

25500615 Rev. A0 1219

Safety Message to Installers of Warning Light Equipment

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.
- 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.

Fog Light Bracket Assembly

This publication has instructions for using the MPS6U-FPIU20FOG Mounting Kit to mount a pair of MicroPulse® MPS300 or MPS600 lightheads to the fog light location of the Ford Police Interceptor Utility.

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

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. 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
4	#6-32 Phillips Pan Head Stainless Steel Screw	7000491-08
4	#6-32 Stainless Steel KEPS Nut	7058A046
4	#10 Type B Pan Head Torx Steel Black Zinc Screw	7011246-08
1	20FPIU Driver Side Fog Light MPSU Bracket	861303246
1	20FPIU Passenger Side Fog Light MPSU Bracket	861303247

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.

⚠ WARNING

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 fog light bracket:

1. Remove the front fascia according to the vehicle manufacturer's instructions.
2. Position the bracket in the fog light area as shown in Figure 1. Using the bracket as a template, mark two mounting holes and a wire access hole.

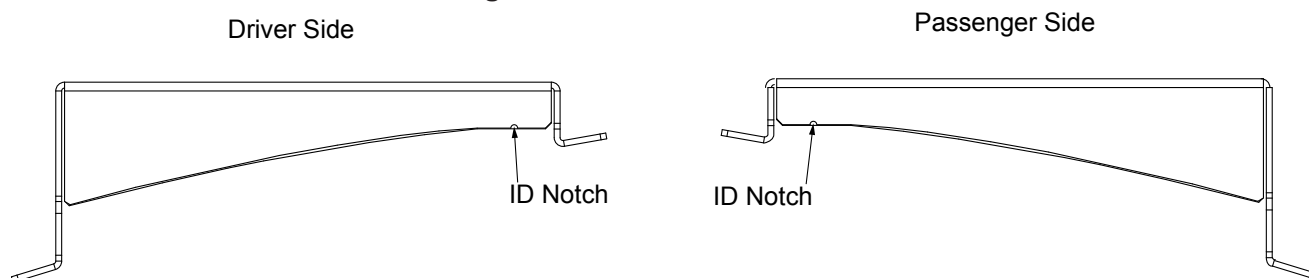
Figure 1 Bracket positioning



3. Drill two 5/32-inch mounting holes and a hole for wire routing.

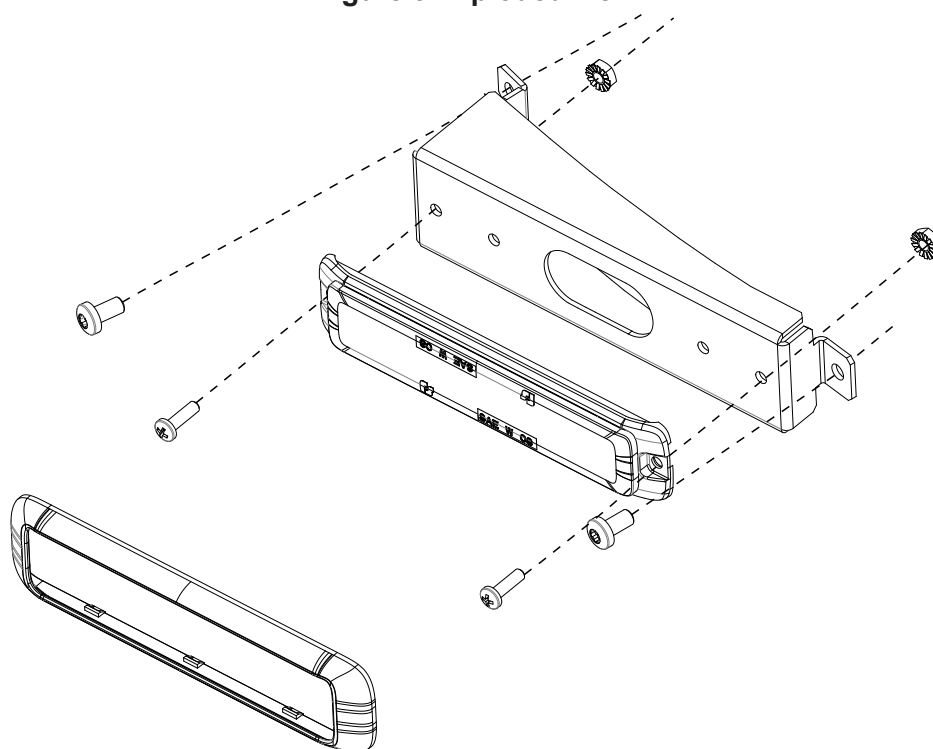
4. Identify the correct bracket using Figure 2. Install the light head to the bracket using the provided #6-32 nuts and screws.

Figure 2 Bracket identification



5. Install the bracket/light head assembly to the fog light location using the provided #10 Type B six-lobe screws. See Figure 3 for an exploded view.

Figure 3 Exploded view



6. Repeat steps 2-5 for the opposite side.
7. Reinstall the front fascia according to the vehicle manufacturer's instructions.
8. Complete the wiring according to the instructions supplied with the light heads.

⚠ 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.

9. Test the lights for proper operation.

Getting Technical Support and Service

For technical support and service, please contact:

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



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