Spare Battery for RL-85 Series Halogen Spotlights Installation Instructions

Thank you for your purchase of the RL-85-BATT from Larson Electronics.

WARNING

Standard Warning (General)

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
CRITICAL SAFETY INSTRUCTIONS:

- RISK OF FIRE OR ELECTRIC SHOCK. BATTERY INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE FIXTURE'S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

WARNING: MAKE SURE POWER IS TURNED **OFF** BEFORE STARTING THE INSTALLATION OR PERFORMING ANY MAINTENANCE.

RISK OF FIRE/ELECTRIC SHOCK – DISCONNECT POWER BEFORE INSTALLING OR SERVICING.
RISK OF PERSONAL INJURY – FIXTURE MAY BECOME UNSTABLE OR DAMAGED IF NOT INSTALLED PROPERLY.
RISK OF BURN – ALLOW FIXTURE TO COOL BEFORE SERVICING.

ADDITIONAL WARNINGS (RECHARGEABLE LIGHTS)

Never place spotlight face down when light is on. Doing so could burn/ignite surfaces such as seats, carpeting, etc. and cause major property damage. Always turn spotlight off when not in use.

Avoid direct eye exposure the light source when light is on. **DO NOT** shine light into the face of someone else.
DO NOT touch lens of light when on or recently on. The lens/cooling fins will be hot after long periods.
DO NOT allow children to handle or operate this light.
DO NOT use this product for other than its intended use.
DO NOT operate in close proximity of combustible or flammable materials.
DO NOT attempt to operate this light if cord, plug, battery, lens or any part of the light is damaged or corroded.

SAVE THESE INSTRUCTIONS

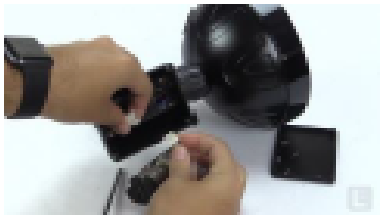
INSTALLATION

Replacing the battery in the RL-85 spotlight is an easy process that is best completed at a workbench as opposed to in the field. Follow the steps below to successfully replace the battery in the RL-85 spotlight

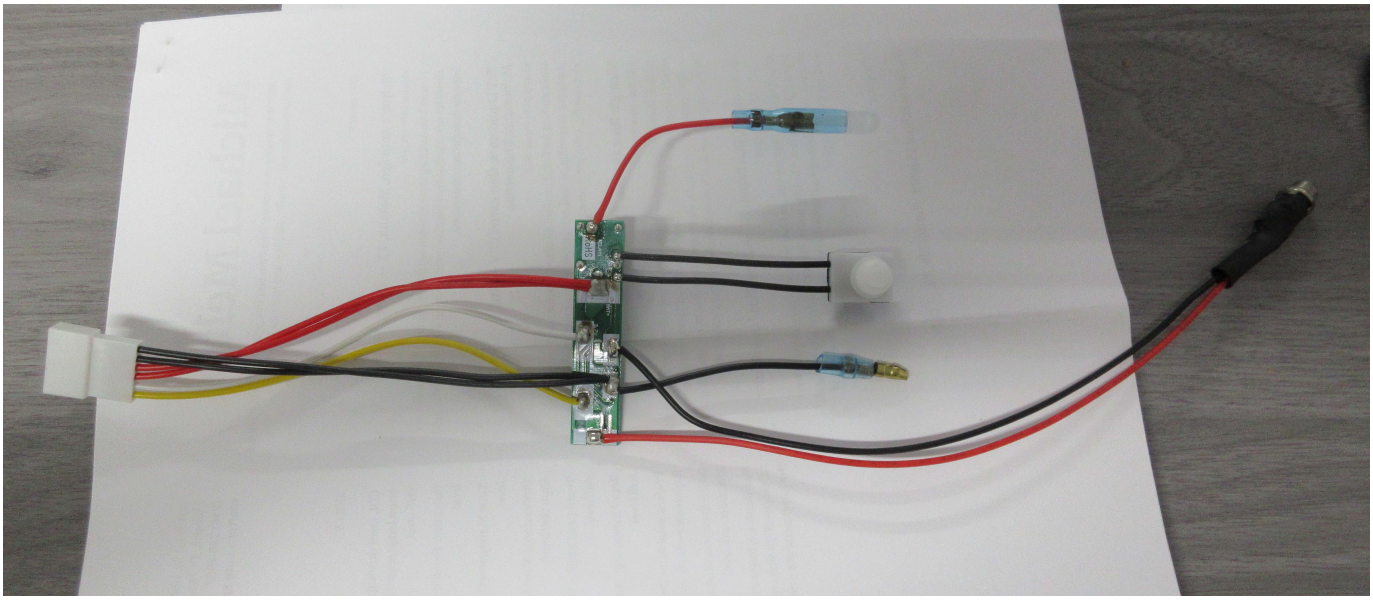
1. Remove the 4 screws holding the top cover in place on the rear of the main housing. This is the squared section. The 4 screws can be seen when you turn the light upside down. Once the top cover is removed, you will see the battery pack.

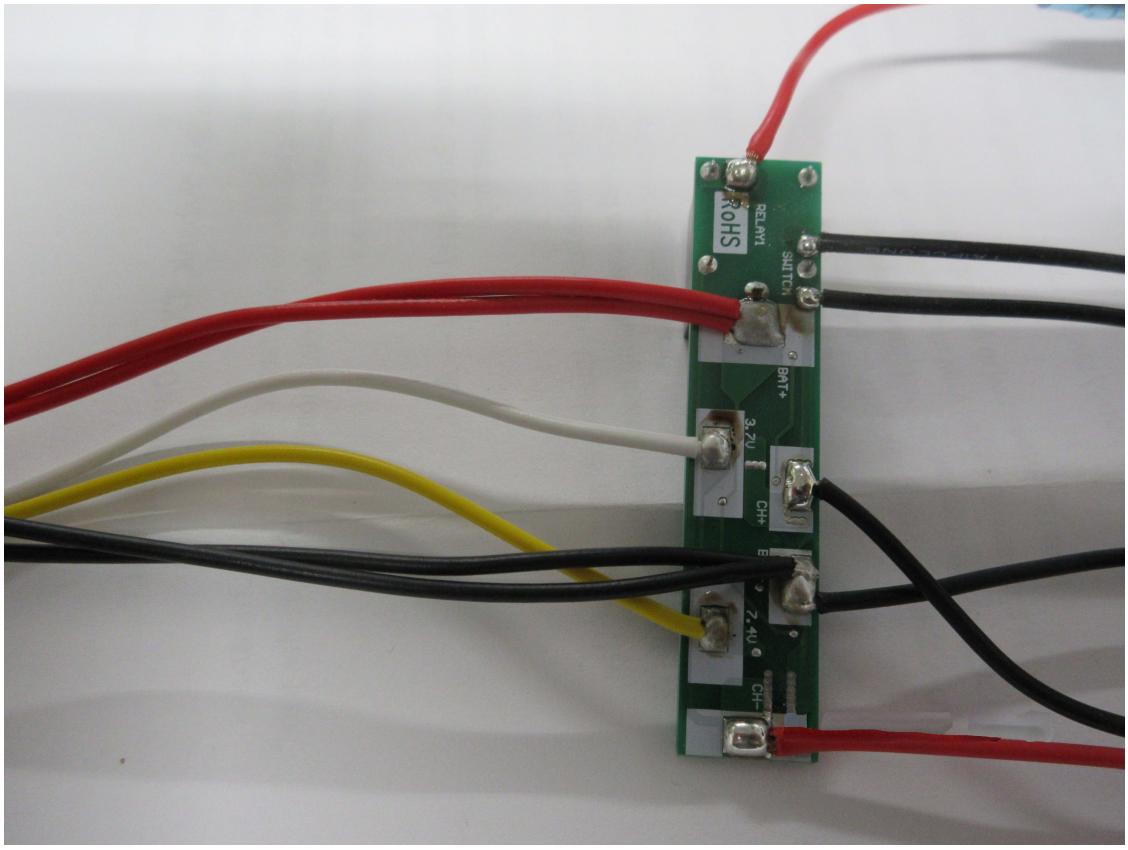


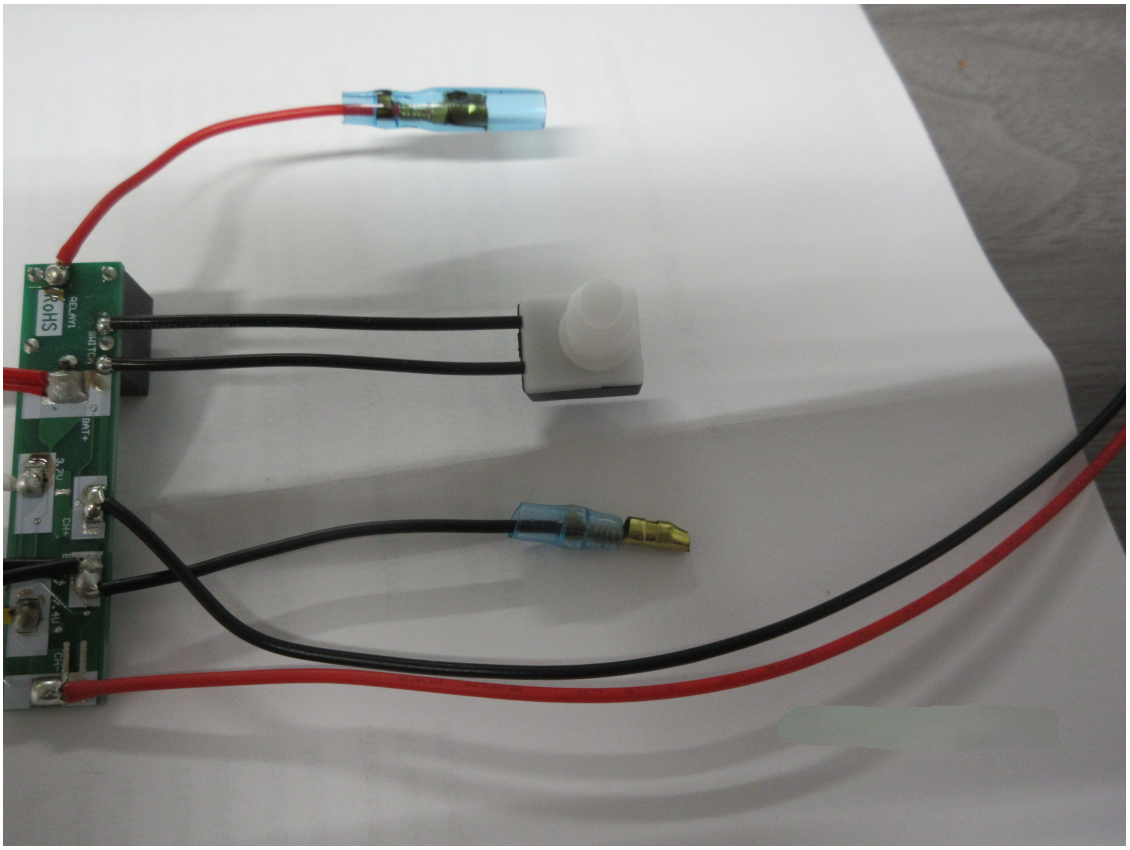
2. The original battery pack consists of 6 cells welded together. A single Molex style connector brings power from the battery to the bulb. Disconnect this connector and remove the battery pack as a whole. Double sided tape secures the battery pack. Be sure that if the tape has lost its adhesion qualities that you replace it when replacing the battery pack.

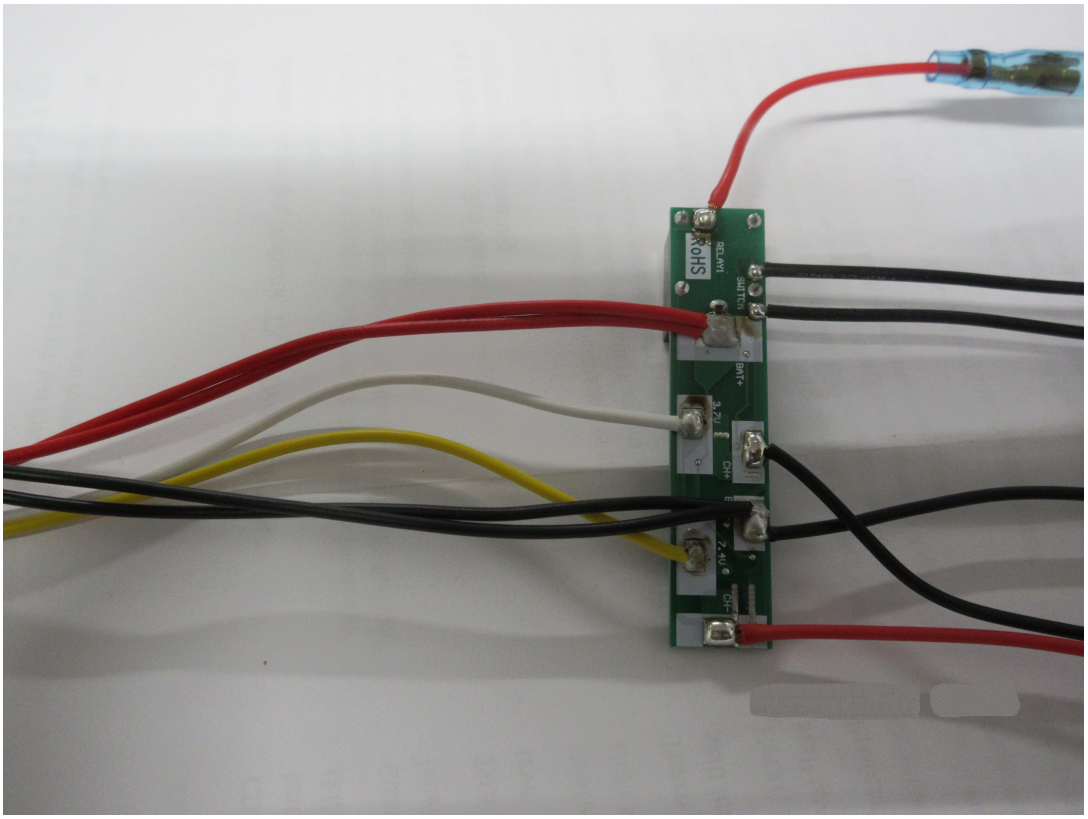


3. Solder six connecting wires on the new battery pack (RL-85-BATT) into place so that it matches the images below.




RoHS
RELAY1
SWITCH
BAT+
3.7V
CH+
7.4V
CH-


RoHS



4. Plug the wall outlet AC charger into the light and power it on. The light should illuminate.

5. Unplug the wall outlet charger and the light should remain turned on. If not, leave the power cord plugged in to charge the battery and repeat this process.

6. Replace the top cover. Secure the 4 top cover screws.

MAINTENANCE

Caution: To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.

Warning: No user serviceable parts inside of fixture. Risk of electric shock. Removal of the lens will void the warranty.

1. Perform visual, mechanical, and electrical inspections on a regular basis. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.
2. The lens should be cleaned periodically as needed to ensure continued photometric performance. Clean the lens with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner.
3. Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn-out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The RL-85-BATT is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.