

25500528 Rev. A0 0119

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 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.
- 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.
- 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.

Mounting Bracket for MB1 Message Board

This publication has instructions for using the MBK06 Mounting Kit to mount the MB1 Message Board in the rear of the Dodge Durango.

NOTE: For electrical installation instructions, refer to the Installation and Maintenance Instructions packed with the Message Board.

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. Disposal of all shipping materials must be carried out in accordance with national and local codes and standards. 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	BRKT, MSG BRD, 18DUR, HATCH	865202815
6	SCREW, HEX.WASHER HD, SS, 1/4" TAB	7011183-12

Installing the Brackets

⚠ 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.

1. To access the rear roof support, remove the trim panel according to the manufacturer’s service manual.
2. Using a sharp utility knife or other tool, trim the headliner in the location shown in Figure 1.

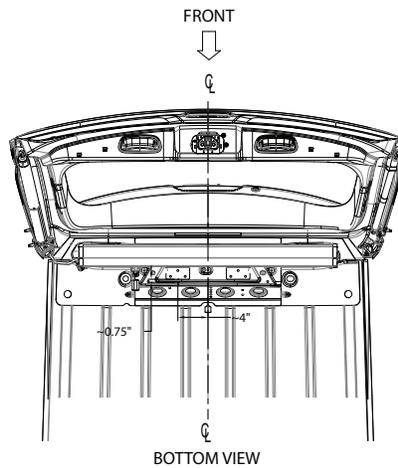
Figure 1 Upper bracket assemblies secured on rear roof support



Trim headliner along this line

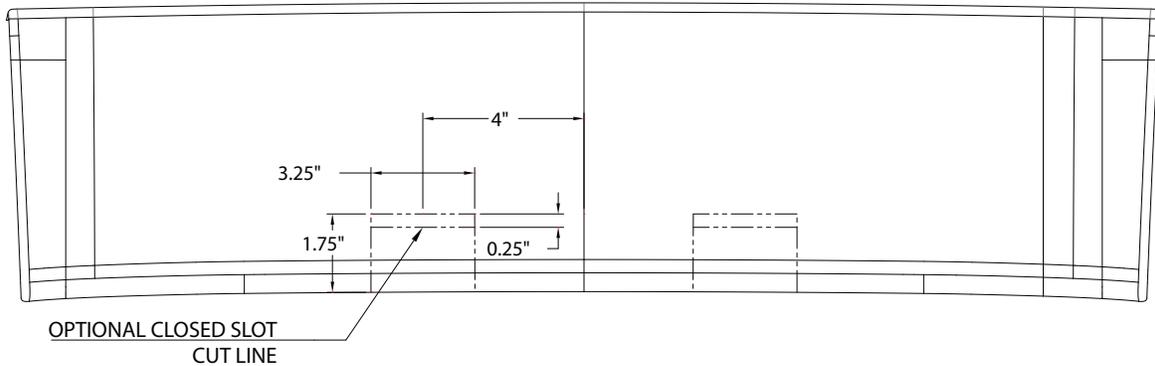
3. Position the brackets as shown in Figure 2 and mark the holes.

Figure 2



4. Drill three 0.209" (#4 drill) holes for each bracket.
5. Mount the brackets to the rear roof support with the six 1/4" screws supplied with this kit.
6. Notch 2 slots in the trim panel as shown in Figure 3. A body panel saw works well. The slots can be open to the front of the panel or they can be closed slots. Closed slots will provide a cleaner final installation but will make the trim panel more difficult to reinstall. Open slots will make the trim panel easier to reinstall but will not give as clean of a final look.

Figure 3



7. Reinstall the trim panel according to the manufacturer's service manual.
8. Mount the MB1 Message Board to the brackets with the hardware supplied with the message board.
9. Complete the installation according to the instructions provided with the Message Board.

⚠ 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.*

10. Test the message board for proper operation.

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

Getting Repair Service

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally. Any units 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

Ordering Replacement Parts

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