TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
FOR

VOLTmeter,
ELECTRONIC
AN/URM-145
(NSN 6625-00-973-3986)

HEADQUARTERS, DEPARTMENT OF THE ARMY
12 MAY 1977
ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LISTS

(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

FOR

VOLTMETER, ELECTRONIC AN/URM-145

(NSN 6625-00-973-3986)

Current as of 1 February 1977

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

If there are no blank DA Form 2028-2 (Test) in the back of your manual, use the standard DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward to the Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, New Jersey 07703.

In either case a reply will be furnished direct to you.

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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 AN/URM-145. 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 alphabetic 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 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. |

   (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:
         | Code | Application/Explanation |
         |------|-------------------------|
         | O    | Support item is removed, replaced, 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 | 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:
      | Code | Definition |
      |------|------------|
      | Z    | Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3. |
      | H    | Reparable item. When uneconomically
Recoverability codes

Definition

reparable, condemn and dispose at the
general support level.

D - Reparable item. When beyond lower level
repair capability, return to depot. Con-
demnation and disposal not authorized
below depot level.

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

d. Part Number. Indicate 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 func-
tion. 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

The following publication pertains to the
AN/URM-145 and its components:
TM 11-6625-524-15-1, Electronic Voltmeter
AN/URM-145

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 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 NIIN sequence followed by a list of part
numbers in alphabetic 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.
Figure 1. Voltmeter, Electronic AN/URM-145.