

25500510 Rev A1 1019

## Safety Message to Installers and Users of Warning Lights

### **⚠ 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.
- 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.
- If a vehicle seat is temporarily removed, verify with the vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- Do not stare into the lights at close range, or permanent damage to your eyesight may occur.
- Frequently inspect the light system to ensure that it is operating properly and that it 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.

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

## **Introduction**

The SIFMRVHL-CH17CR is a mounting system used to mount the Center Focus ILS light bar in the rear deck of the 2018 Dodge Charger. The mounting system consists of an aluminum shroud and two powder coated brackets. All needed hardware is included in this kit. The kit is a configured option for use with the Federal Signal Center Focus Deck ILS light bar. See 25500422 for wiring and programming instructions.

## **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.

Table 1 Kit contents

Qty.	Description	Part Number
1	Shroud, Assembly, Deck, SIFM, 17CHGR	862402804
2	Bracket, Deck, SIFM, 17CHGR	862402805
1	Trim Seal, 1/16-inch Edge, 6 mm Bulb	77700500-56
2	Screw, Machine, 1/4-20, Pan, Phillips	7000547A-08
2	Lockwasher, Ext. Tooth, 1/4-inch	7075078A
2	Bolt, Cap, 5/16"-18, Hex	7002A004-16
4	Washer, Flat, Steel, 0.344x11/16x0.063 inch	7072A030
2	Nut, Elastic Stop, Hex, LT Steel, 5/16"-18	7058A011
1	15 A Fuse Kit	8620006A-01

## Mounting the ILS in the Vehicle

### ⚠ WARNING

**AIRBAG DEPLOYMENT:** Do not install equipment or route wiring in the deployment 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.

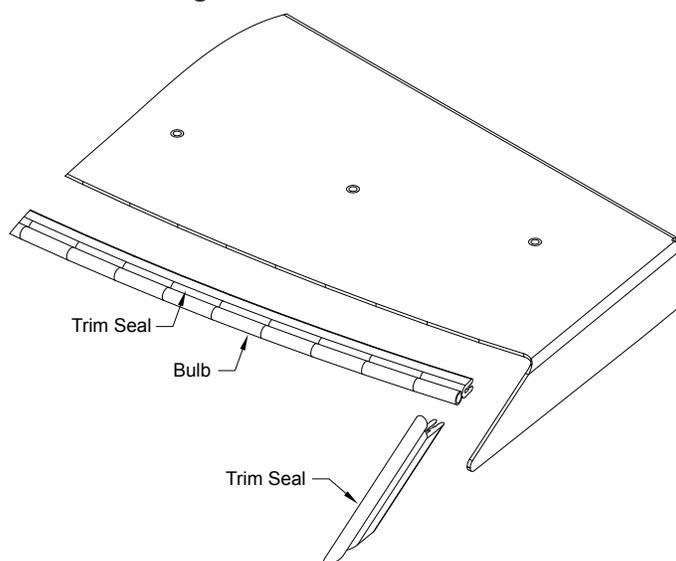
### NOTICE

**DRILLING PRECAUTIONS:** 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 de-burred and all sharp edges should be smoothed. All wires going through drilled holes should be protected by a grommet or convolute/split-loom tubing.

To install the ILS light bar in the rear deck:

1. Install the trim seal on the edges of the shroud that contact the rear window (Figure 1).

Figure 1 Install the trim seal

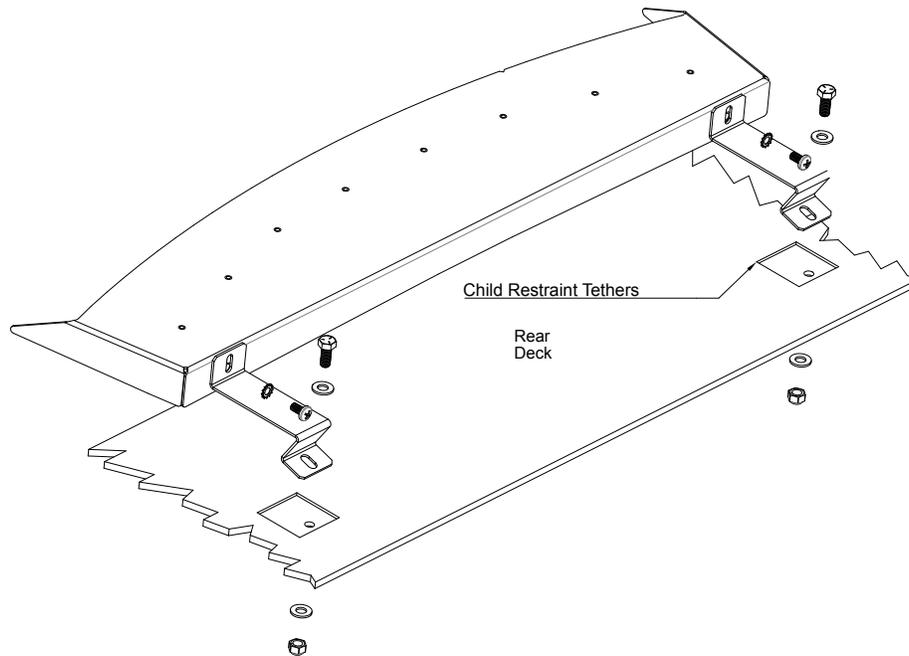


2. Locate the passenger and driver side child restraint tethers and remove the plastic caps.
3. Inside the trunk, remove the plastic panel to access the bottom side of the child restraint tether.

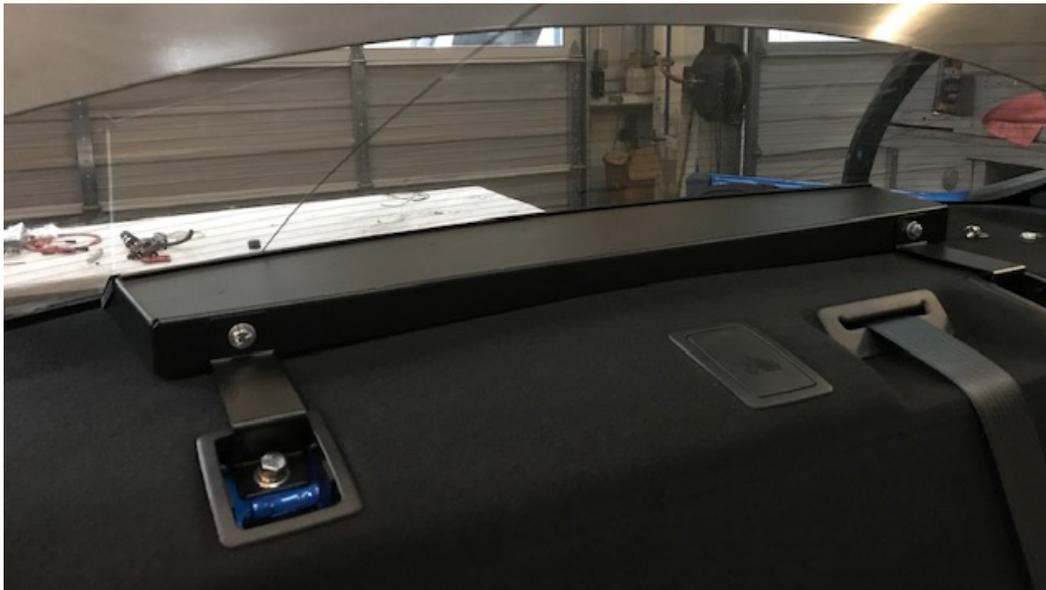
## Mounting the ILS Light Bar in the Rear Deck of the 2018 Dodge Charger

4. Place the shroud assembly on the rear deck and firmly push it against the rear glass.
5. Loosely install the brackets to the shrouds using the supplied 1/4-inch screws and lock washers.
6. Loosely install the brackets to the rear deck using the supplied 5/16-inch bolts, washers, and lock nuts. Refer to Figure 2 and Figure 3.

**Figure 2** Location of first drilled hole in underside of package tray 2018 Charger



**Figure 3** Location of first drilled hole in topside of package tray 2018 Charger



7. Adjust the shroud assembly and tighten all hardware.

## **Getting Technical Support and Service**

For technical support, please contact:

Federal Signal Corporation  
Service Department  
Phone: 1-800-433-9132  
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



**FEDERAL SIGNAL**  
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