Larson Electronics LLC **www.LarsonElectronics.com** **sales@larsonelectronics.com** 9419
E US HWY 175, Kemp, TX 75143 - P: (877) 348-9680 - F: (903) 498-3364

HUL-18-HID

POWER

This spotlight operates on either 12V or 24V DC power. Spotlight can be plugged into cigarette plug sockets, attached directly to 12 volt batteries, 24 V battery systems, etc. A single hot and ground wire brings power to the unit. Cords and other wiring means should route through the 2 pin Deutsch connectors. A single coil cord with cigarette plug terminated with a 2 pin Deutsch plug is provided.

BEAM ADJUSTMENT

- The lens/reflector assembly is on a center threaded post. Rotating the lens/reflector causes the beam to expand or contract. Counterclockwise rotation creates a wider flood. Clockwise rotation creates a narrower, longer spot beam.
- The lens/reflector assembly can be removed completely to change to the red lens or change the bulb.

BULB REPLACEMENT

1. Remove the lens/reflector assembly by rotating counterclockwise until fully unthreaded. Pull the assembly out away from the light to remove.
2. Unscrew the ring holding the bulb in place.
3. Remove the 4 screws holding the top cover in place. The screws are accessed from the underside.
4. Remove the top cover. Set the ballast aside. Remove the 4 screws at the base of the ballast box housing
5. Slide back the protective sheath and expose the bullet connectors for the 2 leads coming from the HID bulb. Once the wires are disconnected, you can remove the bulb from the housing.
6. Inserting the wire leads first, place the new bulb in the same position as the old bulb.
7. Reconnect the bullet connections.
8. Replace the 4 screws at the base of the ballast box.
9. Replace the ballast, positioning the wires in the same manner as when first opened.
10. Replace the 4 screws that hold the ballast box cover in place.
11. Replace chrome bulb holding ring.

TO CHANGE THE BALLAST/STARTER

1. Remove the 4 screws holding the top cover in place. The screws are accessed from the underside.

2. Remove the top cover. Set the ballast aside. Remove the 4 screws at the base of the ballast box housing.
3. The ballast and starter are hard wired together and must be replaced together. The ballast and starter are linked to the incoming power via bullet connectors. Detach the bullet connectors and

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9419 E US HWY 175, Kemp, TX 75143 - P: (877) 348-9680 - F: (903) 498-3364 free the ballast/starter combination. Reconnect the ballast/starter in the same manner as the replaced units.
4. Replace the 4 screws at the base of the ballast box.
5. Replace the ballast, positioning the wires in the same manner as when first opened.
6. Replace the 4 screws that hold the ballast box cover in place.

DETACHABLE CORDS

1. The cords are detachable by depressing the tab on the top of the connectors. This enables the operator to leave the cord connected to the power source and remove and store the light.
2. To re-attach the cord, insert the plug into the socket.
3. The coil cord is designed to provide 16 feet of length. Stretching it beyond that length will damage the cord, connectors and/or light. Don't do it. We do offer longer cords as an option if needed. Cord length is specified in
4. The cigarette plug provided contains a standard fuse. The fuse is replaceable. By pressing down the silver tip, twisting it and pulling out, the fuse can be seen and replaced.

