

WHELEN[®]

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**Installation Guide:
UHF2150B High Beam Flasher
2000 Chevrolet Impala**

***Designed for use with
Chevrolet Impala Police Package 9C1***

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 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.**
- **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.**
- **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!**

IMPORTANT NOTES:

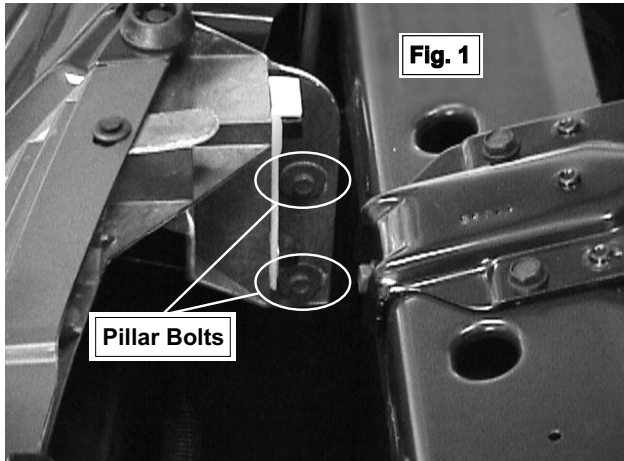
- The use of a flashing headlight system may be regulated by state, county, or municipal authorities. It is the responsibility of the end user to comply with these regulations.
- Before attempting the installation of the UHF2150B headlight flasher, thoroughly read and understand instructions and steps shown below.
- Disconnect the battery from the electrical system before attempting any part of this installation.
- Have your “Impala Police Package Owner’s Manual Supplement” available for reference.

Installation:

1. Locate and remove the three, plastic fasteners that secure the cowl panel covering the area between the top of the radiator support and the top of the grille. Remove this panel from the vehicle.

NOTE: Each fastener must be returned to its original location when re-installing this panel.

2. Locate and remove the two, passenger-side headlight pillar bolts (see fig. 1).



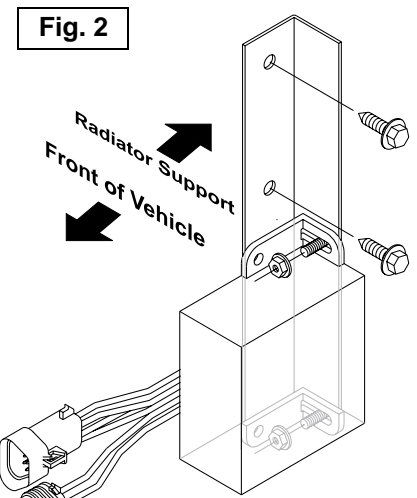
3. Using the bolts removed in the previous step, secure the headlight flasher bracket to the pillar. Make sure that the flasher is oriented as shown in fig. 2.
4. The necessary electrical connections will now be made. Follow the appropriate procedure for your vehicle.

Wiring:

Vehicles equipped with Chevrolet Option SEO 6J3

1. Disconnect the headlamp harness’ water-proof connection adjacent to the installed flasher.

2. Plug the water-proof flasher plugs into the appropriate water-proof harness connection referenced in the previous step. Make sure that these plugs fully engage the harness receptacles.
3. Locate the PINK, 16-gauge control wire under the instrument panel (refer to your “Impala Police Package Owner’s Manual Supplement” for specific information regarding location of this wire).
4. Connect this PINK wire to a customer supplied switch.



Vehicles without Chevrolet Option SEO 6J3

1. Disconnect the headlamp harness’ water-proof connection adjacent to the installed flasher.
2. The flasher’s pin-housing connector includes an ORANGE wire. Cut this wire at the connector.
3. Plug the water-proof flasher connector into the appropriate water-proof harness connection referenced in the previous step. Make sure that these connectors fully engage the harness connectors.
4. Using appropriately sized wire, extend this ORANGE wire to a customer-supplied switch.

Flash Pattern Selection:

There are 4 available flashrates for the UHF2150B. These rates are determined by two jumper wires located on the rear of the flasher module; WHITE/RED and WHITE/VIOLET. The following table defines the available flashrates.

WHT/RED	WHT/VIO	Flashrate
Intact	Intact	Modulflash
CUT	Intact	280 SF Alternating
Intact	CUT	140 DF Alternating/ 140 SF Simultaneous
CUT	CUT	140 DF Alternating/ 280 SF Alternating

SF = Single Flash per min.
DF = Double Flash Per Min.