

2562677 A3 0620

## 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 the lighting system, you must have a good understanding of automotive systems, along with proficiency in the installation and use of safety warning equipment.
- Do not install equipment or route wiring in the deployment path of an airbag.
- If a vehicle seat is temporarily removed, verify with the vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- Frequently inspect the light system to ensure that it is operating properly is securely attached to the vehicle.
- When drilling into a vehicle structure, ensure that both sides of the surface are clear of anything that could be damaged.
- Refer to the instructions packed with related products for additional precautions and information.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.
- Do not stare directly into the lights at a close range, or permanent damage to your eyesight may occur.

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

## Product Overview

This publication has instructions for permanently mounting the Split Vision SLR to a vehicle. One kit is supplied with VSLR3, and two kits with VSLR6 and VSLR8 models. For electrical installation instructions, refer to the installation and maintenance instructions packed with the light bar.

## 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 the damage. Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts in the Kit Contents List 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 Mounting kit contents**

One kit is supplied with VSLR3, and two kits with VSLR6 and VSLR8 models.

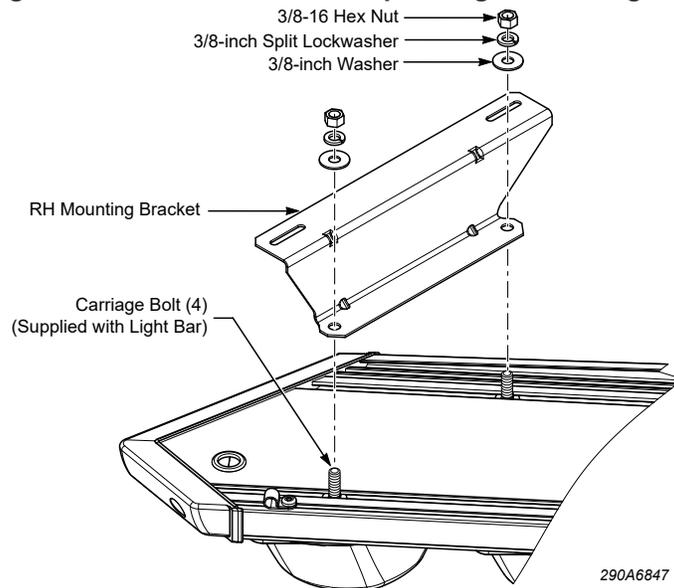
Qty.	Description	Part Number
4	Screw, 1/4 x 3/4 inch, Type AB, HWH, SS BLK OX	7011183-12
8	Pad, Mounting, Rubber	8422A033
4	Nut, Hex, 3/8-16, HCR	7059124
4	Washer, 3/8, S.S	7072A035
4	Lockwasher, Split, 3/8 inch, S.S.	7074A046
1	Bracket, Mounting, LH	8652206-L
1	Bracket, Mounting, RH	8652206-R
<b>Optional Brackets</b>		
Qty.	Description	Part Number
1	Bracket, Short, Mounting, LH	865200957-L
1	Bracket, Short, Mounting, RH	865200957-R

**Installing the Mounting Brackets on the Light Bar**

To install the mounting brackets on the light bar:

- Carefully turn the light assembly upside down and place it on a surface that will not scratch the domes.
- Assemble one LH and RH mounting bracket on the factory installed carriage bolts using 3/8-16 hex nuts, 3/8-inch flat washers, and 3/8-inch split lockwashers as shown in Figures 1 and 2. Secure the brackets in position; torque the nuts to 20 ft-lb.

**Figure 1 RH bracket attached to passenger side of light bar**



- For the Model VSLR6 and VSLR8, repeat steps 1 and 2 on the other half of the light bar.

## Installing the Light Bar on the Vehicle

### **⚠ WARNING**

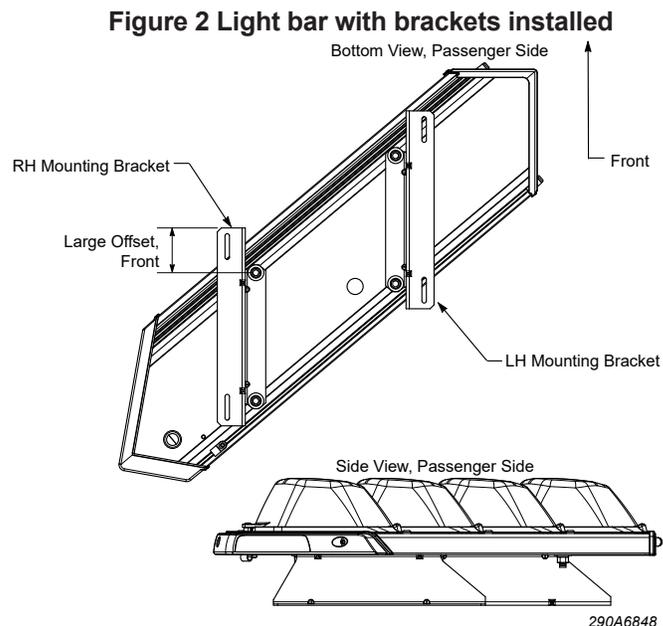
**ROOF SUPPORT STRUCTURE:** There is a roof support member that spans the distance between the driver and passenger side. **DO NOT DRILL THROUGH THIS MEMBER!** Adjust any hole locations until the holes can be drilled without going through this member. Failure to follow this warning will weaken the roof of the vehicle and may lead to an increased chance of bodily injury or death in a rollover accident.

### **⚠ WARNING**

**HEAVY OBJECT:** Use lifting aids and proper lifting techniques when removing or replacing the light bar. Failure to follow this warning may cause personal injury.

To install the light bar on the vehicle.

1. Position the light bar on the vehicle roof at the desired location. The light bar should be positioned with the pods aligned facing forward. Ensure that the light bar does not interfere with the operation of other apparatus. See Figure 2.



### **NOTICE**

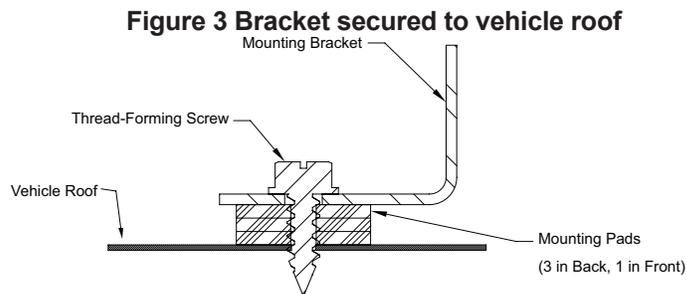
**DRILLING PRECAUTIONS:** Before drilling holes, check the area into which you plan to drill to ensure that you do not damage vehicle components. All drilled holes should be deburred and all sharp edges should be smoothed. All wires going through drilled holes should be protected by a grommet or convolute/split-loom tubing.

2. Using the mounting brackets as templates, scribe four drill position marks on the mounting surface.
3. For VSLR6 and VSLR8 models, repeat steps 1 and 2 on the other half of the light bar.
4. Before drilling, move the light bar(s) out of the way. Drill 0.199-inch (#8 drill) diameter holes at the scribed drill position marks.
5. Place the light bar in position on the roof. For proper drainage, tilt the nose of the light bar downward, using three mounting pads in back and one mounting pad in front on each bracket.

## Permanent Mounting Kit for the Split Vision SLR

---

- Secure the light bar to the roof using the 1/4 by 3/4-inch black stainless steel thread-forming screws and tighten them securely. The Split Vision SLR should now be solidly anchored to the roof. See Figure 3.



- Ensure that all fasteners are tightened properly.

**IMPORTANT:** Frequently inspect the light bar to ensure that all fasteners and brackets are tight.

### Getting Technical Support

For technical support, please contact:

Federal Signal Corporation  
Service Department  
Phone: 1-800-433-9132  
Fax: 1-800-343-9706  
Email: [empserviceinfo@fedsig.com](mailto:empserviceinfo@fedsig.com)

### Getting Repair Service

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally. Any product returned to Federal Signal for service, inspection, or repair must be accompanied by a Return Material Authorization (RMA). Obtain a RMA from a local Distributor or Manufacturer's Representative. Provide a brief explanation of the service requested, or the nature of the malfunction.

Address all communications and shipments to the following:

Federal Signal Corporation  
Service Department  
2645 Federal Signal Dr.  
University Park, IL 60484-3167



2645 Federal Signal Drive  
University Park, Illinois 60484-3167

[www.fedsig.com](http://www.fedsig.com)

Customer Support  
Police/Fire-EMS: 800-264-3578 • +1 708 534-3400  
Work Truck: 800-824-0254 • +1 708 534-3400  
Technical Support: 800-433-9132 • +1 708 534-3400

© Copyright 2019 - 2020 Federal Signal Corporation