

Safety Message to Installers of Warning Light Equipment

⚠ 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. In addition, listed below are some other important safety instructions and precautions you should follow:

- To properly install a light assembly, you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.
- Before drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- You should frequently inspect the light system to ensure that it is operating properly and that it is securely attached to the vehicle.
- 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 to you or others.

Mounting Brackets for IMPAXX™ Lightheads

This booklet has instructions for using the IPX-LPF1 brackets for mounting IMPAXX lightheads on left and right sides of a vehicle's license plate.

Unpacking the Kit

After unpacking the kit, carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts listed in Table 1 on page 2 are contained in the packing carton.

This installation requires user-supplied hardware to attach the license plate to the vehicle. The IMPAXX lightheads do not require the bezel.

Table 1: Kit contents

Qty.	Description	Part Number
1	Bracket, LPF Center	8613164
2	Bracket, LPF Retainer	8613165
2	Grommet, "D", Split	228132
2	Screw, #10, Type B, Pan-Head, TORX, Steel	7011246A-06

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

Mounting the Lightheads and Brackets

IMPORTANT: Plan all cable routing before the installation.

1. Insert the two “D” grommets in the center bracket and mount the center bracket to the license plate with user-supplied hardware (Figure 1).
2. Route wires from the lighthead through the “D” grommet.
3. Insert the tab on IMPAXX lighthead into the center bracket’s vertical slot.
4. Hook the retainer bracket in the center bracket’s horizontal slot. Swing the retainer bracket down and insert the tab on the IMPAXX lighthead into the vertical slot.

NOTICE

DO NOT OVERTIGHTEN SCREWS

To avoid damage to the lightheads do not overtighten the screws.

5. Secure the retainer bracket to the center bracket with the TORX screws.
6. Repeat steps 1 through 5 on other side.

NOTICE

DRILLING PRECAUTIONS

Before drilling holes, check the area you are drilling into to be sure you do not damage vehicle components while drilling. All drilled holes should be de-burred 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.

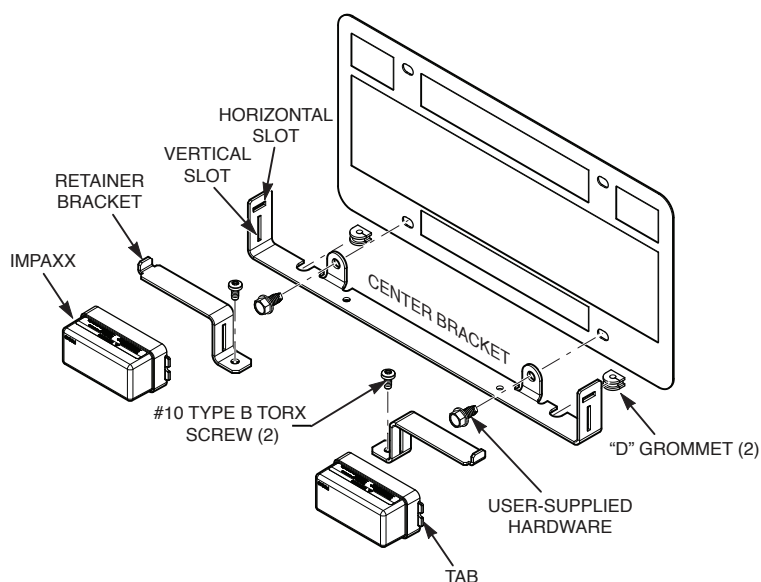
7. Connect the IMPAXX lightheads as described in the instructions provided with the lightheads.

⚠ 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.*

8. Test the lightheads for proper operation.

Figure 1 IMPAXX lightheads mounted to license plate



Ordering Replacement Parts

Contact your local dealer/distributor for replacement parts availability or contact the Federal Signal Service Department at:

Service Department
 Federal Signal Corporation
 2645 Federal Signal Drive
 University Park, IL 60466
 800-433-9132
 800-343-9706 (fax)
empserviceinfo@fedsig.com

IMPAXX and VIPER are trademarks of Federal Signal Corporation.

TAPTITE 2000 and TORX are registered trademarks of Acument Global Technologies Inc

© 2017 Federal Signal Corporation.