

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND  
SPECIAL TOOLS LISTS  
FOR  
GENERATOR, SIGNAL SG-321 B/U  
(NSN 6625-00-935-6924)

Headquarters, Department of the Army, Washington, DC  
22 November 1976

*Current as of 7 September 1976*

**REPORTING OF ERRORS**

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\*This manual supersedes so much of TM 11462-822-12, 5 December 19i8, as pertains to repair parts and special tools list.

**SECTION I  
INTRODUCTION**

**1. Scope :**

This manual lists repair parts and special tools required for performance : organizational maintenance of the SG-321B/U.

**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 part. 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.* Not applicable.

**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:

<i>Code</i>	<i>Definition</i>
-------------	-------------------

PA--Item procured and stocked for anticipated or known usage.

**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 70042.**

(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:

<i>Code</i>	<i>Application/Explanation</i>
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:

<i>Code</i>	<i>Application/Explanation</i>
-------------	--------------------------------

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:

<i>Recoverability codes</i>	<i>Definition</i>
-----------------------------	-------------------

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 5digit numeric code listed in SB 70842 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. The following publication pertains to the SG-321B/U and its components:

TM 11662582212, Signal Generator SG-321B/U.

b. The illustrations in this manual are identical to those published in TM 11-6625-8240P. Only those parts assigned 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**

When National stock number and part number is

unknown.

a. *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.

b. *Second.* Find the illustration covering the functional group to which the repair part belongs.

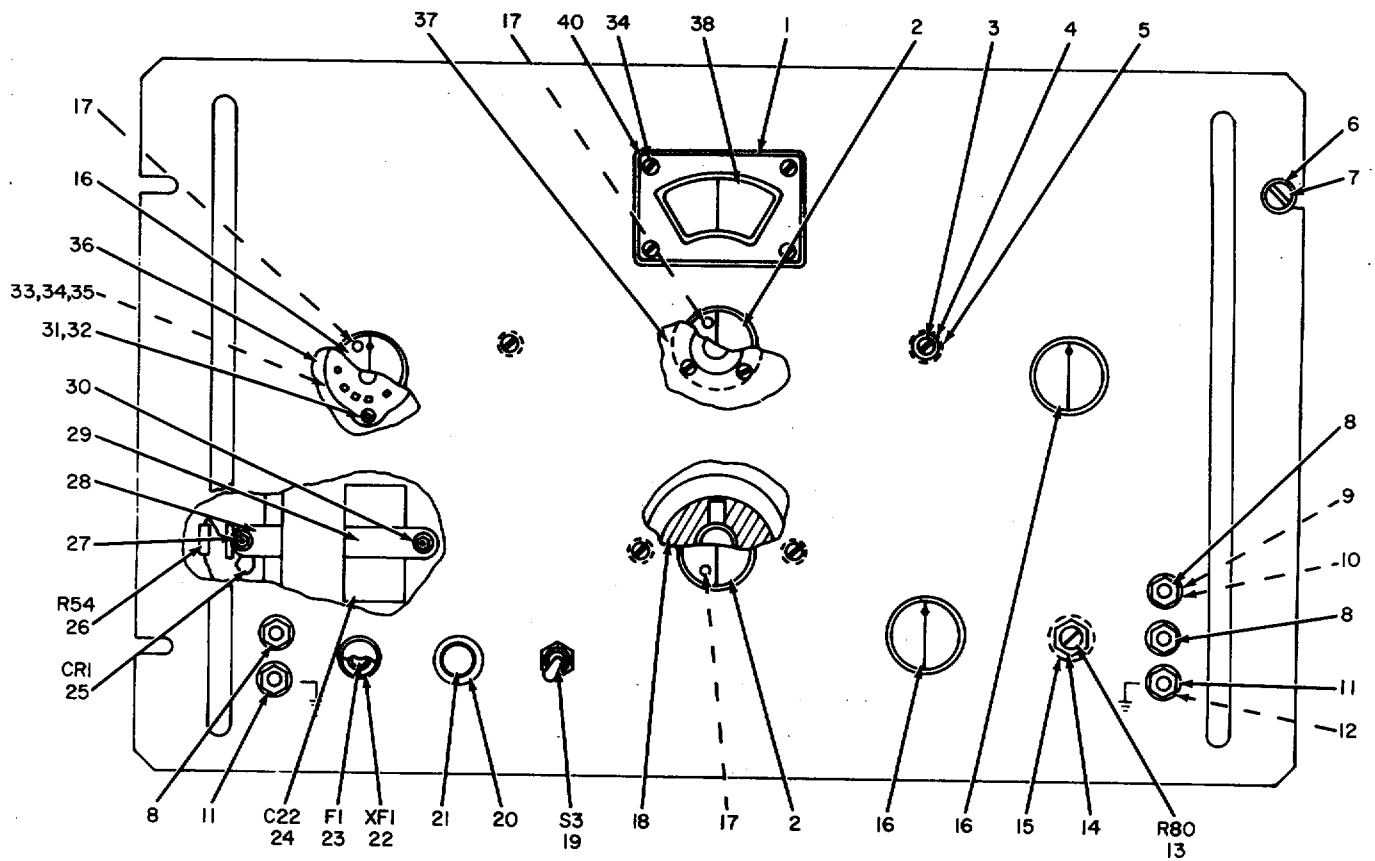
c. *Third.* Identify the repair part on the illustration and note the illustration' figure and item number of the repair part.

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)**



EL2CU001

Figure 1. Generator, Signal SG-321B/U

**SECTION II**

**TM 11-6625-822-20P**

(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
1	21	PAOZZ	6240-00-155-8706	47	08806	GROUP 00 GENERATOR, SIGNAL SG-321B/U LAMP, INCANDESCENT .....	EA	1
1	23	PAOZZ	5920-00-060-2424	F02G5R00A	81349	FUSE, CARTRIDGE .....	EA	1
					<b>5</b>			

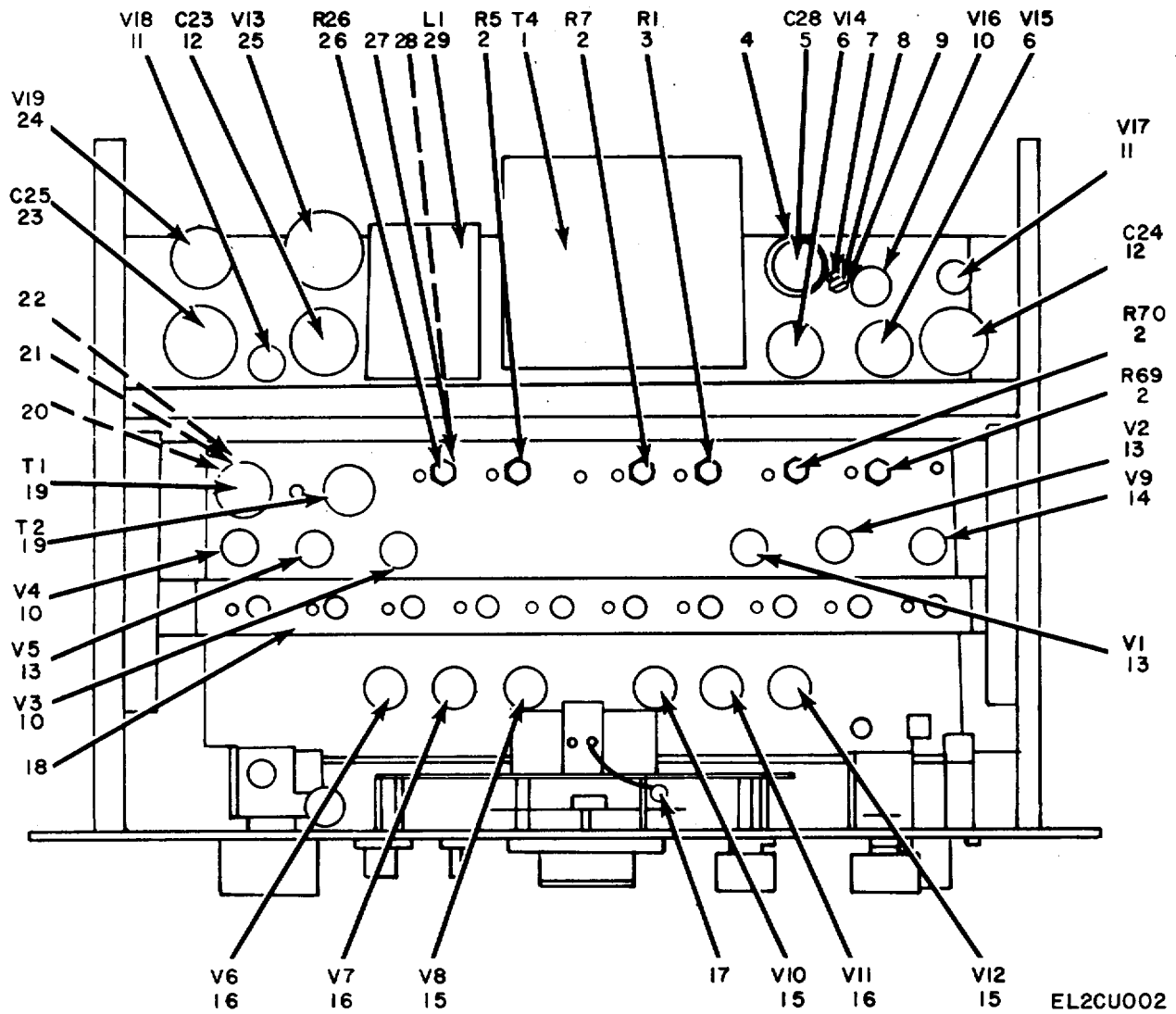


Figure 2. Generator, Signal SG-321B/U, Top Cover Removed

## SECTION II

TM 11-6625-822-20P

(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
2	6	PAOZZ	5960-00-262-0151	6AU5GT	81349	ELECTRON TUBE	EA	2
2	10	PAOZZ	5960-00-617-9304	6AU6WA	80131	ELECTRON TUBE	EA	3
2	11	PAOZZ	5960-00-556-1444	0A2	81349	ELECTRON TUBE	EA	2
2	13	PAOZZ	5960-00-879-5078	6A15W	81349	ELECTRON TUBE	EA	3
2	14	PAOZZ	5960-00-557-6780	6C4WA	81349	ELECTRON TUBE	EA	1
2	15	PAOZZ	5960-00-685-8993	12AU7A	80131	ELECTRON TUBE	EA	3
2	16	PAOZZ	5960-00-166-7664	12AX7	81349	ELECTRON TUBE	EA	3
2	24	PAOZZ	5960-00-188-3565	0A3	81349	ELECTRON TUBE	EA	1
2	25	PAOZZ	5960-00-642-8341	5U4GB	81349	ELECTRON TUBE	EA	1

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USAIS (2)  
USAES (2)  
USAICS (3)  
MAAG (1) '  
USARMIS (1)  
Instls (2) except

Ft Gordon (10)  
Ft Huachuca (10)  
Ft Carson (5)  
Ft Richardson (ECOM Ofc) (2)  
LBAD (14)  
SAAD (30)  
TOAD (14)  
SHAD (8)  
Ft Gillem (10)  
Sig FLDMS (1)  
USAERDAA (1)  
USAERDAW (1)  
Unit org under fol TOE:  
(1 copy each unit)  
11-97  
11-98  
11-117  
11-127  
11-500 (AA-AC)  
29-41  
29-134  
29-136  
29-500  
55-405  
55-406  
55-458

NG: None

USAR: None

For explanation of abbreviations used, see AR 31050.



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