Larson Electronics LLC WWW.MAGNALIGHT.COM
9419 E US HWY 175, Kemp, TX 75143 - P: 903-498-3363 F: 903-498-3364 E: sales@magnalight.com

INTRODUCTION

This document covers the operation, maintenance, and re-lamping procedures for an EP326 hazardous locations work light. This light is suitable for the following hazardous locations only:

Class I, Divisions 1 & 2, Groups C & D
Class II, Divisions 1 & 2, Groups E, F, and G
Class III, Divisions 1 & 2

Refer to the National Electric Code (NEC) NFPA 70 for more information on hazardous locations.

WARRANTIES

This product has a one-year limited warranty from any factory defects on parts and labor.

Please record your serial number and retain this paperwork for future reference.

Serial #:_____

OPERATIONS AND USE

WARNING:
This light is not supplied with a plug. If the light is used in a hazardous location environment, it must be terminated with a suitable plug or hard wired into an appropriate junction box rated for the environment it is to be used in. Comply with all NEC Rules and Regulations when terminating light with a plug. Failure to comply with this could result in an explosion, electrical shock, or personal injury.

CAUTION:
Follow manufacturer's instructions for attaching plug to light ensuring all wires are properly terminated and grounded.

CAUTION:
When hanging the light using the hook, use an appropriate entity capable of holding at least 6 lbs. (2.72 kg).

MAINTENANCE:

WARNING: It is very important that only *qualified* personnel perform maintenance and repair operations in a NON-HAZARDOUS area. The integrity of the component assembly and flame-path must be maintained in order to provide adequate protection for personnel using this light. Comply with all NEC Rules and Regulations when performing maintenance operations. Failure to comply with these could result in an explosion, electrical shock, or personal injury.

WARNING: When performing maintenance operations disconnect power. Failure to do so could result in electrical shock.

Make a thorough visual inspection of the work light for any chips, cracks, or burns within the glass, aluminum handle, and cage. Check the entire length of the cord for any frays or visible wires that could affect the performance of the light. Check that all the rubber bumpers are integral with the aluminum. If there are any frays in the cord, cracks in the glass or disturbances in the aluminum outside of normal wear, remove the light from service immediately and contact KH Industries.

CAUTION: Clean external parts of work light only; internal parts do not require cleaning. Applying solvent could result in damage to the electrical equipment.

The **light** can be cleaned applying Simple Green® or an equivalent cleanser and wiping any dust or grease off with a rag. After cleaning process is performed, allow adequate time for light to completely dry before placing in operation.

Larson Electronics LLC WWW.MAGNALIGHT.COM
9419 E US HWY 175, Kemp, TX 75143 - P: 903-498-3363 F: 903-498-3364 E: sales@magnalight.com

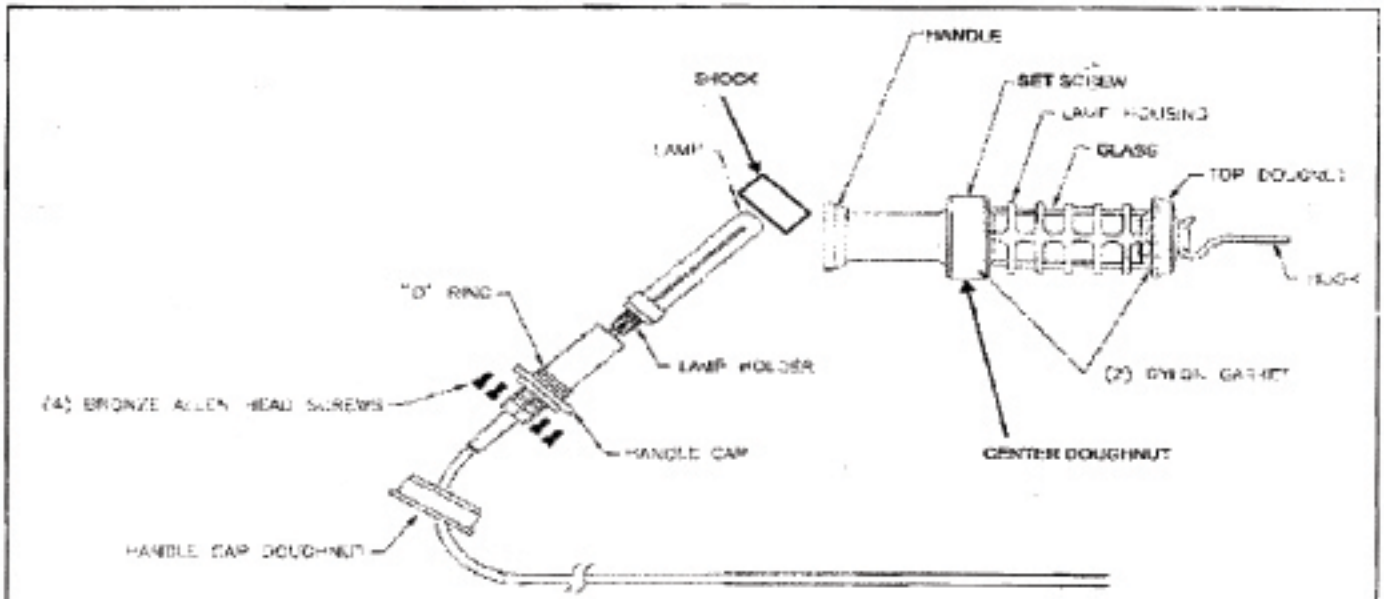

FIG. 1 EXPLODED VIEW

WARNING: When relamping work light, disconnect power. Failure to do so could result in electrical shock.

1. Loosen strain relief from handle end of light and slide down the cord.
2. Loosen and remove the four brass Allen Head screws using the appropriate tool.
3. Slide handle cap doughnut off the end of the handle to gain access to the handle cap. With a slow rocking motion, slide the handle cap and lamp-head assembly from the handle and cage casing assembly.
4. Remove the shock from the end of the lamp and set aside. Grasping lamp holder in one hand and lamp in other hand, remove the lamp with a slow rocking motion and discard.
5. Replace lamp with a Sylvania Dul D/E 26W CF26DD/E/841 or Dulux D CF26DD/841 lamp or equivalent. Slide shock on the end of the lamp. Slide lamp into lamp holder assembly until a click is heard.
6. Make a visual inspection of the "O" Ring.
7. Slide the lamp assembly back into handle and cage assembly, aligning the four screw holds. Tighten brass screws and torque to 35lbf-ft (47.5N-m). Slide handle cap doughnut ontc handle cap, align holes with screws. Slide strain-relief into place and tighten to a snug fit.
8. Test light in a non-hazardous location before using in a hazardous location to ensure proper operation of lamp.