

D E P A R T M E N T O F T H E A R M Y T E C H N I C A L M A N U A L

ORGANIZATIONAL MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
STROBOSCOPE TS-805B/U
(NSN 6625-00-752-7992)

Headquarters, Department of the Army, Washington, DC
9 December 1976

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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In either case a reply will be furnished direct to you.

Current as of 15 August 1976

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* This manual supersedes that portion of TM 11-6625-396-20P, 14 March 1975, as pertains to Stroboscope TS-805B/U.

SECTION I INTRODUCTION

1. Scope

This manual lists repair parts required for performance of organizational maintenance of the TS-805B/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 parts. 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. Federal 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.	
--	--

(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 the following level 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 the following maintenance code:

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

Z - Nonrepairable. 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>Code</i>	<i>Definition</i>
-------------	-------------------

Z - Nonrepairable 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 5-digit numeric code listed in SB 708-42 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 illustrations in this manual are identical to those published in TM 11-6625-396-34P. Only those parts assigned the third position SMR maintenance code "0" 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.

b. The following publication pertains to the TS-805B/U and its components:

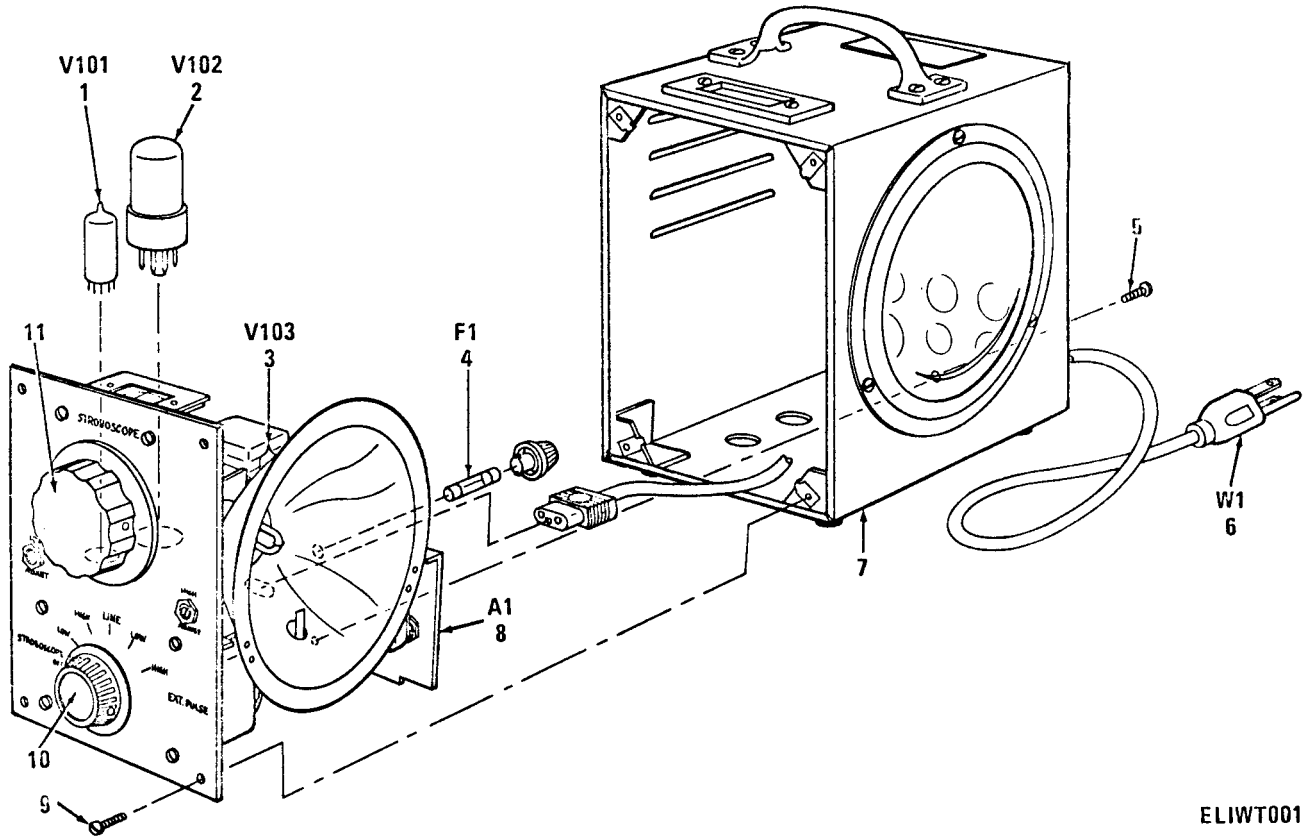
TM 11-6625-396-12, Stroboscope TS-805B/U and TS-805D/U

5. How to Locate Repair Parts

No National Stock Number or Part Number Index is provided. To locate a repair part, scrutinize the repair parts list.

6. Abbreviations

(Not applicable)



ELIWT001

Figure 1. Stroboscope TS-805B/U.

SECTION II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)			DESCRIPTION	U/A	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM			
GROUP: 00 STROBOSCOPETS-805B/U								
1	4	PAQZZ	5920-00-280-834	312001	7591	FUSE, CARTRIDGE	EA	1
1	6	PAQZZ	6625-00-445-994	51A504	8349	CABLE ASSEMBLY, POWER ELECTRICAL	EA	1
1	10	PAQZZ	5355-00-453-6690	RB81-7	8679	KNOB	EA	1
1	11	PAQZZ		RB811	8679	KNOB	EA	1



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DATE 10 July 1975

PUBLICATION NUMBER

TM 11-5840-340-12

DATE

23 Jan 74

TITLE

Radar Set AN/SPS-76

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
2-25	2-28		
3-10	3-3		3-1
5-6	5-8		
		F03	

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Recommend that the installation antenna alignment procedure be changed through out to specify a 2° IFF antenna lag rather than 1°.

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 20 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

Item 5, Function column. Change "2 db" to "3db."

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

Add new step f.1 to read, "Replace cover plate removed in step e.1, above."

REASON: To replace the cover plate.

Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."

REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SSG I. M. DeSpirito 999-1776

SIGN HERE:

SSG I. M. DeSpirito

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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SHAD (3)	57
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NG: None

USAR: None

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

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