TM 9-4910-695-14&P

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST

FOR

LIGHT, IGNITION MKB MANUFACTURING CORPORATION (NSN 4910-00-255-1449)

HEADQUARTERS, DEPARTMENT OF THE ARMY

APRIL 1981

Technical Manual
No. 9-4910-695-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, *24 April 1981*

OPERATION'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST FOR LIGHT, IGNITION (NSN 4910-00-255-1449)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished directly to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this ignition light is issued.

Manufactured by: MKB Manufacturing Corporation
92 Brook Avenue
Deer Park, NY 11729

Procured under Contract No. DAAA09-78-C-4019

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

INSTRUCTIONS FOR REQUISITIONING PARTS

NOT IDENTIFIED BY NSN

When requisitioning parts not identified by National Stock Number, it is mandatory that the following information be furnished the supply officer.

1 - Manufacturer's Federal Supply Code Number - 26584

2 - Manufacturer's Part Number exactly as listed herein.

3 - Nomenclature exactly as listed herein, including dimensions, if necessary.

4 - Manufacturer's Model Number -

5 - Manufacturer's Serial Number (End Item)

6 - Any other information such as Type, Frame Number, and Electrical Characteristics, if applicable.

7 - If DD Form 1348 is used, fill in all blocks except 4, 5, 6, and Remarks field in accordance with AR 725-50.

Complete Form as Follows:

(a) In blocks 4, 5, 6, list manufacturer's Federal Supply Code Number - 26584 followed by a colon and manufacturer's Part Number for the repair part.

(b) Complete Remarks field as follows:

Noun: (nomenclature of repair part)
For: NSN: 4910-00-255-1449
Manufacturer: MKB Manufacturing Corporation

Model:
Serial: (of end item)

Any other pertinent information such as Frame Number, Type, Dimensions, etc.

LIGHT,

IGNITION TIMING,

MAGNETO

Description: The timing light is for use in synchronizing two magnetos in a dual magneto ignition system. The timing light is also used to indicate the exact moment the magneto points open.

The timing light unit is composed of one main unit with a detachable cover.

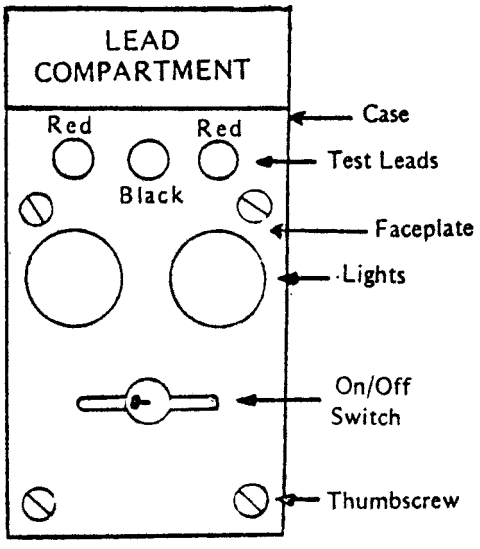

Fig. 1

OPERATING INSTRUCTIONS

A. Preparations:

1. Remove the four cover screws (see Fig. 1) and lift faceplate from case assembly.

2. Note polarity indications on battery holder and install three D batteries in correct positions.

3. Check operation by turning switch to On position. BOTH lights should light and you should hear a buzzing sound from the unit.

4. Touch all three alligator clips together. Both lights should go out.

5. Reinstall cover and the four screws.