

RL-85 & RUL-85 BULB REPLACEMENT**WATCH THE VIDEO GUIDE ▶ goo.gl/pOIAZd**

To replace the bulb on an RL-85 or RUL-85 series handheld rechargeable spotlight, it will need to be disassembled as follows.

1. To replace the bulb, you will need;
 - a. RL-85 or RUL-85 rechargeable spotlight
 - b. New replacement bulb [part no: HL-8X-SB]
 - c. Phillips screwdriver
 - d. Wall charger



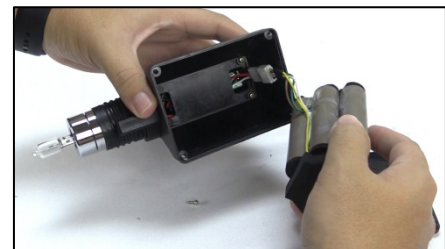
2. Remove the lens from the body by turning it counter-clockwise until it is no longer attached.



3. Remove the top cover on the rear of the main housing. This is held by 4 screws on the bottom.



4. Gently pull the battery pack out of the light. Disconnect the battery by unlatching the molex style connector and removing the battery pack as a whole.



5. Remove the 4 screws holding the battery compartment and remove it. This reveals the lights internals including the blue wire used to power the bulb.

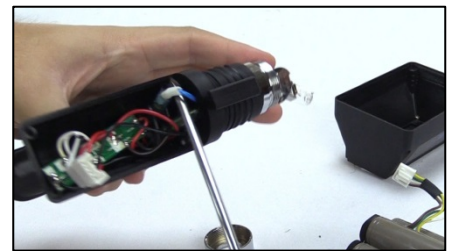


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6. Unscrew the support ring holding the bulb. This helps ensure you are disconnecting the correct wire later.



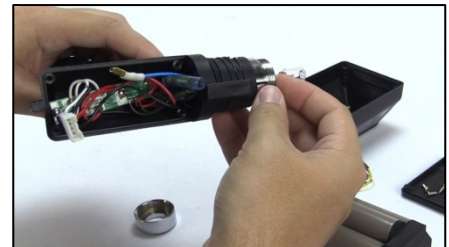
7. Locate the bullet connector attaching the bulb assembly. You may need to use a pair of pliers or a screwdriver to gently pull this out for easier access.



8. Detach the blue wire and remove the bulb assembly.



9. Place your new bulb in the light while running the blue wire through so it can be accessed from the back.

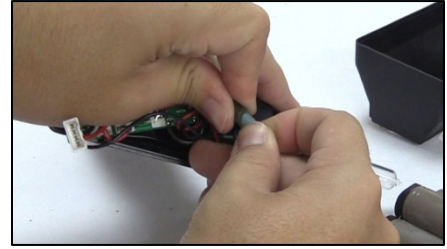


10. Replace the support ring to hold the new bulb. Ensure the bulb fits snug to keep its position during use. *Note: Minimize touching the bulb with bare skin as the oils could cause premature failure. Use alcohol to clean the bulb if necessary.*

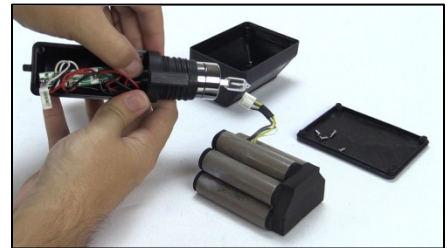


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- 11.** Connect the new bulb by pushing the blue wire into its bullet connector until it is secure.



- 12.** Tuck the wire connectors in so that the battery compartment will fit. Readjust the circuit board and any wires that may have moved.



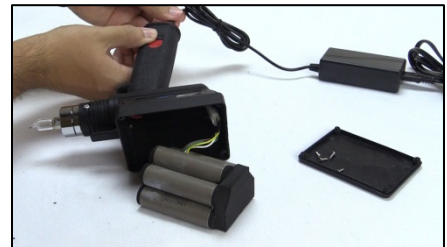
- 13.** Reattach the battery compartment using the 4 screws removed earlier.



- 14.** Reconnect the battery. The lights internal need to reset in order for the battery to work again.



- 15.** Plug in the wall charger and turn the light on. Once powered on, disconnect the wall charger and the light should remain powered on. If not, leave the power cord plugged in to charge the battery and repeat this process.



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16. Replace the battery pack.



17. Replace the top cover using the 4 screws removed earlier.



18. Reattach the lens with a clockwise rotation.



Once everything has been reassembled and the new bulb is working properly, your spotlight is ready for continued use.



Larson Electronics offers replacement batteries if your spotlights battery life begins to degrade.
Visit LarsonElectronics.com and search part number: **RL-85-BATT** for more information.

HL-85 BULB REPLACEMENT

To replace the bulb on an HL-85 series handheld spotlight, it will need to be disassembled as follows.

1. To replace the bulb, you will need;
 - a. HL-85 spotlight
 - b. New replacement bulb [part no: [HL-8X-SB](#)]
 - c. Phillips screwdriver



2. Remove the lens from the body by turning it counter-clockwise until it is no longer attached.



3. Remove the top cover on the rear of the main housing. This is held by 4 screws at the base.



4. Unscrew the support ring holding the bulb. This helps ensure you are disconnecting the correct wire later.



5. Locate the bullet connector attaching the bulb assembly. You may need to use a pair of pliers or a screwdriver to gently pull this out for easier access.



6. Detach the blue wire and remove the bulb assembly.



7. Place your new bulb in the light while running the blue wire through so it can be accessed from the back.



8. Replace the support ring to hold the new bulb. Ensure the bulb fits snug to keep its position during use. *Note: Refrain from touching the bulb with bare skin as the oils could cause premature bulb failure. Use alcohol to clean the bulb if necessary.*



9. Connect the new bulb by pushing the blue wire into its bullet connector until it is secure.



10. Tuck the wire connectors in so that the top cover will fit.



11. Replace the top cover using the 4 screws removed earlier.



12. Reattach the lens with a clockwise rotation until snug.



Once everything has been reassembled and the new bulb is working properly, your spotlight is ready for continued use.