

D E P A R T M E N T O F T H E A R M Y T E C H N I C A L M A N U A L

**GENERAL SUPPORT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
FOR
TEST SET, BATTERY TS-2530/UR (NSN 6625-00-933-6112)
AND TS-2530A/UR (NSN 6625-00-238-0223)**

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

5 May 1977

Current as of January 1977

REPORTING OF ERRORS

You can help improve this manual by calling attention to errors and by recommending improvements and stating your reasons for the recommendations. Your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) should be mailed direct to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, N.J. 07703. A reply will be furnished direct to you.

Table of Contents

SECTION		Page	Figure
	I. Introduction	1	
	II. Repair parts list	5	
Group	00 Test Set, Battery TS-2530/UR and TS-2530A/UR	5	1
	01 Circuit board	5	1
	III. Special tools list (Not applicable)		
	IV. National stock number and part number index (Not applicable)		

*This manual supersedes so much of TM 11-6625-2631-14, 30 October 1973, as pertains to repair parts and special tools lists.

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 or general support maintenance of the TS-2530/UR and TS-2530A/UR. 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. Not applicable.

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 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 maybe 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 the following level of maintenance

Code	Application/Explanation
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 the following maintenance code:

Code	Application/Explanation
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:

Recoverability Codes	Definition
Z	- Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

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.

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. 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:

<i>Code</i>	<i>Used on</i>
CDI	TS-2530/UR
5GU	TS-2530A/UR

b. The manufacturer's part number on the manufacturer's tag will determine the model of battery tester as follows:

ACR/BT-2 - TS-2530/UR
ACR/BT-2B - TS-2530A/UR

c. The following publication pertains to the TS 2530/UR and TS-2530A/UR and its components:

TM 11-6625-2631-14, Test Set, Battery TS-2530/UR

5. How to Locate Repair Parts

When National stock number or part number is unknown.

a. 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.

b. Second. Find the illustration covering the functional group to which the item belongs.

c. Third. Identify the item on the illustration and note the illustration figure and item number of the item.

d. Fourth. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

6. Abbreviations

Not applicable.

(Next printed page is 4)

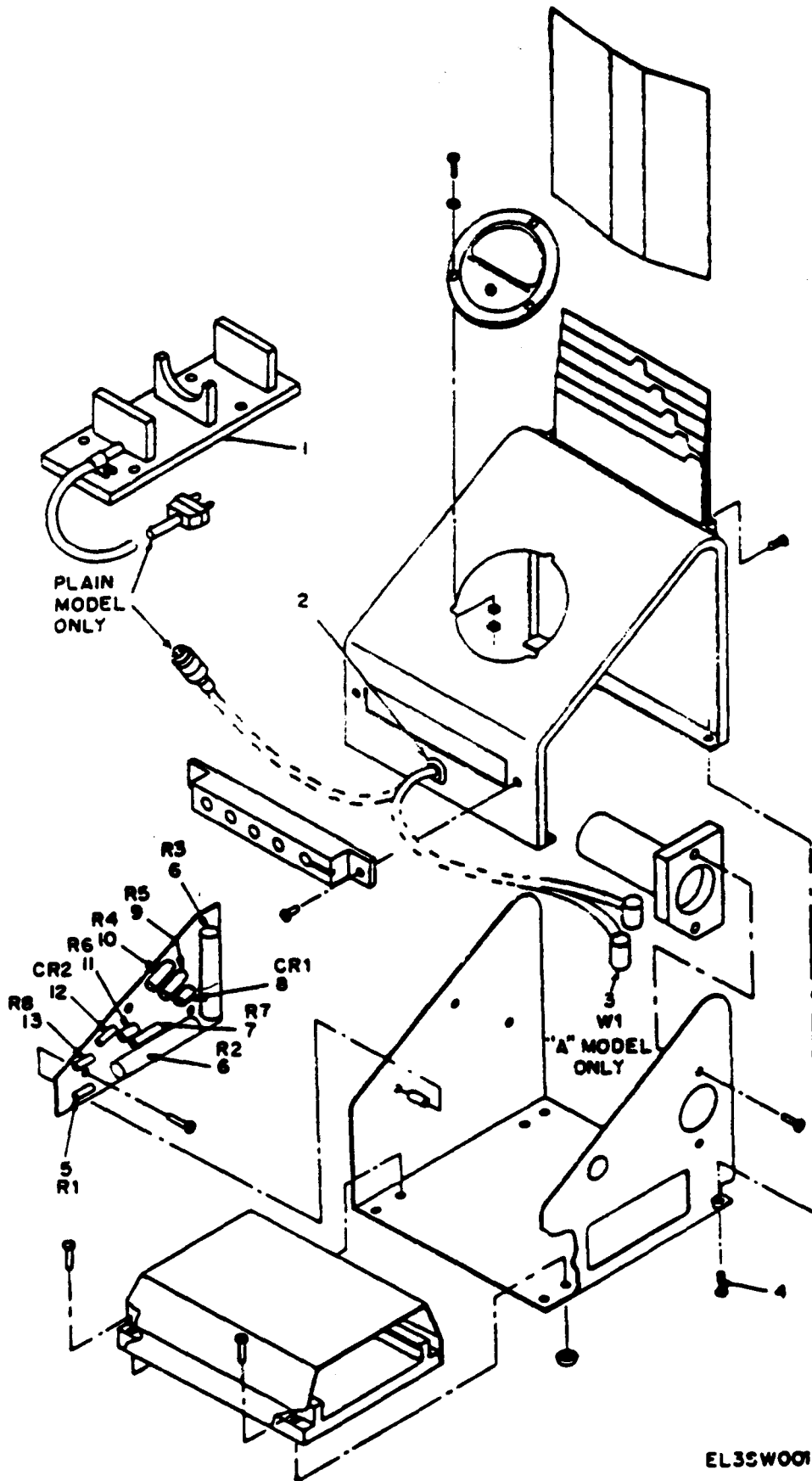


Figure 1. Battery Test Set TS-2530/UR and TS-2530A/UR.

SECTION II. REPAIR PARTS LIST				TM11-6625-2631-40P				
(1) ILLUSTRATION (A) FIG NO	(2) SMR (B) ITEM NO	(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 TEST LET. BATTERY TS-2530A/UR								
AND TS-2530A/UR								
1	1	PAHZZ 6625-00-480-6315		80058	ADAPTER, BATTERY TEST	5GU	EA	1
1	2	XDHZZ		18560	GROMMET	5GU	EA	1
1	3	XDHZZ	A3-06-0511	18560	CABLE ASSEMBLY, W1	5GU	EA	1
1	4	PAHZZ 5305-00-050-6813	MS24642-22	96906	SCREW, SELF TAPPING		EA	6
GROUP 01 CIRCUIT BOARD								
1	5	PAHZZ 5905-00-730-1467	RNC65H6041FS	81349	RESISTOR, FIXED, FILM		EA	1
OR								
1	5	PAHZZ 5905-00-482-5152	RNC65H6191FS	81349	RESISTOR, FIXED, FILM		EA	1
OR								
1	5	PAHZZ 5905-00-153-4595	RNC65H6491FS	81349	RESISTOR, FIXED, FILM		EA	1
OR								
1	5	PAHZZ 5905-00-482-5253	RNC65H6811FS	81349	RESISTOR, FIXED, FILM		EA	1
1	6	PAHZZ 5905-00-780-8763	RWR78S2000FR	81349	RESISTOR, FIXED, WIREWOUND		EA	2
1	7	PAHZZ 5905-00-113-7346	RCR32G470JS	81349	RESISTOR, FIXED, COMPOSITION		EA	1
1	8	PAHZZ 5961-00-849-4176	1N30193	81349	SEMICONDUCTOR DEVICE, DIODE		EA	1
1	9	PAHZZ 5905-00-138-7140	RRC42G101JS	81349	RESISTOR, FIXED, COMPOSITION		EA	1
1	10	PAHZZ 5905-00-247-8732	RRC32G471JS	81349	RESISTOR, FIXED, COMPOSITION		EA	1
1	11	PAHZZ 5905-00-480-5769	RNC65H8061FS	81349	RESISTOR, FIXED, FILM		EA	1
1	12	PAHZZ 5961-00-480-8713	1M5-1ZS1	04713	SEMICONDUCTOR DEVICE, DIODE		EA	1
1	13	PAHZZ 5905-00-721-2351	RNC60H5491FS	81349	RESISTOR, FIXED, FILM		EA	1

By Order of the Secretary of the Army:

Official:

PAUL T. SMITH
Major General, United States Army
The Adjutant General

BERNARD W. ROGERS
General, United States Army
Chief of Staff

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31, Direct and General Support maintenance requirements for All Fixed & Rotor Wing Aircraft.