

# WHELEN<sup>®</sup>

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## Installation Guide: Slim-Miser™ LED Dash Light

### 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.

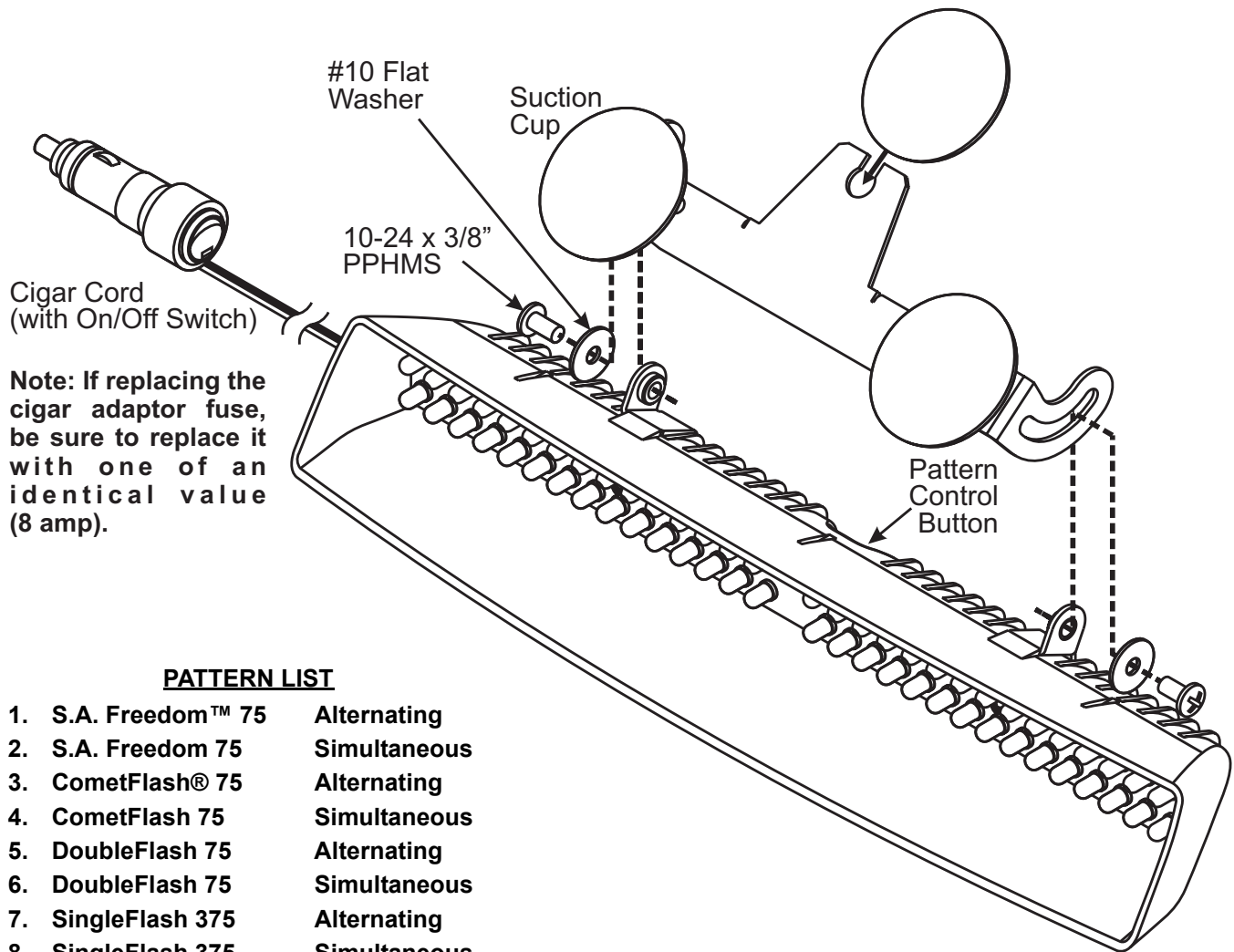
- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- If mounting this product requires drilling holes, the installer **MUST** be sure that no vehicle components or other vital parts could be damaged by the drilling 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 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 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)**

**SUCTION CUP WARNING!** This product has been designed to rest on top of the vehicle 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.

**IMPORTANT!** It is the responsibility of the installation technician to make sure that the installation and operation of this product will not interfere with or compromise the operation or efficiency of any vehicle equipment!

**IMPORTANT AIR BAG WARNING!** Do not install this product or route any wires in the air bag deployment zone of your vehicle. Equipment mounted or located in air bag deployment zones 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 to learn the air bag deployment zones for the vehicle. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.



Note: If replacing the cigar adaptor fuse, be sure to replace it with one of an identical value (8 amp).

**PATTERN LIST**

- |                           |              |
|---------------------------|--------------|
| 1. S.A. Freedom™ 75       | Alternating  |
| 2. S.A. Freedom 75        | Simultaneous |
| 3. CometFlash® 75         | Alternating  |
| 4. CometFlash 75          | Simultaneous |
| 5. DoubleFlash 75         | Alternating  |
| 6. DoubleFlash 75         | Simultaneous |
| 7. SingleFlash 375        | Alternating  |
| 8. SingleFlash 375        | Simultaneous |
| 11. SingleFlash 150       | Alternating  |
| 12. SingleFlash 150       | Simultaneous |
| 13. SingleFlash 75        | Alternating  |
| 14. SingleFlash 75        | Simultaneous |
| 15. ActionFlash™          | Alternating  |
| 16. ActionFlash           | Simultaneous |
| 17. ActionScan™           |              |
| 18. Steady/SingleFlash 75 |              |
| 19. Dual Steady           |              |

**TO CYCLE FORWARD THROUGH FLASH PATTERNS:** Press the pattern control button for less than 1 (one) second and release. Repeat to advance to the next pattern.

**TO CYCLE BACKWARDS THROUGH FLASH PATTERNS:** Press the pattern control button for more than 1 (one) second and release. Repeat to cycle back to the previous pattern.

**NOTE!** If a pattern is allowed to run for more than 5 (five) seconds it becomes the default pattern.