

## INSTRUCTION SHEET FOR LITTLITE® GOOSENECK LAMPS

### SAFETY MESSAGE TO INSTALLERS AND USERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with the products. In addition, 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 air bag.
- When drilling into a vehicle structure, be sure 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.
- You should 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 and/or reinstalling the product.

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

### I. GENERAL.

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 which can be aimed exactly where 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).

### II. UNPACKING.

After unpacking the light, inspect it for damage that may have occurred in transit. If the unit has been damaged, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of damage. Carefully check all envelopes, shipping labels, and tags before removing or destroying them.

Before proceeding with installation, ensure that the following parts have been included with the unit.

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
1	Super Clip
1	Red Filter
1	Clear Filter

### III. INSTALLATION.

#### WARNING

When installing equipment inside air bag equipped vehicles, the installer **MUST** ensure that the equipment is installed **ONLY** in areas recommended by the vehicle manufacturer.

Failure to observe this warning will reduce the effectiveness of the air bag, damage the air bag, or potentially damage or dislodge the equipment, causing serious injury or death to you or others.

#### A. Mounting.

1. Remove and retain the two phillips head screws which 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.

#### CAUTION

Before drilling holes in ANY part of a vehicle, be sure that both sides of the mounting surface are clear of parts that could be damaged; such as brake lines, fuel lines, electrical wiring or other vital parts.

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

**NOTE**

If applicable, the #6 machine screws, flat washers, and lockwashers can be used to mount the base.

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

**CAUTION**

Service life of lamp will be shortened if glass portion is touched. If glass has been handled, clean carefully with a grease solvent.

6. Red and clear formed plastic filters are included.

The filter slides in slots in the edges of the high intensity hood, and is easily moved from storage position above the gooseneck end to working position above the bulb.

To install the appropriate filter, slip the end of the filter with the flat area into the edge slots in the end of the hood, and slide it in until the flap on the opposite end snaps past the hood end plug.

The filter should now slide up over the bulb and against the end cap for use, or down away from the bulb and over the bulb socket for storage.

The filter must be installed in the proper direction. The end with the flap between two notches should be toward the closed end of the hood, so the flap hits the end cap, preventing the filter from sliding out of the hood. The end with the flat area should be toward the lamp socket, so it will slide over the socket for storage.

7. The supplied super clip can be used to hold the gooseneck in position. If desired, install the super clip on a clean, dry surface.

**B. Wiring.**

**WARNING**

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.

Using figure 1 as a guide, proceed as follows:

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

**IV. MAINTENANCE.**

**A. Lamp Replacement.**

**WARNING**

A serious injury may result if lamp is touched when hot. Always allow lamp to cool before removing. Halogen lamps are pressurized and if broken can result in flying glass. Always wear gloves and eye protection when handling the lamps.

1. Remove the color filter.
2. Use a pair of long nose pliers to squeeze the hood retaining clip together and slide the hood off the gooseneck.

**CAUTION**

Service life of lamp will be shortened if glass portion is touched. If glass has been handled, clean carefully with a grease solvent.

3. Pull the defective lamp out of the socket. Install a new exact replacement lamp in the socket.
4. Squeeze the hood retaining clip together and slide the hood on the gooseneck. Replace the color filter.

**B. Replacement Parts List.**

Description	Part No.
Lamp, 5 watt, Halogen	8550250
Red Filter	8550251
Clear Filter	8550251-01

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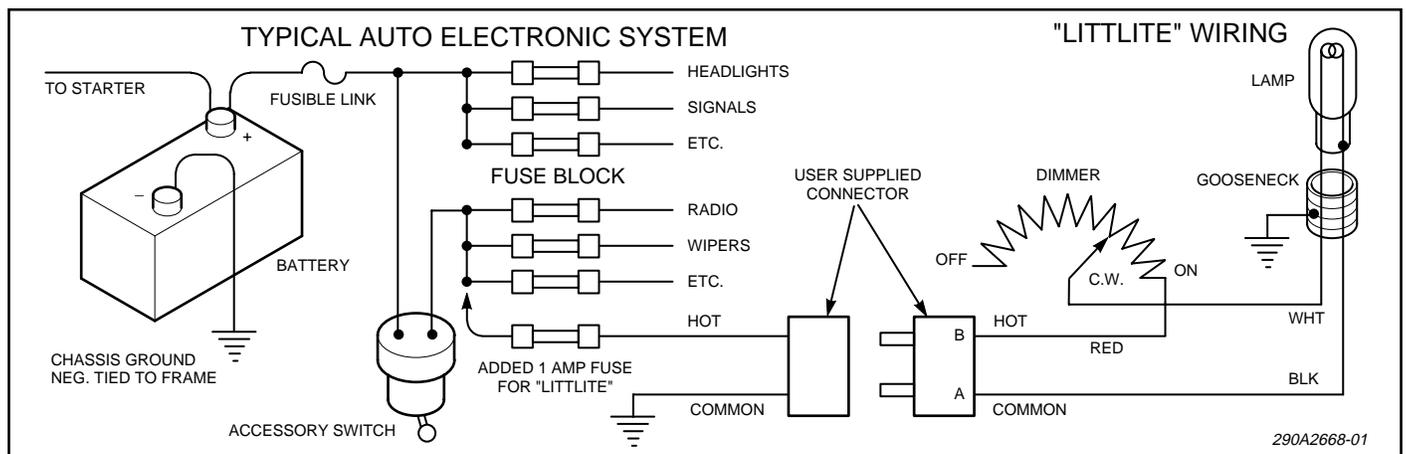


Figure 1.