

2 LED Lightheads: Installation

WARNING! The strobe light power supply is a high voltage device. Do not remove the strobe tubes or dismantle the strobe lightheads in the system while the unit is in operation. Wait 10 minutes after turning off power before starting work on the system.

1. Disconnect the unit from power. Remove the 4 endcap screws, endcap and gasket from both sides of the extrusion. If alley lights are present, they must be unplugged (Fig. 1).
2. Slide the 4 corner strobes out of the base without unplugging them then remove the top of the base extrusion by removing the 4 top extrusion screws (Fig. 2) and then lifting off the top extrusion.
3. Plug the LED input of the internal harness supplied with your kit into the "REAR LED" input of the I.O. card as shown in the wiring diagram on the next page.
4. This step depends on what already exists in your lightbar. Run 2 of the wires with the 2 position Amp connectors, out to the empty lighthouse housings you wish to add lightheads to.

Note: The wiring harness routes as shown. Since there is no way of determining what now exists in your particular lightbar, this diagram shows you which lighthouse locations this harness powers. You may install the new lightheads in any of the positions shown as long as they aren't occupied. Any unused connectors in the harness should be tucked out of the way inside the bar.

5. Install the lightheads into the lighthouse housings (Fig. 3). Make sure that the lighthead connectors are routed through the wire exit holes located in the housing. Plug these connectors into the T/A harness. Installation is complete. Reassemble and test the lightbar. Refer to figures 4 and 5 to remount lenses and endcap.

Fig. 1 Endcap Removal

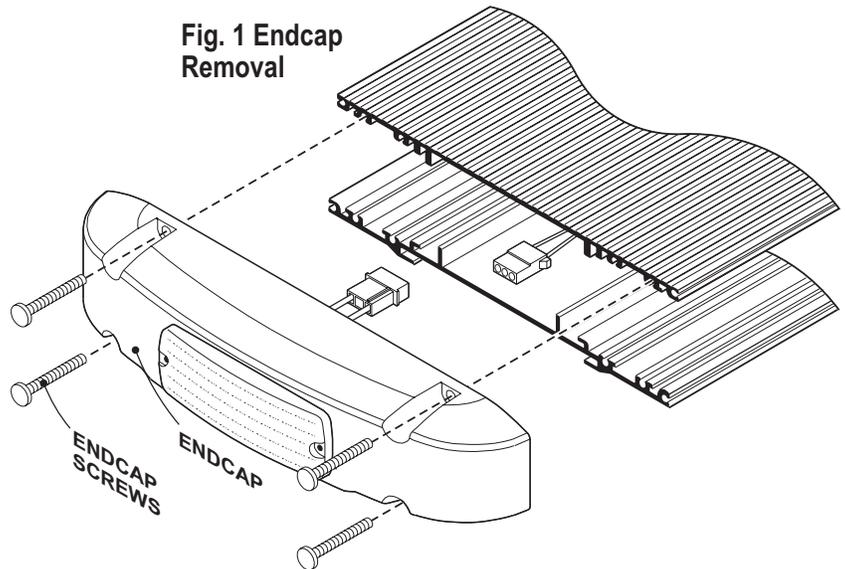


Fig. 2 Removing top extrusion of Lightbar

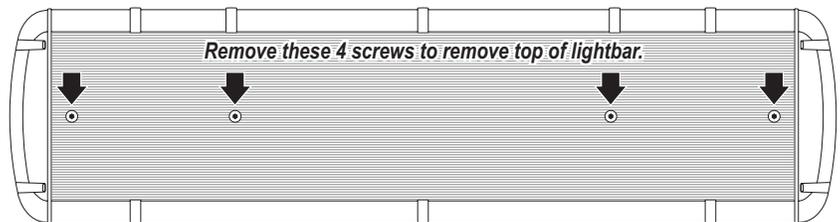


Fig. 3 Installing Lighthead into Housing

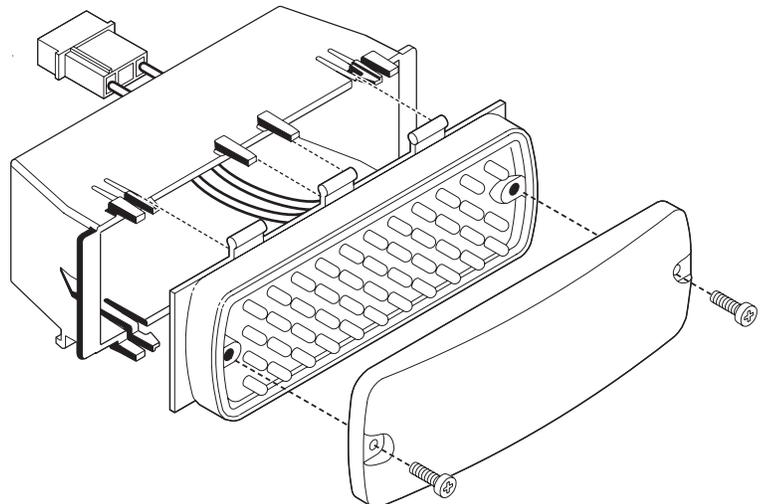


Fig. 4 Side View / installing Lens and Lighthouse Housing into lightbar base

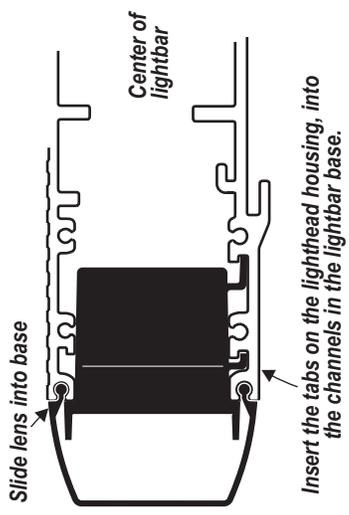
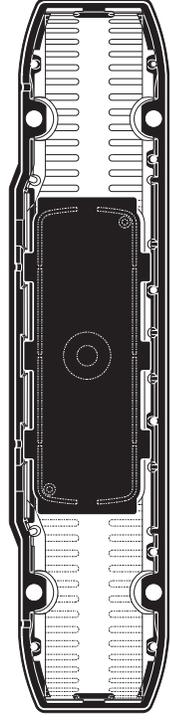


Fig. 5 Endcap: Lighthouse and Gasket Installation
 Insert the tabs on the lighthouse, into the channels in the endcap.



Place the endcap gasket on the endcap matching up all the tabs and holes.

Wiring Diagram

