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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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ORGANIZATIONAL MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS  
TEST OSCILLATOR SET AN/PRM-10  
FSN 6625-521-6807

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Headquarters, Department of the Army, Washington, D.C.  
28 September, 1973

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\*This manual supersedes TM 11-6625-276-20P. 26 July 1962.

**SECTION I.  
INTRODUCTION**

**1-1. Scope**

This manual lists repair parts and special tools required for the performance of organizational maintenance of the AN/PRM-10. The PCCN for the AN/PRM-10 is GTEAAV 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 4 list, in alphameric 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--

<i>Code</i>	<i>Explanation</i>
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.
PE--	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.

<i>Code</i>	<i>Explanation</i>
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 overhaul/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 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) *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.

Code	Application/Explanation
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.**

Code	Application/Explanation
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 multi-service 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

Code	Application/Explanation
O—	The lowest maintenance level capable of complete repair of the support item' is the organizational level.
F—	The lowest maintenance level capable of 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.
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—	Non-repairable. No repair is authorized.

Code	Application/Explanation
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 uniform SMR Code Format as follows:

Code	Explanation
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 and will be used for requisitioning purposes.

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 SB 708-42.

d. *Unit of Measure (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; e.g., 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: AMSEL-MA-, Fort Monmouth, N.J., 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 11-6625-276-24.

(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 models. Identification of the usable on codes used in this publication are—

Code	Used on
AGE	AN/PRM-10

b. The following publication pertain to the AN/PRM-10 and its components:

TM 11-6625-276-10	Operator's Manual: Test Oscillator Set AN/PRM-10.
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TM 11-6625-276-24 Organizational and Field Maintenance Manual: Test Oscillator Set AN/PRM-10.

#### 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 (sec V) and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure and 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 forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CRA, Fort Monmouth, N.J., 07703.

(Next printed page is 6)

SECTION III

TM 11-6625-276-20P

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION  USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUS- TRATION	
					(A)	(B)	(C)	(D)	(A) FIG. NO.	(B) ITEM NO.
					1-5	6-20	21-50	51-100		
PAOZZ	5920-542-871	CAP, ELECTRICAL NO-REF-DESIG FUSEHCLOER CAP ..... P/O POWER SUPPLY GROUP 9758-1-2 (71400)	EA	2	*	*	*	*	1-2	8
PAOZZ	5935-149-4013	CONNECTOR, PLUG, ELECTRICAL P101 P/O POWER ..... SUPPLY GROUP 7057 (833151)	EA	1	*	*	*	*	7-1	P101
PAOZZ	6625-510-46872	COVE., TEST SET A102 P/C POWER SUPPLY GROUP ..... TL5407200 (818491)	EA	1	*	*	*	*		
PAOZZ	5960-503-4880	ELECTRON TUBE V102 P/O POWER SUPPLY GROUP ..... QA2 (81349)	EA	1	*	*	*	*	5-2	V102
PAOZZ	5960-188-0873	ELECTRON TUBE V103 P/O POWER SUPPLY GROUP ..... 6AV6 (81349)	EA	1	*	*	*	*	5-2	V103
PAOZZ	5960-272-9182	ELECTRON TUBE V101 P/O POWER SUPPLY GROUP ..... 6X4W (81349)	EA	1	*	*	*	*	5-2	V101
PAOZZ	5960-669-6861	ELECTRON TUBE V104 P/O POWER SUPPLY GROUP ..... 6005-6AQ5W (81349)	EA	1	*	*	*	*	5-2	V104
PAOZZ	5920-235-8362	FUSE, CARTRIDGE :101 P/O POWER SUPPLY GROUP ..... MDL3-10 (71400)	EA	1	*	*	*	*	1-2	F101
PAOZZ	5920-235-8362	FUSE, CARTRIDGE F102 P/O POWER SUPPLY GROUP ..... MDL3-10 (71400)	EA	*	*	*	*	*	1-2	F102
PAOZZ	6240-155-8706	LAMP, INCANDESCENT E101 P/O POWER SUPPLY ..... GROUP 47 (244461)	EA	1	*	*	*	*		
PAOZZ	6210-188-8779	LENS, INDICATOR LIGHT NO-REF-DESIG P/O FREQ ..... METER GROUP 810B121 (72619)	EA	1	*	*	*	*		
PAOZZ	5960-272-9094	SHIELD, ELECTRON TUBE E105 P/O POWER SUPPLY ..... GROUP TS102U02 (813501)	EA	1	*	*	*	*		
PAOZZ	5960-295-7652	SHIELD, ELECTRON TUBE E102 P/O POWER SUPPLY ..... GROUP T5102U03 (81350)	EA	3	*	*	*	*		
PAOZZ	5960-295-7652	SHIELD, ELECTRON TUBE E103 P/O POWER SUPPLY ..... GROUP TS102U03 (81350)	EA	REF	*	*	*	*		
PAOZZ	5960-295-7652	SHIELD ELECTRON TUBE E104 P/O POWER SUPPLY ..... GROUP TSL02U03 (813501)	EA	REF	*	*	*	*		
PAOZZ	5950-571-2437	COIL, RADIO FREQUENCY %201 2-5 NC P/O FREQ ..... METER GROUP A1044-48385000 (589231)	EA	1	*	*	*	*	1-2	Z201
PAOZZ	5950-647-9154	COIL, RADIO FREQUENCY Z202 5-10 NC P/O FREQ ..... METER GROUP 154071L86 (81849)	EA	1	*	*	*	*	1-2	Z102
PAOZZ	5950-545-5512	COIL, RADIO FREQUENCY Z203 10-22 NC P/O FREQ ..... METER GROUP A1042 (98179)	EA	1	*	*	*	*	1-2	Z203
PAOZZ	595-647-9510	COIL, RADIO FREQUENCY 1204 22-45 NC P/O FREQ ..... METER GROUP T15407188 (81849)	EA	1	*	*	*	*	1-2	Z204
PAOZZ	5950-647-9509	COIL, RADIO FREQUENCY Z205 45 TO 100 MC P/O ..... FREQ METER GROUP T15407189 (818491)	EA	1	*	*	*	*	1-2	Z205
PAOZZ	5950-646-3383	COIL, RADIO FREQUENCY 1206 100 TO 250 C P/O ..... FREQ METER GROUP A1037 (81791)	EA	1	*	*	*	*	1-2	Z206
PAOZZ	5953-346-5981	COIL. RADIO FREQUENCY Z207 250 TO 400 MC P/O ..... FREQ. METER GROUP A1061 (98179)	EA	1	*	*	*	*	1-2	Z207
PAOZZ	5960-116-9978	ELECTRON TUBE V201 P/O FREQ METER GROUP ..... 955 (81349)	EA	1	*	*	*	*	5-1	V201
PAOZZ	5355-668-9157	KNOB H201 P/I FREQ METER GROUP ..... S619-64008B (753763)	EA	1	*	*	*	*		
PAOZZ	5355-668-9157	KNOB H232 P/O FREQ METER GROUP ..... S619-4D0088 (75376)	EA	1	*	*	*	*		

**INDEX – FEDERAL STOCK NUMBER AND REFERENCE NUMBER  
CROSS – REFERENCE-TO FIGURE AND ITEM NUMBER**

<b>STOCK NUMBER</b>	<b>FIGURE NO.</b>	<b>ITEM NO.</b>	<b>STOCK NUMBER</b>	<b>FIGURE NO.</b>	<b>ITEM NO.</b>
5355-668-9157			5960-116-9978	7-2	V201
5355-668-9157			5960-188-0873	5-2	V103
5920-235-8362	1-2	F101	5960-272-9094		
5920-235-8362	1-2	F102	5960-272-9182	5-2	V101
5920-542-8711	7-1		5960-295-7652		
5935-149-4013	1-2	P101	5960-295-7652		
5950-346-5981	1-2	Z207	5960-295-7622		
5950-545-5512		Z203	5960-503-4680	5-2	V102
5950-571-2437		Z201	5960-669-6861	5-2	V104
5950-646-3383	1-2	Z206	6210-183-9779		
5950-647-9154	1-2	Z202	6240-155-8706		
5950-647-9509	1-2	Z205	6625-510-4682		A102
5950-647-9510	1-2	Z204			

<b>REFERENCE NO.</b>	<b>MFR CODE</b>	<b>FIG. NO.</b>	<b>ITEM NO.</b>	<b>REFERENCE NO.</b>	<b>MFR CODE</b>	<b>FIG. NO.</b>	<b>ITEM. NO</b>
A1037	98179	1-2	Z206	T15407188	81849	1-2	Z204
A1042	98179	1-2	Z203	T15407189	81849	1-2	Z205
A1044-48389000	58923		Z101	T15407233	81849		A102
A1061	98179	1-2	Z207	0A2	81349	5-2	V102
MDL3-10	71400	1-2	F101	47	24446		E101
MDL3-10	71400	1-2	F102	6AV6	81349	5-2	V103
S619-64DC88	75376		H201	6X4W	81349	5-2	V101
S619-64DC88	75376		H202	6005-6AQ5W	81349	5-2	V104
TS102U02	81350		E105	7057	83315	7-1	P101
TS102U03	81350		E102	8108121	72619		
TS102U03	81350		E103	955	81349	7-2	V201
TS102U03	81350		E104	9758-1-2	71400		
T154D7186	81849	1-2	Z202				

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USNG: None

USAR: None

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

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