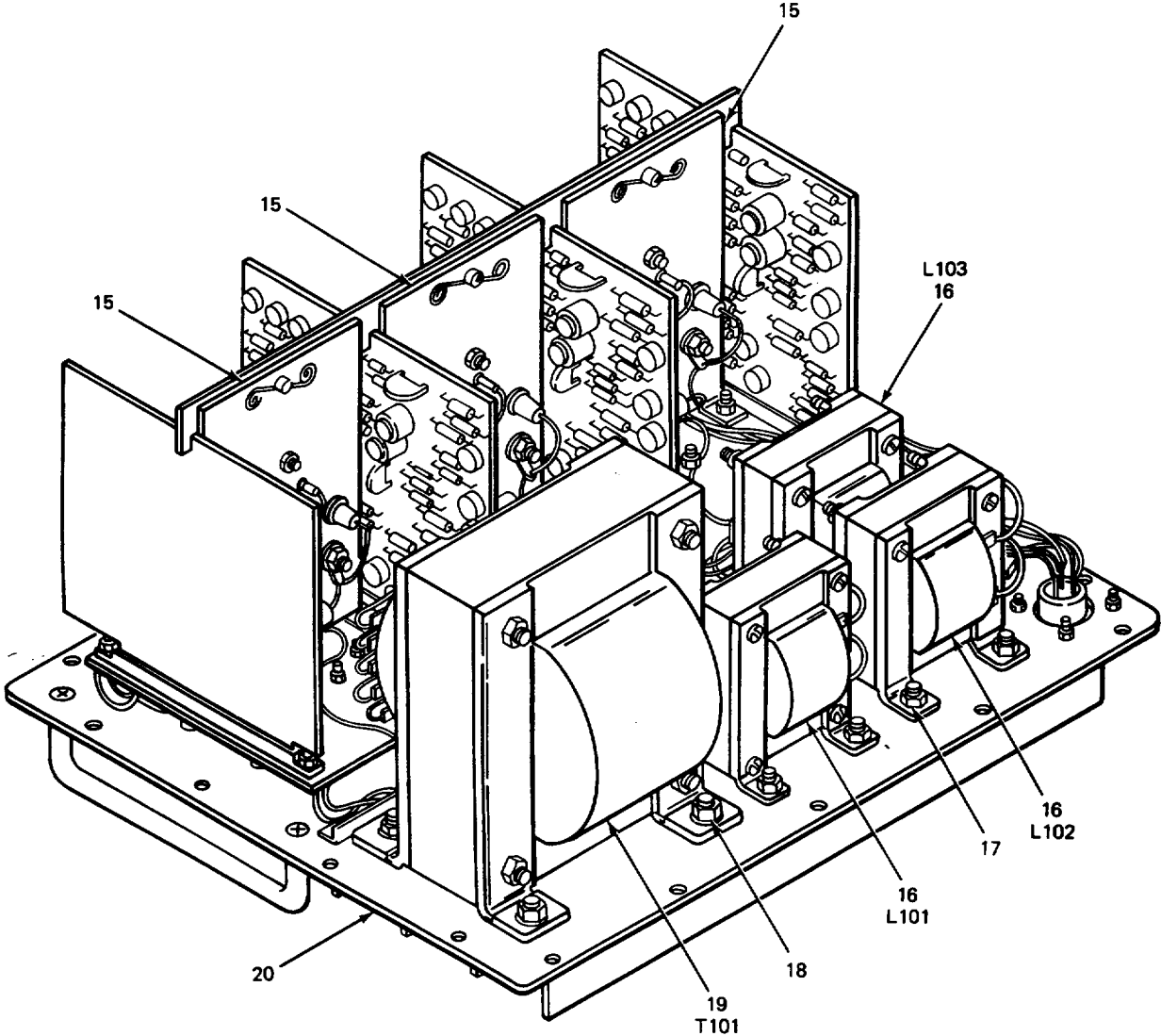


Figure 3. Panel Assembly (Sheet 2 of 4)

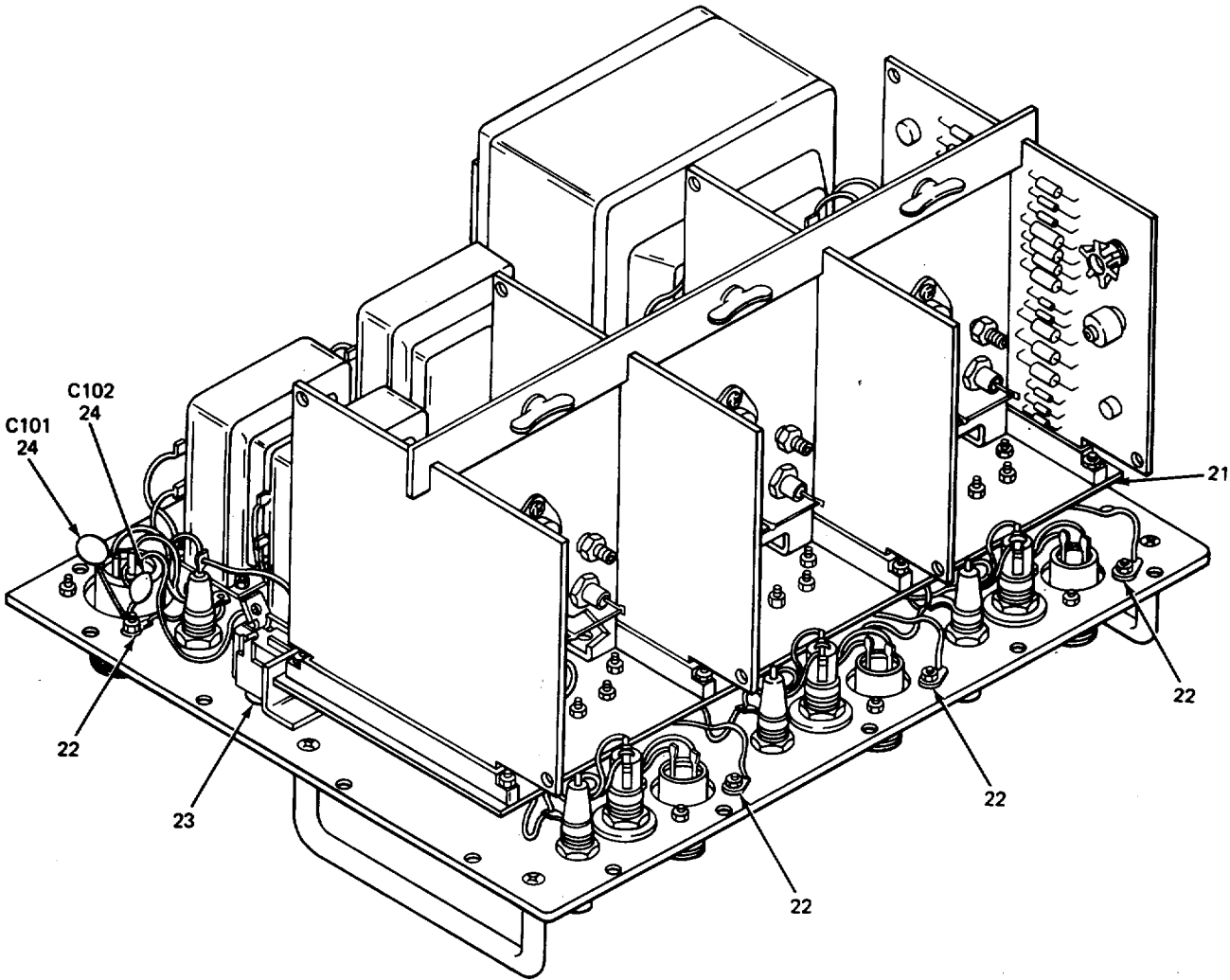
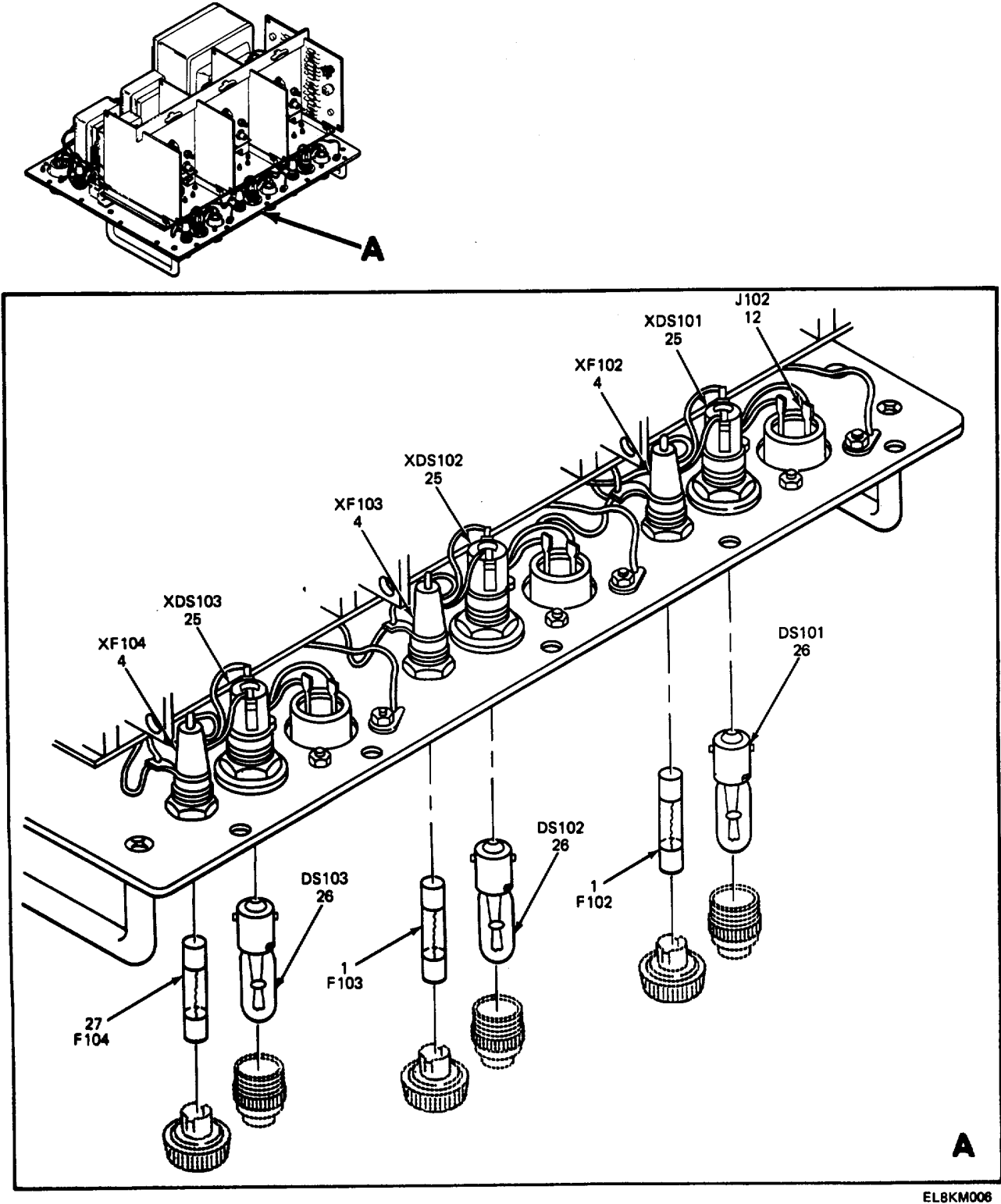


Figure 3. Panel Assembly (Sheet 3 of 4)



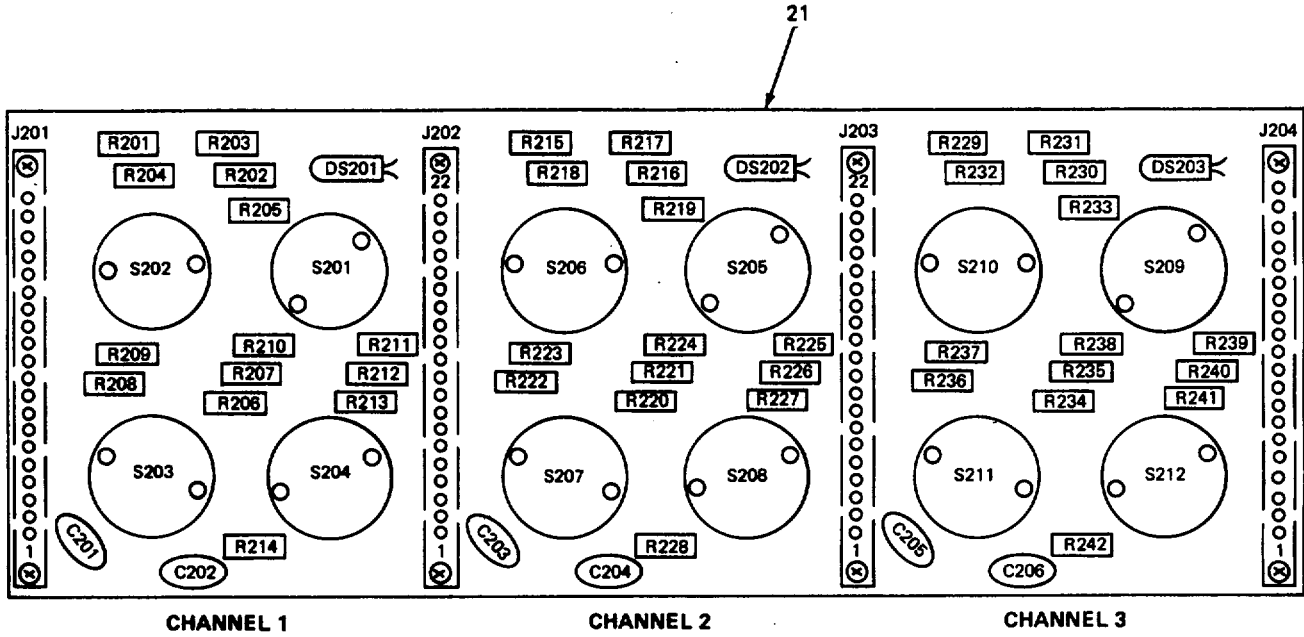
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Figure 3. Panel Assembly (Sheet 4 of 4)

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0101 PANEL ASSEMBLY		
3	1	PAOZZ	5920-00-557-2647	81349	F02A250V4A	FUSE, CARTIDGE	EA	3
3	2	PAOZZ	5355-00-616-9604	96906	MS91528-1P2B	KNOB	EA	12
3	3	XDFZZ		13913	844-067-000-2	SPACER.....	EA	12
3	4	PAFZZ	5920-00-892-9311	81349	FHN26G1	FUSEHOLDER, EXTRACTOR.....	EA	4
3	5	PAFZZ		96906	MS9241-010	PACKING, PREFORMED.....	EA	4
3	6	PAFZZ	5930-00-655-1514	96906	MS35058-22	SWITCH, TOGGLE	EA	1
3	7	PAFZZ		02697	5-669	PACKNG PREFORMED	EA	12
3	8	XDFZZ		13913	662-001-000-2	PROTECTOR	EA	2
3	9	PAFZZ	5935-00-636-5918	96906	MS3102E16S5P	CONNECTOR, RECEPTACL	EA	1
3	10	PAFZZ	5330-00-396-0068	77820	10-40450-16	GASKET	EA	3
3	11	PAFZZ	5330-00-593-6442	77820	10-40450-12	GASKET	EA	3
3	12	PAFZZ	5935-00-725-1345	96906	MS3102R12S3S	CONNECTOR, RECEPTACL.....	EA	3
3	13	XDFZZ		13913	391-012-000-3	HEAT SINK	EA	1
3	14	XDFZZ		13913	391-011-000-3	HEAT SINK	EA	1
3	15	PAFFF		13913	391-013-000-3	BRACKET ASSY	EA	3
3	16	PAFZZ	5950-00-221-0653	13913	680-001-000-3	REACTOR	EA	3
3	17	PAFZZ	5305-00-182-5239	13913	788-20-03-001	SCREW	EA	12
3	18	PAFZZ	5305-00-182-5237	13913	790-20-03-001	SCREW, MACHINE.....	EA	4
3	19	PAFZZ	5950-00-221-0646	13913	927-009-000-4	TRANSFORMER, POWER.....	EA	1
3	20	PAFDL	6130-00-247-1059	13913	064-068-000-5	CIRCUIT CARD ASSEMB	EA	1
3	21	XDFZZ		13913	064-124-000-4	BOARD ASSY	EA	1
3	22	PAFZZ	5940-00-155-7688	06840	A11267-4	TERMINAL, LUG	EA	4
3	23	XDFZZ		08863	N6232-3	SPACER.....	EA	1
3	24	PAFZZ	5910-00-823-1068	81349	CK62AW472M	CAPACITOR, FIXED, CER.....	EA	2
3	25	PAFZZ	6210-00-781-7140	81349	LH75LC14CD	LIGHT, INDICATOR.....	EA	3
3	26	PAOZZ	6240-00-155-8706	96906	MS15571-2	LAMP, INCANDESCENT.....	EA	3
3	27	PAOZZ	5920-00-284-6787	81349	F02A250V5A	FUSE, CARTRIDGE	EA	1



REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.
C201	1	R205	9	R222	11	R239	13
C202	1	R206	10	R223	9	R240	14
C203	1	R207	8	R224	12	R241	15
C204	1	R208	11	R225	13	R242	16
C205	1	R209	9	R226	14	S201	17
C206	1	R210	12	R227	15	S202	18
DS201	2	R211	13	R228	16	S203	19
DS202	2	R212	14	R229	5	S204	20
DS203	2	R213	15	R230	6	S205	17
J201	3	R214	16	R231	7	S206	18
J202	4	R215	5	R232	8	S207	19
J203	4	R216	6	R233	9	S208	20
J204	4	R217	7	R234	10	S209	17
R201	5	R218	8	R235	8	S210	18
R202	6	R219	9	R236	11	S211	19
R203	7	R220	10	R237	9	S212	20
R204	8	R221	8	R238	12		

Figure 4. Master Board Circuit Card Assembly

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 010101 MASTER BOARD CIRCUIT CARD ASSEMBLY		
4	1	PADZZ	5910-00-823-1068	81349	CK62AW472M	CAPACITOR, FIXED, CER.....	EA	6
4	2	PADZZ	6240-00-983-2641	08806	5AH	LAMP, GLOW.....	EA	3
4	3	PADZZ	5935-00-134-5349	13913	210-034-000-2	CONNECTOR.RECEPTACL.....	EA	1
4	4	PANZZ	5935-00-134-5348	13913	210-035-000-2	CONNECTOR RECEPTACL.....	EA	3
4	5	PADZZ	5905-00-264-4039	81349	RNC60H4002BS	RESISTOR, FIXED, FILM.....	EA	3
4	6	PADZZ	5905-00-273-9765	81349	RNC60H8002BS	RESISTOR, FIXED, FILM.....	EA	3
4	7	PADZZ	5905-00-454-4325	81349	RNC60H1603RS	RESISTOR, FIXED, FILM.....	EA	3
4	8	XDDZZ	5905-00-983-6914	81349	RN60D1002F	RESISTOR, FIXED, FILM.....	EA	6
4	9	PADZZ	5905-00-984-7681	81349R	RN60D2002F	RESISTOR, FIXED, FILM.....	EA	6
4	10	PADZZ	5905-00-451-7532	81349	RNC60K4991FS	RESISTOR, FIXED FILM.....	EA	3
4	11	PADZZ	5905-00988-2319	81349	RN60D1502F	RESISTOR, FIXED, FILM.....	EA	3
4	12	PADZZ	5905-00-682-7773	81349	RN60D4990F	RESISTOR, FIXED, FILM.....	EA	3
4	13	PAOZZ	5905-00-432-6410	81349	RNC60K1001FS	RESISTOR, FIXED, FILM.....	EA	3
4	14	PADZZ	5905-00-758-4840	81349	RNC60K1501FS	RESISTOR, FIXED, FILM.....	EA	3
4	15	XDOZZ	5905-00-988-2280	81349	RN60D2001F	RESISTOR, FIXED, FILM.....	EA	3
4	16	PADZZ	5905-00-356-7953	81349	RNC60H1003DS	RESISTOR, FIXED FILM.....	EA	3
4	17	PADZZ	5930-00-420-6157	13913	878-059-000-1	SWITCH, ROTARY.....	EA	3
4	18	PADZZ	5930-00-420-6160	1391	878-060-000-1	SWITCH, ROTARY.....	EA	3
4	19	PADZZ		13913	87B-072-000-1	SWITCH, ROTARY.....	EA	3
4	20	PADZZ	5930-00-420-6159	13913	878-073-000-1	SWITCH.ROTARY.....	EA	3
4	21	PADZZ	5999-01-110-6969	13913	064-092-000-7	PRINTED WIRING BO.....	EA	1

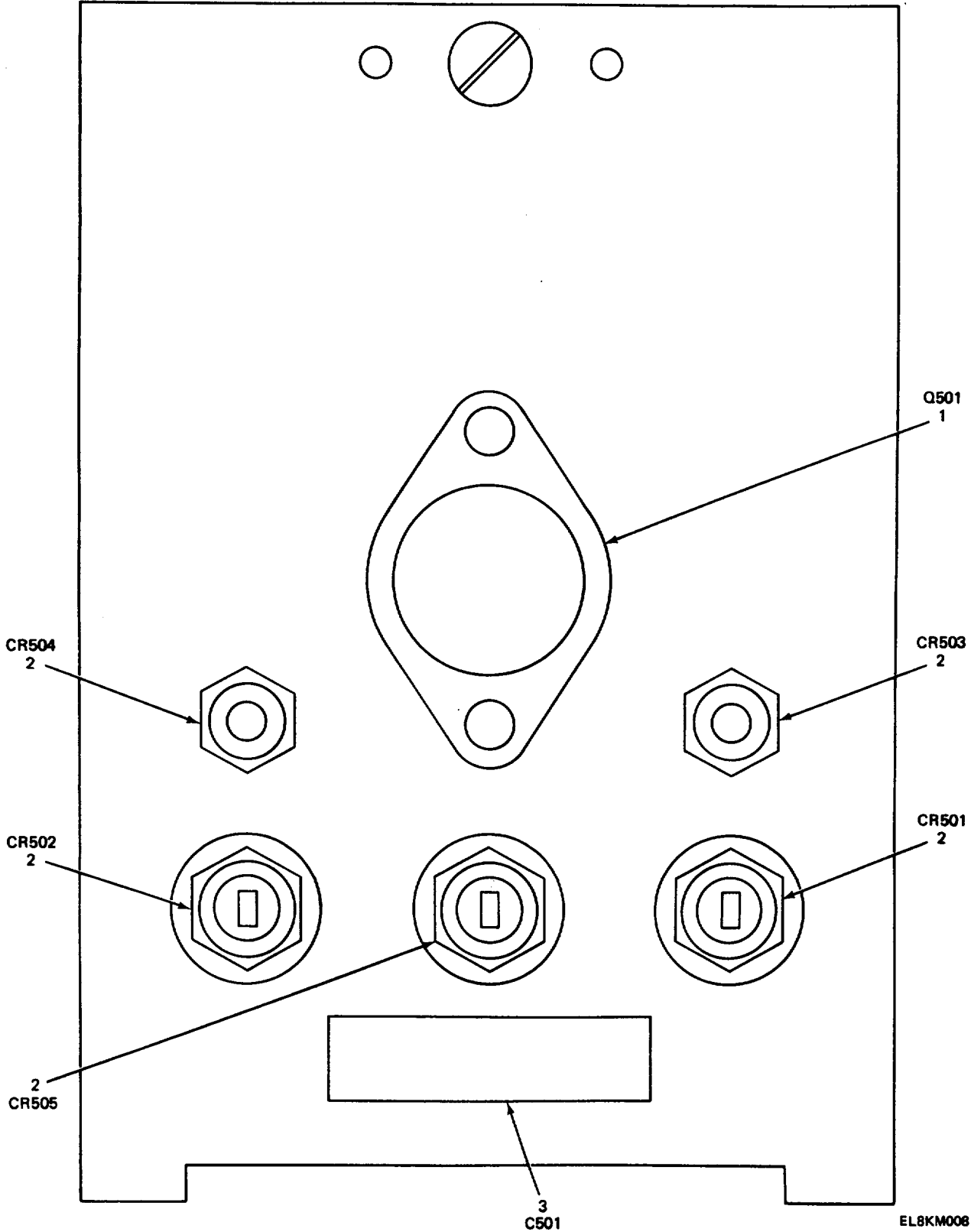
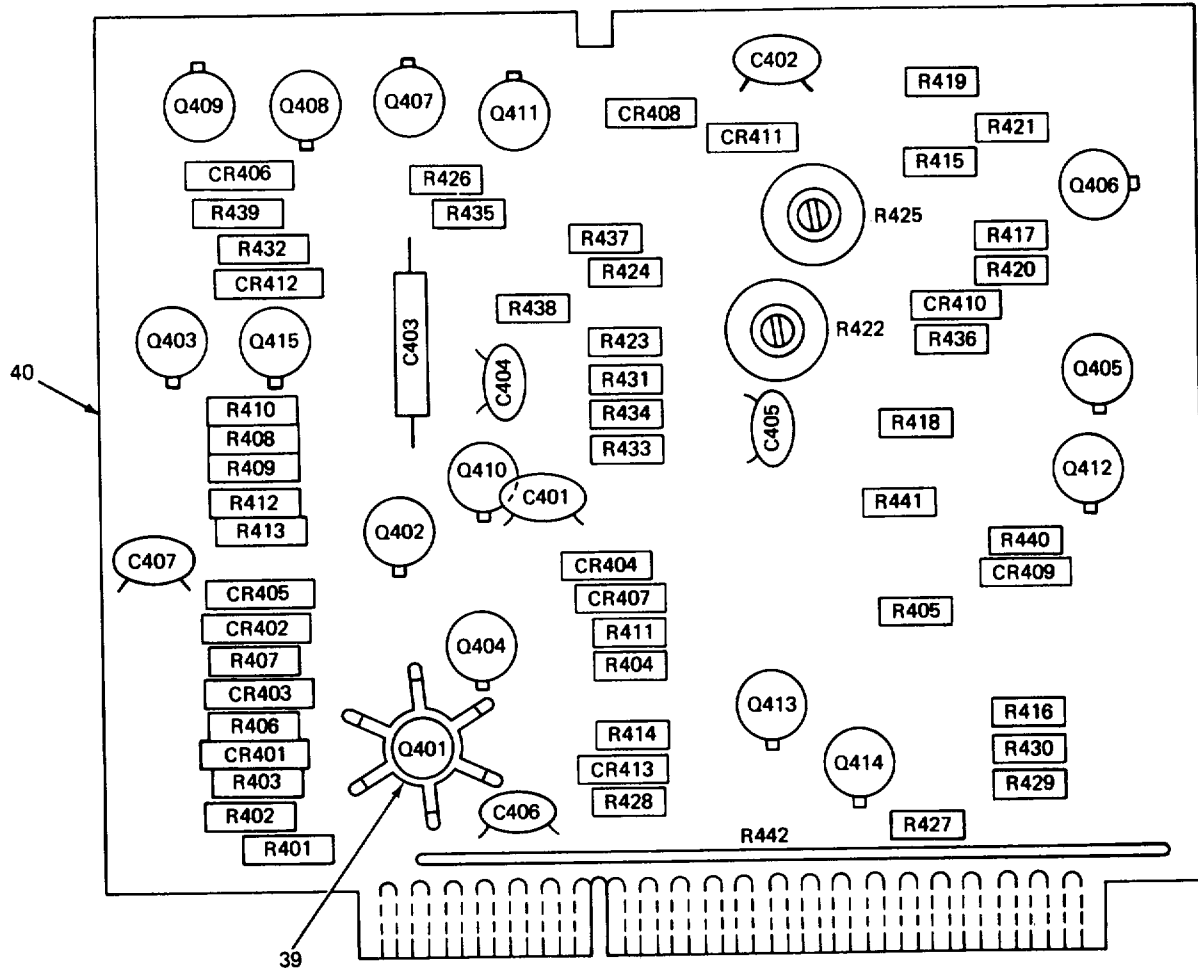


Figure 5. Heat Sink Bracket Assembly

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 010102 HEAT SINK BRACKET ASSEMBLY		
5	1	PAFZZ	5961-00-228-1628	49671	2N3055	TRANSISTOR.....	EA	1
5	2	PAFZZ	5961-00-935-0138	81349	JAN1N1202A	SEMICONDUCTOR DEVIC.....	EA	5
5	3	PAFZZ	5910-01-008-4722	81349	CQR09A1KC104 J3P	CAPACITOR, FIXED, PLA.....	EA	1



REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.
CR401	1	Q401	5	R405	12	R424	27
CR402	1	Q402	6	R406	13	R425	25
CR403	2	Q403	5	R407	9	R426	28
CR404	1	Q404	6	R408	14	R427	29
CR405	1	Q405	5	R409	15	R428	24
CR406	1	Q406	5	R410	16	R429	30
CR407	1	Q407	6	R411	17	R430	31
CR408	1	Q408	6	R412	14	R431	32
CR409	1	Q409	5	R413	14	R432	33
CR410	1	Q410	5	R414	18	R433	14
CR411	1	Q411	5	R415	19	R434	34
CR412	1	Q412	6	R416	20	R435	35
CR413	1	Q413	5	R417	21	R436	31
C401	3	Q414	7	R418	22	R437	36
C402	3	Q415	5	R419	23	R438	29
C403	4	R401	8	R420	20	R439	9
C404	3	R402	9	R421	24	R440	37
C405	3	R403	10	R422	25	R441	31
C406	3	R404	11	R423	26	R442	38

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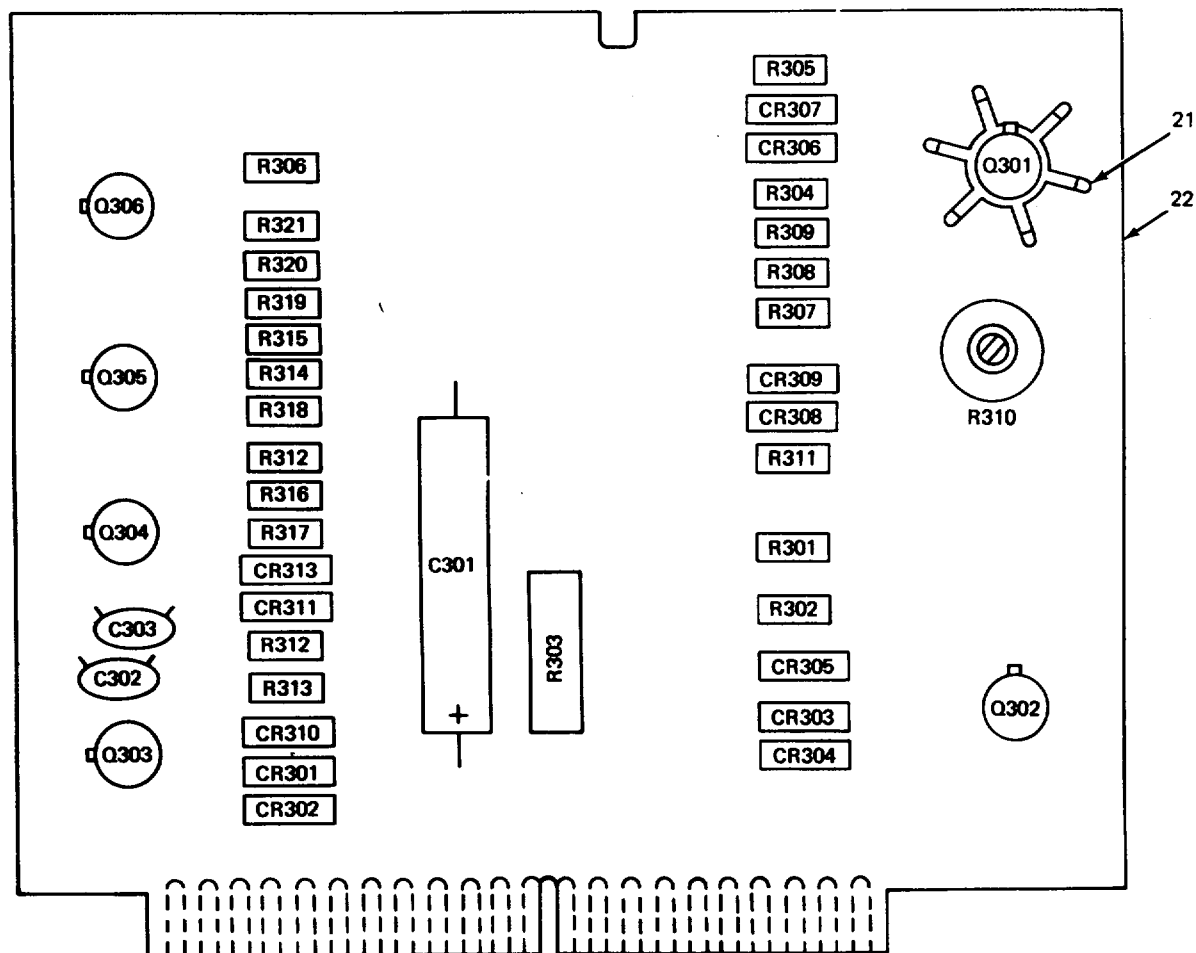
Figure 6. Control Board Circuit Card Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0102 CONTROL BOARD CIRCUIT CARD ASSEMBLY		
6	1	PADZZ	5961-01-058-4300	81349	JAN1N645M	SEMICONDUCTOR DEVIC	EA	12
6	2	PADZZ	5961-00-879-3091	81349	JAN1N755A	SEMICONDUCTOR DEVIC	EA	1
6	3	PADZZ	5910-00-823-1068	81349	CK62AW472M	CAPACITOR, FIXED, CER	EA	5
6	4	XDDZZ	5910-00-985-4716	81349	CL21CEIOOUP3	CAPACITOR, FIXED, ELE	EA	1
6	5	PADZZ	5961-00-949-1432	81349	JANZN2219A	TRANSISTOR	EA	9
6	6	PADZZ	5961-00-949-1440	81349	JAN2N2905A	TRANSISTOR	EA	5
6	7	PADZZ	5961-00-134-5431	54590	40349	TRANSISTOR	EA	1
6	8	PADZZ	5905-00-247-8732	81349	RCR32G471JS	RESISTOR, FIXED, COMP	EA	1
6	9	PADZZ	5905-00-141-0595	81349	RCR20G4TZJS	RESISTOR, FIXED, COMP	EA	3
6	10	PADZZ	5905-00-111-4734	81349	RCR20G470JS	RESISTOR, FIXED, COMP	EA	1
6	11	PAZZ	5905-00-106-9345	81349	RCR20G683JS	RESISTOR, FIXED, COMP	EA	1
6	12	PADZZ	5905-00-111-4733	81349	RCR20G624JS	RESISTOR, FIXED, COMP	EA	1
6	13	PADZZ	5905-00-254-7100	81349	RC20GF913J	RESISTOR, FIXED, COMP	EA	1
6	14	PADZZ	5905-00-104-8366	81349	RRC07G5R1JS	RESISTOR, FIXED, COMP	EA	4
6	15	PADZZ	5905-00-106-9351	81349	RRC0G23JS	RESISTOR, FIXED, COMP	EA	1
6	16	PADZZ	5905-00-988-2307	81349	RN60D1003F	RESISTOR, FIXED, FILM	EA	1
6	17	PADZZ	5905-00-983-6914	81349	RN60D1002F	RESISTOR, FIXED, FILM	EA	1
6	18	XDDZZ	5905-00-209-0292	81349	RNC65K9091FS	RESISTOR, FIXED, FILM	EA	1
6	19	PADZZ	5905-00-112-5219	81349	RNC65H2322BS	RESISTOR, FIXED, FILM	EA	1
6	20	PADZZ	5905-00-195-8486	81349	RNC65K2001FS	RESISTOR, FIXED, FILM	EA	2
6	21	PADZZ	5905-00-111-4840	81349	RRC20G514JS	RESISTOR, FIXED, COMP	EA	1
6	22	PADZZ	5905-00-114-5401	81349	RRC20G244JS	RESISTOR, FIXED, COMP	EA	1
6	23	PADZZ	5905-00-110-0993	81349	RRC20G123JS	RESISTOR, FIXED, COMP	EA	1
6	24	XDDZZ	5905-00-428-1639	81349	RNC65K2002FS	RESISTOR, FIXED, FILM	EA	2
6	25	PADZZ	5905-00-462-4742	13913	706-5001-2-01	RESISTOR, VARIABLE, N	EA	2
6	26	PADZZ	5905-00-346-8870	81349	RNC65KI503FS	RESISTOR, FIXED, FILM	EA	1
6	27	PADZZ	5905-00-733-1790	81349	RNC65K2371FS	RESISTOR, FIXED, FILM	EA	1
6	28	PADZZ	5905-00-935-8539	81349	RRC20G202JS	RESISTOR, FIXED, COMP	EA	1
6	29	PADZZ	5905-00-111-4753	81349	RRC20G243JS	RESISTOR, FIXED, COMP	EA	2
6	30	PADZZ	5905-00-080-2632	81349	RN65D2492F	RESISTOR, FIXED, FILM	EA	1
6	31	PADZZ	5905-00-114-0591	81349	RRC20G103JS	RESISTOR, FIXED, COMP	EA	3
6	32	PADZZ	5905-00-114-5393	81349	RC920G224JS	RESISTOR, FIXED, COMP	EA	1
6	33	PADZZ	5905-00-116-8557	81349	RRC20G114JS	RESISTOR, FIXED, COMP	EA	1
6	34	PADZZ	5905-00-106-1282	81349	RRC20G223JS	RESISTOR, FIXED, COMP	EA	1
6	35	PADZZ	5905-00-104-5756	81349	RRC20G105JS	RESISTOR, FIXED, COMP	EA	1
6	36	PADZZ	5905-00-110-0196	81349	RRC20G102JS	RESISTOR, FIXED, COMP	EA	1
6	37	PAOZZ	5905-00-114-5361	81349	RRC20G121JS	RESISTOR, FIXED, COMP	EA	1
6	38	PADZZ	6145-00-060-0331	72005	MANGANIN20A WG	RESISTANCE WIRE	EA	1

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
6	39	PADZZ	5999-00-247-1060	24229	HT111-2	HEAT SINK, ELECTRICA	EA	1
6	40	XADZZ		13913	064-070-000-7	PWR, CONTROL BOARD	EA	1



REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.	REF DES	ITEM NO.
CR301	1	CR312	1	R301	8	R312	8
CR302	1	CR313	1	R302	9	R313	8
CR303	1	C301	4	R303	10	R314	18
CR304	1	C302	5	R304	11	R315	19
CR305	1	C303	5	R305	12	R316	20
CR306	2	Q301	6	R306	13	R317	20
CR307	3	Q302	7	R307	14	R318	18
CR308	2	Q303	6	R308	15	R319	19
CR309	2	Q304	6	R309	12	R320	8
CR310	1	Q305	7	R310	16	R321	8
CR311	1	Q306	7	R311	17		

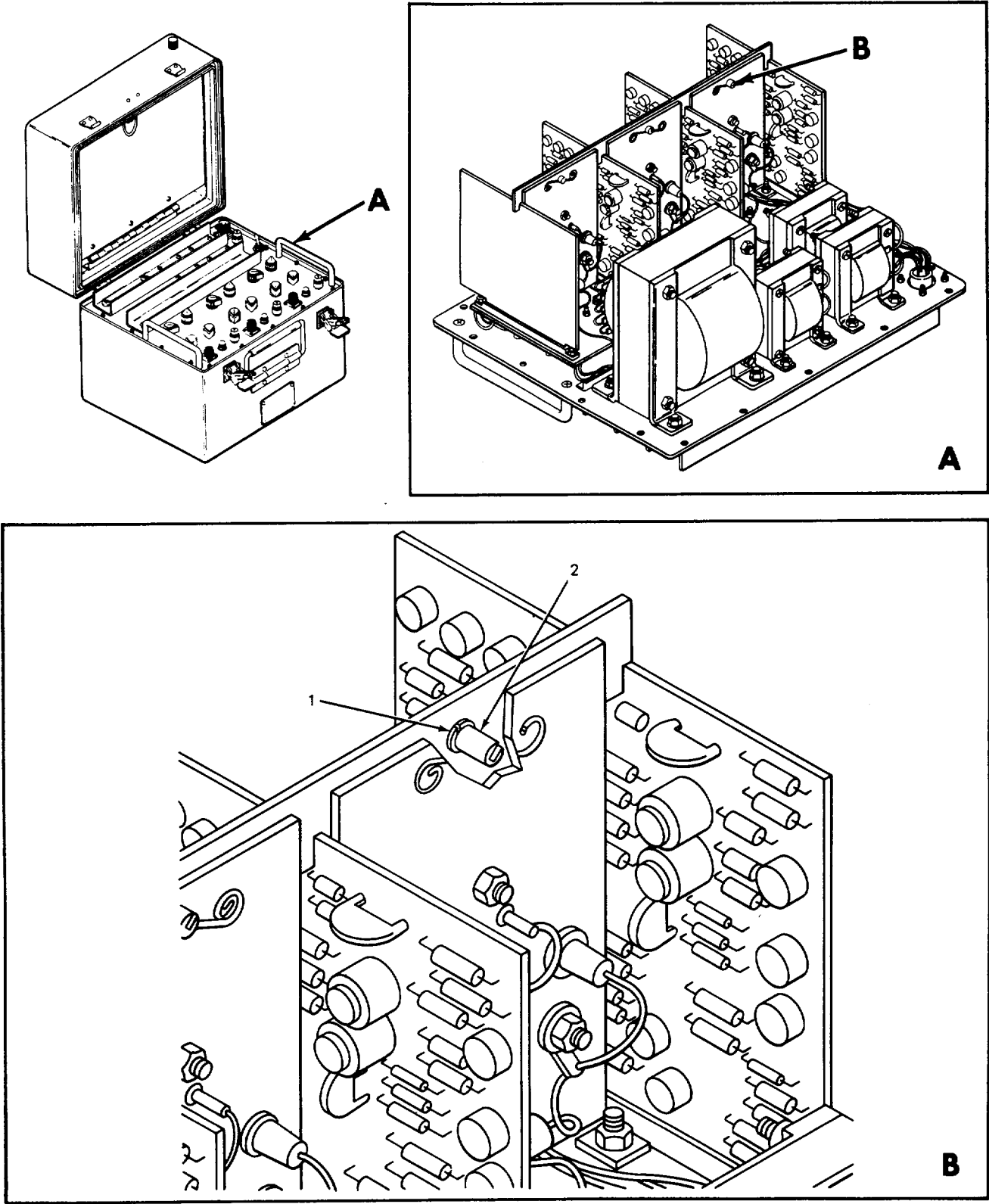
EL8KM010

Figure 7. Power Supply Board Circuit Card Assembly

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0103 POWER SUPPLY BOARD CIRCUIT CARD ASSEMBLY		
7	1	PADZZ	5961-00-087-6047	81349	JANIN645	SEMICONDUCTOR DEVIC	EA	9
7	2	PADZZ	5961-00-821-2309	81349	JANIN751A	SEMICONDUCTOR SPECI	EA	3
7	3	PADZZ	5961-00-894-0684	81349	JANIN758A	SEMICONDUCTOR DEVIC	EA	1
7	4	XDDZZ	5910-00-007-7183	81349	H39018101-0636	CAPACITOR, FIXED, ELE	EA	1
7	5	PADZZ	5910-00-823-1068	81349	CK62AW472M	CAPACITOR.FIXEODCER	EA	2
7	6	PADZZ	5961-00-949-1432	81349	JAN2N2219A	TRANSISTOR.....	EA	3
7	7	PADZZ	5961-00-949-1440	81349	JAN2N2905A	TRANSISTOR.....	EA	3
7	8	PADZZ	5905-00-141-0591	81349	RCR20G103JS	RESISTOR, FIXED, COMP	EA	51
7	9	PADZZ	5905-00-111-4754	81349	RCR20G3R0JS	RESISTOR, FIXED, COMP	EA	1
7	10	PADZZ	5905-00-279-1948	81349	RC42GF161J	RESISTOR, FIXED, COMP	EA	1
7	11	PADZZ	5905-00-141-1168	81349	RCR20G227JS	RESISTOR, FIXED, COMP	EA	1
7	12	PAOZZ	5905-00-111-4858	81349	RCR2OG471JS	RESISTOR, FIXED, COMP	EA	2
7	13	PADZZ	5905-00-141-0777	81349	RCR20G201JS	RESISTOR, FIXED, COMP	EA	1
7	14	PADZZ	5905-00-113-4856	81349	RCR2OG200JS	RESISTOR, FIXED, COMP	EA	1
7	15	PADZZ	5905-00-935-8540	81349	RCR20G300JS	RESISTOR, FIXED, COMP	EA	1
7	16	PADZZ	5905-01-110-6690	13913	706-1001-2-03	RESISTOR, VARIABLE	EA	1
7	17	PADZZ	5905-00-279-3513	81349	RC20GF2ZIJ	RESISTOR, FIXED, COMP	EA	1
7	18	PADZZ	5905-00-10-55T6	81349	RCR20GIOSJS	RESISTOR, FIXED, COMP	EA	2
7	19	PADZZ	5905-00-104-8366	81349	RCR07GSRIJS	RESISTOR, FIXED, COMP	EA	2
7	20	PADZZ	5905-00-264-4039	81349	RNC60H40028S	RESISTOR, FIXED, FILM.....	EA	2
7	21	PADZZ	5999-00-247-1060	24229	HT111-2	HEAT SINK, ELECTRICA	EA	1
7	22	XADZZ		13913	064-072-000-T	PWB PWR SUPPLY	EA	1



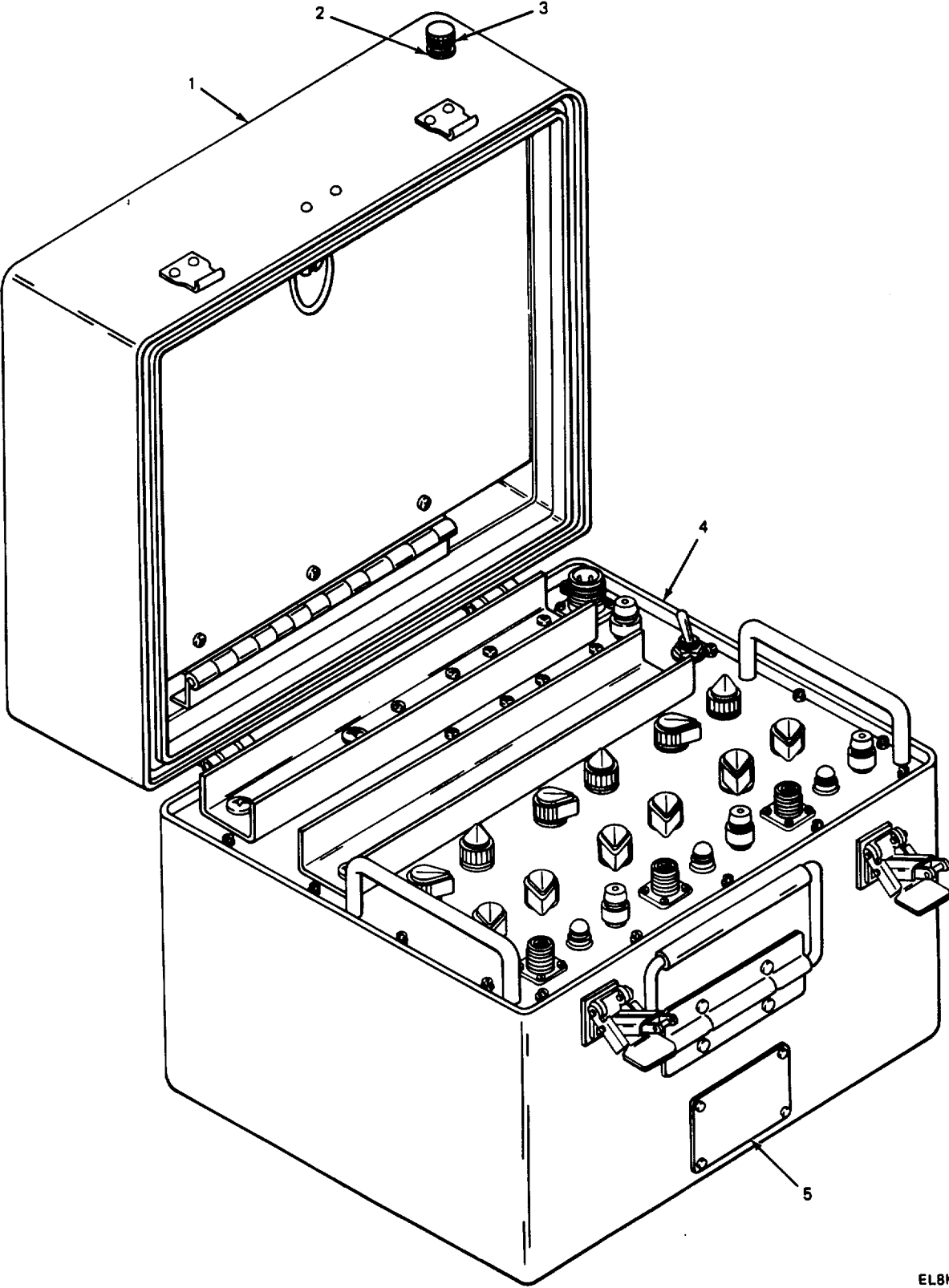
EL8KM011

Figure 8. Retainer Assembly

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
8	1	PAFZZ	5365-01-111-4160	72794	IDS1-4	GROUP 0104 RETAINER ASSEMBLY RING, RETAINING	EA	3
8	2	PAFZZ	5325-00-281-2167	72794	AJW4-35	STUD, TURNLOCK FASTE	EA	3



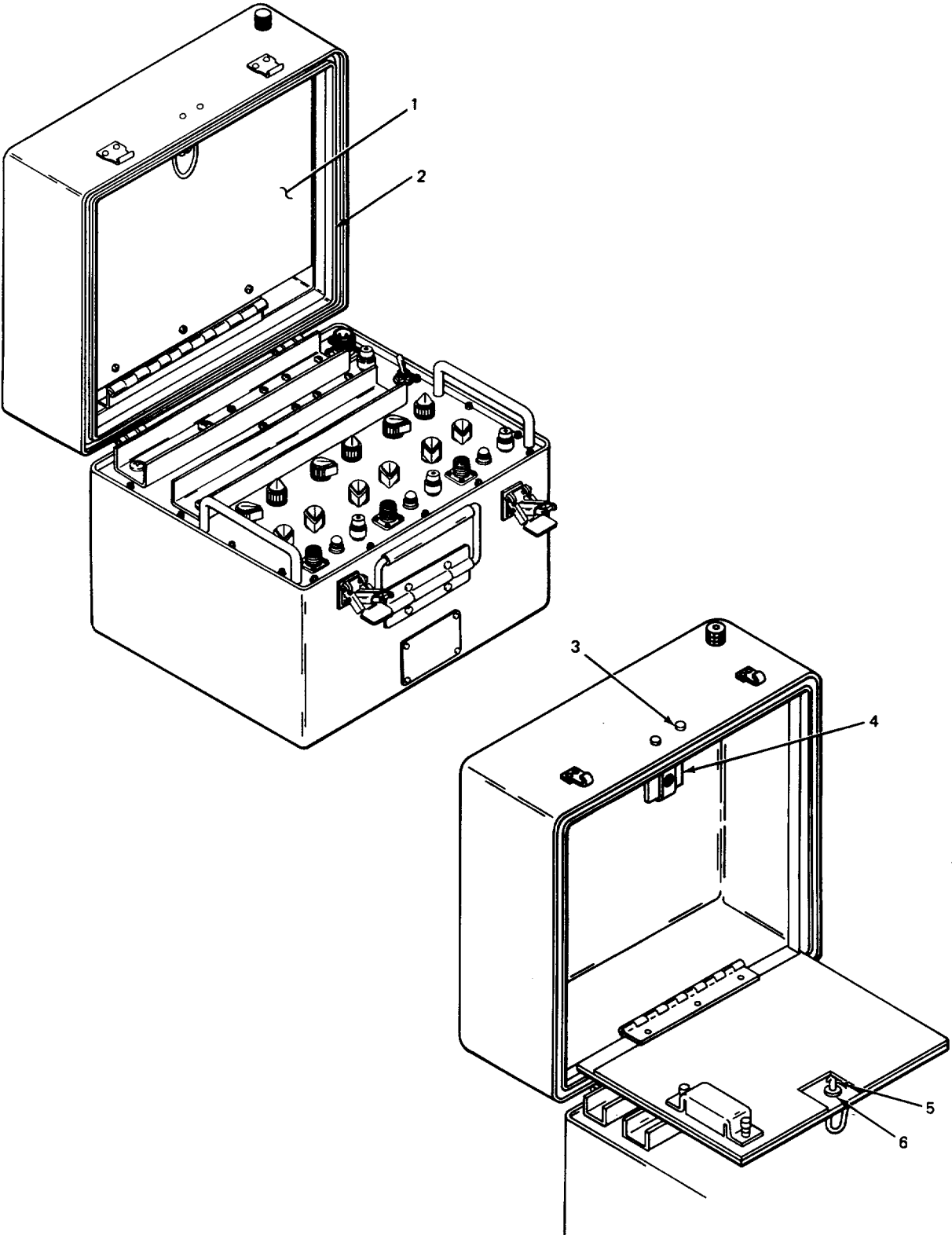
EL8KM012

Figure 9. Battery Charger Case Subassembly

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 02 BATTERY CHARGER CASE SUBASSEMBLY		
9	1	XDFZZ		13913	156-022-000-8-7	CASE TOP	EA	1
9	2	PAFZZ	5330-00-580-5939	96906	MS29561-009	PACKING PREFORMED	EA	1
9	3	PAFZZ	4820-00-223-4788	13913	949-101-000-2	VALVE, PRESSURE RELI.....	EA	1
9	4	XDFDD		13913	156-072-0008-3	CASE BOTTOM.....	EA	1
9	5	XDDZZ		13913	547-038-000-3	PLATE IDENTIFICATON.....	EA	1



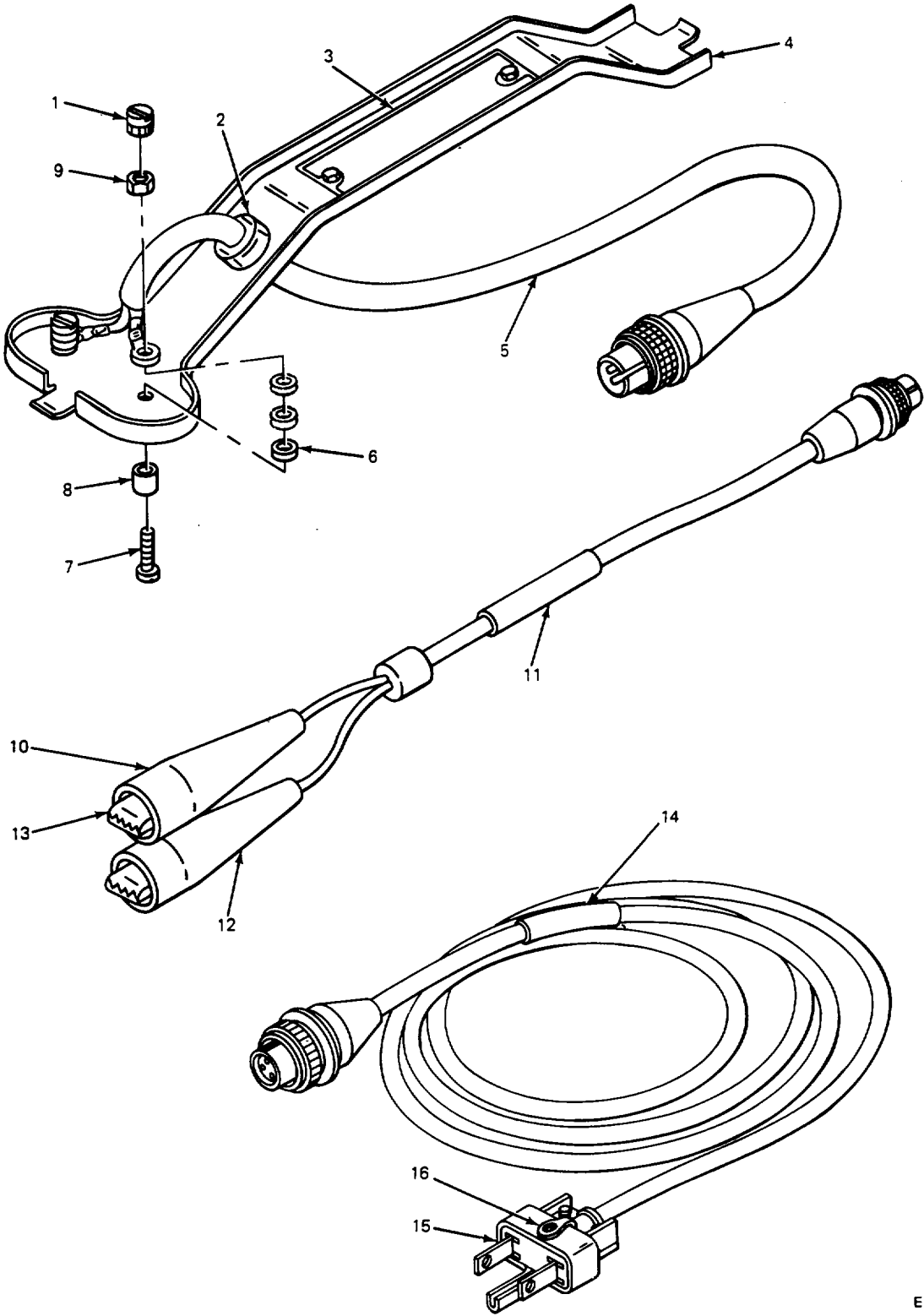
EL8KM013

Figure 10. Battery Charger Case Top Assembly

SECTION II

TM 11-6130-351-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0201 BATTERY CHARGER CASE TOP ASSEMBLY		
10	1	XDDZZ		13913	636-093-000-3	PLATE INSTRUCTION	EA	1
10	2	XDDZZ		13913	352-013-000-4	GASKET	EA	1
10	3	PADZZ	5370-00-957-3582	07707	4D42S	RIVET, BLIND.....	EA	4
10	4	XDFZZ	5325-00-998-3351	94222	85-47-101-15	RECEPTACLE, TURNLOCK	EA	1
10	5	XDDZZ		94222	85-16-200-16	STUD, TURNLOCK FASTE	EA	1
10	6	XDDZZ	5365-00-838-0422	24248	85-34-101-17	RING, RETAINING	EA	1



EL8KM014

Figure 11. Cable Assemblies CX-1 1964/U, CX-1 1972/U, and CX-1 1971/U

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 03 CABLE ASSEMBLY CX-11964/U		
11	1	PAFZZ		95987	NC632	NUT, PLAIN, CAP.....	EA	2
11	2	PAFZZ	5975-00-965-7612	29520	SR7P2	BUSHING, STRAIN RELI	EA	1
11	3	XDDZZ		13913	547-037-000-2	PLATE-IDENTIFICATN.....	EA	3
11	4	XAFZZ		13913	381-021-000-3	HANDLE	EA	3
11	5	XAFZZ		13913	109-006-000-3	CABLE ASSEMBLY, SPEC	EA	1
11	6	PAFZZ	5310-00-937-0288	95987	SW6	WASHER, SHOULDERED	EA	2
11	7	PAFZZ	5305-00-182-5236	13913	787-204- 001	SCREW, MACHINE	EA	2
11	8	XDFZZ		13913	844-051-000-2	SPACER.....	EA	2
11	9	PAFZZ	5310-01-111-7266	13913	558-05-02-001	NUT, PLAIN, HEXAGON	EA	2
11	10	PAFZZ	5975-00-233-6301	19203	8850965	CABLE NIPPLE, ELECTR	EA	1
11	11	XDFZZ		13913	494-005-000-2	BAND-CABLE.....	EA	1
11	12	PAFZZ	5935-00-106-5431	76545	29BLACK	SHIELD, ELECTRICAL C	EA	1
11	13	PAFZZ	5999-00-621-3276	76545	27	CLIP, ELECTRICAL.....	EA	2
11	14	XDFZZ		13913	494-006-000-2	BAND MARKR-CABLE	EA	1
11	15	PAFZZ	5935-01-005-3579	81348	WC596-13-3	CONNECTOR, PLUG, ELEC	EA	1
11	16	XDFZZ	5940-00-197-9742	96906	MS20659-26	TERMINAL, LUG	EA	1

SECTION IV

TM 11-6130-351-24P

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5910-00-007-7183	7	4	5905-00-279-3513	7	17
6145-00-060-0331	6	38	5325-00-281-2167	8	2
5905-00-080-2632	6	30	5920-00-284-6787	3	21
5961-00-087-6047	7	1	5905-00-346-8870	6	26
5905-00-104-5756	6	35	5905-00-356-7953	4	16
5905-00-104-5756	7	18	5330-00-396-0068	3	10
5905-00-104-8366	6	14	5355-00-420-6157	4	17
5905-00-104-8366	7	19	5930-00-420-6159	4	20
5905-00-106-1282	6	34	5935-00-420-6160	4	18
5935-00-106-5431	11	12	5505-00-428-1639	6	24
5905-00-106-9345	6	11	5905-00-432-6410	4	11
5905-00-106-9351	6	15	5905-00-451-7532	4	10
5905-00-110-0196	6	36	5905-00-454-4325	4	7
5905-00-110-0993	6	23	5905-00-462-4742	6	25
5905-00-111-4733	6	12	5520-00-557-2647	3	1
5905-00-111-4734	6	10	5330-00-580-5939	9	2
5905-00-111-4753	6	29	5330-00-593-6442	3	11
5905-00-111-4754	7	9	5355-00-616-9604	3	2
5905-00-111-4840	6	21	5999-00-621-3276	11	13
5905-00-111-4858	7	12	5935-00-636-5918	3	9
5905-00-112-5219	6	19	5930-00-655-1514	3	6
5905-00-113-4856	7	14	5905-00-682-7773	4	12
5905-00-114-5361	6	37	5935-00-725-1345	3	12
5905-00-114-5393	6	32	5905-00-758-4840	4	14
5905-00-114-5401	6	22	6210-00-781-7140	3	26
5905-00-116-8557	6	33	5961-00-821-2309	7	2
5935-00-134-5348	4	4	5975-00-823-1068	3	24
5935-00-134-5349	4	3	5910-00-823-1068	4	1
5961-00-134-5431	6	7	5910-00-823-1068	6	3
5905-00-141-0591	6	31	5910-00-823-1068	7	5
5905-00-141-0591	7	8	5365-00-838-0422	10	6
5905-00-141-0595	6	9	5961-00-879-3091	6	2
5905-00-141-0727	7	13	5920-00-892-9311	3	4
5905-00-141-1168	7	11	5961-00-894-0684	7	3
6150-00-144-0070	1	2	5961-00-935-0138	5	2
5940-00-155-7688	3	22	5905-00-935-8539	6	28
6240-00-155-8706	3	26	5905-00-935-8540	7	15
5305-00-182-5236	11	7	5310-00-937-0288	11	6
5305-00-182-5237	3	18	5961-00-949-1432	6	5
5305-00-182-5239	3	17	5961-00-949-1432	7	6
5905-00-195-8486	6	20	5961-00-949-1440	6	6
5940-00-197-9742	11	16	5561-00-949-1440	7	8
5905-00-209-0292	6	18	5320-00-957-3582	10	3
5950-00-221-0646	3	19	5975-00-965-7612	11	2
5950-00-221-0653	3	16	6240-00-983-2641	4	2
4820-00-223-4788	9	3	5905-00-983-6914	4	8
5961-00-228-1628	5	1	5905-00-983-6914	6	17
6150-00-228-3089	1	4	5905-00-984-7681	4	9
5905-00-233-1790	6	27	5910-00-985-4716	6	4
5975-00-233-6301	11	10	5905-00-988-2280	4	15
6130-00-247-1051	2	4	5905-00-988-2307	6	16
6130-00-247-1058	2	2	5905-00-988-2319	4	11
6130-00-247-1059	3	20	5325-00-998-3351	10	4
5999-00-247-1060	6	39	5935-01-005-3579	11	15
5999-00-247-1060	7	21	5910-01-008-4722	5	3
5905-00-247-8732	6	8	5961-01-058-4300	6	1
5905-00-254-7100	6	13	5905-01-110-6690	7	16
5905-00-264-4039	4	5	5999-01-110-6969	4	21
5905-00-264-4039	7	20	5365-01-111-4160	8	1
5905-00-273-9765	4	6	5310-01-111-7266	11	9
5905-00-279-1948	7	10			

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
07707	AD42S	10	3	81349	F02A250V5A	3	27
72794	AJW4-35	8	2	24229	HT111-2	6	39
06840	A11267-4	3	22	24229	HT111-2	7	21
81349	CK62AW472M	3	24	72794	IDS1-4	8	1
81349	CK62AW472M	4	1	81349	JAN1N1202A	5	2
81349	CK62AW472M	6	3	81349	JAN1N645	7	1
81349	CK62AW472M	7	5	81349	JAN1N645M	6	1
81349	CL21CE100UP3	6	4	81349	JAN1N751A	7	2
81349	CQR09A1KC104J3P	5	3	81349	JAN1N755A	6	2
80058	CX-1964/U(1FT9.5IN)	1	3	81349	JAN1N758A	7	3
80058	CX-11971/U(8FT)	1	2	81349	JAN2N2219A	6	5
80058	CX-11972/U(1FT6IN)	1	4	81349	JAN2N2219A	7	6
81349	FHN26G1	3	4	81349	JAN2N2905A	6	6
81349	F02A250V4A	3	1	81349	JAN2N2905A	7	8

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
81349	LH75LC14CD	3	25	81349	RN60D2001F	4	15
72005	MANGANIN20AWG	6	38	81349	RN60D2002F	4	9
96906	MS15571-2	3	26	81349	RN60D4990F	4	12
96906	MS20659-26	11	16	81349	RN65D2492F	6	30
96906	MS29561-009	9	2	28520	SR7P2	11	2
96906	MS3102E16S5P	3	9	95987	SW6	11	6
96906	MS3102R12S3S	3	12	81348	WC596-13-3	11	15
96906	MS35058-22	3	6	13913	064-066-000-4	2	2
96906	MS91528-1P2B	3	2	13913	064-067-000-4	2	4
96906	MS9241-010	3	5	13913	064-068-000-5	3	20
81349	M39018/01-0636	7	4	13913	064-070-000-7	6	40
95987	NC632	11	1	13913	064-072-000-7	7	22
08863	N6232-3	3	23	13913	064-092-000-7	4	21
81349	RCR07G5R1JS	6	14	13913	064-124-000-4	3	21
81349	RCR07G5R1JS	7	19	77820	10-40450-12	3	11
81349	RCR20G102JS	6	36	77820	10-40450-16	3	10
81349	RCR20G103JS	6	31	13913	109-006-000-3	11	5
81349	RCR20G103JS	7	8	13913	156-022-000-8-2	9	1
81349	RCR20G105JS	6	35	13913	156-022-0008-3	9	4
81349	RCR20G105JS	7	18	13913	156-028-000-4	1	5
81349	RCR20G114JS	6	33	13913	170-004-000-4	1	1
81349	RCR20G121JS	6	37	49671	2N3055	5	1
81349	RCR20G123JS	6	23	13913	210-034-000-2	4	3
81349	RCR20G200JS	7	14	13913	210-035-000-2	4	4
81349	RCR20G201JS	7	13	76545	27	11	13
81349	RCR20G202JS	6	28	76545	29BLACK	11	12
81349	RCR20G222JS	7	11	13913	352-013-000-4	10	2
81349	RCR20G223JS	6	34	13913	381-021-000-3	11	4
81349	RCR20G224JS	6	32	13913	391-011-000-3	3	14
81349	RCR20G243JS	6	29	13913	391-012-000-3	3	13
81349	RCR20G244JS	6	22	13913	391-013-000-3	3	15
81349	RCR20G273JS	6	15	54590	4034Y9	6	7
81349	RCR20G3R0JS	7	9	13913	494-005-000-2	11	11
81349	RCR20G300JS	7	15	13913	494-006-000-2	11	14
81349	RCR20G470JS	6	10	02697	5-669	3	7
81349	RCR20G471JS	7	12	08806	5AH	4	2
81349	RCR20G472JS	6	9	13913	547-037-000-2	11	3
81349	RCR20G514JS	6	21	13913	547-038-000-3	9	5
81349	RCR20G624JS	6	12	13913	558-05-02-001	11	9
81349	RCR20G683JS	6	11	13913	596-095-000-4	2	3
81349	RCR32G471JS	6	8	13913	636-093-000-3	10	1
81349	RC20GF221J	7	17	13913	662-001-000-2	3	8
81349	RC20GF913J	6	13	13913	680-001-000-3	3	16
81349	RC42GF161J	7	10	13913	706-1001-2-03	7	16
81349	RNC60H1003DS	4	16	13913	706-5001-2-01	6	25
81349	RNC60H1603BS	4	7	13913	733-0006-000-3	2	1
81349	RNC60H4002BS	4	5	13913	787-24-04-001	11	7
81349	RNC60H4002BS	7	20	13913	788-20-03-001	3	17
81349	RNC60H8002BS	4	6	13913	790-20-03-001	3	18
81349	RNC60K1001FS	4	13	13913	844-051-000-2	11	8
81349	RNC60KI501FS	4	14	13913	844-067-000-2	3	3
81349	RNC60K4991FS	4	10	94222	85-16-200-16	10	5
81349	RNC65H2322BS	6	19	24248	85-34-101-11	10	6
81349	RNC65K1503FS	6	26	94222	85-47-101-15	10	4
81349	RNC65K2001FS	6	20	13913	878-059-000-1	4	17
81349	RNC65K2002FS	6	24	13913	878-060-000-1	4	18
81349	RNC65K2371FS	6	27	13913	878-072-000-1	4	19
81349	RNC65K9091FS	6	18	13913	878-073-000-1	4	20
81349	RN60D1002F	4	8	19203	8850965	11	10
81349	RN60D1002F	6	17	13913	927-009-000-4	3	19
81349	RN60D1003F	6	16	13913	949-001-000-2	9	3
81349	RN60D1502F	4	11				

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