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Safety Message to Installers of Warning Light Equipment

⚠ WARNING

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. 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.

MPSM6-FRD15RB Mounting Kit

This publication has instructions for using the MPSM6-FRD15RB Mounting Kit to mount six MicroPulse MPS6U lightheades to the running boards of the Ford F-150.

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

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 Hardware

Description	Part No.	Qty.
Bracket, MPS, Running Board, F-150	861303006	6
#6-32 Phillips Panhead Screw, Stainless Steel	7000491-08	12
#6-32 Keps Nut, Stainless Steel	7058A046	12
#10 Type B Screw, 6-Lobe, Black	7011246-06	12

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.

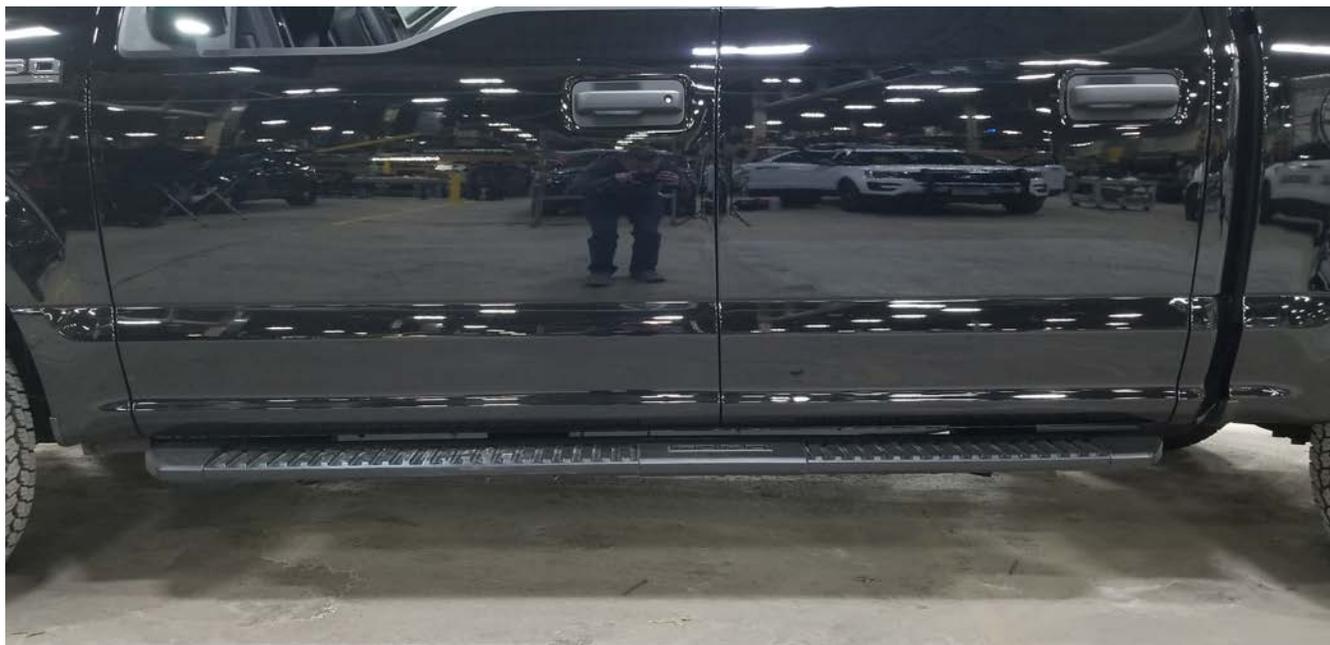
⚠ WARNING

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. This bracket kit was designed for use with vehicles equipped with the running boards shown in Figure 1.

1. Three brackets are to be installed on each side of the vehicle. They should be spaced evenly along the length of the running boards. Plan bracket position accordingly.

Figure 1 Running Board



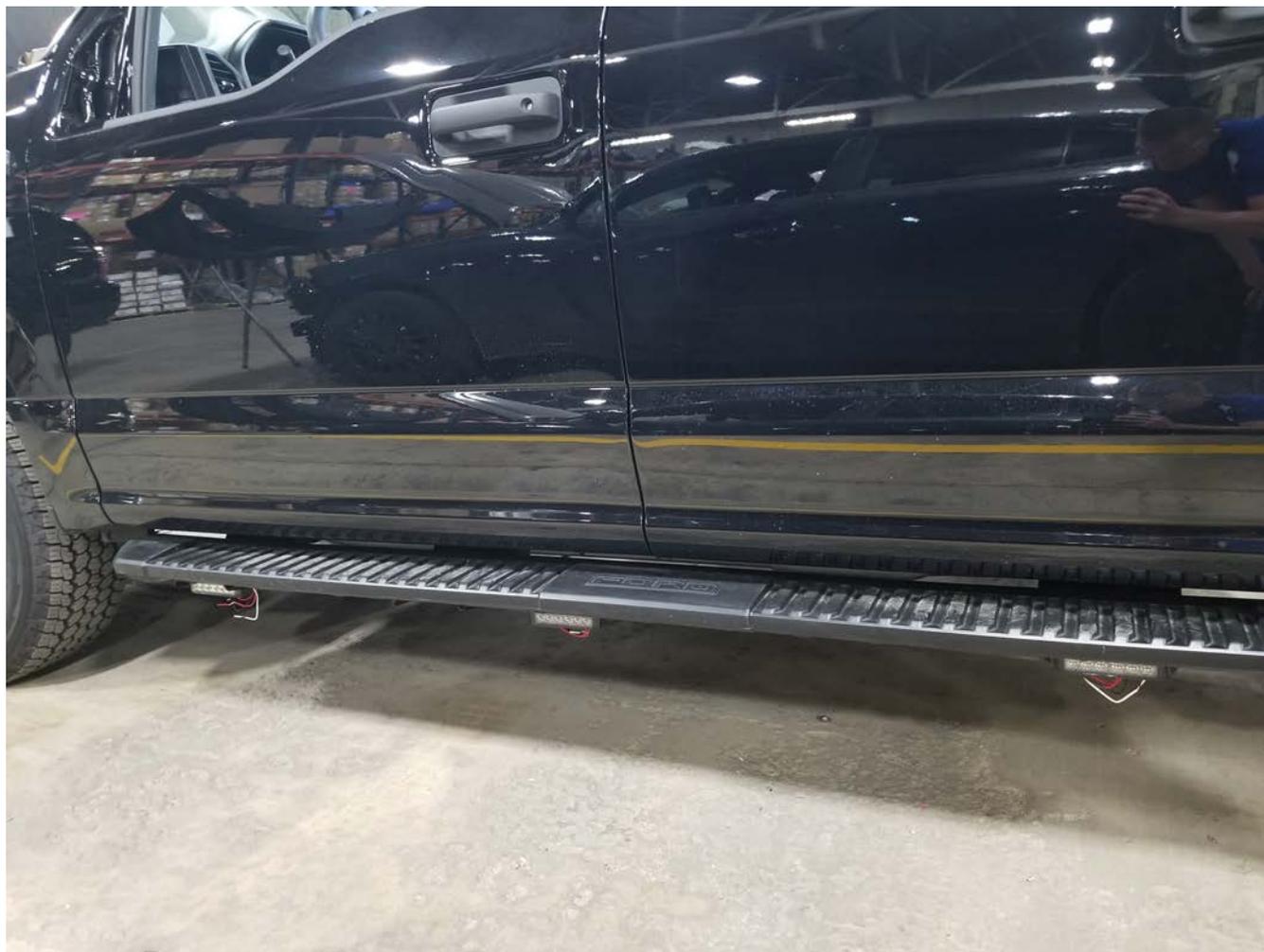
2. Position the bracket on the running board as shown in Figure 2 and mark two mounting holes.

Figure 2 Bracket and Wiring



3. Drill two 5/32 in (0.156 in) mounting holes.
4. Install the bracket to the running board with the supplied #10 screws.
5. Install the light head to the bracket using the supplied #6 nuts and screws.
6. Repeat steps 2-5 for the 5 other locations. See Figure 3 for completed installation.
7. Complete the wiring according to the instructions supplied with the light heads.

Figure 3 Completed Installation



8. Test the lights for proper operation.

⚠ 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.

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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2645 Federal Signal Drive
University Park, Illinois 60484-3167

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Customer Support

Police/Fire-EMS: 800-264-3578 • +1 708 534-3400

Work Truck: 800-824-0254 • +1 708 534-3400

Technical Support 800-433-9132 • +1 708 534-3400