

# WHELEN<sup>®</sup>

ENGINEERING COMPANY INC.

Route 145, Winthrop Road,  
Chester, Connecticut 06412

Phone: (860) 526-9504

Fax: (860) 526-4078

Internet: [www.whelen.com](http://www.whelen.com)

Sales e-mail: [autosale@whelen.com](mailto:autosale@whelen.com)

Canadian Sales e-mail: [autocan@whelen.com](mailto:autocan@whelen.com)

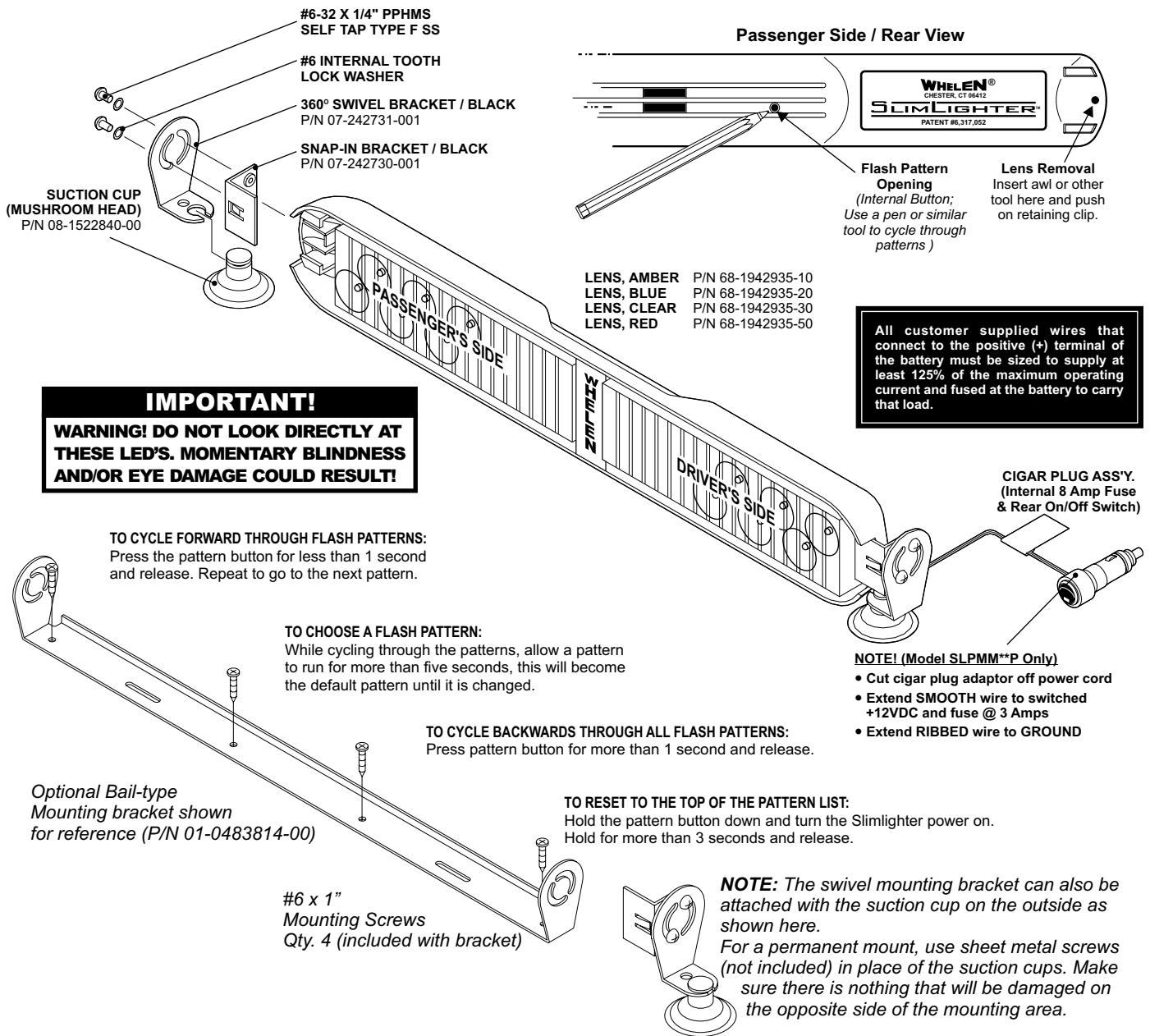
Customer Service e-mail: [custserv@whelen.com](mailto:custserv@whelen.com)

## Installation Guide TIR Slimlighter Model SLPMM\*\* Model SLPMM\*\*P

### 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 product is 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 (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!**



### Available Flash Patterns

RAPIDFIRE™ 680	680 Single Flashes Per Minute (SFPM)
RAPIDFIRE™ 240	240 SFPM
RAPIDFIRE™ 120	120 SFPM
SIMULTANEOUS RAPIDFIRE™ 150	150 SFPM
DOUBLE FLASH 240	240 Double Flashes Per Minute (DFPM)
DOUBLE FLASH 120	120 DFPM
SIMULTANEOUS DOUBLE FLASH 150	150 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	120 FPM
SCAN FLASH	2 Cycles of Every Pattern
CalFlash	340 SFPM
CALIF. STEADY w/RAPIDFIRE™ 240	240 DFPM
CALIF. STEADY w/CalFlash	340 SFPM
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, both the inner and outer 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.

