

INSTRUCTION SHEET FOR MODEL SML-UM MOUNTING KIT

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.
- 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.
- Locate light control so the VEHICLE and CONTROL can be operated safely under all driving conditions.
- 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 re-installing the product.

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

A. GENERAL.

The Model SML-UM mounting kit is designed for mounting a Federal Signal 6 or 8-lamp SignalMaster™ directional light on a non-level rear deck surface. It allows the SignalMaster unit to swivel forward/back for adjustment to the non-level surface.

B. 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. Ensure that the parts listed in the KIT CONTENTS LIST are included in the package.

C. KIT CONTENTS LIST.

Qty.	Description	Part No.
8	Screw, Mach., 1/4-20 x 7/16", Hex Hd.	7000A323-07
6	Screw, Hex, 1/4-20 x 1/2"	7011164-08
6	Screw, Hex Hd., Type B, 5/8" Lg.	7011165-10
4	Nut, Hex, 1/4-20	7059109
18	Lockwasher, Ext. Tooth, 1/4"	7075078
2	Bracket, Extension	8573024-01
2	Bracket, Mounting	8573054A
2	Bracket, Hinge	8573075

WARNING

These lights are intended for secondary warning only. They are not intended for use as a primary warning system.

D. INSTALLATION.

NOTE

For maximum coverage and effectiveness, the light assembly should be mounted in a horizontal orientation.

Installation can be accomplished using the supplied bracket(s) and screws, or bracket(s) and nuts (depending on the model). Determine the mounting position appropriate for installation of the rear deck unit and proceed as follows:

1. *Hinge Bracket Attachment.*

a. Models SIGM6/SIGM8.

Secure the hinge brackets to the directional signal using 1/4-20 x 1/2" hex head screws and external tooth lockwashers.

b. Models SML6/SML8.

See figure 1. Secure the hinge brackets to the directional signal using 1/4-20 nuts and external tooth lockwashers.

2. Assemble the extension brackets to the hinge brackets using 1/4-20 x 7/16" hex head machine screws and external tooth lockwashers as shown in figure 1. Ensure that a lockwasher is installed between the brackets on each side as shown. Do not tighten the screws at this time.

3. Assemble the mounting brackets to the extension brackets using the 1/4-20 x 7/16" hex head machine screws and external tooth lockwashers. Do not tighten the screws at this time.

4. Use the assembled unit as a template and scribe mounting hole position marks on the mounting surface.

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.

5. Drill mounting holes at the previously scribed position marks.

6. If required, locate and drill an appropriate hole for routing the 13-conductor cable and connector to the Lamp & Relay/Interface Unit.

7. Secure the assembled unit to the mounting surface with the 1/4" x 5/8" hex head type B screws.

8. Adjust the height and tilt of the rear deck unit as required and secure all fasteners.

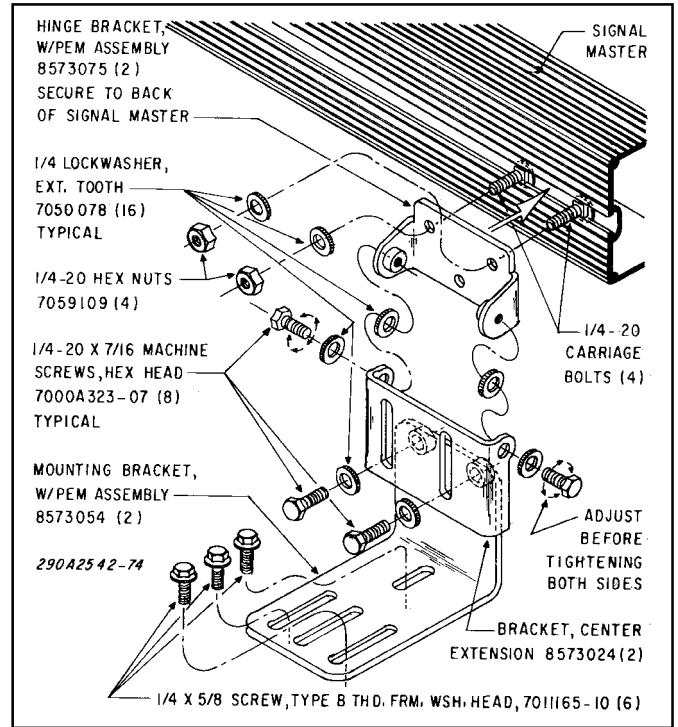


Figure 1.