# MPSM6-TA15RS Mounting Kit for MicroPulse™ 6 on the Rear Spoiler of the Chevy Tahoe

25500149 REV. A0 1114

## Safety Messages for Installers of Warning Light Equipment

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

- To properly install this light, you must have a good understanding of automotive electrical procedures and 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.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- Locate the light control so the VEHICLE and CONTROL can be operated safely under all driving conditions.
- Do not attempt to activate or deactivate the light control while driving in a hazardous situation.
- You should frequently inspect the light to ensure that it is operating properly and that it is securely attached to the vehicle.
- This product contains high-intensity LEDs. Do not stare directly into the lights at a close range or permanent damage to your eyesight may occur.
- 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.

**Description** Qty. **Part Number** Bracket, spoiler, Tahoe, driver-side 1 861300911-DS 1 Bracket, spoiler, Tahoe, passenger-side 861300911-PS 1 Cover, DS, spoiler, Tahoe 861300951-DS 1 Cover, PS, spoiler, Tahoe 861300951-PS 7011183-12 Screw, hex washer-head HD, SS, 1/4" 6 Lockwasher, SS, 1/4" 7074A016 Screw, 8-32 TT, 6-lobe, black 8 70000143-06 Screw, 6-32 machine, Phillips pan-head, SS 70000491-08 12 Nut, Keps, 6-32 SS 7058A046 12

Table 1 Mounting kit contents

## **Installing the MPSM6-TA15RS Mounting Bracket Kit**

## **▲** 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.

## **▲** 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.

### NOTICE

DRILLING PRECAUTIONS—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 mounting bracket kit:

- 1. Following the vehicle manufacturer instructions, remove the rear spoiler assembly.
- 2. See Figure 1. With the upper and lower spoiler still assembled, position the brackets as shown, and mark the six mounting holes.
- 3. With a 3/16" drill, drill the mounting holes through both layers (approximately 1/2" deep)
- **4.** If you are routing wiring between the upper and lower spoiler, remove the lower spoiler, drill the appropriate access holes and route and dress wires, then reinstall the lower spoiler.
- **5.** Mount the brackets with 1/4" hex-head screws and 1/4" lockwashers.
- **6.** Install the lightheads (not included) to both brackets with the supplied 6-32 screws and Keps nuts.
- 7. Reinstall the spoiler.
- **8.** Complete the wiring per the instructions supplied with the lightheads.
- 9. See Figure 2 on page 4. Install the cover plates with the black 8-32 thread-forming screws.
- **10.** Test the lights for proper operation.

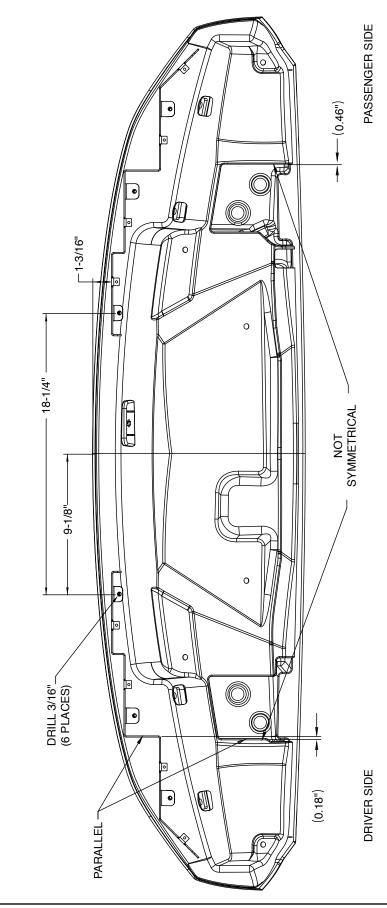


Figure 1 Dimensions for the positions of the mounting brackets

8-32 SCREWS
8 PLACES:
4 PER SIDE

Figure 2 Cover attached to mounting bracket

# **Getting Technical Support and Service**

For technical support and service, please contact:

Service Department

Federal Signal Corporation Phone: 1-800-433-9132 Fax: 1-800-343-9706

Email: empserviceinfo@fedsig.com



2645 Federal Signal Drive, University Park, IL 60484-3167 Tel.: (800) 264-3578 • Fax: (800) 682-8022 www.fedsig.com

© 1014 Federal Signal Corporation MicroPulse is a trademark of Federal Signal Corporation.