



## **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 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 Kit**

This publication has instructions for using the MPSM6-FPISSM Mounting Kit to mount Micropulse 6 Ultra or Micropulse 9 Wide Angle lightheads to the side vents of the Ford Police Interceptor Sedan.

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

## **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 on page 2 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** MPSM6-FPISSM kit contents

Qty.	Description	Part Number
1	Bezel, MPS, DS, FPIS Side Marker	861300940-DS
1	Bezel,MPS, PS, FPIS Side Marker	861300940-PS
1	Bracket, MPS, DS, FPIS Side Marker	861300941-DS
1	Bracket, MPS, PS, FPIS Side Marker	861300941-PS
2	Grommet, Split Web	228134
4	Screw, #10 Type B, Six Lobe Pan, Black SS	7011246-08
4	Screw, #6 Type AB, Phillips Pan, SS	7011205-16
2	Cable Tie	150A146

## Installing the 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.

### **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:

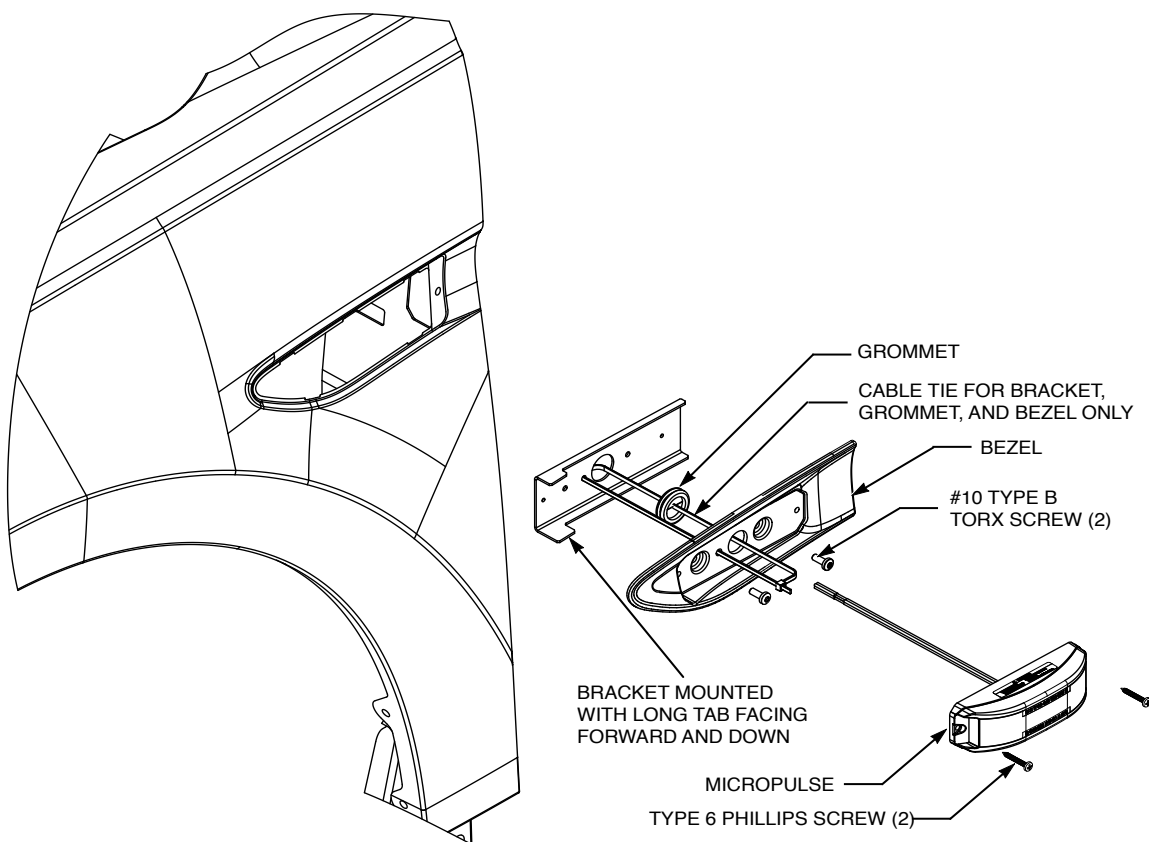
1. Install a grommet in a bracket. The cable tie is an assembly aid that will be removed. Loop a cable tie through the 3/4 inch hole in bezel, the grommet and bracket, and back through the 0.22 diameter hole in the bracket and bezel. Secure the tie just one or two clicks, so the assembly is quite loose.
2. Slide the bracket into the fender. The long tab is forward and down.
3. Pull the bracket up to the inside of the fender with the cable tie. Hold the bezel to the fender and start both #10 screws. Adjust as necessary, then tighten the #10 screws. **Do not overtighten the screws.**
4. Remove cable tie and make wire connections.
5. Using the #6 screws supplied, mount the lighthead. The screws pass through the bezel and thread into the aluminum bracket. **Do not overtighten the screws.**
6. Repeat the steps above for other 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.

7. Test the lights for proper operation.

**Figure 1** Micropulse mounted on driver side vent



## 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](mailto:empserviceinfo@fedsig.com)

## Ordering Replacement Parts

To order replacement parts, please contact your local dealer/distributor or:

Customer Support  
Federal Signal Corporation  
Phone: 1-800-264-3578

## **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:

Federal Signal Corporation  
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](http://www.fedsig.com)

2645 Federal Signal Drive, University Park, IL 60484-3167

Tel.: (800) 264-3578 • Fax: (800) 682-8022

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**Figure 2** Cover attached to mounting bracket



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