



**Fisher Engineering**

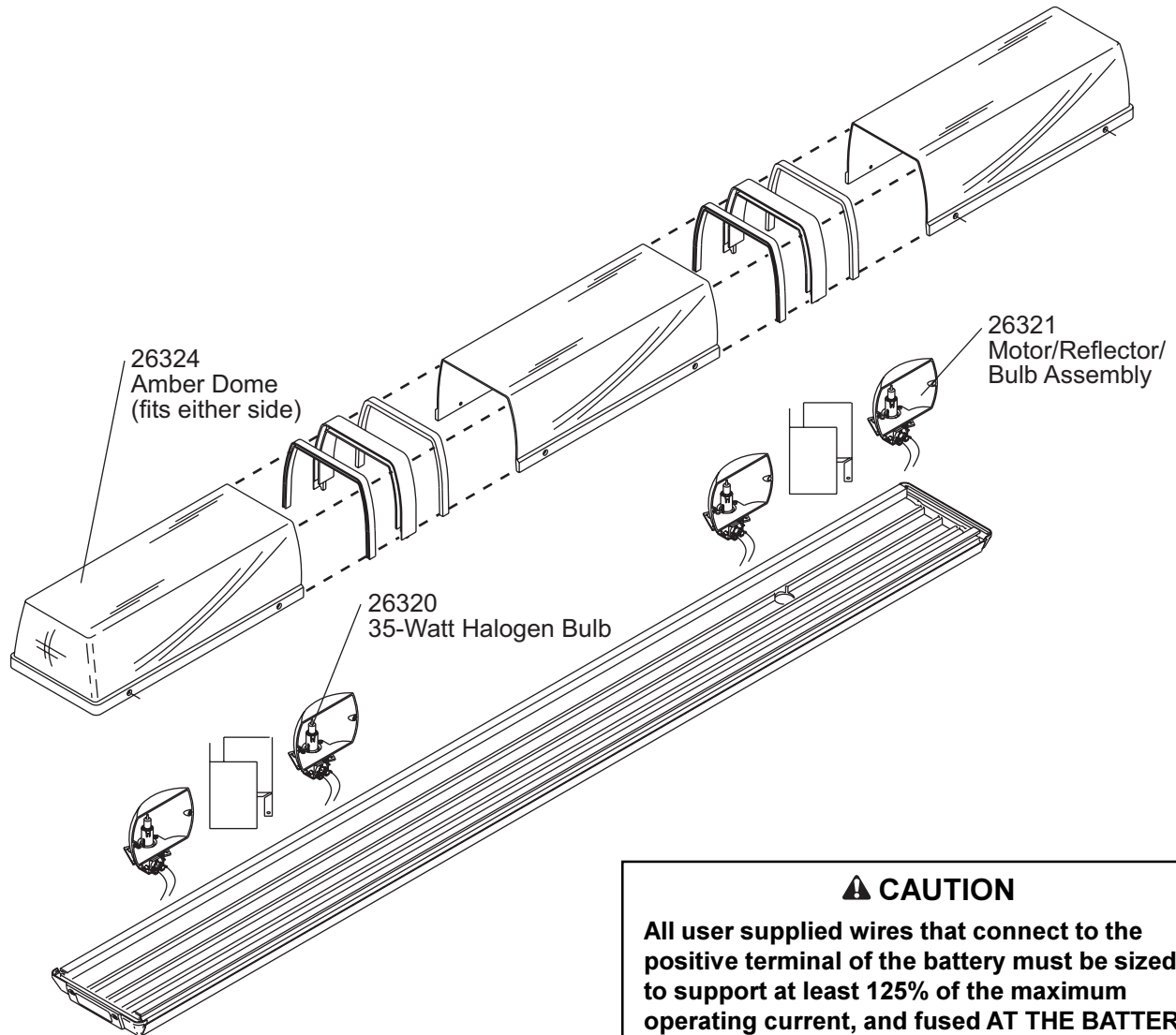
P.O. Box 529 Rockland, Maine 04841

**26021**

April 15, 1999

No. 26417

## Full Size Bar Light



### **⚠ CAUTION**

All user supplied wires that connect to the positive terminal of the battery must be sized to support at least 125% of the maximum operating current, and fused AT THE BATTERY to carry that load.

**Installer must supply the following parts:**

- 1 - Single Pole/Single Throw switch**
- 1 - Single or Double Pole/Single Throw 40A Relay**
- 1- 15A Fuse with Fuse Holder**
- 18 Gauge Wire - length determined by installer**
- 10 Gauge Wire- length determined by installer**

**SAFETY INFORMATION**

**⚠ WARNING**

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious personal injury.

**⚠ CAUTION**

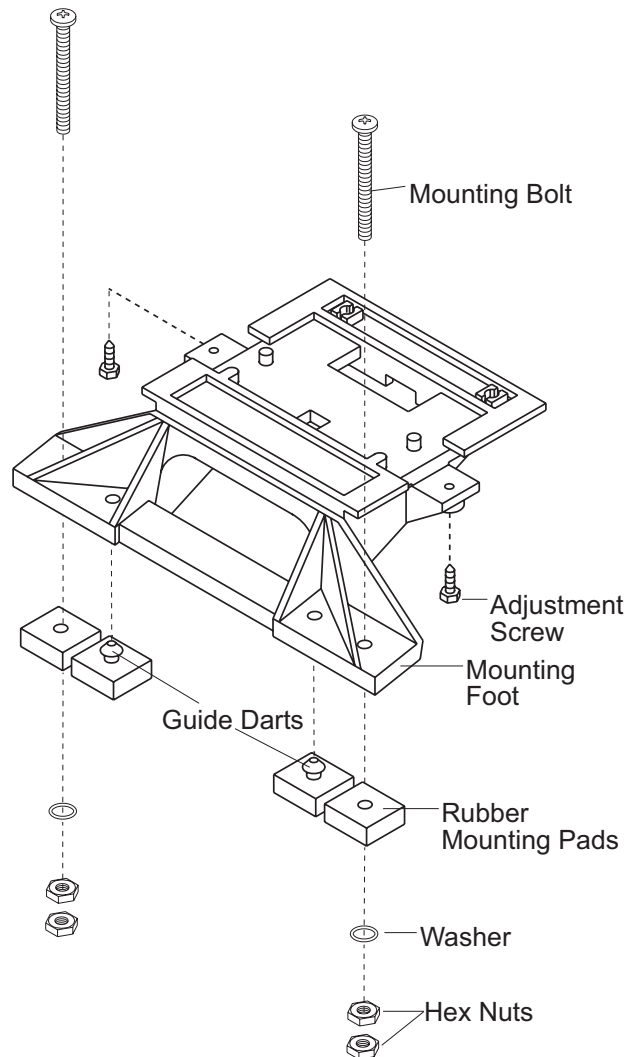
Indicates a situation that, if not avoided, could result in minor personal injury and/or damage to product or property.

**NOTE:** Identifies tips, helpful hints and maintenance information the owner/operator should know.

**MOUNTING YOUR BAR LIGHT**

The mounting feet are designed to slide along tracks in the base. This enables the bar light to be installed on a variety of vehicles. For increased stability, be sure to position the mounting feet as far apart as possible. There are four rubber mounting pads for each mounting foot; two inner and two outer.

1. Mount the inner pads by pushing the guide darts through their mounting holes. Cut off the guide darts on the outer mounting pads to allow the mounting bolt to pass.
2. With the mounting feet in the proper position, determine the locations where you will be drilling the mounting holes.
3. Drill 1/4" holes and connect the mounting feet with supplied bolts.
4. Tighten the first hex nut until the rubber mounting foot is just beginning to be compressed by the mounting foot. Use the second hex nut to lock in the first.
5. Repeat step 4 for the remaining three mounting bolts.



## WIRING THE BAR LIGHT

### ⚠ CAUTION

Batteries normally produce explosive gases which can cause personal injury. Therefore, do not allow flames, sparks or lit tobacco to come near the battery. When charging or working near a battery, always cover your face and protect your eyes, and also provide ventilation.

Batteries contain sulfuric acid which burns skin, eyes and clothing.

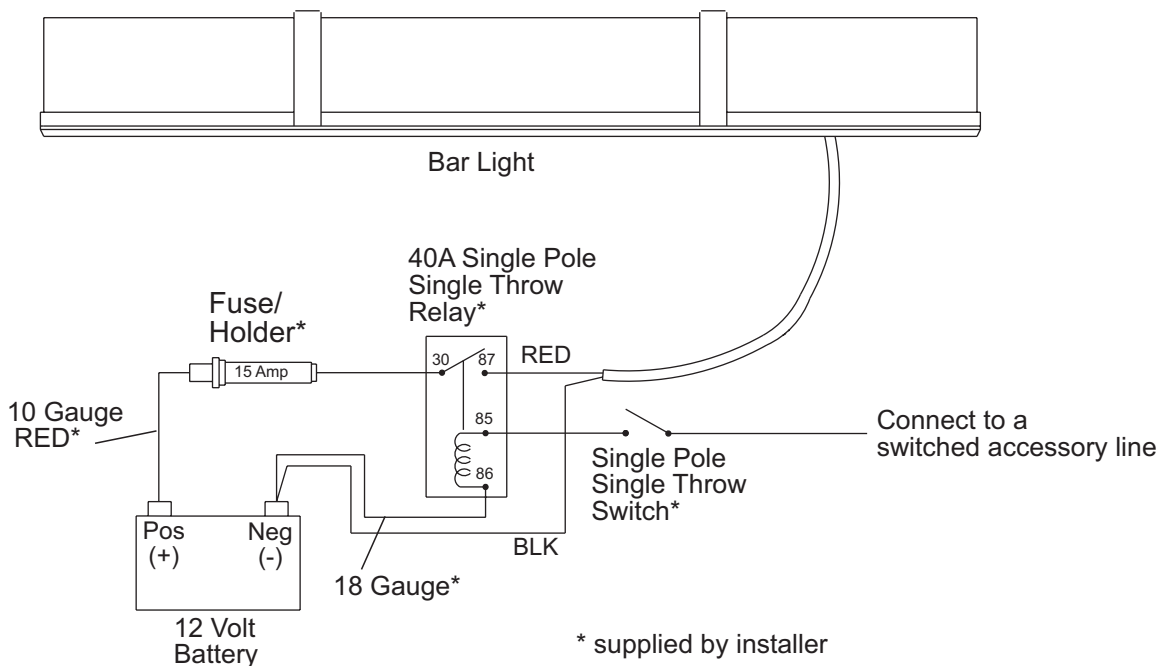
Disconnect the battery before removing or replacing any electrical components.

1. Disconnect vehicle battery before beginning installation.

#### Installer must supply the following parts:

- 1 - Single Pole/Single Throw switch
- 1 - Single or Double Pole/Single Throw 40A Relay
- 1- 15A Fuse with Fuse Holder
- 18 Gauge Wire - length determined by installer
- 10 Gauge Wire- length determined by installer

2. The cable from the bar light contains two wires. Connect the RED wire to a single pole/single throw relay. From the relay, route the 10 gauge wire towards the vehicle battery.
3. Connect the RED wire to the appropriate fuse. Be sure there will not be more than two (2) feet of wire between the fuse and the battery. Do not connect to battery at this time.
4. Connect the BLACK wire from the bar light and the 18 gauge wire from the relay coil to the negative (-) terminal of the battery.
5. Connect the second relay coil wire to the normally open terminal of the ON/OFF switch supplied by the installer. Connect the common terminal of the ON/OFF switch to a switched accessory line
6. After the BLACK wire has been connected to the battery, connect wire coming from the fuse to positive (+) terminal of battery.
7. Turn on the ignition, DO NOT START THE VEHICLE. Turn on the bar light ON/OFF switch and verify light bar is working correctly. Turn off switch and ignition switch. Cable tie loose wires away from any hot or moving parts.



## HALOGEN BULB REPLACEMENT

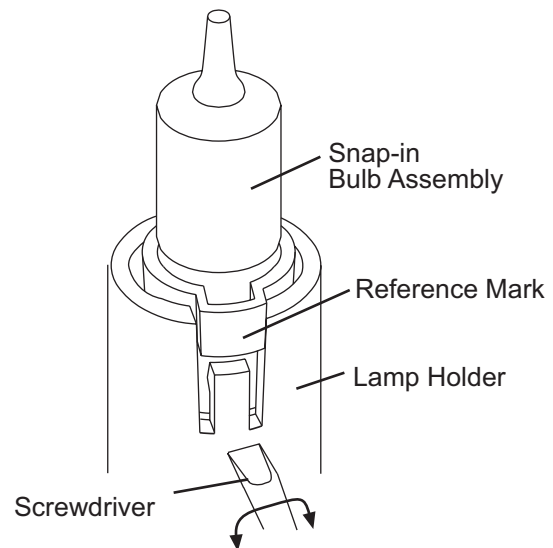
### ⚠ CAUTION

Do not handle the bulb with bare hands. Use gloves to prevent possible injury.

### ⚠ CAUTION

Replacing any halogen bulb requires the use of safety glasses to prevent injury.

1. Remove the lens by unscrewing the four #6 x 3/8" phillips screws.
2. Insert a flat-blade screwdriver into the space between the lamp holder and the snap-in assembly. Gently rotate the screwdriver as shown. Repeat this action until bulb is loose.
3. Pull the bulb in an upward direction until it is free.
4. Verify the replacement bulb is the correct wattage (35 watts). Insert the alignment tab of the new bulb into the lamp holder and press downwards to lock the new bulb in place.
5. Replace lens using screws from Step 1.



## RECOMMENDATIONS

The outer surfaces of the strobe light may be cleaned with glass cleaner. Do not use abrasive or oil-based cleaners as they may dull the lens surface, resulting in reduced light output. Do not use a pressure washer!

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