



FEDERAL SIGNAL
Safety and Security Systems

Wedge Mounting Kit

for MicroPulse® MPS6U Light Heads
on the Outer Mirrors of the
2020 Ford Police Interceptor Utility Vehicle

Installation Instructions

25500611

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Limited Warranty

This product is subject to and covered by a limited warranty, a copy of which can be found at www.fedsig.com/SSG-Warranty. A copy of this limited warranty can also be obtained by written request to Federal Signal Corporation, 2645 Federal Signal Drive, University Park, IL 60484, email to info@fedsig.com or call +1 708-534-3400.

This limited warranty is in lieu of all other warranties, express or implied, contractual or statutory, including, but not limited to the warranty of merchantability, warranty of fitness for a particular purpose and any warranty against failure of its essential purpose.



FEDERAL SIGNAL
Safety and Security Systems

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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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Safety Messages for Installers of Warning Lights

⚠ 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 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, ensure 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.
- Frequently inspect the light to ensure that it is operating properly and that it is securely attached to the vehicle.
- This product mounts 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.

Mounting the Light Head

Product Overview

These instructions describe how to use the wedge kits to mount MicroPulse MPS6U LED light heads to the exterior mirrors of the 2020 Ford Police Interceptor Utility vehicle.

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 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 Kit Contents

Qty.	Description	Part Number
2	20 FPIU Mirror Wedges	861303224
4	#6 Self-Threading Screw	7011205-16

Mounting the Light Head

IMPORTANT: Plan all cable routing before the installation.

⚠ WARNING

AIRBAG DEPLOYMENT: Do not install equipment or route wiring in the deployment path of an airbag. Failure to observe this warning can reduce the effectiveness of the airbag or potentially dislodge the equipment, causing serious injury or death.

To mount the light head:

1. See Figure 1 for mounting location.

Figure 1 Light Head Location



2. Hold the light head with the wedge on the mirror in the proper location.
3. Using the wedge and light head as a template, mark the screw locations so that the screws are perpendicular, or 90 degrees, to the front of the light head.
4. Remove the wedge and light head.
5. Depending on the thickness and the type of material of the mounting surface, select a 7/64" (0.1094") bit or a 1/8" (0.125") bit.

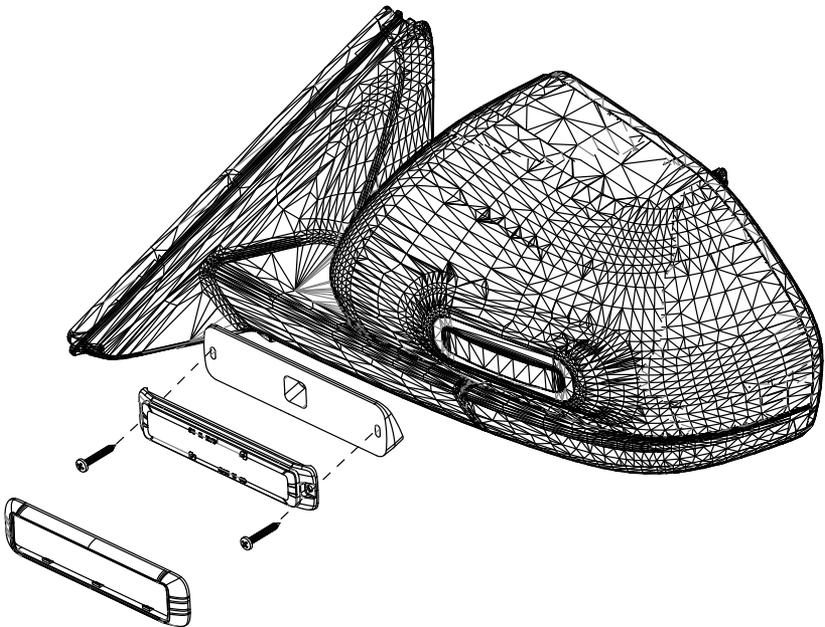
NOTICE

DRILLING PRECAUTION: When drilling holes, check the area you are drilling into to ensure 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.

Mounting the Light Head

- 6.** With the drill perpendicular to where the front of the light head would be, drill holes for the mounting kit screws.
- 7.** Drill a 1/2-inch hole through which the wires will pass.
- 8.** Prepare the wire-routing hole by removing all burrs and sharp edges.
- 9.** Feed the wires through the wedges 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.** Attach the light head and wedge to the mounting surface with the provided #6 self-threading screws. See Figure 2 for exploded view.

Figure 2 Exploded View



- 12.** Repeat steps 2-11 for the opposite mirror.

NOTICE

DO NOT OVERTIGHTEN THE SCREWS: To avoid damage to the light head, do not overtighten the screws.

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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