

## Safety Message to Installers of Warning Light Equipment

### **⚠ WARNING**

People's lives depend on your proper installation and servicing of Federal Signal products. It is important to read and follow all instructions shipped with this product and the original product. 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.
- The effectiveness of an interior mounted warning light depends on the clarity, the tinting, and the angle of the glass it is being placed behind. Tinting, dirt, defects, and steeply angled glass reduce the light output of the warning light. This may reduce the effectiveness of the light as a warning signal. If your vehicle has dirty, tinted, or steeply angled glass, use extra caution when driving your vehicle or blocking the right of way with your vehicle.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- For the light to function properly, a separate ground connection must be made. If practical, it should be connected to the negative battery terminal.
- Locate the light control so the VEHICLE and CONTROL can be operated safely under all driving conditions.
- To be an effective warning device, an emergency warning system produces bright light that can be hazardous to your eyesight when viewed at a close range. Do not stare directly into the lights at a close range or permanent damage to your eyesight may occur.
- Do not attempt to activate or deactivate the light control while driving in a hazardous situation.
- You should frequently inspect the light assembly to ensure that it is operating properly and that it is securely attached to the vehicle.
- If a vehicle seat is temporarily removed, verify with the vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- 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.

## Overview

This kit is a universal, trim-to-fit shroud to reduce flashback for Federal Signal CN SignalMaster™ directional light or Latitude™ Series light in various applications. Lengths for 4-, 6-, and 8-head units are available.

**NOTE:** For electrical installation instructions, refer to the Installation and Maintenance Instructions packed with the light unit.

## Unpacking the Kit

After unpacking the kit, inspect it for damage that may have occurred in transit. If it has been damaged, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of damage. Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts listed in Table 1 on page 2 are included in the package. If you are missing any parts, contact Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT).

**Table 1** Kit contents

Qty.	Description	Part Number
2	Bolt, 1/4"-20 Carriage, 1/2" Lg., SS	7004A020-08
2	Nut, 1/4"-20 Keps, SS	7058050
4	Screw, #10 Pan, 6-Lobe Drive, Type B, 3/8" Lg., SS	7011246-06
2	Washer, 1/4", Flat, SS	7072A024
1	Sealing Strip, 54"	8624206-54
1	Shroud, 4-Head OR	857300432-4
1	Shroud, 6-Head OR	857300432-6
1	Shroud, 8-Head	857300432-8

## Preparing the Shroud

---

**⚠ WARNING**

**AIRBAG DEPLOYMENT**—Do not install equipment or route wiring in the deployment path of an airbag. Failure to observe this warning will reduce the effectiveness of the airbag or potentially dislodge the equipment, causing serious injury or death.

---

**NOTICE**

**DRILLING PRECAUTIONS**—When drilling holes, check the area you are drilling into to be sure you do not damage vehicle components. All drilled holes should be deburred and all sharp edges should be smoothed. All wire routings going through drilled holes should be protected by a grommet or convolute/split loom tubing.

---

**NOTE:** For maximum coverage and effectiveness, the light assembly should be mounted in a horizontal orientation. Before installing the shroud, install the CN SignalMaster or Latitude according to the instructions included with the light assembly.

**IMPORTANT:** Plan all cable routing before the installation.

To prepare the shroud:

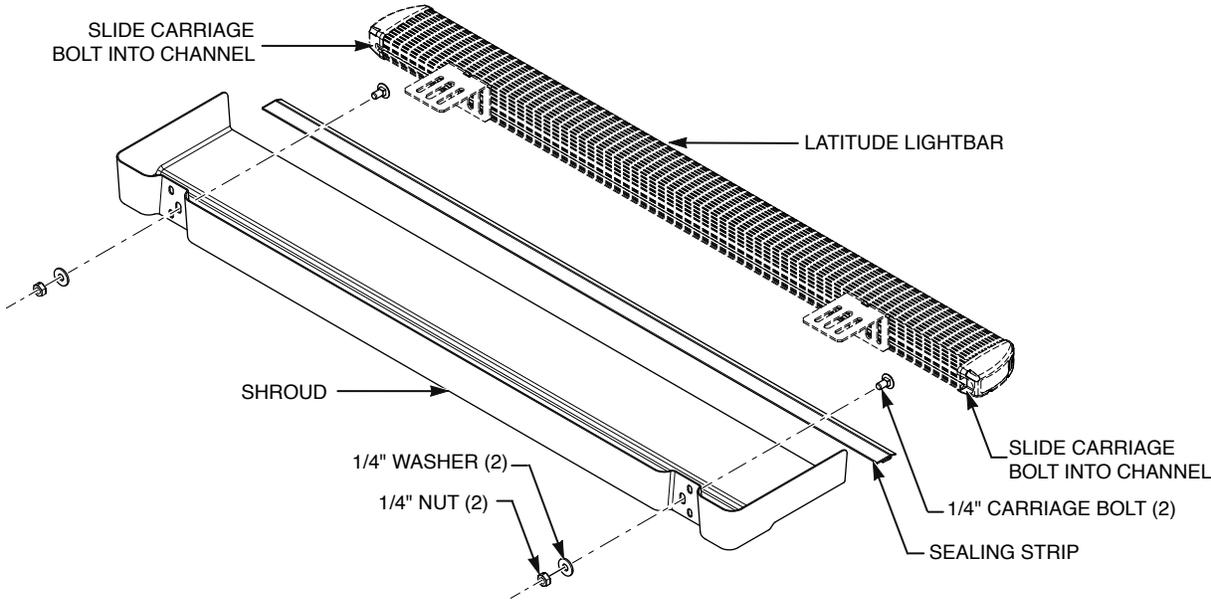
1. To determine where to trim the shroud, position it on the light assembly.
2. To aid in trimming contoured edges, use a piece of stiff cardboard as a template.
3. Trim the shroud to match the template and verify the fit.
4. Deburr the trimmed edge, then install the sealing strip.
5. Cut the sealing strip to fit.

## Installing the Shroud on the Latitude

To install the shroud on the Latitude:

1. See Figure 1. Slide two 1/4" carriage bolts into the channel on the rear of the light assembly.
2. Attach the shroud with the 1/4" washers and 1/4" nuts.
3. Test the lights for proper operation.

**Figure 1** Shroud attached to Latitude

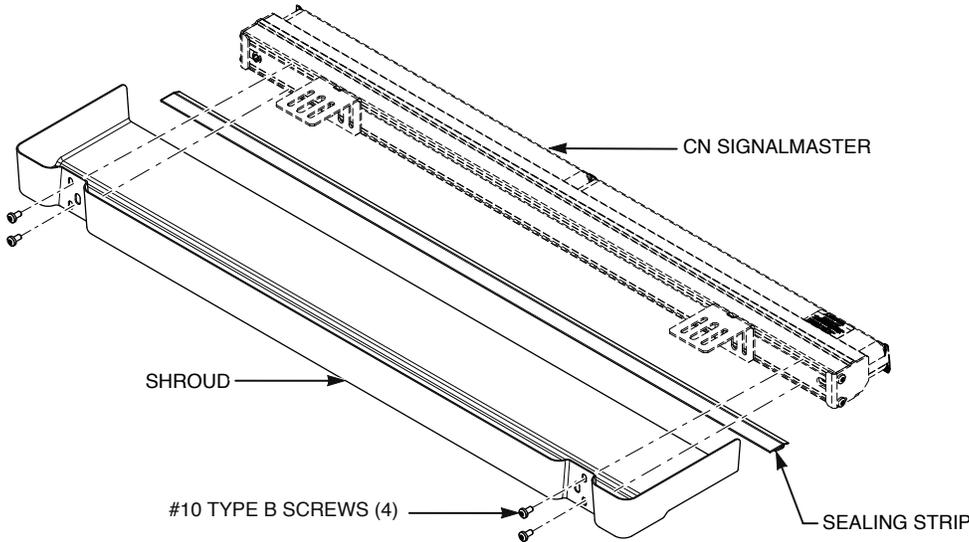


## Installing the Shroud on the CN SignalMaster

To install the shroud on the CN SignalMaster:

1. See Figure 2. Attach the shroud to the rear of the light assembly with four #10 Type B screws.
2. Test the lights for proper operation.

**Figure 2** Shroud attached to CN SignalMaster



## **Getting Technical Support and Service**

For technical support and service, please contact:

Federal Signal Corporation  
Service Department  
Public Safety Systems  
Phone: 1-800-433-9132  
Fax: 1-800-343-9706  
Email: empsserviceinfo@fedsig.com

## **Ordering Replacement Parts**

To order replacement parts, please contact your local dealer/distributor or:

Customer Support  
Federal Signal Corporation  
Phone: 1-800-264-3578,

## **Returning a Product to Federal Signal**

Before returning a product to Federal Signal, call 800-264-3578, 800-433-9132, or 800-824-0254 to obtain a Returned Merchandise Authorization number (RMA number). To expedite the process please be prepared with the following information:

- Your Federal Signal customer or account number.
- The purchase order number under which the items were purchased.
- The shipping method.
- The model or part number of the product being returned.
- The quantity of products being returned.
- Drop ship information as needed.
- Any estimate required.

When you receive your RMA Number:

- Write the RMA number on the outside of the box of returned items.
- Reference the RMA number on your paperwork inside of the box.
- Write the RMA number down, so that you can easily check on status of the returned equipment.

Send all material with the issued RMA Number to:

Federal Signal Corporation  
2645 Federal Signal Drive  
University Park, IL 60484-3167  
Attn: Service Department  
RMA: # \_\_\_\_\_  
800-433-9132  
800-343-9706 (fax)  
www.fedsig.com