

## Safety Message to Installers of Sound/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. 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.
- Federal Signal siren amplifier/relay modules and speakers are designed to work together as a system. Combining a siren and speaker from different manufacturers may reduce the warning effectiveness of the siren system and may damage the components. You should verify or test your combination to make sure the system works together properly and meets federal, state, and local standards or guidelines.
- 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.

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

RETAIN AND REFER TO THESE MESSAGES.

### **Pathfinder Interface Cable**

This publication has instructions for installing the OBDCABLExx-4 cable. This cable is designed to interface with select Ford electric and hybrid vehicles.

**NOTE:** Check the Convergence Configuration Software to verify support for your vehicle model and year.

### **Installing the Interface Cable**

To install the interface cable:

1. Ensure that the vehicle ignition is off and fully shut down.

## **OBDCABLExx-4 with Pathfinder® for Electric/Hybrid Ford® Vehicles**

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2. Locate the Air Conditioning Control Module. The module is typically located in the front engine bay or front trunk area of the vehicle. Consult Ford service documentation for more details.
3. Unplug the four-position plug from the air conditioning control module and plug it into the four-position receptacle on the OBDCABLExx-4 cable assembly.
4. Plug in the four-position plug of the OBDCABLExx-4 cable into the air conditioning control module.
5. Plug in the included six-position plug from the OBDCABLExx-4 adapter into the Pathfinder amplifier.
6. Program the Pathfinder using the Pathfinder Configuration Software, USB mini cable, and a laptop computer.
7. Thoroughly test the vehicle in all modes of operation.

Refer to the Installation and Maintenance Instructions packed with the Pathfinder to complete the installation.

### **Getting Technical Support**

For technical support, please contact:

Federal Signal Corporation  
Service Department  
Phone: 1-800-433-9132  
Email: [empserviceinfo@fedsig.com](mailto:empserviceinfo@fedsig.com)

### **Getting Repair Service**

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally. Any product returned to Federal Signal for service, inspection, or repair must be accompanied by a Return Material Authorization (RMA). Obtain an 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 Dr.  
University Park, IL 60484-3167



## **FEDERAL SIGNAL** Safety and Security Systems

2645 Federal Signal Drive  
University Park, Illinois 60484-3167

[www.fedsig.com](http://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

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