

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

Held and Depot Maintenance Repair Parts and Special Tools List LIGHT ASSEMBLY, ELECTRIC MX-1291/PAQ

Headquarters, Department of the Army, Washington 25, D. C.

25 January 1960

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This copy is a reprint which includes current pages from Change 1.

SECTION I INTRODUCTION

1. Scope

a. General. This manual lists the quantities of repair parts for third and fourth echelon field maintenance and is a basis for requisitioning authorized parts. It is also a guide for fifth echelon in establishing initial levels of spare parts.

b. Columns.

(1) *Source, maintenance, and recoverability code.* Source, maintenance, and recoverability codes indicate the technical service responsible for supply, the echelons where an item is stocked,

echelons where an item is installed or repaired, and whether an item is repairable or salvageable. The source code column is as follows:

(a) *Column A.* The numbers in this column indicate the technical service responsible for supply. AR 310-2 defines the basic numbers used to identify the technical services. The number 11 (the Signal basic number) is not used, if the part is supplied by the Signal Corps the column is blank.

*This manual together with TM 11-6696-201-12P, 25 January 1960, supersedes DA Supply Manual SIG 7 & 8 MX-1291/PAQ 1 October 1956.

- (b) *Column B.* This indicates the point within the maintenance system that the part is available. Symbols used are: P indicates that the repair part is a high mortality part; procured by technical services, stocked in and supplied from the technical service depot system, and authorized for use at indicated maintenance echelons. P1 indicates that the repair part is a low mortality part; procured, by technical services, stocked only in and supplied from technical service key depots, and authorized for installation at indicated maintenance echelons.
- (c) *Column C.* This column indicates the lowest maintenance echelon authorized to install the part.
 O—Organizational maintenance (1st and 2d echelons).
 F—Field maintenance (3d echelon).
 H—Field maintenance (4th echelon).
 D—Depot maintenance (5th echelon).
- (d) *Column D.* Not used.
- (2) *Federal stock number.* The “Stock number” column lists the 11-digit Federal stock number. In the absence of a Federal stock number an interim number i.e. ††L8Ra41c-12, which appears in the description column indicates an applicable Federal Stock Number is in the process of assignment. The L number may be used in emergencies to identify items for emergency use.
- (3) *Designation by model.* Not used.
- (4) *Description.* Nomenclature or the standard item name and brief identifying data for each item is listed in this column. When requisitioning, enter the nomenclature and description on the requisition.
- (5) *Unit of issue.* The unit of issue is the supply term applied to the smallest quantity by which the individual item is counted for procurement, storage, requisitioning, allowances, and issue purposes.
- (6) *Expendability.* Expendable items are indicated by the letter X; nonexpendable items are indicated by NX.
- (7) *Quantity incorporated in unit.* This column lists the quantity of each particular part found in a given assembly, component, or equipment.
- (8) *Field (third echelon).* The numbers in these columns indicate quantities of repair parts authorized for initial stockage for use in the third echelon maintenance and in supply support to second echelon. Quantities are based on 100 equipments to be maintained for a 15-day period.
- (9) *Field (fourth echelon).* The numbers in this column indicate quantities of repair parts authorized for initial stockage for use in fourth echelon maintenance. The quantities are based on 100 equipments to be maintained for a 15-day period.
- (10) *Depot (fifth echelon).* The numbers in this column indicate quantities of repair parts authorized for depot maintenance and for initial stockage for maintenance, and for supply support to lower echelons. The entries are based on the quantity required for rebuild of 100 equipments.
- (11) *Illustration.* The item No. column lists the reference designations that appear on the part in the equipment. These same designations are also used on any illustrations of the equipment.

2. Parts for Maintenance

When this equipment is used by signal service organizations organic to the theater headquarters or communication zones to provide theater communications, those repair parts authorized up to and including fourth echelon are authorized for stockage by the organization operating this equipment.

3. Requisitioning Information

a. The allowance factors are based on 100 equipments. In order to determine the number of parts authorized for initial stockage for the specific number of equipments supported, the following formula shall be used and carried out to two decimal places:

TECHNICAL MANUAL

Field and Depot Maintenance Repair Parts and Special Tools List
LIGHT ASSEMBLY, ELECTRIC MX-1291/PAQ

TM 11-6695-201-35P }
CHANGES No. 1 }

HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON 25, D. C., 20 December 1960

TM 11-6695-201-35P, 25 January 1960, is changed as follows:

Page 2, Paragraph 1 b (2), (Superseded)

(2) *Federal stock number.* This column lists the n-digit Federal stock number.

Page 4, delete L Number ††L9Wc33-1 column 4; add Federal stock number 6695-715-6120, column 2.

By Order of *Wilber M. Brucker*, Secretary of the Army:

G. H. DECKER,
General, United States Army,
Chief of Staff

Official:

R. V. LEE,
Major General, United States Army,
The Adjutant General.

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To be distributed in accordance with DA Form 12-7 requirements for TM 11 Series (Uncl) plus the following formula:

USASA (2)	Units organized under following	
CNGB (1)	TOE's: (2 cy ea except as indc)	
Tech Stf, DA (1) except CSig0	11-7	11-587
(36)	11-16	11-592
DASA (6)	11-57	11-597
US ARADCOM (2)	11-97	
US ARADCOM Rgn. (2)	11-117	
MDW (1)	11-155	
Seventh US Army, (2)	11-500 (AA-AE) (4)	
EUSA (2)	11-557	

NG: None.

USAR: None.

For explanation of abbreviations used, see AR 320-50.

$$\text{Specific number of equipments supported} \\ \times \frac{\text{allowance factor}}{100} =$$

Number of parts authorized for initial stockage.

b. Fractional values obtained from above computation will be rounded to whole numbers as follows:

- (1) When the total number of parts authorized is less than 0.5, the quantity authorized shall be zero.
- (2) When the total number of parts authorized is between 0.5 and 1.0, the quantity authorized will be one.
- (3) For all values above one, fractional values below 0.5 will revert to lower whole number and fractional value 0.5 and above will advance to the next higher whole number.
- (4) When the allowance factor listed in the third echelon column is in parentheses, a quantity of one is authorized for initial stockage even though the computed quantity is less than -0.5.

c. The quantities determined in accordance with the above computation represent the initial stockage for a 15-day period.

4. Critical Items

A zero slash (Ø) in the description column indicates items that are expected to fail during the first year; also items that will make the equipment inoperative if they fail. (Do not confuse the symbol (Ø) with P and P1 source code symbols. P or P1 indicates mortality according to overall demand on the supply sys-

tem; (Ø) indicates relative mortality of items within this equipment.)

5. Other Service Stock Number

Other service items listed herein are authorized in accordance with AR 700-51.

6. Batteries

Dry batteries shown are used with the equipment but are not considered part of the equipment. They will not be preshipped automatically but are to be requisitioned in quantities necessary for the particular organization, in accordance with SB 11-6.

7. Additional Repair Parts

Additional items not expected to fail during the first year, but which may be required to perform authorized field maintenance in subsequent years are identified by an asterisk (*) and are to be requisitioned as required for immediate use only. Refer to AR 700-18.

8. References

a. A maintenance allocation chart showing all repair operations authorized to be performed by the respective echelons of maintenance is contained in TM 11-6695-201-12P.

b. Additional instructions concerning maintenance of this equipment are contained in TM 11-5542.

9. Comments or Suggestions

Any comments concerning omissions and discrepancies in this manual will be prepared on DA Form 2028 and forwarded direct to Commanding Officer, U. S. Army Signal Equipment Support Agency, Fort Monmouth, N. J.
ATTN : SIGFM/ES-ML.

SECTION II FUNCTIONAL PARTS LIST												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) (9)	(10)	(11)	(12)		
SOURCE							FIELD	DEPOT				
MAINTENANCE							15 DAYS	QUANTITY	ILLUSTRATIONS			
AND	FEDERAL	DESIGNATION					MAINTENANCE	REQUIRED				
RECOVERABILITY	STOCK NUMBER	BY	DESCRIPTION				ALLOWANCE	FOR REBUILD				
CODE		MODEL					PER 100	OF 100	FIGURE	ITEM		
				UNIT OF	EXPENDABILITY	QUANTITY	INCORPORATED	EQUIPS	NO	NO		
				ISSUE		IN UNIT	3RD 4TH	5TH				
A	B	C	D									
			LIGHT ASSEMBLY, ELECTRIC MX-1291/PAQ									
		6695-537-8948	LIGHT ASSEMBLY, ELECTRIC MX-1291/PAQ	EA	NX							
5	0	6250-377-0135	\$ BALLAST, LAMP: SIRCHIE FINGERPRINT LAB NO. 6621	EA	X	1	1	0.5	13		T1	
5	0	6250-283-9386	\$ BALLAST, LAMP: GE NO. 89G435	EA	X	1	1	0.5	13		T2	
	0	6135-125-5257	BATTERY BA-419/U: (REQUIRED FOR D-C OPERATION)	EA	X	1						
	0	6145-112-8623	CABLE, POWER, ELECTRICAL: 2 STRANDED NO. 18 AWG COND; 300 V; SPEC NO. 62, TYPE SJ MODIFIED (AUTHORIZED QUANTITY WILL BE MINIMUM OR A MULTIPLE OF FT IN USE)	FT	X	6	8	1	48		W201	
	0	5935-149-4013	CONNECTOR, PLUG, ELECTRICAL: HUBBELL PART NO. 7057	EA	X	1	1	0.5	8		P2	
	0	5935-149-3628	CONNECTOR, PLUG, ELECTRICAL: HUBBELL PART NO. 7461	EA	X	1	4	0.5	8		P1	
	0	5935-237-6663	CONNECTOR, PLUG, ELECTRICAL: EBY PART NO. 9706-3	EA	X	1	4	0.5	8		P3	
	0	5935-161-9653	CONNECTOR, RECEPTACLE, ELECTRICAL: HUBBELL PART NO. 7466	EA	X	1	4	0.5	8		J1	
	0	6695-392-8512	DOOR, CABINET, ELECTRICAL: SIRCHIE FINGERPRINT LAB PART NO. 6678	EA	X	1	*	1	6		A6	
5	0		FILTER, LIGHT, ULTRAVIOLET: CRAIG INSTRUMENT PART/DWG NO. B-13-1 (USED ON ORDER 9144-PP-59) ^L9WC33-1	EA	X	1	4	0.5	13		1	
	P1	0	6695-393-2155	FILTER, LIGHT, ULTRAVIOLET: SIRCHIE FINGERPRINT LAB PART NO. 6666 (USED ON ORDER 39192-P-52)	EA	X	1	4	0.5	13	1	
5	0	6240-151-7641	\$ LAMP, FLUORESCENT: SYLVANIA PROD PART NO. F-6T5/BLB	EA	X	1	4	0.5	20		I1	
5	0	6240-299-3404	\$ LAMP, MERCURY VAPOR: SYLVANIA PROD PART NO. G4T4/1	EA	X	1	4	0.5	20		I2	
5	0	6250-299-4253	LAMPHOLDER: HOLDERS FOR LAMP 11 SYLVANIA PROD PART NO. S-100	EA	X	2	4	0.5	14		J2	
	0	6695-377-0167	REFLECTOR, LIGHT: SIRCHIE FINGERPRINT LAB PART NO. 6680	EA	X	1	*	0.5	6		O2	
10	0	5120-277-9489	SCREWDRIVER TL-22	EA	X	1	*	0.5	4		H40	
	0	5935-246-5280	SOCKET, ELECTRON TUBE: AMPHENOL PART NO. 78-S4	EA	X	1	4	0.5	13		J203	
	0	5930-050-2708	SWITCH, TOGGLE: JAN TYPE NO. ST52P	EA	X	1	4	0.5	10		S1	
	0	5930-666-0260	SWITCH, TOGGLE: JAN TYPE NO. ST42C	EA	X	2	4	0.5	17		S2,S3	

By order of Wiber M. Brucker, Secretary of the Army:

L. L. LEMNITZER,
General, United States Army,
Chief of Staff.

Official:

R. V. LEE,
Major General, United States Army,
The Adjutant General .

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11-117 (2)
11-155 (2)
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NG: None.

USAR: None.

For explanation of abbreviations used, see AR 320-50.

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