

Safety Message to Installers

⚠ 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:

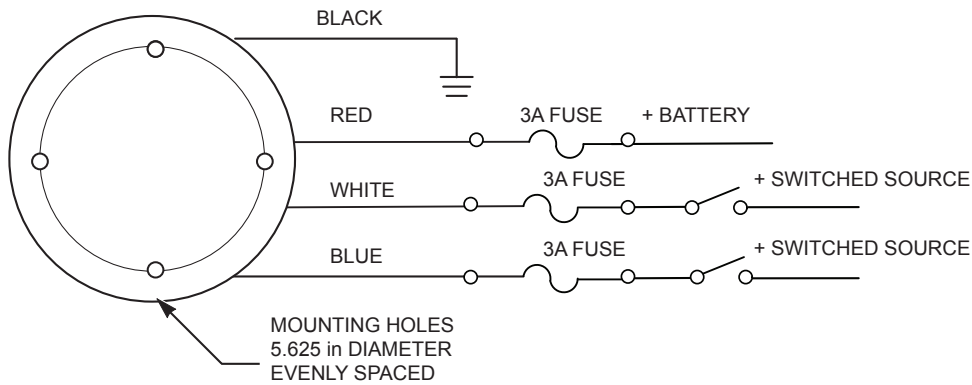
- To properly install a light assembly, you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment. Always refer to the vehicle's service manuals when performing equipment installations on a vehicle.
- 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 the wiring is shorted to the vehicle body or frame, high current conductors can cause hazardous sparks resulting in electrical fires or flying molten metal.
- To avoid a battery explosion, always disconnect the negative battery cable first and reconnect it last. Avoid causing a spark when connect near or to the battery. The gases produced by the battery can cause a battery explosion that could result in vehicle damage and serious injury.
- DO NOT install equipment or route wiring or cord in the deployment path of an airbag.
- When installing equipment inside airbag equipped vehicles, the installer MUST ensure that the equipment is installed ONLY in areas recommended by the vehicle manufacturer.
- When drilling holes, check the area you are drilling into to be sure you do not damage vehicle components. 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.
- Locate the light system controls so the VEHICLE and CONTROL can be operated safely under all driving conditions.
- If a vehicle seat is temporarily removed, verify with the vehicle manufacturer if the seat needs to be recalibrated for proper airbag deployment.
- In order to be an effective compartment light, this product produces bright light that can be hazardous to your eyesight when viewed at a close range. Do not stare directly into this lighting product at a close range or permanent damage to your eyesight may occur.
- After installation, test the light system to ensure that it is operating properly.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.

Introduction

These instructions describe how to install and wire Models COM6W, COM618W, COM6RW, COM6BW.

Wiring The Light

To wire the light, refer to the schematic and instructions below for your model..



NOTE: Use a 3 A fuse to protect all +Vdc connections:

Wiring the **COM6W** and **COM618W** models:

- **RED:** connect to +VBAT (12 VDC or 24 VDC)
- **BLACK:** connect to system **GROUND**
- **WHITE:** (High intensity override) connect to switched **+VBAT** source (12 VDC or 24 VDC)

Wiring the **COM6RW** and **COM6BW** Models

- **RED:** connect to **+VBAT** (12 VDC or 24 VDC)
- **BLACK:** connect to system **GROUND**
- **WHITE:** (**WHITE** light activation) connect to switched **+VBAT** source (12 VDC or 24 VDC)
- **BLUE:** (**COLORED** light activation) connect to switched **+VBAT** source (12 VDC or 24 VDC)

NOTE: The **BLUE** wire has priority over the **WHITE** wire.

Operating the Light

To operate the light, switch it to a function marked on the housing.

Installing the Light

1. Mark and drill holes for the mounting screws.
2. Make all wiring connections.
3. Mount the light using supplied hardware.
4. Test the light for proper operation.

Getting Technical Support and 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. Please provide a brief explanation of the service requested or the nature of the malfunction.

For technical support and service, visit:

<https://www.fedsig.com/technical-support>

<https://www.fedsig.com/service-centers>