

2562367A REV. A 1109

Safety Message to Installers of Warning Light Equipment

⚠ WARNING

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

- To properly install a light assembly, you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.
- To be an effective warning device, this product produces bright light that can be hazardous to your eyesight when viewed at close range. Do not stare directly into this lighting product at close range or permanent damage to your eyesight may occur.
- If a vehicle seat is temporarily removed, verify with the vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- You should frequently inspect the light system to ensure that it is operating properly and that it is securely attached to the vehicle.
- Refer to the instruction sheets packed with related products for additional precautions and information.
- File these instructions in a safe place and refer to them when maintaining or reinstalling the product.

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

Overview

This publication provides additional directions for installation of a separately purchased mounting system for Federal Signal lightbars on vehicle roofs. Installation of this hook kit requires the use of parts from the mounting system.

Unpacking the Kit

After unpacking the kit, inspect it for damage that may have occurred in transit. If the contents have been damaged, do not install the kit. File a claim immediately with the carrier, stating the extent of the damage. Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts listed in Table 1 are included in the package.

Table 1: Kit contents

Qty.	Description	Part Number
2	Hook	<i>Varies</i>
2	Pad, Mounting	8552492

Installing the Mounting Hook

Refer to the installation and maintenance instructions included with the lightbar for electrical installation instructions. Plan all cable routing before the installation.

⚠ WARNING

HEAVY OBJECT

To avoid personal injury and equipment damage, get the assistance of another person to help you handle the lightbar.

1. Place the lightbar assembly on the vehicle roof at the selected location. The lightbar assembly should be installed 6 inches from the front of the sliding doors. Refer to the instructions included with the mounting system for additional information.

NOTICE

WATER LEAKAGE

Water may leak into the vehicle interior if the hook is improperly positioned. Ensure that the hook is positioned above or near the door post.

2. Determine where the hook will attach to the vehicle.

NOTICE

DOOR GUTTER GASKETS

Use care to avoid damaging the door gutter gaskets. They will be reused.

3. To protect the roof surface, peel the packing from the adhesive mounting pad and attach the pad to the bottom of the hook (Figure 1).
4. Place the hook in position on the roof sheet metal.
5. Slide the door gutter gasket off the roof sheet metal just enough to place the hook in position. Place the hook in position on the roof sheet metal.
6. Assemble the hook on the mounting bracket using a 5/16-18 hex head bolt of the appropriate length. Tighten the bolt only finger-tight at this time.
7. Repeat steps 2 through 6 with the other hook.

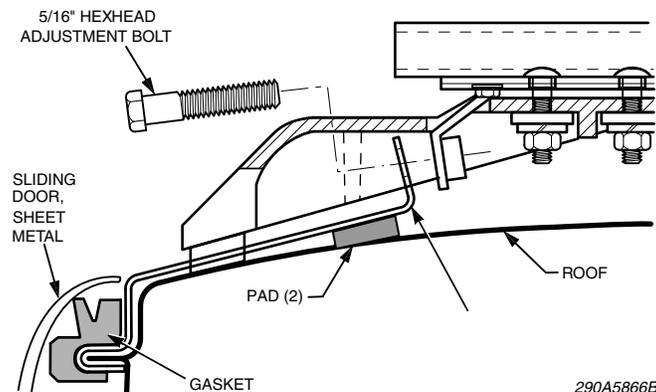


Figure 1: Lightbar attached to vehicle with hook kit

⚠ CAUTION

SECURE MOUNTING (LEGEND MODEL LIGHTBARS ONLY)

Ensure that the mounting-bolt keeper plates are securely installed and that the hook adjustment bolts are torqued 6 ft-lb to 7 ft-lb. Excessive tightening of the hook adjustment bolts can cause damage to the lightbar, mounting system, or the vehicle's roof. Also ensure that the mounting kit is correct for the vehicle and use only the supplied mounting kit hardware.

If the mounting kit is improperly assembled, the lightbar assembly could fly off the vehicle causing injury or damage.

⚠ CAUTION

SECURE MOUNTING (LIGHTBAR MODELS OTHER THAN LEGEND)

Ensure that the mounting-bolt keeper plates are securely installed and that the hook adjustment bolts are torqued 10 ft-lb to 11 ft-lb. Excessive tightening of the hook adjustment bolts can cause damage to the lightbar, mounting system, or the vehicle's roof. Also ensure that the mounting kit is correct for the vehicle and use only the supplied mounting kit hardware.

If the mounting kit is improperly assembled, the lightbar assembly could fly off the vehicle causing injury or damage.

8. On Legend lightbars torque each hook adjustment bolt 6 ft-lb to 7 ft-lb. On all other models of lightbars torque each hook-adjustment bolt 10 ft-lb to 11 ft-lb.
9. Reinstall the door gutter gaskets over the roof sheet metal and the portion of the hook that clamps onto the roof sheet metal.

IMPORTANT: Frequently inspect the lightbar assembly to ensure that all fasteners and brackets are tight.

Ordering Replacement Parts

To order replacement parts, call our Customer Support at 1-800-264-3578, 7 AM to 5 PM, Monday through Friday (CT) or contact your nearest distributor.

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.

4 ***Hook Kits for Vehicles with Double Sliding Doors and No Luggage Rack***

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: # _____



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