

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
FOR
TEST SETS, TELEPHONE ANIUSM-181B AND ANIUSM-181C
(6625-00-740-0344)

Headquarters, Department of the Army, Washington, DC
16 March 1977

Current as of 13 November 1976

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 directly to the Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, New Jersey 07703. A reply will be furnished directly to you.

Table of Contents

			Page	Illus Figure
SECTION	I.	Introduction	1	
	II.	Repair parts list	5	
Group	00	Test Sets, Telephone AN/USM- 18 IB and AN/USM- 181C	5	1
	01	Signal Generators SG-543B/U and SG-543C/U	5	1
Group	02	Impedance Matching Attenuators CN-947B/USM- 1 81 and CN-947C/USM- 18 1	5	1
	03	Electronic Voltmeters ME-260B/U and ME-260C/U	5	1
	06	Test Set CaseCY-7047A/USM-181B.....	5	1
SECTION	III.	Special tools list (NOT APPLICABLE)		
	IV.	National stock number and part number index	6	

*This manual supersedes TM 11-68254102-20P-1, 16 March 1973.

SECTION I
INTRODUCTION

1. Scope

This manual lists repair parts and special tools required for performance of organizational maintenance of the AN/USM-181B and AN/USM-181C.

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 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 alphameric sequence, of all part numbers appearing in the listings. National stock number and parts 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 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
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	- Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D	- Repairable item. When beyond lower level repair capability., return to depot. Condemnation 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.* 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 1

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	Used on
BDB	- AN/USM181B
CUV	- AN/USM-181C

b. The following publication pertains to the

AN/USM-181B and AN/USM-18 C and their components:
TM 11-6625-602-12-1, Test Set, Telephone AN/USM181B

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.

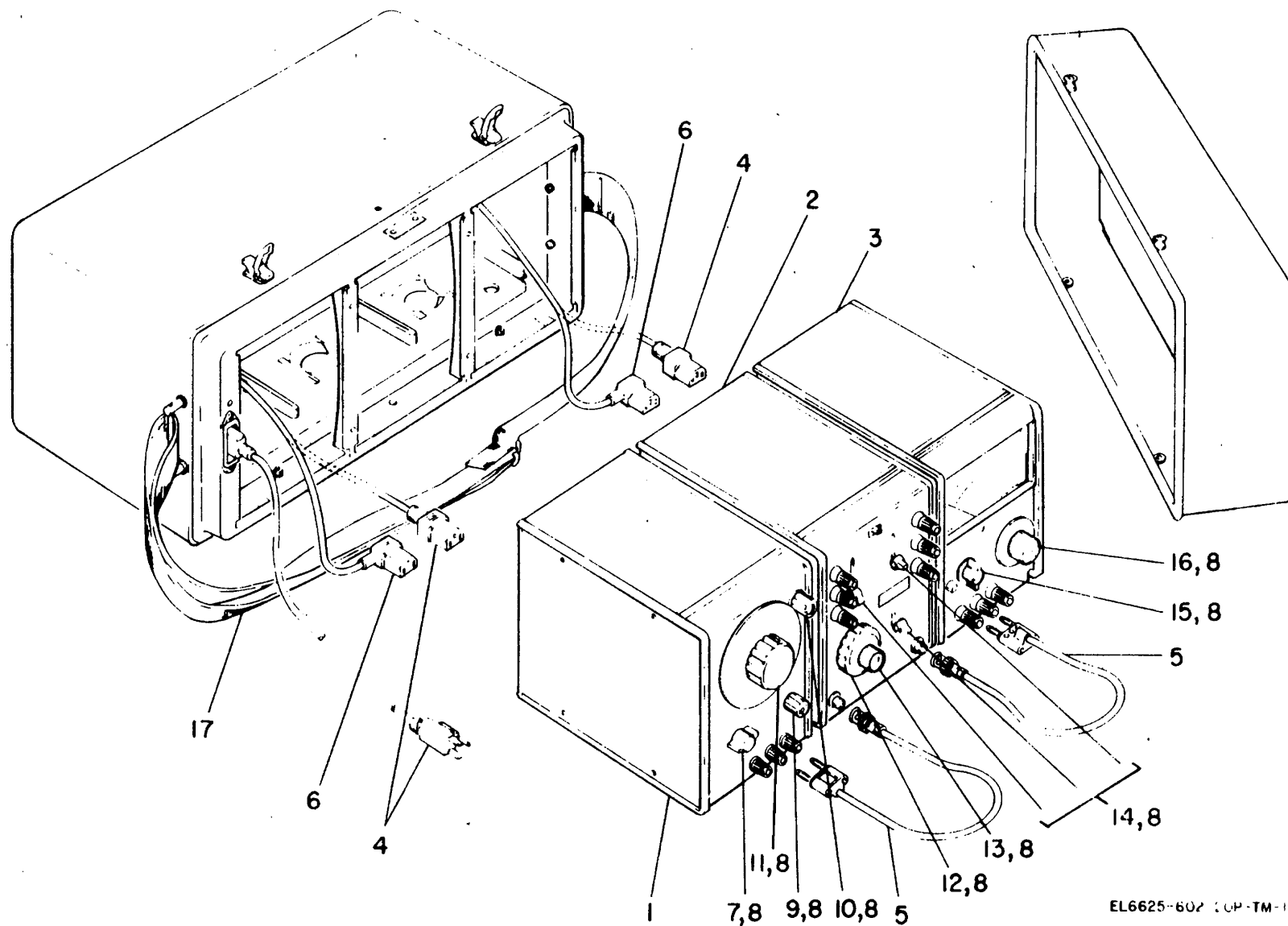
(1) *First*. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NIIN sequence followed by a list of part numbers in ascending alphameric sequence, cross-referenced to the illustration figure number and item number.

(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)



EL6625-602-20P-TM-1

Figure 1. Test Sets, Telephone AN/IJSM-181B and API/USM-181C.

PAGE 5 MISSING IN ORIGINAL DOCUMENT

PAGE 5

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NOTE: LATEST NATIONAL STOCK NUMBER ASSIGNMENTS ARE INCLUDED AT THE END OF INDEX

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5340-00-032-3975	1	17	5305-00-719-5329	1	8
6625-00-159-2356	1	1	5355-00-760-3248	1	15
6150-00-351-3405	1	4	5995-00-764-3646	1	5
5355-00-358-0320	1	7	5355-00-907-3460	1	14
5355-00-358-0321	1	10	5355-00-907-3461	1	12
5355-00-400-8677	1	11	5355-00-907-3462	1	13
5355-00-406-5429	1	9	6625-00-911-0744	1	3

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CN947BUSM181	80058	1	2	0370-0046	28480	1	14
CN947CUSM181	80058	1	2	0370-0087	28480	1	15
CX12594USM1818	80058	1	4	0370-0130	28480	1	12
CX12594USM1818	80058	1	4	0370-0784	28480	1	11
KH7146	70903	1	6	0370-0844	28480	1	9
ME2608U	80058	1	3	0370-0845	28480	1	7
ME260CU	80058	1	3	0370-0846	28480	1	10
MS51963-20	96906	1	8	11035A	28480	1	5
SGS438U	80058	1	1	353A74A	28480	1	13
SGS43CU	80058	1	1	403899	28480	1	16
035S50-67902	28480	1	17				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

<u>STOCK NUMBER</u>	<u>FIG.</u>	<u>ITEM</u>
6625-00-763-2390	1	2
5355-00-771-5863	1	16

By Order of the Secretary of the Army:

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

Official:

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

Distribution:

To be distributed in accordance with DA Form 12-51, Direct and General Support maintenance requirements for AN/TRC-24, AN/GRC-75 thru 78, 80-83, ANfrRA-25, AN/TRC-35 & 36 Equipment.

☆ U. S. GOVERNMENT PRINTING OFFICE : 1984 O - 421-302 (4101)

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
----------	------------	------------	-----------

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 2028-2 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.

P.S.—IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

PIN NO.: 020898-000