

TECHNICAL MANUAL
ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND
SPECIAL TOOLS LISTS
FOR
TEST SETS, RADIO
AN/PRM-31 (NSN 6625-00-935-1359),
AN/PRM-31A (NSN 6625-00-143-6683),
AND
AN/PRM-31B (NSN 6625-00-183-0212)

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HEADQUARTERS, DEPARTMENT OF THE ARMY

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No. 11-6625-1621-20P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 12 October 1978

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
TEST SETS, RADIO
AN/PRM-31 (NSN 6625-00-935-1359)
AN/PRM-31A (NSN 6625-00-143-6683)
AND
AN/PRM-31B (NSN 6625-00-183-0212)**

Current as of 16 June 1978

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*This manual supersedes TM 11-6625-1621-20P, 31 December 1976.

SECTION I INTRODUCTION

1. Scope

This manual lists repair parts and special tools required for performance of organizational maintenance of the AN/PRM-31 AN/PRM-31A, and AN/PRM-31B.

2. General

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

a. Section II. Repair Parts List. A list of 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 ascending numerical 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 ascending National item identification number (NIIN, last 9 digits) sequence, of all National stock numbers appearing in the listings, followed by a list, in alphabetic sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

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.	
--	--

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.

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 maintenance codes are entered in the third and fourth positions of the Uniform SMIR 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
O-Support Item is removed, replaced, used at the organizational 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	Application/Explanation
H-The lowest maintenance level capable of complete repair of the support item is the general support 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:

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.	

A-Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

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 item.

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:

Code
3H2
5DG
ASO

Used on
AN/PRM-31
AN/PRM-31A
AN/PRM-31B

b. The following publication pertains to the AN/PRM-31, AN/PRM-31A, and AN/PRM-31B and its components:

TM 11-6625-1621-12, Radio Test Sets AN/PRM-31, AN/PRM-31A, and AN/PRM-31B.

c. The illustrations in this manual are identical to those published in TM 11-6625-1621-40P. Only those parts assigned to the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

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 groups.

(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 NIIN sequence followed by a list of part numbers in ascending alphameric 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.

6. Abbreviations

Not applicable.

(Next printed page is 4.)

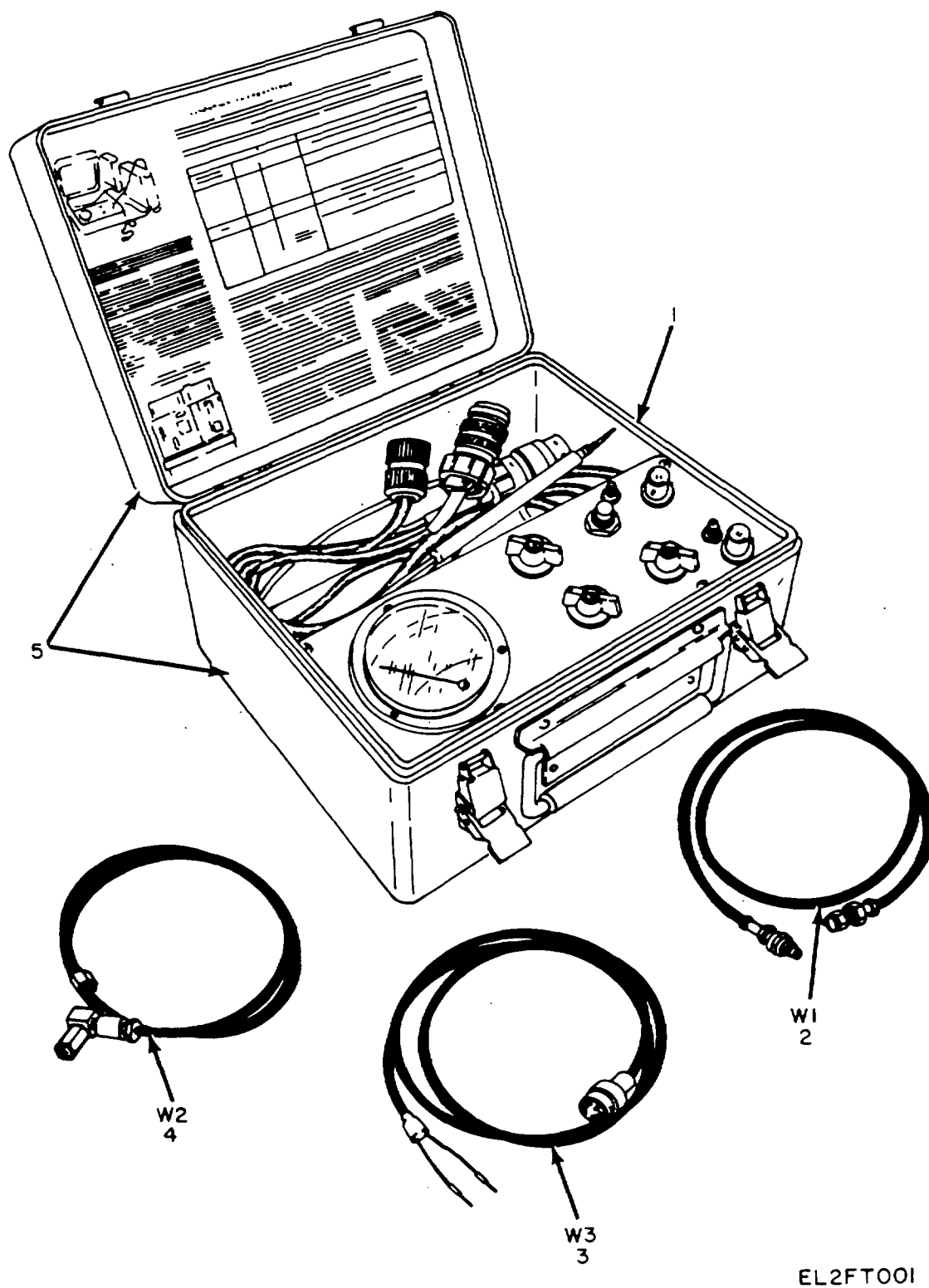
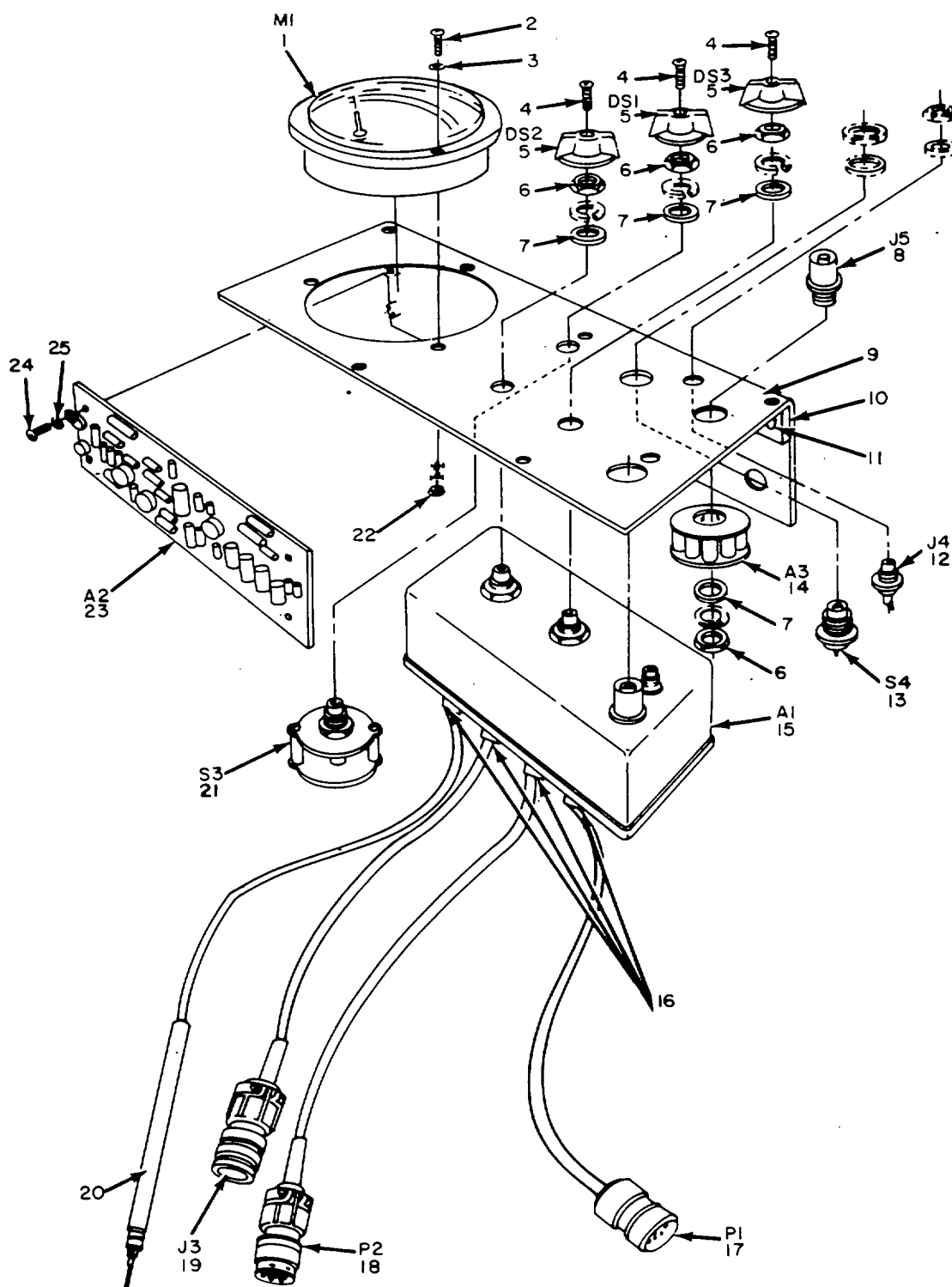


Figure 1. Test Sets ,Radio AN/PRM-31, AN/PRM-31A, and AN/PRM-31B.

SECTION II

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 00 TEST SETS, RADIO AN/PRM-31, AN/PRM-31A, AND AN/PRM-31B		
1	1	PDODD	6625-00-935-1360	TS2587/PRM-31	80058	TEST SET,RADIO FREQUENCY	3H2	EA 1
1	1	PDODD	6625-00-141-6684	TS2587A/PRM-31	80058	TEST SET,RADIO FREQUENCY	5DG	EA 1
1	1	PDODD	6625-00-183-0399	TS3587B/PRM-31	80058	TEST SET,RADIO FREQUENCY	ASO	EA 1
1	2	PAOZZ	5995-00-935-0399	CG3395/U	80058	CABLE ASSEMBLY		EA 1
1	3	PAOZZ	5995-00-832-9040	CG3394/U	80058	CABLE ASSEMBLY		EA 1
1	4	PAOZA	5995-00-935-2515	CG3396/U	80058	CABLE ASSEMBLY		EA 1
					5			



EL2FT002

Figure 2. Front Panel Assembly (A1).

SECTION II

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0101 FRONT PANEL ASSEMBLY (A1)		
2	4	PAOZZ	5305-00-894-1936	LP35233-13	03038	SCREW,SELF LOCKING 3H2	EA	3
2	4	PAOZZ	5305-00-785-9098	LP56D40S4M	03038	SCREW,SELF LOCKING 5DG,ASC	EA	3
2	5	PAOZZ	5355-00-999-9389	V25-1	08730	DIAL, CONTROL	EA	3
					7			

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER		FIGURE NO.	ITEM NO.
6625-00-143-6684		1	1
6625-00-183-0213		1	1
5305-00-785-9098		2	4
5995-00-832-9040		1	3
5305-00-894-1936		2	4
5995-00-935-0399		1	2
6625-00-935-1360		1	1
5995-00-935-2515		1	4
5355-00-999-9389		2	5

PART NUMBER	FSCM	FIGURE NO.	ITEM NO.
CG3394/U	80058	1	3
CG3395/U	80058	1	2
CG3396/7	80058	1	4
LP35233-13	03038	2	4
LP56D40S4M	03038	2	4
TS2587/PRM-31	80058	1	1
TS2587A/PRM-31	80058	1	1
TS3587B/PRM-31	80058	1	1
V25-1	08730	2	5

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