

25500616 Rev. A1 0320

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.
- 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.

Wheel Well Arch Wedges

This publication has instructions for using the MPSM6U-FPIU20WW Mounting Kit to mount one MicroPulse® MPS6 light head to each of the four wheel well arches on 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	MPS6U 20FPIU Wheel Arch Molding	861303264
8	#6-19 Hi-Lo Pan Head Screw	7017A035-16

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

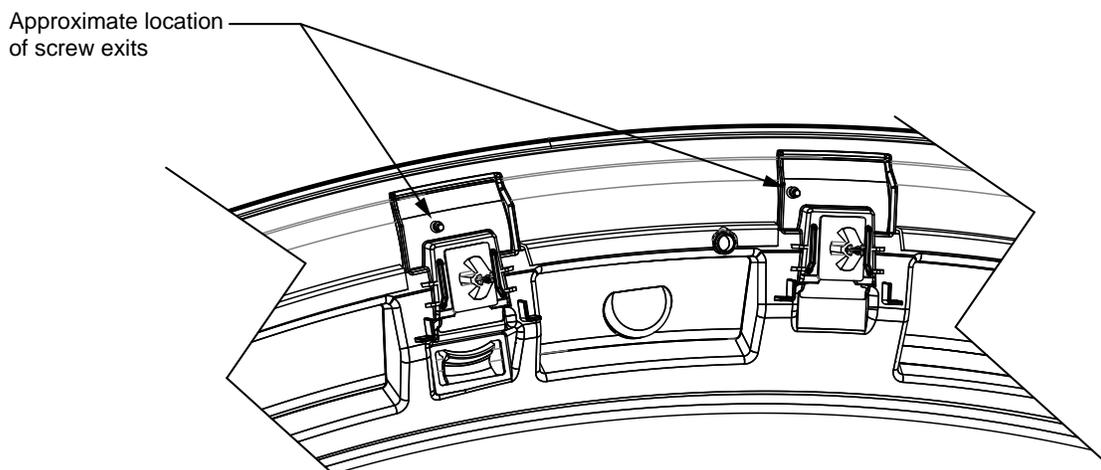
DRILLING PRECAUTIONS: When drilling holes, check the area you are drilling into to ensure that you do not damage vehicle components. All drilled holes should be deburred, and all sharp edges should be smoothed. All wire routings going through drilled holes should be protected by a grommet or convolute/split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

IMPORTANT: Plan all cable routing before the installation.

To install the wedge and light head:

1. Hold the wedge up to the wheel well arch and ensure that it is level and at the apex of the wheel well.
2. Mark the two mounting holes and a hole in the center for wire routing.
3. Remove the wedge from the vehicle.
4. Remove or partially remove the wheel well arch from the vehicle per the manufacturer's instructions.
5. Inspect the backside of the plastic arch to ensure that the screws will not hit any plastic ribs or mounting features. See Figure 1.

Figure 1 Plastic arch (Front shown)



6. With the drill perpendicular to where the front of the light head would be, drill two 7/64-inch holes in the two previously marked outside locations.
7. Drill a 1/2-inch hole in the center for routing the wire.
8. Prepare the wire routing hole by removing all burrs and sharp edges.
9. Feed the wires through the wedge and the wire routing hole.
10. Connect the wire leads as described in the MicroPulse® installation manual, taking care to protect the connections from the environment.

11. Install the light head and the wedge to the vehicle using the provided #6 screws. Do not overtighten. See Figure 2 for an exploded view, and Figure 3 for a finished installation photo.

Figure 2 Exploded view

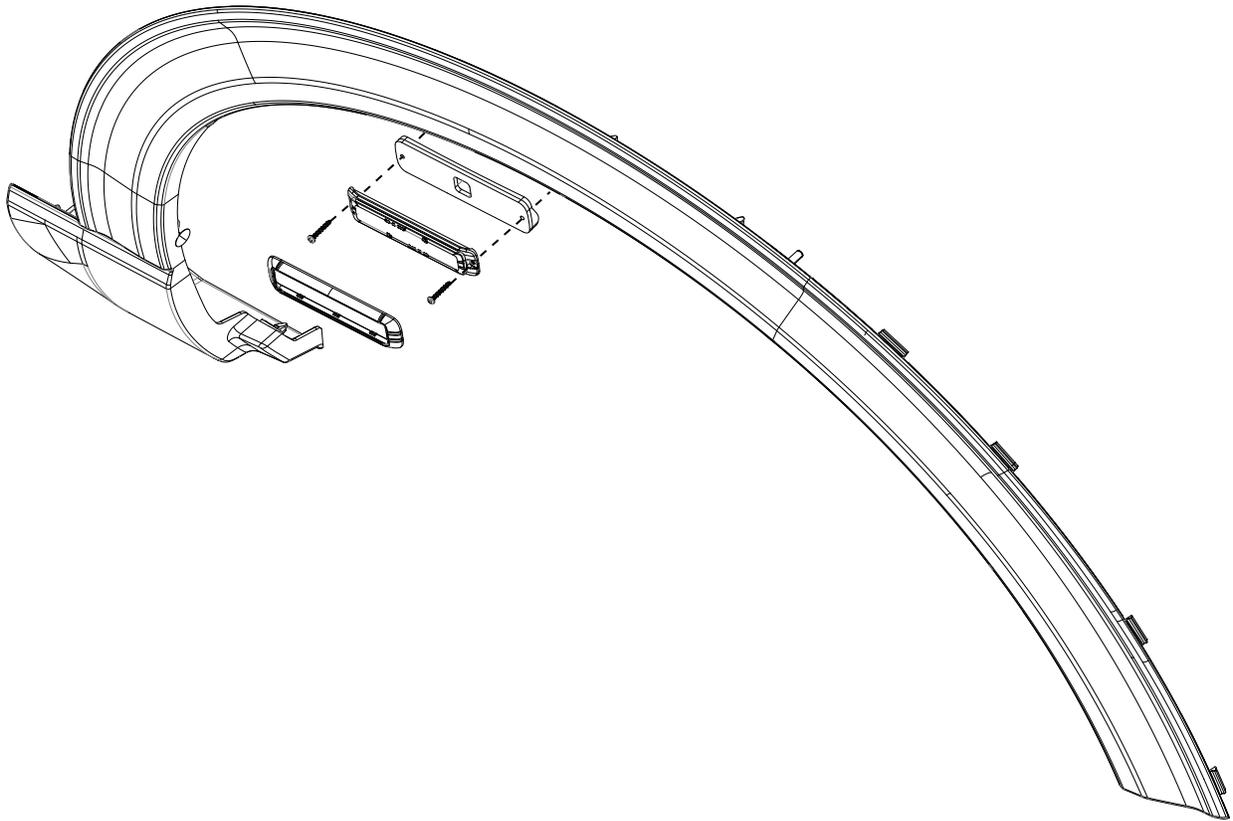


Figure 3 Installation complete



12. Repeat steps 1-11 for the other three wheel well locations.

⚠ 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.*

13. 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 an 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.



FEDERAL SIGNAL
Safety and Security Systems

2645 Federal Signal Drive
University Park, Illinois 60484-3167

www.fedsig.com

Customer Support	
Police/Fire-EMS:	800-264-3578 • +1 708 534-3400
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Technical Support:	800-433-9132 • +1 708 534-3400

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