25501066 Rev A0 0226

Safety Messages for Installers of Warning Light Equipment

⚠ WARNING

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with the products. 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 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.
- 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.

Introduction

This publication has instructions for using the DFC-WG-TAH25 mounting kit to mount one or two MPSM6U light heads and window guards to the 2025+ Chevrolet® Tahoe®.

NOTE: For electrical installation instructions, refer to the installation and maintenance instructions packed with the light head.

Unpacking the Product

After unpacking the product, 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. Failure to identify damage before installation could lead to the rejection of any claim. Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts listed are included in the package. If you are missing any parts, contact Federal Signal Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT).

Table 1 DFC-WG-FPIU25 Kit Contents

Qty.	Description	Part No.
8	#6-32 Stainless Steel Phillips® Machine Screw	7000491-08
4	#8 X 3/4 TYP TT Pan Head Screw	70000143-06
16	#8 X 3/4-inch Thread-Forming Screw	70001680-14
8	#8 X 3/4 Stainless Steel Keps® Hex Nut	7058046
1	25 Tahoe® Rear Door Driver-Side Window Guard	806405122
1	25 Tahoe Rear Door Driver-Side Window Guard Cover	806405125-DS
1	25 Tahoe Rear Door Passenger-Side Window Guard	806405129
1	25 Tahoe Rear Door Passenger-Side Window Guard Cover	806405125-PS

Installing the Bracket

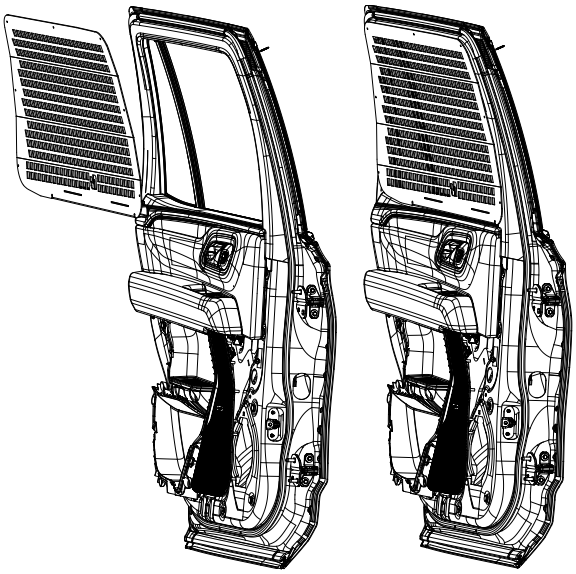
⚠ WARNING

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 rear driver window guard onto a 25+ Chevrolet® Tahoe:

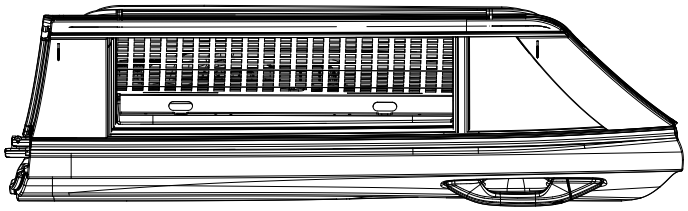
1. Place the window guard onto the driver-side door trim. See Figure 1.

Figure 1 Window Guard Alignment (Driver side shown)



2. Using a marker, mark the center of each slot within the channel on the opposite side of the door. Ensure that the window guard does not shift from its alignment. (Mark only the location/locations where the MPSM6U/MPSM6Us are to be mounted onto the window guard.) See Figure 2

Figure 2 Marking Hole Locations (Driver side shown)



NOTICE

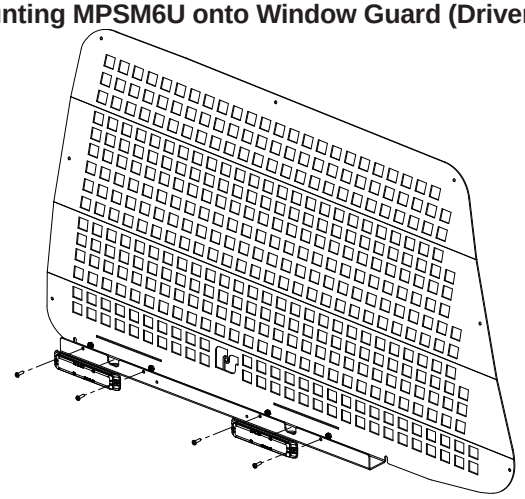
DRILLING PRECAUTIONS: When drilling holes, check the area you are drilling into to ensure that you do not damage vehicle components. All drilled holes should be deburred, and all sharp edges should be smoothed. All wire routings going through drilled holes should be protected by a grommet or convolute/split loom tubing.

3. Remove the door panel according to vehicle manufacturer's instructions. Once the door panel is removed, use a 1/2-inch drill bit to drill out the one or two wire holes marked.

4. Reinstall the vehicle door trim. Be sure to leave 10 inches of wire exposed past the door trim for wiring the MPSM6U light.

5. Using the 6-32 Machine Screws and Keps® nuts, mount one or two MPSM6U lights onto the window guard as shown in Figure 3.

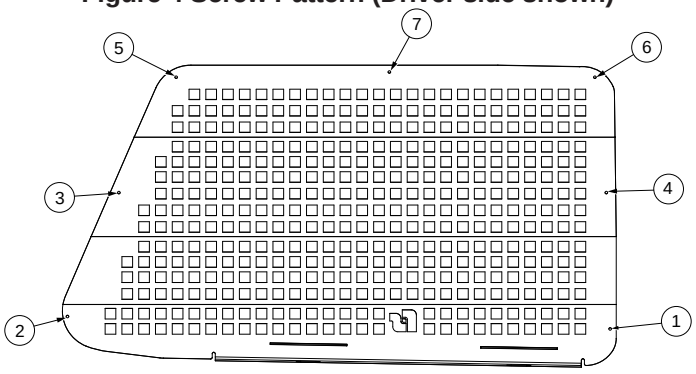
Figure 3 Mounting MPSM6U onto Window Guard (Driver side shown)



6. After the MPSM6U or MPSM6Us have been mounted onto the window guard, realign the window guard onto the vehicle door trim. Run the excess wiring from step 4 through the channel of the window guard.

7. Use seven of the #8 X 3/4-inch thread-forming screws to attach the window guard to the vehicle. Follow the pattern shown in Figure 4 for ease of installation.

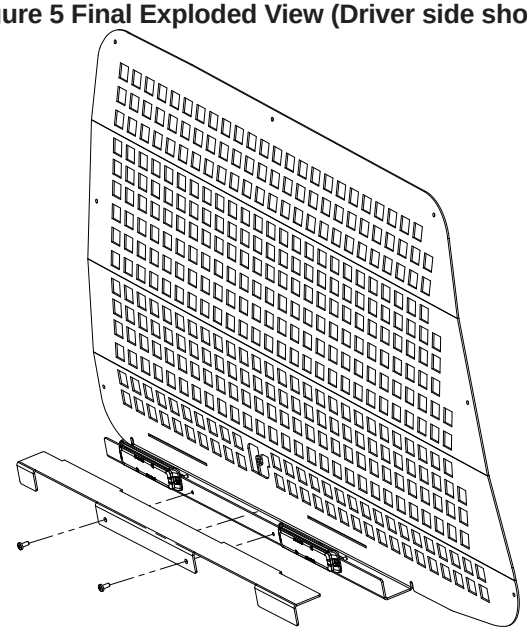
Figure 4 Screw Pattern (Driver side shown)



8. Once the window guard is secure, close the vehicle door and complete the wiring for one or two MPSM6Us according to the instructions supplied with the light heads. Cut any excess wire. Use only what you need, or you could encounter difficulty in placing the cover in the following step.

9. Use two of the #8-32 Pan Head, TYP TT screws to secure the cover onto the window guard to hide and secure the wiring. See Figure 5.

Figure 5 Final Exploded View (Driver side shown)



10. Repeat Steps 1-9 for the passenger's side.

⚠ 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.

11. Test the lights for proper operation

Getting Technical Support

For technical support, please contact:

Federal Signal Corporation
Service Department
Phone: 1-800-433-9132
Email: empserviceinfo@fedsig.com

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