

INSTRUCTION SHEET
FOR
LED SIGNALMASTER™ HIGH-SIDE LIGHT ASSEMBLIES

SAFETY MESSAGE TO INSTALLERS AND OPERATORS

 WARNING

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with the products. In addition, listed below are some other important safety instructions and precautions you should follow:

- To properly install this light: you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- In order for the light to function properly, a separate ground connection must be made. If practical, it should be connected to the negative battery terminal. At a minimum, it may be attached to a solid metal body or chassis part that will provide an effective ground path as long as the light system is to be used.
- Locate light control so the VEHICLE and CONTROL can be operated safely under all driving conditions.
- Do not attempt to activate or deactivate light control while driving in a hazardous situation.
- This product contains high intensity LED devices. To prevent eye damage, DO NOT stare into the light beam at close range.
- You should frequently inspect the light to ensure that it is operating properly and that it is securely attached to the vehicle.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you or others.

I. INSTALLATION.

 WARNING

These lights are intended for *secondary* warning only. They are *not* intended for use as a primary warning system.

A. *LED SignalMaster Light Assemblies.*

Install the light assembly as described in the mounting kit instructions.

B. *High-Side Activation.*

High-side LED SignalMaster cannot be used in conjunction with any Federal Signal SignalMaster control units. Modules are activated with +12Vdc and are to be used with end user's Multiplexing System.

II. MAINTENANCE.

A. *General.*

 WARNING

Crazing (cracking) of lenses will cause reduced effectiveness of the light. Do not use cleaning agents (which will cause crazing) such as strong detergents, solvents, or petroleum products. If crazing of lenses does occur, reliability of light for emergency signalling purposes may be reduced until lenses are replaced.

Ordinary cleaning of the plastic lenses can be accomplished by using mild soap and a soft rag. Should fine scratches or a haze appear on a lens, they can ordinarily be removed with a non-abrasive, high quality, one-step, automotive paste cleaner/wax and a soft cloth.

B. *LED Module Replacement.*

1. See figure 1. Remove and retain the two screws which secure the LED module assembly.
2. Disconnect the right angle connectors and remove the LED module assembly.
3. Observing polarity, connect the right angle connectors to the appropriate printed circuit board connectors. (H1 connection is for +12Vdc and H2 is GROUND.)

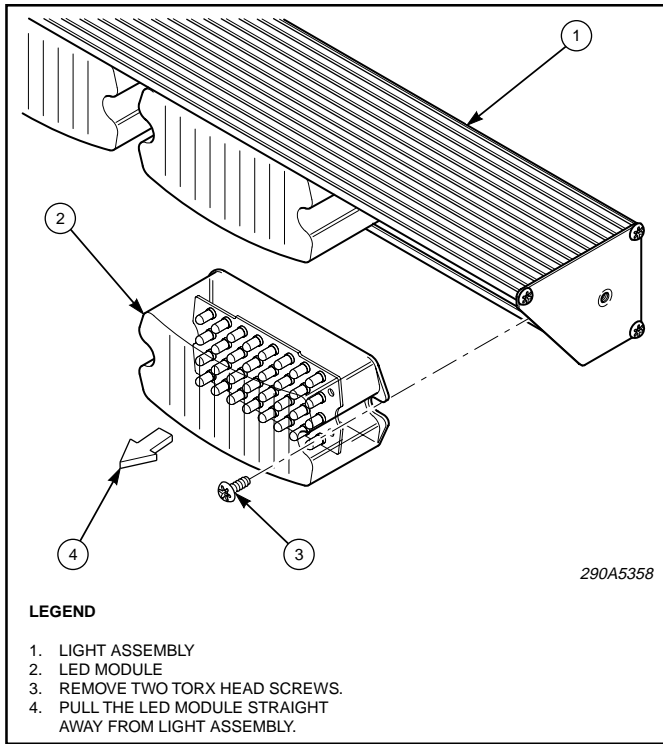


Figure 1.

4. Install the new LED module assembly using the previously removed screws.

III. REPLACEMENT PARTS.

Description	Part No.
LED Module Assembly, White, 12V	8573229
LED Module Assy., Red (Clear Lens), 12V	8573229-01
LED Module Assy., Amber (Clear Lens), 12V	8573229-02
LED Module Assy., Blue (Clear Lens), 12V	8573229-03
LED Module Assembly, Red, 12V	8573229-04
LED Module Assembly, Amber, 12V	8573229-05
LED Module Assembly, Blue, 12V	8573229-06

Copyright 2005 Federal Signal Corporation