

# WHELEN<sup>®</sup>

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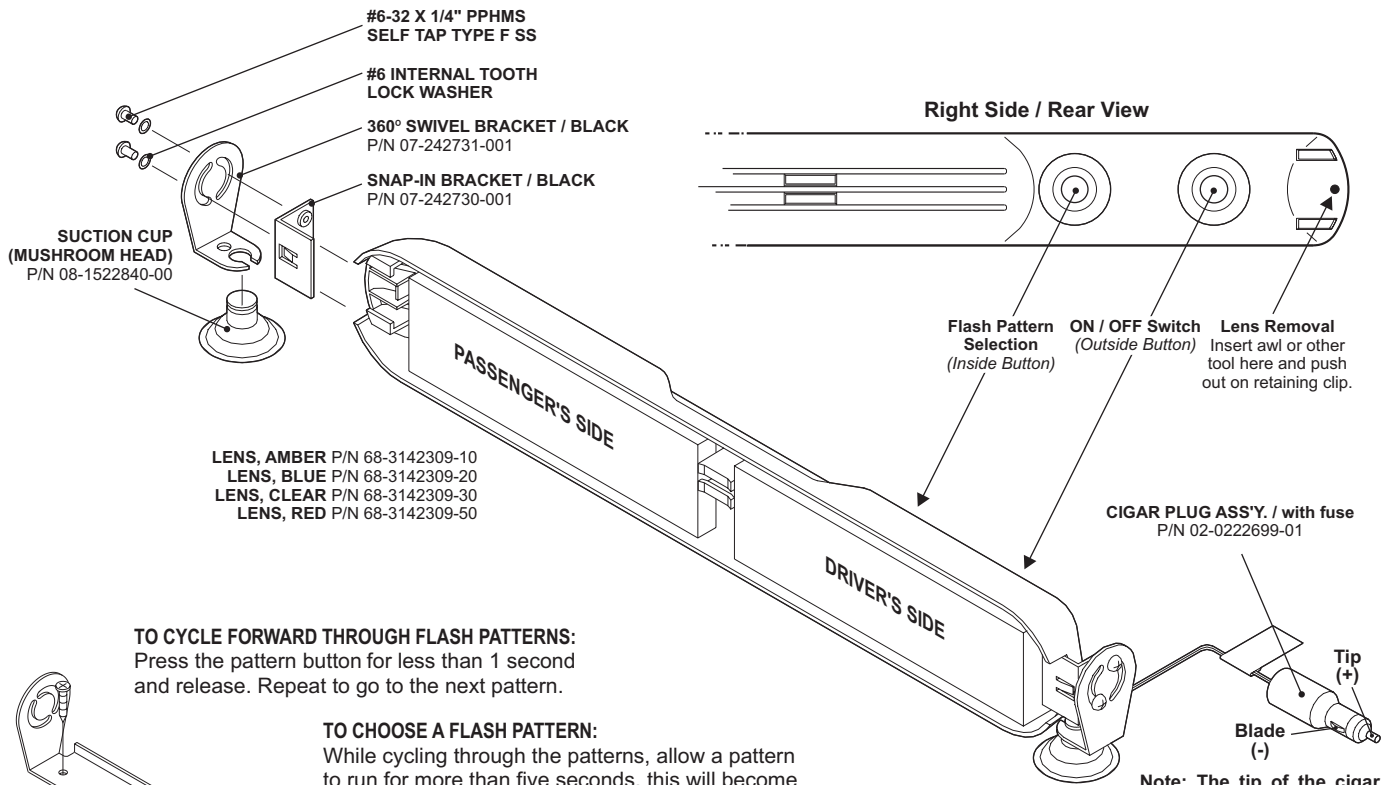
## Installation Guide Slimlighter Model SLPLL\*\*

### 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!**

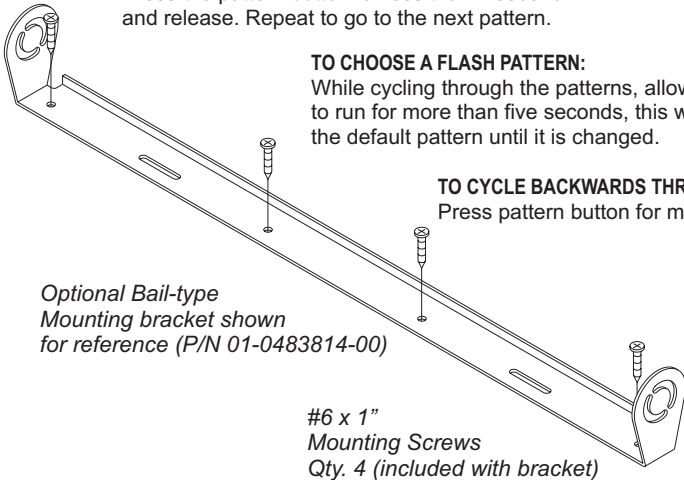
**For warranty information regarding this product, visit [www.whelen.com/warranty](http://www.whelen.com/warranty)**



**TO CYCLE FORWARD THROUGH FLASH PATTERNS:**  
Press the pattern button for less than 1 second and release. Repeat to go to the next pattern.

**TO CHOOSE A FLASH PATTERN:**  
While cycling through the patterns, allow a pattern to run for more than five seconds, this will become the default pattern until it is changed.

**TO CYCLE BACKWARDS THROUGH ALL FLASH PATTERNS:**  
Press pattern button for more than 1 second and release.



**CAUTION:** This product has been designed to rest on top of the vehicle's dashboard. Suction cups are used to prevent lateral movement while the vehicle is in motion. These suction cups should not be used to suspend this product above the dashboard.

**NOTE:** The swivel mounting bracket can also be attached with the suction cup on the outside as shown here. For a permanent mount, use sheet metal screws (not supplied) in place of the suction cups. Make sure there is nothing that will be damaged on the opposite side of the mounting area.

**Available Flash Patterns**

RAPIDFIRE™ 680	680 Single Flashes Per Minute (SFPM)
RAPIDFIRE™ 240	240 SFPM
RAPIDFIRE™ 120	120 SFPM
SIMULTANEOUS RAPIDFIRE™	240 SFPM
DOUBLE FLASH 240	240 Double Flashes Per Minute (DFPM)
DOUBLE FLASH 120	120 DFPM
SIMULTANEOUS DOUBLE FLASH 240	240 DFPM
COMET FLASH®	120 Comet Flashes Per Minute (CFPM)
SIMULTANEOUS COMET FLASH®	120 CFPM
ACTION FLASH™	2 Alternating 120 CFPM, 4 Alternating 240 SFPM
SIMULTANEOUS ACTION FLASH™	2 Alt. 120 CFPM, 4 Simul. 240 SFPM
MODU FLASH™	120 to 360 SFPM
SIMULTANEOUS MODU FLASH™	120 to 360 SFPM
SIGNAL ALERT™ 120	120 Flashes Per Minute (FPM)
SIMULTANEOUS SIGNAL ALERT™	120 FPM
SCAN	2 Cycles of Every Pattern
CALIF. RAPIDFIRE	340 SFPM
CALIF. DOUBLE FLASH	150 DFPM
CALIF. COMET FLASH	120 CFPM
CALIF. ACTION FLASH	2 Alternating 120 CFPM, 4 Alternating 240 SFPM

**LENS REMOVAL:** It is easier to perform this operation with the light laying face down on a table. Take an awl, (or any suitable tool) insert it into the hole in the back of the light and carefully push on the back of the retaining clip, (while at the same time pulling out on the swivel mounting bracket) until the clip clears the light housing and you can slide the bracket out and remove it. With the bracket out, the lens may be removed for replacement. **NOTE:** If you replace the lens on the side of the power cord, make sure the cord is in its wire channel before re-attaching the suction cup assembly.

