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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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ORGANIZATIONAL MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS  
SIGNAL GENERATOR SG336/U  
(FSN 6625-669-2395)

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Headquarters, Department of the Army, Washington, DC  
13 December 1974

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\*This manual supersedes TM 11-6625-406-20P, 21 March 1962.

## SECTION I

### INTRODUCTION

#### 1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational maintenance of the SG-336/U. The PCCN for the SG-336U is GTEAEK for all models

#### 1-2. General

This repair parts and special tools list is divided into the following sections:

a. *Prescribed Load Allowance (PLA) -Section II.* Not applicable.

b. *Repair Parts List Section III.* A list of repair parts authorized for the performance of maintenance at the organizational level. This repair parts list is arranged in alphabetical order.

c. *Special Tools, Test and Support Equipment - Section IV.* Not applicable.

d. *Index -Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number - Section V.* A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphanumeric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

#### 1-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists.

a. *Source, Maintenance, and Recoverability Codes (SMR).*

(1) *Source code.* Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are:

Code	Explanation
PA -	Item procured and stocked for anticipated or known usage.
PB -	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC-	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
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.

Code	Explanation
PE -	Support equipment procured and stocked for initial issue or outfit o specified maintenance repair activities
PF -	Support equipment which will not be stocked but which. will be centrally procured on demand.
PG-	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production facilities would prove uneconomical to reproduce at a later time.
KD -	An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF -	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance.
KB--	Item included in both a depot over- haul/repair kit and a maintenance kit.
MO -	Item to be manufactured or fabricated at organizational level
MF-	Item to be manufactured or fabricated at direct support maintenance level
MH -	Item to be manufactured or fabricated at general support maintenance level.
MD -	Item to be manufactured or fabricated at depot maintenance level
AO-	Item to be assembled at organizational level.
AF-	Item to be assembled at direct support maintenance level
AH -	Item to be assembled at general support maintenance level.
AD -	Item to be assembled at depot maintenance level.
XA -	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB -	Item is not procured or stocked. If not available through salvage, requisition.
XC -	Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturers' part number.
XD -	Support items can be requisitioned with justification.

**NOTE**

**Cannibalization or salvage may be 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) *Use (third position).* The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates 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 of maintenance.

**NOTE**

**A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.**

- F - Support item is removed, replaced, used at the direct support maintenance level.
- H - Support item is removed, replaced, used at the general support maintenance.
- D- Support items that are removed, replaced, used at depot only.

(b) *Repair (fourth position).* 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). When a maintenance code is not used **a dash (-) sign is entered. For multiservice equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code:**

<i>Code</i>	<i>Application/Explanation</i>
O-	The lowest maintenance level capable of complete repair of the support item is the organizational level
F -	The lowest maintenance level capable of at complete repair of the support item is direct support.
H -	The lowest maintenance level capable of complete repair of the support item is general support

<i>Code</i>	<i>Application/Explanation</i>
D-	The lowest maintenance level capable of complete repair of the support item is the depot level.
L-	Repair restricted to designated Specialized Repair Activity.
Z-	Nonrepairable. No repair is authorized.
B -	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level No parts or special tools are procured for the maintenance of this item.

(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>Code</i>	<i>Explanation</i>
Z-	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
O-	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F-	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
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
L -	Repairable item. Repair, condemnation, and disposal not: authorized. Below depot/Specialized -Repair Activity-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).

b. *Federal Stock Number.* Indicates. the Federal stock number assigned to the item.

**NOTE**

**For requisitioning purposes, the Federal stock number must be converted to the National stock number by adding "-00" after the Federal stock classification (FSC) code (first four digits) For example, FSN 6625563142 converts to NSN 6625-00 553-0142.**

c. *Description.* Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government agency, etc., and is identified in 708-42.

d. *Unit of Measurement (U/M).* Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two character alphabetical abbreviation; eg., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. 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.

e. *Quantity Incorporated in Unit.* This column indicates the quantity of the item used in the equipment. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF".

f. *15-Day Organizational Maintenance Allowance.*

(1) The repair parts indicated by an asterisk in the allowance column represent those authorized for use at the organizational category, and will be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Major Army commanders are authorized to approve reduction in the range of support items authorized for use in units within their commands. Recommendations for increase in range of items authorized for use will be forwarded to Commander, US Army Electronics Command, ATTN: AMSELMA-DM, Fort Monmouth, NJ 07703. Any changes approved will be reflected in a revision to the RPSTL.

(3) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other equipment,

g. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown in TM 11-6625-406-12.

(2) *Item number.* Indicates the item number or reference designation used to reference the item in the illustration.

#### 1-4. Special Information

a. Usable on codes are included in column 3. Uncoded items are applicable to all model. Identification of the usable on codes used in this publication are:

Code  
BAM

Used on  
SG-336/U

b. The following publication pertains to the SG-336/U and its components:

TM 11-6625-406-12 Operator and Organizational Maintenance Manual: Signal Generator SG-336/U.

#### 1-5. Location of Repair Parts

a. This manual contains one cross-reference index (sec V) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is known. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers) are listed immediately following the last listed Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (see V) and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure item number or reference designation.

(2) Refer to the repair parts list (sec III) and locate the figure number (col 7a) and item number or reference designation (col 7b), as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b of the repair parts list (sec III) until the item is located.

d. When the FSN, reference number, figure number, item number and reference designation are not known, scrutinize column 3 of the repair parts list (sec III), which is arranged in alphabetical order.

#### 1-6. Abbreviations

Not applicable.

#### 1-7. Reporting of Equipment Publication Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command ATTN: AMSEL-MA-DM, Fort Monmouth, NJ 07703.

(Next printed page is 6)

SECTION III

TM 11-6625-406-20PP

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE  REF NUMBER & MFR CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- TRATION	
					(a)	(b)	(c)	(d)	(a)	(b)
					1-5	6-20	21-50	51-100	FIG NO.	ITEM NO.
XDOZZ		BUMPER, RUBBER NO-REF-DESIG ..... 1611 (73734)	EA	8	*	*	*	*		
PAOZZ	5935-636-7145	CONNECTOR, PLUG, ELECTRICAL NO-REF-DESIG..... UP121M (81349)	EA	1	*	*	*	*		
XDOZZ		CRYSTAL UNIT, QUARTZ Y1 27.5 MC..... Y1-27-5MC (80138)4	EA	1	*	*	*	*	4	Y1
XDOZZ		CRYSTAL UNIT, QUARTZ Y2 28.5 MC..... Y2-28-5MC (80138)	EA	1	*	*	*	*	4	Y2
XDOZZ		CRYSTAL UNIT, QUARTZ Y3 30 MC..... Y3-30MC (80138)	EA	1	*	*	*	*	4	Y3
XDOZZ		CRYSTAL UNIT, QUARTZ Y4 31.5 MC..... Y4-31-5MC (80138)	EA	1	*	*	*	*	4	Y4
XDOZZ		CRYSTAL UNIT, QUARTZ Y5 32.5 MC..... Y5-32-5MC (80138)	EA	1	*	*	*	*	4	Y5
PAOZZ	5960-188-3967	ELECTRON TUBE V1..... 6J6 (81349)	EA	1	*	*	*	*	4	V1
XDOZZ		ELECTRON TUBE V3..... 6SN7WGT (81349)	EA	1	*	*	*	*	4	V3
PAOZZ	5960-116-9927	ELECTRON TUBE V2..... 6V6GT (81349)	EA	1	*	*	*	*	4	V2
PAOZZ	5960-262-0167	ELECTRON TUBE V4..... 12AT7 (81349)	EA	2	*	*	*	*	4	V4
PAOZZ	5960-262-0167	ELECTRON TUBE V7..... 12AT7 (81349)	EA	REF	*	*	*	*	4	V7
PAOZZ	5960-262-0210	ELECTRON TUBE V5..... 12AU7 (81349)	EA	2	*	*	*	*	4	V5
PAOZZ	5960-262-0210	ELECTRON TUBE V6..... 12AU7 (81349)	EA	REF	*	*	*	*	4	V6
XDOZZ		KNOB NO-REF-DESIG MARKED SINGLE WHITE DOT ..... 165 (80138)	EA	1	*	*	*	*		
XDOZZ		KNOB NO-REF-DESIG MARKED "PIP ADJ N" ..... 1426-2 (80138)	EA	1	*	*	*	*		
XDOZZ		KNOB NO-REF-DESIG MARKED "PIP ADJ. W" ..... 1426-3 (80138)	EA	1	*	*	*	*		
XDOZZ		KNOB NO-REF-DESIG ..... 2300A (72512)	EA	1	*	*	*	*		
XDOZZ		SHIELD, ELECTRON TUBE NO-REF-DESIG ..... 126 (91662)	EA	1	*	*	*	*		
XDOZZ		SHIELD, ELECTRON TUBE NO-REF-DESIG ..... 190 (91662)	EA	1	*	*	*	*		
PAOZZ	5960-188-8573	ELECTRON TUBE V4..... 0D3 (81349)	EA	1	*	*	*	*	4	V4
XDOZZ		ELECTRON TUBE V1..... 5Y3 (81349)	EA	1	*	*	*	*	4	V1
XDOZZ		ELECTRON TUBE V3..... 6SL7GT (81349)	EA	1	*	*	*	*	4	V3
XDOZZ		ELECTRON TUBE V2..... 6Y6G (81349)	EA	1	*	*	*	*	4	V2
PACZZ	5920-518-1793	FUSE, CARTRIDGE F1..... F2023R00A (81349)	EA	1	*	*	*	*	2	F1
PACZZ	6240-057-2887	LAMP, INCANDESCENT I1..... 44(24446)	EA	1	*	*	*	*	2	I1

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ORGANIZATIONAL REPAIR PARTS/TOOLS LIST

**SECTION V**

**TM 11-6625-406-20PP**

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5935-636-7145			5960-116-9927	4	V2
			5960-188-3967	4	V1
			5960-188-8573	4	V4
			5960-262-0167	4	V4
			5960-262-0167	4	V7
			5960-262-0210	4	V5
			5960-262-0210	4	V6
5920-518-1793	2	F1	6240-057-2887	2	I1

Reference No.	Mfg Code	Fig. No.	Item No.	Reference No.	Mfg Code	Fig. No.	Item No.
UP121M	81349			1426-2	80138		
Y1-27-SMC	80138	4	Y1	1426-3	80138		
Y2-28-SMC	80138	4	Y2	1611	73734		
Y3-30MC	80138	4	Y3	165	80138		
Y4-31-SMC	80138	4	Y4	190	91662		
Y5-32-SMC	80138	4	Y5	2300A	72512		
0D3	81349	4	V4	5Y3	81349	4	V1
12AT7	81349	4	V4	6J6	91349	4	V1
12AT7	81349	4	V7	6SL7GT	81349	4	V3
12AU7	81349	4	V5	6SN7WGT	81349	4	V3
12AU7	81349	4	V6	6V6GTY	81349	4	V2
126	91662			6Y6G	81349	4	V2
F0263R00A	81349	2	F1	44	4446	2	I1

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*NG: State AG (3); - same as Active Army*

USAR: None

For explanation of abbreviations used, see AR 310-50.

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