

Safety Message to Installers and Service Personnel of Emergency Vehicle Safety Equipment

⚠ WARNING

The lives of people depend on your proper installation and servicing of Federal Signal products. It is important to read and follow all instructions shipped with this product. In addition, listed below are some other important safety instructions and precautions you should follow:

Before Installation or Service

Qualifications

- To properly install or service this equipment, 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 service manuals when installing equipment on a vehicle.

Electrical Hazards

- Never attempt to install aftermarket equipment that connects to the vehicle wiring without reviewing a vehicle wiring diagram available from the vehicle manufacturer. Ensure that your installation will not affect vehicle operation and safety functions or circuits.

During Installation or Service

- To avoid a battery explosion, always disconnect the negative battery cable first and reconnect it last. Avoid a spark when connecting near or to the battery. The gasses produced by a battery can cause a battery explosion that could result in vehicle damage and serious injury.
- Do not install equipment or route wiring or a plug-in cord in the deployment path of an airbag.
- Before mounting any components, check the manual to be sure that the component you are installing is suitable for use in that area of the vehicle. Many components are not suitable for use in the engine compartment or in other areas subject to extreme environmental exposure.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged. Remove all burrs from drilled holes to prevent electrical shorts, grommet all drilled holes through which wiring passes. Also ensure that mounting screws do not cause electrical or mechanical damage to the vehicle.

After Installation or Service

- If a vehicle seat is temporarily removed, verify with vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- To ensure proper operation, test all vehicle functions, including horn operation, vehicle safety functions, and vehicle light systems. Ensure that installation has not affected vehicle operation or changed any vehicle safety function or circuit.
- After installation and testing are complete, provide a copy of these instructions to instructional staff and all operating personnel.
- 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.

Unpacking the Product

After unpacking the product, 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. **Failure to identify damage before installation could lead to rejection of any claim.** Carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts listed in Table 1 are included in the package. If you are missing any parts, contact Federal Signal Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT). Disposal of all shipping materials must be carried out in accordance with national and local codes and standards.

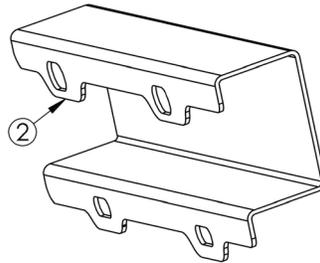
Table 1 Kit contents and tools needed

Item	Qty.	Description	Tools Needed
1	1	Driver Wire Cover	10 mm Socket
2	1	Passenger Wire Cover	Allen Key
3	4	M6 U-Clip Nut (Black Zinc)	Ratchet
4	8	M6 Hex Socket Button Head Screw (Black Zinc)	Torque Wrench
5	12	M6 Flat Washer (Black Zinc)	
6	8	M6 Split Lock Washer (Black Zinc)	
7	4	M6 Hex Nut (Black Zinc)	

NOTICE

THREAD DAMAGE AND GALLING: Anti-seize lubricant must be used on all stainless steel fasteners to prevent thread damage and galling.

Figure 1 Passenger Wire Cover



Installing the Wire Cover Set

To install the Wire Cover Set:

1. Remove the contents from the box and verify that all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.

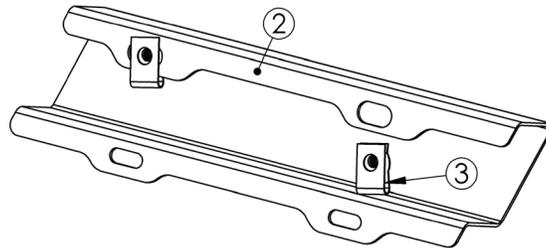
NOTICE

Failure to identify damage before installation could lead to a rejection of any claim.

2. Locate both Wire Covers (Items 1 and 2) and insert (4) M6 u-clip nuts into the slots of the wire covers, two for each wire cover. See Figure 2.

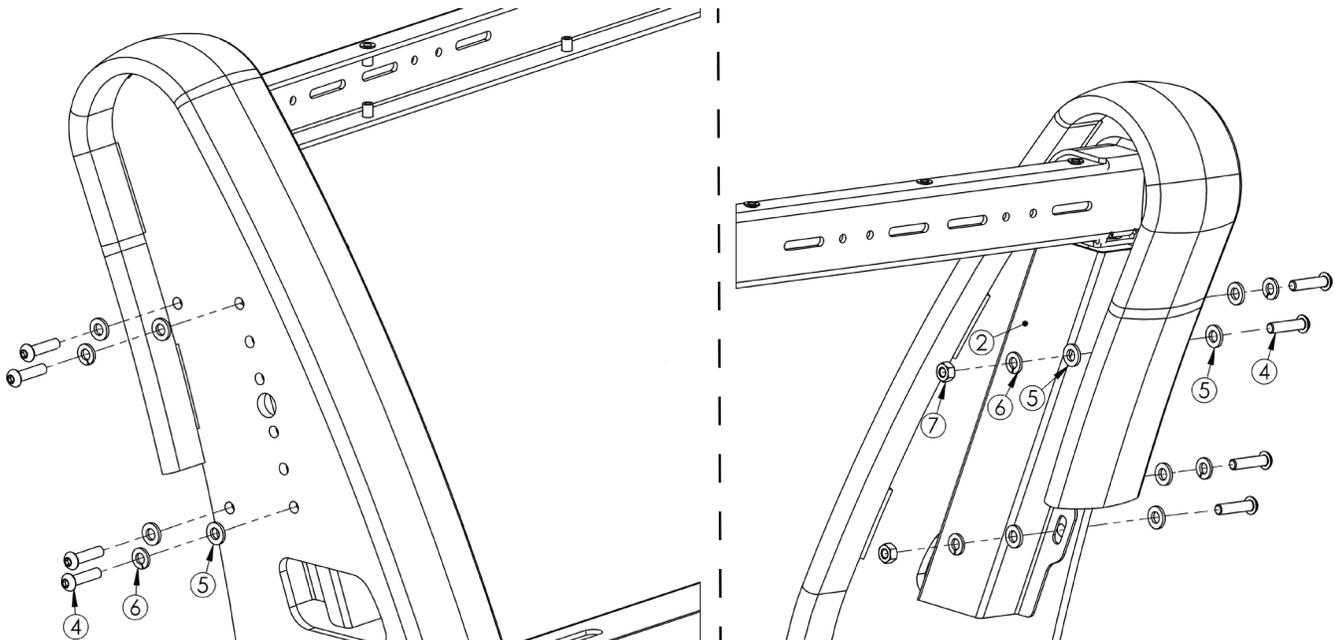
3. Align the Wire Cover's slots with the push bumper holes. Make sure to have the wires from the lights going through the wire covers. Loosely secure using (4) M6 hex socket button head screws, (6) M6 flat washers, (4) M6 split lock washers, and (2) M6 hex nuts. See Figure 3.

Figure 2 Passenger Wire Cover



4. Repeat Step 3 for other side.
5. Align and adjust the wire covers as necessary and then torque: M6 hardware to 7 ft-lbs.

Figure 3 Passenger Sides Shown



Care Instructions

- Regular waxing is recommended. Do not use any type of polish or wax that may contain abrasives.
- Clean stainless steel products with mild soap and water. Use stainless steel polish to polish small scratches.
- Clean gloss black finishes with mild soap and water.

Getting Technical Support

For technical support, please contact:
Federal Signal Corporation
Service Department
Phone: 1-800-433-9132
Fax: 1-800-343-9706
Email: empserviceinfo@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 AM to 5 PM, Monday through Friday (CT) or contact your nearest distributor.



2645 Federal Signal Drive, University Park, IL 60484-3167
Phone: 708-534-3400 • 800-264-3578 • Fax: 800-682-8022
www.fedsig.com

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