

25500213 Rev. A0

## 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. In addition, listed below are some other important safety instructions and precautions you should follow:

- To properly install the lighting and siren systems, 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.
- You should 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, be sure 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.
- Do not stare directly into the lights at a close range or permanent damage to your eyesight may occur.
- 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.

## Mounting Bracket for Perimeter Lights

This publication has instructions for using the IPX-GRL9 Grille Mounting Kit to mount the Impaxx® 300, and Micropulse™ 3 in the grille of the Dodge Charger with Rumbler® siren speakers. The mounting bracket slips between the upper radiator baffle and the radiator core support. Use the IPX-GRL9 kit with the RB-CHGR15 Rumbler kit (see doc. no. 25500215).

## 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 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). Disposal of all shipping materials must be carried out in accordance with national and local codes and standards.

**Table 1** Model IPX-GRL9 mounting kit

Qty.	Description	Part Number
1	Bracket, IPX, with Rumbler, 15Charger	861301302
4	Screw, 6-32, Phillips, Pan Head	7000491-08
4	Nut, 6-32, KEPS, SS	7058A046

## Installing the Lights Behind the Grille

**⚠ 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 PRECAUTION:** 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.

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

To install the lights behind the grille:

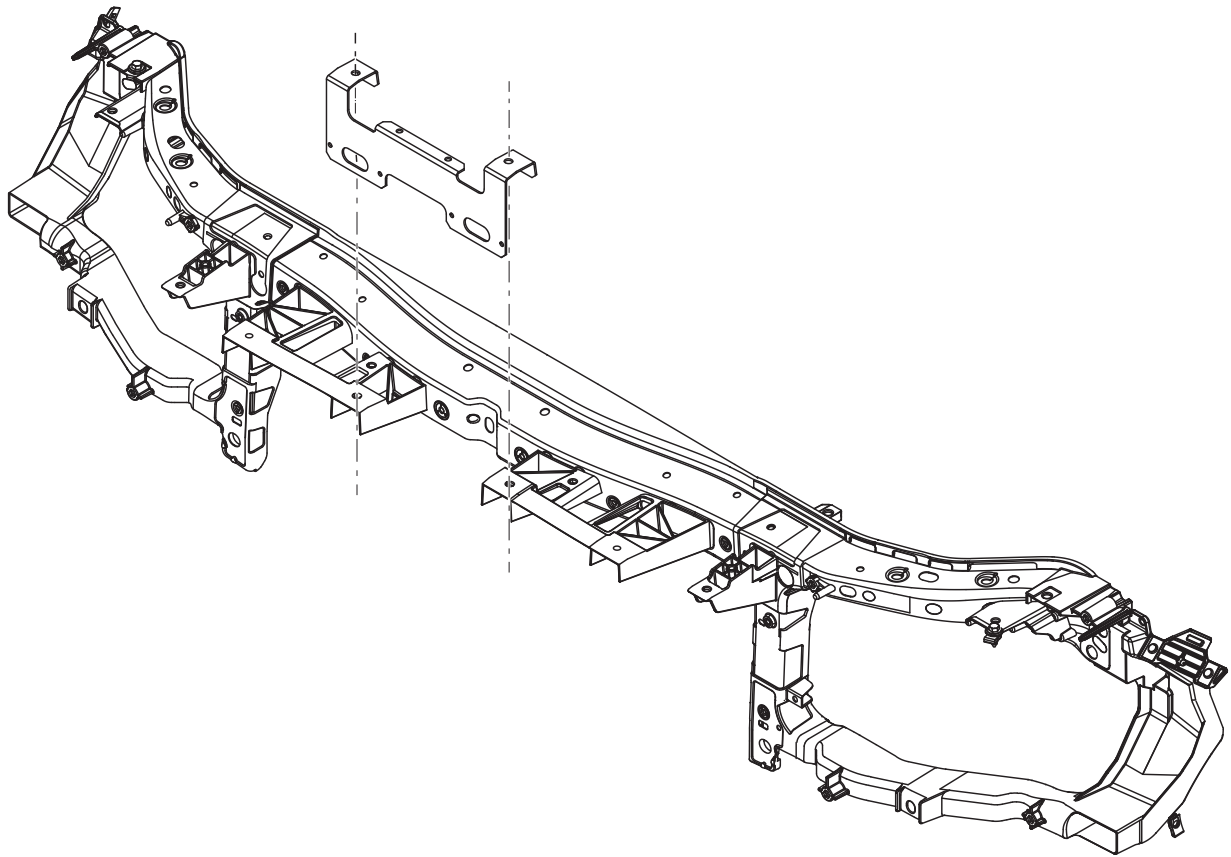
1. Attach the lights to the bracket with the included 6-32 screws and KEPS nuts.
2. Disassemble vehicle per the manufacturer’s service manual to access the radiator core support.
3. Connect the lights as described in the instructions provided with the lights.
4. Secure the bracket to the location shown in Figure 1 with the existing fasteners.

**⚠ WARNING**

**LIGHT HAZARD:** 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.

5. Test the lights for proper operation.
6. Reassemble the vehicle according to the manufacturer’s service manual.

**Figure 1** Mounting location for bracket



## **Getting Technical Support and Service**

Federal Signal Corporation will service your equipment or provide 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 number. The RMA number can be obtained from your local distributor or Federal Signal. Please provide a brief explanation of the service requested or the nature of the malfunction. Contact your local dealer/distributor for replacement parts availability or contact the Federal Signal Service Department (7 a.m. to 5 p.m., Monday through Friday, Central Time) at:

Service Department  
Federal Signal Corporation  
2645 Federal Signal Drive  
University Park, IL 60484-3167  
800-433-9132, 800-343-9706 (fax)

## **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:

Public Safety Systems  
2645 Federal Signal Drive  
University Park, IL 60484-3167  
Attn: Service Department  
RMA: # \_\_\_\_\_

800-433-9132  
800-343-9706 (fax)  
www.fedsig.com

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KEPS is a trademark of ITW Shakeproof.