

This copy is a reprint which includes current pages from Changes 1 and 2.

*TM 11-6625-303-25P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, GENERAL SUPPORT,
AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

ELECTRICAL POWER TEST SETS

AN/UPM-93A, AN/UPM-93B, AN/UPM-93C, AND AN/UPM-100

Headquarters, Department of the Army, Washington, D.C.

12 October 1971

Current as of 21 April 1971

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*This manual supersedes TM 11-6625-303-20P, 13 June 1963, and TM 11-6625-303-45P, 17 July 1963.

CHANGE }
NO. 2 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC 16 April 1979

**Organizational, Direct Support General Support and
Depot Maintenance Repair Parts and Special Tools List
For
TEST SETS, ELECTRICAL POWER
AN/UPM-100 AND AN/UPM-100A
(NSN 6625-00-542-1290)**

TM 11-6625-303-25P, 12 October 1978, is changed as follows:

Page 4, line item 21, fig No. 7, item No. 7. In the NATIONAL STOCK NUMBER column, change "6625-00-682-4666" to read "6115-00-788-0954."

In the PART NUMBER column, change "6815-125" to read "JHP42-010."

In the FSCM column, change "06339" to read "02032".

Page 6, figure 7. Change item number "7" to read "8."

Change item number "8" to read "7."

Page 7, STOCK NUMBER index. Delete "6625-00-682-4666" in its entirety.

Add the following after stock number "6115-00-745-7591":

STOCK NUMBER	FIG. NO.	ITEM NO.
6115-00-788-0954	7	7

PART NUMBER index. Add above the first line:

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
JHP42-010	02032	7	7

By Order of the Secretary of the Army:

BERNARD W. ROGERS
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Chief of Staff

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Sig Sec USA Dep (1)	29-36	

NG: State AG (3); Units- Same as active Army except allowance is one copy per unit
USAR: None

For explanation of abbreviation used, see AR 310-50.

CHANGE }
No. 1 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC 18 August 1975

**Organizational, Direct Support General
Support and Depot Maintenance Repair Parts
and Special Tools Lists
TEST SETS, ELECTRICAL POWER
AN/UPM-93A, AN/UPM-93B, AN/UPM-93C,
AN/UPM-93D, AN/UPM-100, AND AN/UPM-100A**

TM 11-6625-303-25P, 12 October 1971, is changed as follows:

Title of manual is changed as shown above.

Page 1-2. Paragraph 1-3b is superseded as follows:

b. Federal Stock Number. This column indicates the Federal stock number assigned to the item.

NOTE

For requisitioning purposes, the Federal stock number must be converted to the National stock number by adding "-00-" after the Federal stock classification (FSC) code (first four digits). For example, FSN 6625-553-0142 converts to NSN 6625-00-553-0142

Page 1-3, paragraph 1-7. Line 5, after Publications add "and Blank Forms."

"Commanding General" is changed to read "Commander."

Line 7. "ME-NMP-EM" is changed to read "MA-Q"

Page 5-1. Section VI, VII, and IX are added after section V.

SECTION VI INTRODUCTION

7-1. Scope

This manual lists repair parts required for the performance of organizational, direct support, and general support of the AN/UPM-93D and AN/UMP-100A.

7-2. General

This Repair Parts lists is divided into the following sections:

a. Section VII.. Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence.

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

c. *Section IX, National Stock Number and Part Number Index.* A list, in ascending numerical sequence, of all National stock numbers appearing in the listings, followed by a list, in alpha-numeric sequence, of all part numbers appearing in the listing. National stock numbers and part numbers are cross-reference to each illustration figure and item number appearance.

7-3. Explanation of columns

The following provides an explanation of columns found in the tabular listings:

a. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item Number.* The number used to identify each item called out in the illustration.

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

(1) *Source code.* Source codes are assigned to support items to indicate 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:

Code	Definition
PA —	Item procured and stocked for anticipated or known usage.
XD —	A support item that is not stocked when required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA, XD, 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 Uniform SMR Code format is 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

code	Application/Explanation
O —	Support item is removed, replaced, and used at the organizational level.
H —	Support item is removed, replaced, used at the general support level.

(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:

code	Definition
H —	The lowest maintenance level capable of complete repair of the support item is the general support level.
Z —	Nonreparable. No repair 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:

Recoverability codes	Definition
Z —	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
H —	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.

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

d. *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-numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. *Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or government agency, etc.

f. *Description.* Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same model, the effective serial numbers are shown as the last line of the description.

g. *Unit of Measure (U/M).* Indicates the standard of the basis quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabeti-

cal 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.

7-4. Special Information

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

code	Used on
9AA	AN/UPM-93D
9AB	AN/UPM-100A

b. The following publications pertain to the AN/UPM-93D and AN/UPM-100A and their components:

TM 11-6625-303-12	Operator's and Organizational Maintenance Manual: Electrical Power Test Set AN/UPM-93A, AN/UPM-93B, AN/UPM-93C, and AN/UPM-100.
TM 11-6625-303-35	Direct Support and General Support Maintenance Manual: Electrical Power Test Sets AN/UPM-93B, AN/UPM-93C, and AN/UPM-100.

7-5. 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 repair part belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same group.

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

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

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted 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 ascending NSN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced 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 list.

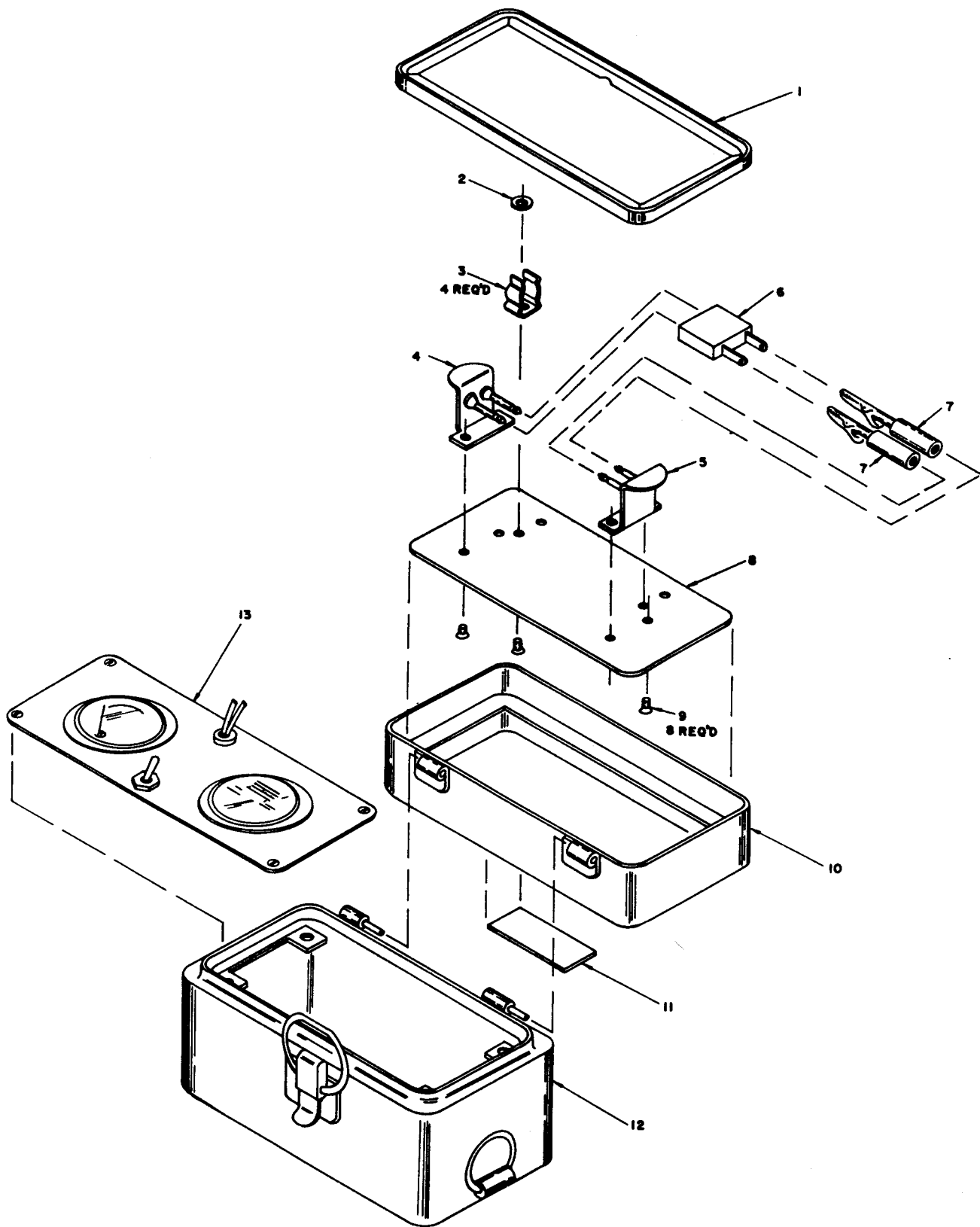
7-6. Abbreviations

Not applicable.

7-7. Recommendation for Maintenance Publications Improvements

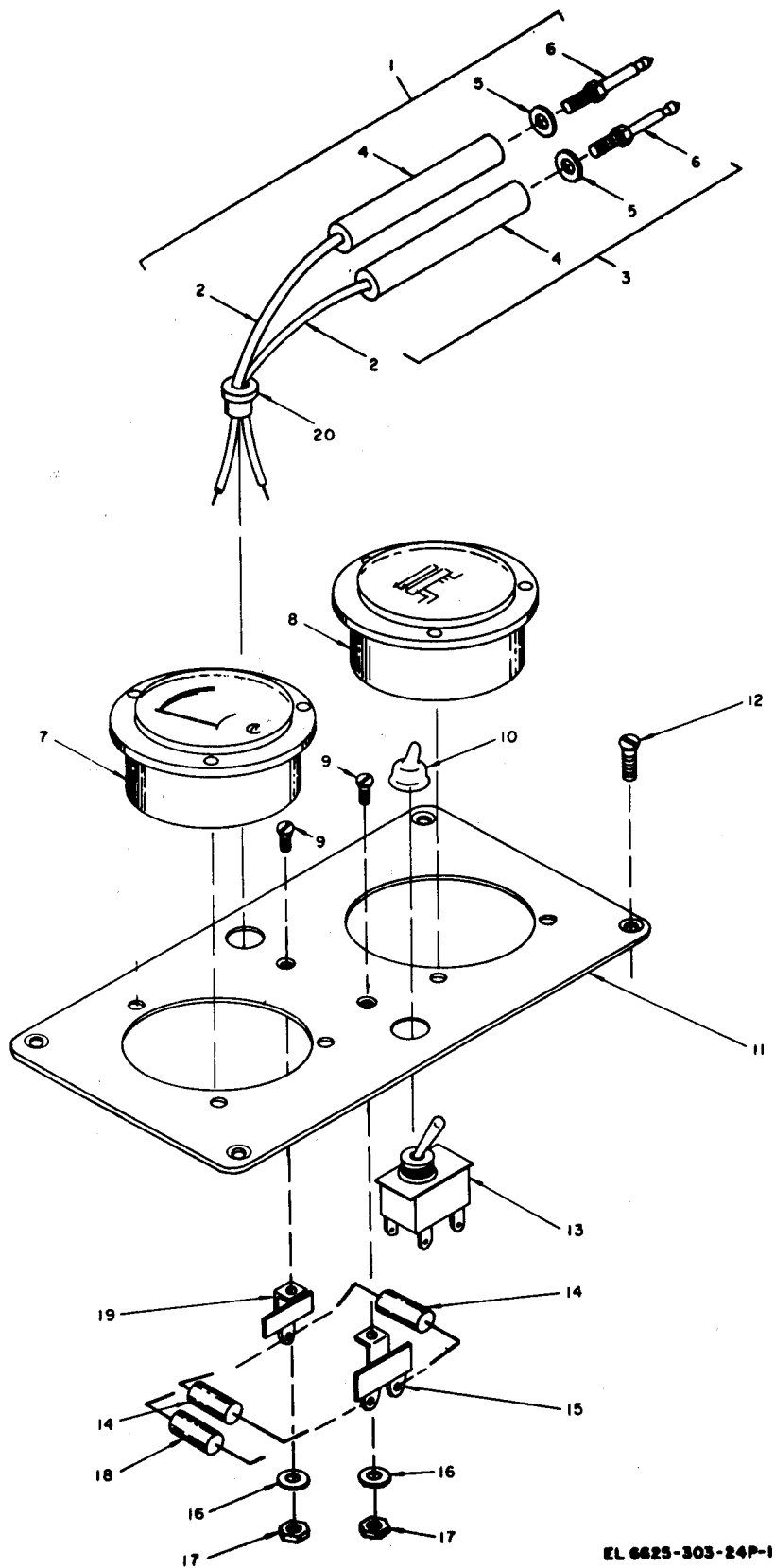
You can help to improve this manual by calling attention to errors and by recommending improvements. Your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) should be mailed directly to Commander, US Army Electronic Command, ATTN: AMSEL-MA-Q, Fort Monmouth, New Jersey 07703.

SECTION VII (1) ILLUSTRATION (A) (B) FIG ITEM NO. NO.		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
GROUP 00: TESTS SETS, ELECTRICAL POWER AN/UPM-93D AND AN/UPM-100A									
6	1	PAHZZ		SM-B-146834	80063	GASKET		EA	1
6	2	PAHZZ	5310-00-187-2398	AN960PD6L	88044	WASHER, FLAT		EA	4
6	3	XDHZZ		SM-B-189405	80063	CLIP, FUSE		EA	4
6	4	XDHZZ		SM-B-84162	80063	CLIP ASSEMBLY		EA	1
6	5	XDHZZ		SM-B-84165	80063	CLIP ASSEMBLY		EA	1
6	6	PAOZZ	5935-00-581-3170	SM-B-174275	80063	CONNECTOR ADAPTER		EA	1
6	7	PAHZZ	5940-00-702-5656	SM-B-174274	80063	CLIP		EA	2
6	8	XDHZZ		SM-C-146832	80063	PLATE, MOUNTING		EA	1
6	9	XDHZZ		SM-B-146833	80063	RIVET, SOLID		EA	8
6	10	XDHZZ		SM-C-189401	80063	CASE, TOP		EA	1
6	11	XDHZZ		SM-B-174197	80063	PLATE, IDENTIFICATION		EA	1
6	12	XDHZZ		SM-C-146837	80063	CASE, BOTTOM		EA	1
6	13	XDHZZ		SM-D-D189406	80063	PANEL ASSEMBLY		EA	1
7	1	PAHHH	6625-00-643-8544	SM-B-174265	80063	LEAD, TEST		EA	1
7	2	PAHZZ	6145-00-164-6952	MIL-W-13169	81349	WIRE, ELECTRICAL		EA	2
7	3	PAHHH	6625-00-643-8546	SC-C-82761	80063	PROD, TEST, MX-1910/U		EA	2
7	4	XDHZZ		SC-C-76302-3	80063	INSULATOR, SLEEVE		EA	2
7	5	XDHZZ		SC-B-23287	8063	WASHER, FLAT		EA	2
7	6	PAHZZ	6625-00-669-0244	SC-B-76301	80063	TIP, TEST PROD		EA	2
7	7	PAHZZ	6115-00-745-7591	4059-125	81825	FREQUENCY METER	9AA	EA	1
7	7	PAHZZ	6625-00-682-4666	6815-125	6339	FREQUENCY METER	9AB	EA	1
7	8	PAHZ	6625-00-935-1444	SM-B-204605	80063	VOLTMETER		EA	1
7	9	PAHZZ		MS35249-21	96906	SCREW, MACHINE		EA	2
7	10	PAHZZ		SM-D-189406-7	80063	BOOT, RUBBER		EA	1
7	11	PAHZZ		SM-C-189403	80063	PANEL, FRONT		EA	1
7	12	PAHZZ		MS-35200-13	96906	SCREW, MACHINE		EA	4
7	13	PAHZZ	5930-00-660-3950	MS24524-30	96906	SWITCH, TOGGLE		EA	1
7	14	PAHZZ	5905-00-279-2527	RC42FG223J	81349	RESISTOR		EA	2
7	15	PAHZZ	5940-00-329-5409	863	83330	TERMINAL BOARD		EA	1
7	16	PAHZZ	5310-00-782-1349	AN960C4	88044	WASHER		EA	2
7	17	PAHZZ	5310-00-934-9748	AN340C4	8804	NUT		EA	2
7	18	PAHZZ	5905-00-249-4210	RC42FG123J	81349	RESISITOR		EA	1
7	19	PAHZZ		849	83330	TERMINAL BOARD		EA	1
7	20	PAHZZ		SR3L	28520	STRAIN RELIEF		EA	1



EL6625-303-24P-2

Figure 6. Case, exploded view.



EL 6625-303-24P-1

Figure 7. Front panel, exploded view.