

DEPARTMENT OF THE ARMY TECHNICAL MANUAL
ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL
SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL
TOOLS LISTS (INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
RACK ELECTRICAL EQUIPMENT MT-1579/G
FSN 5830-327-5066

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*This manual supersedes TM 11-5830-225-15P, 7 October 1960 including C1, 5 April 1961.

SECTION I INTRODUCTION

1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational, direct support, general support, and depot maintenance of the MT-1579/G. The PCCN for the MT-1579/G is GCMACL for all models.

1-2. General

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

- a. *Prescribed Load Allocation (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. *Repair Parts List-Section V* A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level.
- e. *Special Tools, Test and Support Equipment-Section VI.* Not applicable.
- f. *Index-Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number-Section VII.* A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphabetic sequence, of all reference numbers 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 found in the tabular list.

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

Code	Explanation
	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.
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 on 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.

Code	Explanation
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.

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.

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 com-

Code	Application/Explanation
	plete 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.
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--

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).
	<i>b. Federal Stock Number.</i> Indicates the Federal stock number assigned to the item and will be used requisitioning purposes.
	<i>C Description.</i> 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 Manu-

facturer (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 70842.

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 Allowances.

(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-CW, Fort Monmouth, NJ 07703.

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

g. 30-Day DS/GS Maintenance Allowances.

NOTE

Allowances in GS column are for GS maintenance only.

(1) The repair parts indicated by asterisk entries in separate allowance columns for DS and GS represent those authorized for use at that category of maintenance to be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Allowance quantities are indicated in the special tool lists section for special tools, TMDE, and other support equipment.

h. 1-Year Allowances Per 100 Equipments / Contingency Planning. Purposes. Column intentionally left blank.

i. Depot Maintenance Allowance Per 100 Equipments. This column indicates opposite the first appearance of each item the total quantity authorized for depot maintenance of 100 equipments.

j. Illustration.

(1) Figure number Not applicable.'

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

1-4. Special Information

a. Usable on codes are included in column 3. Un- _ coded items are applicable to all models. Identification of the usable on codes used in this publication are-

Code	Used on
AOR	MT-1579/G

b. The following publication pertains to the MT1579/G and its components:

TM 11-5116 Intercommunication Systems Control Center-

1-5. Location of Repair Parts

a. This manual contains one cross-reference index (sec VII) 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 (1) and (2) below.

(1) Refer to the index of Federal stock numbers (sec VII), 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 V) and locate the figure number (col 7a-20P, 10a-34P) and item number or reference designation (col 7b20P, .10b-34P) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b-20P and 10a and 10b-34P, of the repair parts list (sec III and V) until the item is located.

d. When the FSN, reference number, figure number, and item number are not known, scrutinize column 3 of the repair parts list (sec III and V), 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-MACW, Fort Monmouth, NJ 07703.

(Next printed page is 6.)

SECTION III

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION				(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15 DAY ORGAIZATIONAL MAINTENANCE				(7) ILLUSTRATION					
								(a)		(b)		(c)		(d)		FIGURE NO.	ITEM NO/
								1-5	6-20	21-50	51-100						
PAOZZ	5995-752-2118	CABLE ASSEMBLY, POWER, ELECTRICAL COND APPROX 5 FT 8 IN LG O/A SMC195528 (800631)	WI	2		EA	1	*	*	*	*		W1				
PAOZZ	5995-729-9263	CABLE ASSEMBLY, POWER, ELECTRICAL COND APPROX 4 FT LG O/A SM8195528GR11 (800631)	W2	2		EA	1	*	*	*	*		W2				
PAOZZ	5935-806-0360	CONNECTOR, PLUG, ELECTRICAL STRAIGHT SM8195793 (80063)	P1	2	MALE CONT	EA	5	*	*	*	*		P1				
P4OZZ	5935-806-0360	CONNECTOR, PLUG, ELECTRICAL STRAIGHT SMB195793 (800631)	P2	2	MALE CONT	EA	REF	*	*	*	*		P2				
PAOZZ	5935-806-0360	CONNECTOR, PLUG, ELECTRICAL STRAIGHT SMB195793 (800631)	P3	2	MALE CONT	EA	REF	*	*	*	*		P3				
PAOZZ	5935-806-0360	CONNECTOR, PLUG, ELECTRICAL STRAIGHT SMB195793 (800631)	P4	2	MALE CONT	EA	REF	*	*	*	*		P4				
PAOZZ	5935-806-0360	CONNECTOR, PLUG, ELECTRICAL STRAIGHT SMB195793 (800631)	P5	2 MALE CONT	EA	REF	*	*	*	*		P5				
PAOZZ	5935-804-5810	CONNECTOR, RECEPTACLE, ELECTRICAL FEMALE CONT STRAIGHT SM8195792 (80063)	J1	2		EA	5	*	*	*	*		J1				
PAOZZ	5935-804-5810	CONNECTOR, RECEPTACLE, ELECTRICAL FFEMALE CONT STRAIGHT SMB195792 (80063)	J2	2		EA	REF	*	*	*	*		J2				
PAOZZ	5935-804-5810	CONNECTOR, RECEPTACLE, ELECTRICAL FFEMALE CONT STRAIGHT SMB195792 (80063)	J3	2		EA	REF	*	*	*	*		J3				
PAOZZ	5935-804-5810	CONNECTOR, RECEPTACLE, ELECTRICAL FEMALE CONT STRAIGHT SMB195792 (80063)	J4	2		EA	REF	*	*	*	*		J4				
PAOZZ	5935-804-5810	CONNECTOR, RECEPTACLE, ELECTRICAL FFEMALE CONT STRAIGHT SM8195792 (80063)	J5	2		EA	REF	*	*	*	*		J5				
PAOZZ	5935-804-5811	CONNECTOR, RECEPTACLE, ELECTRICAL FFEMALE CONT STRAIGHT 195798 (80063)	J6	2		EA	1	*	*	*	*		J6				
PAOZZ	6240-186-3264	LAMP, INCANDESCENT OS1 120V, 40W SM0195211-1 (80063)				EA	2	*	*	*	*		DS1				
PAOZZ	6240-186-3264	LAMP, INCANDESCENT OS2 120V, 40W SM0195211-1 (800631)				EA	REF	*	*	*	*		DS2				
PAOZZ	6250-818-1784	LAMPHOLDER E1 ACCOM 2 NED SCREW BASE LAMPS 59A3965 (07321)				EA	2	*	*	*	*		E1				
PAOZZ	6250-818-1784	LAMPHOLDER E2 ACCOM 2 MED SCREW BASE LAMPS 5943965 (07321)				EA	REF	*	*	*	*		E2				
PAOZZ	5930-050-2704	SWITCH. TOGGLE S1 DPST ST52K (813501)				EA	1	*	*	*	*		S1				

SECTION V

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30 DAY DS MAINT ALLOWANCE			(7) 30 DAY GS MAINT ALLOWANCE			(8) 1-YR ALW PER 100 EQUIP EQUIP	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATION	
					(a)	(b)	(c)	(a)	(b)	(c)			(a)	(b)
					1-20	21-50	51-100	1-20	21-50	51-100 CNTG CY			FIGURE NO.	ITEM NO/
PAOZZ 5995-752-2118		CABLE ASSEMBLY, POWER, ELECTRICAL 2 COND APPROX 5 FT 8 IN LG C/A SMC195528 (80063)	WI.....	EA	1	*	*	*	*	*	*	5		W1
PAOZZ 5995-729-9263		CABLE ASSEMBLY, POWER, ELECTRICAL 2 COND APPROX 4 FT LG O/A SMB195528GR11 (80063)	W2.....	EA	1	*	*	*	*	*	*	5		W2
PAOZZ 5935-806-0360		CONNECTOR, PLUG, ELECTRICAL CONT STRAIGHT SMB195793 (80063)	P1 2 MALE	EA	5	*	*	*	*	*	*	3		P1
PAOZZ 5935-806-0360		CONNECTOR, PLUG, ELECTRICAL CONT STRAIGHT SMB195793 (80063)	P2 2 MALE	EA	REF	*	*	*	*	*	*			P2
PAOZZ 5935-806-0360		CONNECTOR, PLUG, ELECTRICAL CONT STRAIGHT SMB195793 (80063)	P3 2 MALE	EA	REF	*	*	*	*	*	*			P3
PAOZZ 5935-806-0360		CONNECTOR, PLUG, ELECTRICAL CONT STRAIGHT SMB195793 (80063)	P4 2 MALE	EA	REF	*	*	*	*	*	*			4
PAOZZ 5935-806-0360		CONNECTOR, PLUG, ELECTRICAL CONT STRAIGHT SMB195793 (80063)	P5 2 MALE	EA	REF	*	*	*	*	*	*			P5
PAOZZ 5935-804-5810		CONNECTOR, RECEPTACLE, ELECTRICAL 2 FEMALE CONT STRAIGHT SMB195792 (80063)	J1.....	EA	5	*	*	*	*	*	*	3		J1
PAOZZ 5935-804-5810		CONNECTOR, RECEPTACLE, ELECTRICAL 2 FEMALE CONT STRAIGHT SMB195792 (80063)	J2.....	EA	REF	*	*	*	*	*	*			J2
PAOZZ 5935-804-5810		CONNECTOR, RECEPTACLE, ELECTRICAL 2 FEMALE CONT STRAIGHT SMB195792 (80063)	J3.....	EA	REF	*	*	*	*	*	*			J3
PAOZZ 5935-804-5810		CONNECTOR, RECEPTACLE, ELECTRICAL 2 FEMALE CONT STRAIGHT SMB195792 (80063)	J4.....	EA	REF	*	*	*	*	*	*			J4
PAOZZ 5935-804-5810		CONNECTOR, RECEPTACLE, ELECTRICAL 2 FEMALE CONT STRAIGHT SMB195792 (80063)	J5.....	EA	REF	*	*	*	*	*	*			J5
PAOZZ 5935-804-5811		CONNECTOR, RECEPTACLE, ELECTRICAL 2 FEMALE CONT STRAIGHT 195798 (80063)	J6.....	EA	1	*	*	*	*	*	*	3		J6
PAOZZ 6240-186-3264		LAMP, INCANDESCENT DS1 120V, 40W SMD195211-1 (80063)		EA	2	*	*	*	*	*	*	50		DS1
PAOZZ 6240-186-3264		LAMP, INCANDESCENT OS2 120V, 40W SMD19521-1 (80063)		EA	REF	*	*	*	*	*	*			DS2
PAOZZ 6250-818-1784		LAMPHOLDER EI ACCOM 2 MED SCREW BASE LAMPS 59A3965 (073211)		EA	2	*	*	*	*	*	*	5		E1
PAOZZ 6250-818-1784		LAMPHOLDER EZ ACCOM 2 MED SCREW BASE LAMPS 59A3965 (07321)		EA	REF	*	*	*	*	*	*			E2
PAOZZ 5930-050-2704		SWITCH, TOGGLE S1 DPST ST52K (813501 7)		EA	1	*	*	*	*	*	*	5		S1

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

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5930-050-2704		S1	5935-806-0360		P3
5935-804-5810		J1	5935-806-0360		P4
5935-804-5810		J2	5935-806-0360		P5
5935-804-5810		J3	5995-729-9Z63		W2
5935-804-5810		J4	5995-752-2118		WI
5935-804-5810		J5	6240-186-3264		DSI
5935-804-5811		J6	6240-186-3264		DS2
5935-806-0360		P1	6250-818-1784		E1
5935-806-0360		P2	6250-818-1784		E2

	REFERENCE NO.	NFR CODE	FIG. NO.	ITEM NO.		REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.
SM8195528GR11		80063	W2	SM8195793			80063		P4
SM8195792		80063	J1	SM8195793			80063		P5
SMB195792		80063	J2	SMC195528			80063		WI
SMR195792		80063	J3	SN0195211-1			80063		DSI
SM8195792		80063	J4	SM0195211-1			80063		OSZ
SMB195792		80063	J5	ST52K			81350		51
SM8195793		80063	P1	195798			80063		J6
SMB195793		80063	P2	59A3965			07321		E1
SM8195793		80063	P3	59A3965			07321		E2

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NG: None

USAR: None

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

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