

Safety Message to Installers 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. 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.
- This product contains high-intensity LEDs. Do not stare directly into the lights at 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.

Product Overview

This publication has instructions for using the IPX-HL1 Mounting Bracket Kit to mount IPX6 lightheads to the visor clips in the front headliner of the Ford Interceptor Sedan.

NOTE: For electrical installation instructions, refer to the Installation and maintenance Instructions packed with the IPX6 lighthead.

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 on page 2 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
2	Bracket, Visor Inner
1	Shroud, Front, Driver
1	Shroud, Front, Passenger
2	#8 x 1/4 Lg Pan Hd Phil Type AB Black Oxide Screw
2	Sealing Strip

Mounting the Speaker

⚠ 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.

IMPORTANT: Before you begin the installation, plan all wire routing.

1. Remove the screws from the back of the IPX6 lightheads.



2. Install the #10-32 studs with lockwashers (supplied with the lighthead) over the long end of the stud and tighten them.

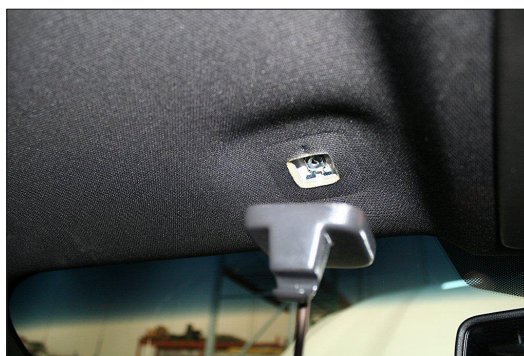


Installation Instructions for the IPX-HL Mounting Bracket Kit

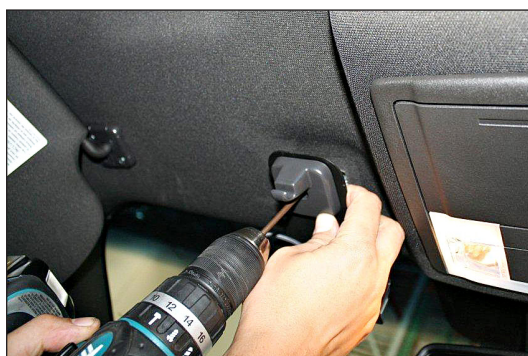
3. Place the IPX6 lighthouse on the visor clip bracket as shown. Align the holes with the studs and secure them with the #10-32 KEPS nuts supplied with the lighthouse.



4. Remove and retain the driver-side visor clip and screw.

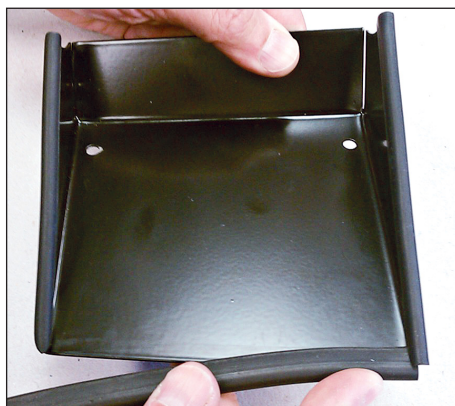


5. Place the visor clip bracket with the attached IPX6 lighthouse between the visor clip and the headliner. Secure the assembly with the visor clip screw. To ensure a flush fit, it may be necessary to remove some of the extra-long plastic material surrounding the mounting hole for the visor clip (right).



Installation Instructions for the IPX-HL Mounting Bracket Kit

6. Place the sealing strip on the edges of the shroud that make contact with the windshield. Cut it to length. To hold the sealing strip in place, it may be necessary to apply a drop of “superglue” or the equivalent.



7. Make sure that you use the proper shroud (driver side or passenger side). Then position, align, and secure the shroud to the visor clip bracket with the provided #8 pan-head screws.



8. Some adjustments may be necessary to adjust the position of the visor clip bracket to ensure a proper fit to the vehicle contours. Ensure the shroud is tight against the windshield and tighten all hardware.



9. Repeat the steps above for the passenger side of the headliner.
10. Route and make all proper wire connections. Refer to IPX6 wiring instructions.
11. Test the lights for proper operation.