

WHELEN[®]

ENGINEERING COMPANY INC.

Route 145, Winthrop Road,
Chester, Connecticut 06412

Phone: (860) 526-9504

Fax: (860) 526-4078

Internet: www.whelen.com

Sales e-mail: autosale@whelen.com

Canadian Sales e-mail: autocan@whelen.com

Customer Service e-mail: custserv@whelen.com

Installation Guide: Bracket Mount Beacon

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 the 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 owners 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 (this does not include products that use cigar power cords).**
- **If this product uses a remote device for activation or control, make sure that this device is located in an area that allows both the vehicle and the device 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

Caution: This product was designed for use with the Whelen VPPS2E strobe power supply. Do not use this product with power supplies larger than 20 watts per outlet!

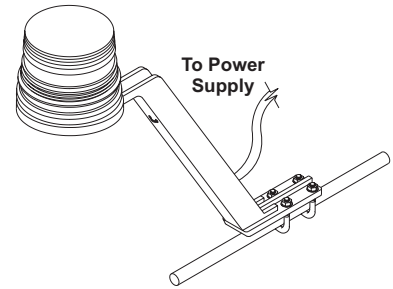
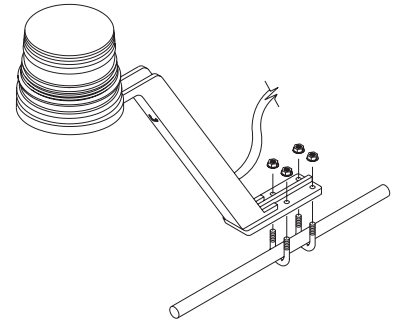
Bracket Mounting

1. Position the lighthouse onto either of the upper, Driver-side mirror mount brackets. The proper orientation locates the lighthouse above and away from the centerline of the vehicle.
2. Using the provided U-bolts and associated hardware, secure the lighthouse bracket firmly to the side mirror bracket as shown.
3. Route the strobe cable from the lighthouse towards the power supply.

Note: Make sure that the cable will not compromise or be damaged by the normal operation of the vehicle

4. After the cable has been routed, insert the wire pins into the wire connector as follows:
 - Position 1 - RED wire (Anode)**
 - Position 2 - BLACK wire (Cathode)**
 - Position 3 - WHITE wire (Trigger)**
5. Repeat steps 1 thru 4 for the Passenger-side mirror mount bracket.
6. Refer to your power supply manual for operating procedures.

Bracket Mount



Surface Mounting

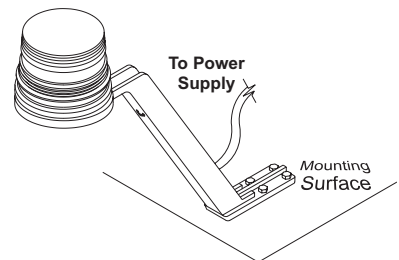
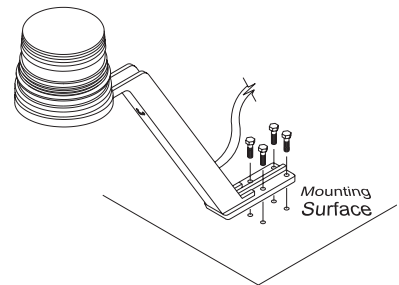
Note: Surface mounting this product will require the use of appropriately sized #10 mounting hardware (nuts, bolts & lock washers). This hardware is customer supplied.

1. Position the lighthouse onto the desired mounting surface. The proper orientation locates the lighthouse above and away from the centerline of the vehicle.

WARNING! As surface mounting this beacon will require drilling, it is absolutely necessary to make sure that no other vehicle components could be damaged in the process. Check both sides of the mounting surface before starting and if damage is possible, select a different mounting location.

2. Using the lighthouse bracket as a template, mark the locations of the 4 mounting holes with an awl or similar tool.
3. Mount the lighthouse bracket securely to the mounting surface.
4. If desired (or necessary), drill an appropriately cable passage hole through the mounting surface (.375" for one strobe cable; .750" for two). De-burr this hole and install an appropriately sized grommet. Apply a generous amount of RTV to waterproof this opening after the cable has been routed.
5. Route the strobe cable from the lighthouse towards the power supply.

Surface Mount



Note: Make sure that the cable will not compromise or be damaged by the normal operation of the vehicle

6. After the cable has been routed, insert the wire pins into the wire connector as follows:

Position 1 - RED wire (Anode)

Position 2 - BLACK wire (Cathode)

Position 3 - WHITE wire (Trigger)

7. Repeat steps 1 thru 6 for the remaining lighthouse.

8. Refer to your power supply manual for operating procedures.

