Warnings to Installers

Whelen’s off-road equipment must be properly mounted and wired in order to be effective and safe. Read and follow all of Whelen’s written instructions when installing or using this device. Potentially, this vehicle may be operated under high speed and/or stressful conditions which must be accounted for when installing any device. Controls should be placed within convenient reach of the operator so that they can operate the system without taking their eyes off the roadway. Some devices may require high electrical voltages and/or currents. Properly protect and use caution around live electrical connections. Grounding or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or vehicle damage, including fire. Many electronic devices can create or be affected by electromagnetic interference. Therefore, after installation of any electronic device it is necessary to test all electronic equipment simultaneously to insure that they operate free of interference from other components within the vehicle. Never power equipment from the same circuit or share the same grounding circuit with radio communication equipment. All devices should be mounted in accordance with the manufacturer’s instructions and securely fastened to vehicle elements of sufficient strength to withstand the forces applied to the power equipment from the same circuit or share the same grounding circuit with radio communication equipment. All devices should be mounted in accordance with the manufacturer’s instructions and securely fastened to vehicle elements of sufficient strength to withstand the forces applied to the power equipment from the same circuit or share the same grounding circuit with radio communication equipment. All devices should be mounted in accordance with the manufacturer’s instructions and securely fastened to vehicle elements of sufficient strength to withstand the forces applied to the power equipment from the same circuit or share the same grounding circuit with radio communication equipment. All devices should be mounted in accordance with the manufacturer’s instructions and securely fastened to vehicle elements of sufficient strength to withstand the forces applied to the power equipment from the same circuit or share the same grounding circuit with radio communication equipment. All devices should be mounted in accordance with the manufacturer’s instructions and securely fastened to vehicle elements of sufficient strength to withstand the forces applied to the power equipment from the same circuit or share the same grounding circuit with radio communication equipment.

Warnings to Users

The user should be familiar with all applicable laws and regulations prior to the use of this device.

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.
• Whelen Engineering requires the use of waterproof butt splices and/or connectors if that connector could be exposed to moisture.
• Failure to use specified installation parts and/or hardware will void the product warranty.
• 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 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 (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 high-intensity LEDs. 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!
This mounting bracket will mount in the grille where the license plate sits. The license plate will need to be removed and relocated.

1. Remove the license plate bracket and lower the grille from the front bumper following factory specifications.
2. Draw a line even with the indentation in the bumper across each of the 4 tabs that the grille mounts to (Fig. 1).
3. On the line you drew in step 2, centered within the width of the tab, mark the center of the mounting holes you will drill on the bumper area behind each tab (Fig. 1).
4. Drill a 1/4" (or slightly larger) hole through the bumper in each of the four spots you marked off in step 3.

5. Slide the top and bottom of the mounting bracket under the bumper (Fig. 2).
6. Secure the mounting bracket to the vehicle using the supplied 1/4 - 20 Nickel Plated Brass Nuts and 1/4 - 20 X 3/4 Phillips Pan Head Machine Screws (Fig. 3).
7. Secure the light to the mounting bracket (Fig. 4).
8. Replace the grill you removed in step 1. You will need to trim some of the grille to fit the light (Fig. 5).
9. Extend the power and ground wires to your power source and connect following the instructions that come with the light.