

Safety Message to Installers of 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 this light, you must have a good understanding of automotive electrical procedures and 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.
- When drilling into a vehicle structure, ensure that both sides of the surface are clear of anything that could be damaged.
- In order for the light to function properly, a separate ground connection must be made. If practical, it should be connected to the negative battery terminal. At a minimum, it may be attached to a solid metal body or chassis part that will provide an effective ground path as long as the light system is to be used.
- Do not attempt to activate or deactivate light control while driving in a hazardous situation.
- Littlite UV models emit ultraviolet light in the UVA or “near UV” range, which is just below visible light wavelengths—specifically from 395 to 365 nm. UVA Near Ultraviolet light, although the safest UV range, has the potential to irritate or injure eyes and skin with long-term or direct, close exposure. UVB and UVC require stricter safety measures.
- Occasional short-term use for inspection or viewing of UV reactive subjects is generally not harmful, BUT:
 - UV LEDs emit intense UV light during operation. The eye does not sense this energy and does not react to protect itself.
 - Do not look directly into a UV LED while it is in operation, as it can be harmful to the eyes.
 - Setup for operation should restrict the user from directly viewing the LED emitter.
 - If it is necessary to view a UV LED directly, wear suitable UV filtered glasses or goggles to avoid damage to the eyes.
 - Keep UV LEDs and products containing them out of the reach of children.
 - Avoid prolonged exposure to skin or other tissue.
 - Take appropriate precautions, including those above, with pets or other living organisms that might suffer injury or damage from exposure to UV emission.
- Littlite® provides customized products for professional use. It is the responsibility of the distributor and user to specify the lamp and design their installation with the user's safety in mind, and to inform the user of proper and safe use.

Installing the Littlite® Gooseneck Lamp

- Littlite/CAE, Inc. expects users of our products to take reasonable care as required with any high-intensity light source, and we accept no responsibility for any injury arising from improper or careless use.
- Frequently inspect the light to ensure that it is operating properly and that it is securely attached to the vehicle.
- 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.

Introduction

Federal's Littlite® gooseneck lamp is a sleek, low-profile lamp designed to produce light in a concentrated area. The high-intensity halogen lamp produces bright white light that can be aimed exactly where it is needed. The included red filter slides into place for night vision use. Littlite lamps are suitable for use in police, fire, ambulance, emergency, and utility vehicle applications.

The lamps are available with your choice of an on/off switch or a dimmer control. They are designed for operation on 12 volts DC and require 250 to 500 milliamperes (less when dimmed).

Unpacking the Kit

After unpacking the kit, 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 the damage. 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 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	#6-32 x 1/2 Machine Screw
2	#6 x 1/2 Thread-forming Screw
2	#6 Split Lockwasher
2	#6 Flat Washer

Installing the Light

⚠ 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.

To install the light:

1. Remove and retain the two Phillips® head screws that secure the top to the base.
2. Remove the base from the top. Using the base as a template, scribe two drill position marks at the selected location.

NOTICE

DRILLING PRECAUTIONS: When drilling holes, check the area you are drilling into to ensure that you do not damage vehicle components. All drilled holes should be deburred, 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.

3. Drill two mounting holes at the position marks.
4. Secure the base in position using the #6 x 1/2-inch thread-forming screws.

NOTE: If applicable, use the #6 machine screws, flat washers, and lockwashers to mount the base.

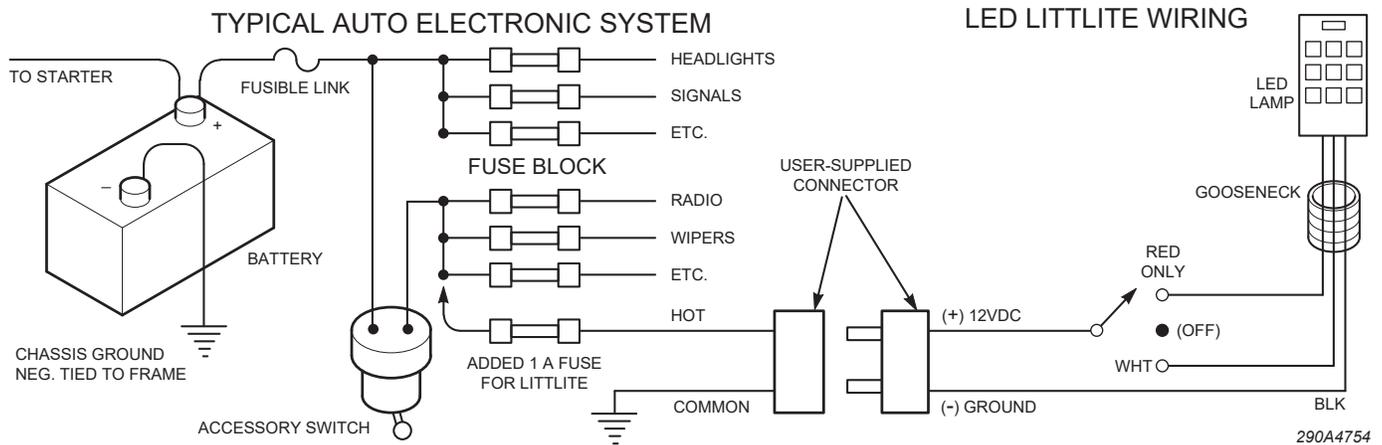
5. Reassemble the unit using the previously removed Phillips head screws.

Wiring the Light

⚠ WARNING

FUSE REQUIRED: To prevent personal injury and/or vehicle component damage in the event of a short circuit in the power leads, install a fuse in the red lead.

Figure 1 Wiring



To wire the light:

1. Connect the black lead to the vehicle chassis (ground).
2. Install a user-supplied in-line fuseholder and 1 A fuse in the red lead.
3. Connect the red lead as shown in Figure 1.

Getting Technical Support and Service

For technical support and service, please contact:

Service Department
 Federal Signal Corporation
 Phone: 1-800-433-9132
 Email: 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

Ordering Replacement Parts

To order replacement parts, call Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT), or contact your nearest distributor.

Limited Warranty

This product is subject to and covered by a limited warranty, a copy of which can be found at www.fedsig.com/SSG-Warranty. A copy of this limited warranty can also be obtained by written request to Federal Signal Corporation, 2645 Federal Signal Drive, University Park, IL 60484, email to info@fedsig.com or call +1 708-534-3400.

This limited warranty is in lieu of all other warranties, express or implied, contractual or statutory, including, but not limited to the warranty of merchantability, warranty of fitness for a particular purpose and any warranty against failure of its essential purpose.



FEDERAL SIGNAL
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Customer Support

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