

25500712 REV. A0 0321

Safety Message to Installers and Operators 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.
- 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 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. 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. Additionally, all exterior drilled holes must be sealed with Motorcraft® seam sealer T-A-2-B or equivalent to prevent the potential exposure to carbon monoxide or other potentially harmful fumes. Failure to observe this warning could cause serious injury or death.
- 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.

Introduction

The MPSM6-GRL2 is a kit for mounting Federal Signal MicroPulse MP6 light heads behind the grille of a 2021 Chevrolet Tahoe.

Unpacking the Kit

After unpacking the product, inspect it for damage that may have occurred in transit. If it has been damaged or is missing a part, 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 all parts in Table 1 have been included. 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
1	21TAH Driver Side MPS6U Grille Bracket	861303711
1	21TAH Passenger Side MPS6U Grille Bracket	861303712
4	#14 Hex Washer Head TEK Screw	7011243-16
4	6-32 Stainless Steel Phillips Head Machine Screw	7000491-08
4	6-32 Stainless Steel Keps® Nut	7058A046

Installing the Light Heads

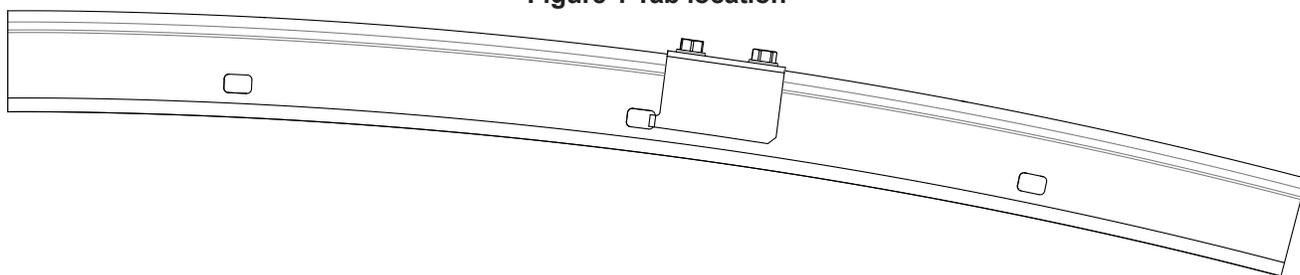
⚠ WARNING

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.

To install the light heads:

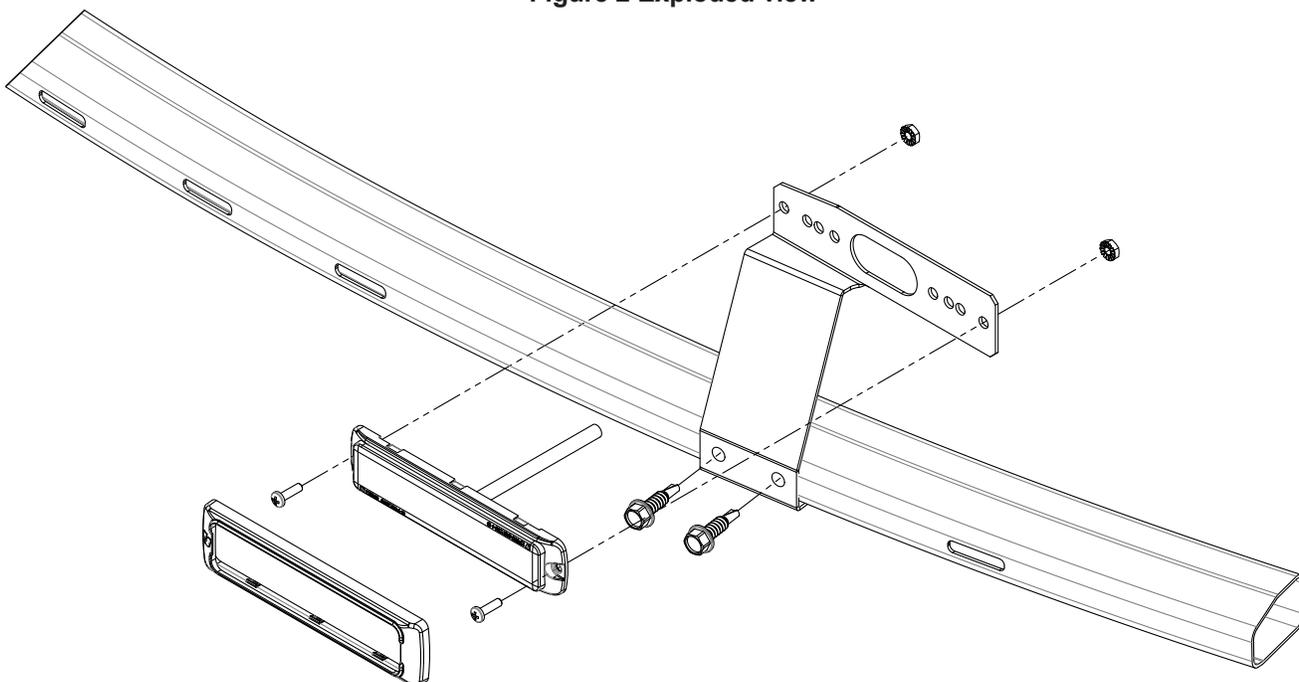
1. Remove the front fascia from the vehicle according to the manufacturer's instructions.
2. Install the driver side bracket to the crossmember using the supplied self-drilling screws. Ensure that the locate tab on the bottom of the bracket is inserted into the hole in the crossmember. See Figure 1 for locate tab. The bracket is designed to be installed using the second hole from the end of the crossmember.

Figure 1 Tab location



3. Install the light head on the bracket using the supplied #6 screws and nuts. See Figure 2 for an exploded view.

Figure 2 Exploded view



4. Repeat steps 1-3 for the passenger side.

Figure 3 Bracket



5. Complete the wiring according to the instructions supplied with the light heads.
6. Test the light heads for proper operation.
7. Reinstall the front fascia according to the vehicle manufacturer's instructions.

⚠ 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 close range. Do not stare directly into the lights at a close range, or permanent damage to your eyesight may occur.

Getting Technical Support and Service

For technical support, please contact:

Federal Signal Corporation
Service Department
Phone: 1-800-433-9132
Email: emp-service-info@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

Limited Warranty

This product is subject to and covered by a limited warranty, a copy of which can be found at www.fedsig.com/SSG-Warranty. A copy of this limited warranty can also be obtained by written request to Federal Signal Corporation, 2645 Federal Signal Drive, University Park, IL 60484, email to info@fedsig.com or call +1 708-534-3400.

This limited warranty is in lieu of all other warranties, express or implied, contractual or statutory, including, but not limited to the warranty of merchantability, warranty of fitness for a particular purpose and any warranty against failure of its essential purpose.



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