

25500665 A0 0820

Safety Message for Installers of Sound/Light Systems

⚠ 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. Listed below are some other important safety instructions and precautions you should follow.

Before Installation

Qualifications

- To properly install an electronic siren, you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and service of safety warning equipment. Always refer to the vehicle's service manuals when performing equipment installations on a vehicle.

Sound Hazards

- Your hearing and the hearing of others, in or close to your emergency vehicle, could be damaged by loud sounds. This can occur from short exposures to very loud sounds, or from longer exposures to moderately loud sounds. For hearing conservation guidance, refer to federal, state, or local recommendations. OSHA Standard 1910.95 offers guidance on "Permissible Noise Exposure."
- All effective sirens and horns produce loud sounds (120 dB) that may cause permanent hearing loss. Always minimize your exposure to siren sound and wear hearing protection. Do not sound the siren indoors or in enclosed areas where you and others will be exposed to the sound.

During Installation

- Do NOT connect this system to the vehicle battery until ALL other electrical connections are made, mounting of all components is complete, and you have verified that no shorts exist. If wiring is shorted to vehicle frame, high current conductors can cause hazardous sparks, resulting in electrical fires or flying molten metal.
- In order for the electronic siren to function properly, the ground connection must be made to the NEGATIVE battery terminal.
- Do NOT install equipment or route wiring or cord in the deployment path of an airbag.

After Installation

- After installation, test the siren and light system to ensure that it is operating properly.
- Test all vehicle functions, including horn operation, vehicle safety functions and vehicle light systems, to ensure proper operation. Ensure that installation has not affected vehicle operation or changed any vehicle safety function or circuit.
- After testing is complete, provide a copy of these instructions to the instructional staff and all operating personnel.
- File these instructions in a safe place and refer to them when maintaining or reinstalling the product

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.

RETAIN AND REFER TO THESE MESSAGES

Introduction

This publication has instructions for installing the Pathfinder interface cable in a Ford 2020+ vehicle equipped with a Gateway Module .

NOTE: For additional electrical installation instructions, refer to the Installation and Maintenance Instructions packed with the Pathfinder, or access a copy at www.fedsig.com..

Installing the Interface Cable

To install the interface cable:

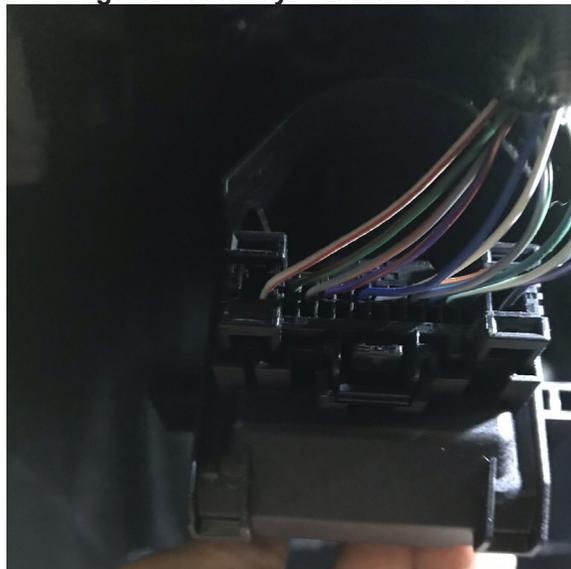
1. Locate the Gateway Module near the OBD connector. The location may vary. The Gateway Module may have the OBD connector integrated onto it in some vehicles. It may be necessary to remove the Gateway Module to ease disconnection of the harness.

Figure 1 Gateway Module front



2. Unplug the 24-pin connector from the Gateway Module, and then plug in the Federal Signal OBDCABLE6-3 or OBDCABLE25-3.

Figure 2 Gateway Module near OBD



Installing the Pathfinder® Interface Cable in Ford Vehicles Equipped with a Gateway Module

3. Reinstall the 24-pin connector on the end of the OBD CABLE6-3 or OBD CABLE25-3 inline.

Figure 3 OBD cable connected to GWM



4. Plug the other end of the OBD CABLE6-2 or OBD CABLE25-2 into the Pathfinder. Refer to the Pathfinder Installation Manual.

Figure 4 OBD connected to Ford Harness



Programming FS Vehicle Integration

All programming is done using the Pathfinder Configuration Application. You will need to know the model year of the vehicle. Signals and vehicle events may vary by model year.

Getting Technical Support and Service

For technical support and service, please contact:

Service Department
Federal Signal Corporation
Phone: 1-800-433-9132
Fax: 1-800-343-9706
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



2645 Federal Signal Drive
University Park, Illinois 60484-3167

www.fedsig.com

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

© Copyright 2020 Federal Signal Corporation

All product names or trademarks are properties of their respective owners.