

WHELEN[®]

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Retro-Fit Guide: Power Supply Bracket Edge[®] 9000 Lightbar

Safety First

This document provides all the necessary information to allow your Whelen product to be properly and safely installed. Before beginning the installation and/or operation of your new product, the installation technician and operator must read this manual completely. Important information is contained herein that could prevent serious injury or damage.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- If mounting this product requires drilling holes, the installer **MUST** be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- If this manual states that this product may be mounted with suction cups, magnets, tape or Velcro[®], clean the mounting surface with a 50/50 mix of isopropyl alcohol and water and dry thoroughly.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the **NEGATIVE (-)** battery post.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition.
- Do not attempt to activate or control this device in a hazardous driving situation.
- This product contains either strobe light(s), halogen light(s), high-intensity LEDs or a combination of these lights. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- **FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

For warranty information regarding this product, visit www.whelen.com/warranty

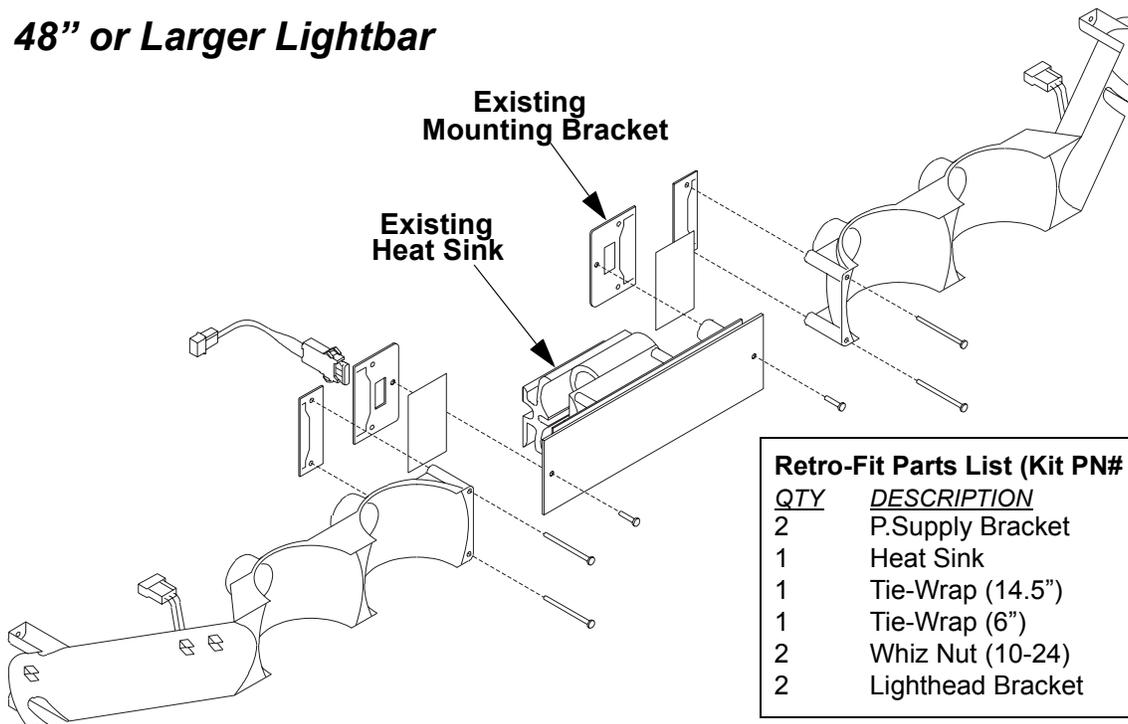
48" & 52" Lightbars (see next page for illustrations)

1. Remove one endcap and slide the lens' out of the extrusion until access to the power supply is achieved. Unplug and remove the piercer housing if so equipped.
2. If the lightbar was equipped with a piercer, remove the two stand-off's from the power supply. If the lightbar was not equipped with a piercer, remove the two Phillips head screws from the power supply.
3. Pull power supply away from the extrusion and disconnect all plugs to the power supply.
4. Remove the filler panels from the extrusion.
5. Locate and remove the power supply bracket without the fuseblock. Remove this from the extrusion by rotating the bracket 90 degrees.
6. If a power supply bracket contains a fuse block, the adjacent lighthouse bracket must be removed. This is done by removing the two inboard Phillips head screws from the lighthouse and sliding the lighthouse bracket out from under the lighthouse. Rotate this bracket 90 degrees and remove from the extrusion. Now slide the power supply bracket into position under the lighthouse where it will act as the new lighthouse bracket. Replace the 2 Phillips head screws to secure the lighthouse to its new bracket.
7. Install the new power supply brackets into the extrusion.
8. Remove the heat sink from the power supply by cutting the tie-wrap that holds it in place.
9. Install the new heat sink with the supplied tie-wrap.
10. Reconnect the power supply plugs to the extrusion plugs and re-install the power supply onto the lightbar.
11. If the lightbar was equipped with stand-off's, be sure to add the supplied whiz nuts to the stand-off before securing is to the extrusion. If the lightbar was not equipped with stand-off's, secure the power supply in place with its original Phillips head screws.
12. Trim the original filler panels so that they keep the power supply centered in the extrusion.
13. Return Piercer™ and lens' to their original positions and secure with the endcap.

46" Lightbar (see next page for illustrations)

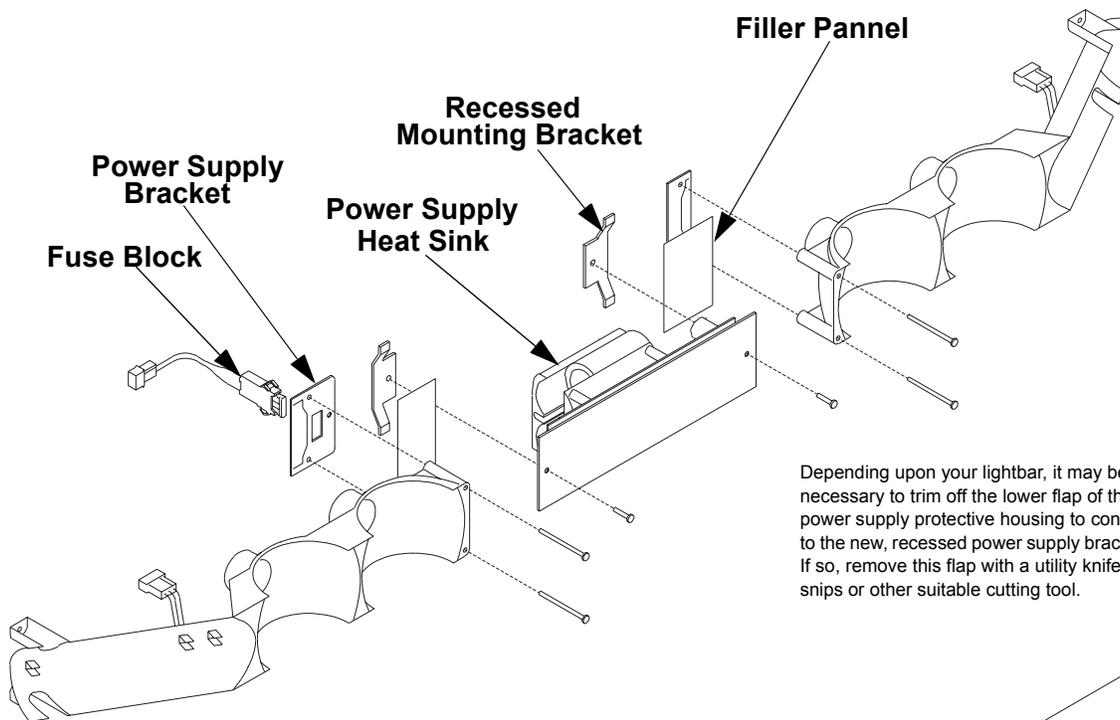
1. Remove one endcap and slide the lens' out of the extrusion until access to the power supply is achieved. Unplug and remove the piercer housing if so equipped.
2. If the lightbar was equipped with a piercer, remove the 2 stand-off's from the power supply. If the lightbar was not equipped with a piercer, remove the 2 Phillips head screws from the power supply.
3. Pull power supply away from the extrusion and disconnect all plugs to the power supply.
4. Remove the two inboard Phillips head screws from both lighthouses and slide the brackets out from under the lighthouses. Rotate these brackets 90 degrees and remove them from the extrusion. If a power supply/lighthouse bracket contains a fuse block, be sure to unplug the fuse block from the extrusion before removing it from the lightbar.
5. Remove the fuse block from the bracket. This bracket can be discarded.
6. Tie-wrap the fuse block to the new lighthouse bracket (supplied).
7. Install the new lighthouse brackets. Be sure to plug the fuse block back into the lightbar before continuing.
8. Replace all of the Phillips head screws to secure both lighthouses to the extrusion.
9. Install the new power supply brackets (supplied) in the extrusion.
10. Remove the heat sink from the power supply by cutting the tie-wrap that holds it in place.
11. Install the new heat sink with the supplied tie-wrap.
12. Reconnect the power supply plugs to the extrusion plugs and re-install the power supply onto the lightbar.
13. If the lightbar was equipped with stand-off's, be sure to add the supplied whiz nuts to the stand-off before securing is to the extrusion. If the lightbar was not equipped with stand-off's, secure the power supply in place with its original Phillips head screws.
14. Return Piercer™ and lens' to their original positions and secure with the endcap.

48" or Larger Lightbar

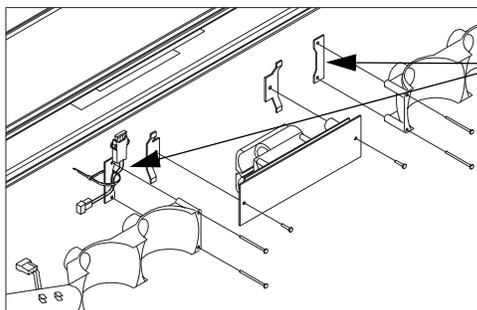


Retro-Fit Parts List (Kit PN# 01-0416277-00)

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
2	P.Supply Bracket	07-241940-000
1	Heat Sink	64-0345497-01
1	Tie-Wrap (14.5")	26-0315001-14
1	Tie-Wrap (6")	26-0215001-06
2	Whiz Nut (10-24)	13-104111-063
2	Lighthead Bracket	07-221896-000



Depending upon your lightbar, it may be necessary to trim off the lower flap of the power supply protective housing to conform to the new, recessed power supply brackets. If so, remove this flap with a utility knife, tin snips or other suitable cutting tool.



New Lighthead Brackets
(Install as shown)

46" Lightbar

