

## INSTALLATION INSTRUCTIONS FOR FLAT SURFACE 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 a light/sound system, you must have a good understanding of automotive electrical procedures and systems.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- Refer to instruction sheet packed with light system for proper electrical connections.
- You should frequently inspect the light system to ensure 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.

This instruction sheet provides instructions for installing the flat surface mounting kit.

### II. UNPACKING.

After unpacking the kit, carefully check all envelopes, shipping labels, and tags before removing or destroying them. Ensure that the parts shown in the KIT CONTENTS LIST are contained in the packing carton.

### III. KIT CONTENTS LIST.

Qty.	Description	Part No.
4	Nut, Hex, 3/8-16	7059A063
4	Washer, Flat, 3/8	7072A035
4	Lockwasher, Split, 3/8	7074A046
2	Bracket, Adapter	8559206
4	Bolt, Carriage, 3/8-16 x 1	8572050
2	Bolt Retainer	8559248

### IV. ADAPTER BRACKET INSTALLATION.

A. Turn the light assembly over so that the bottom of the bar faces up. The unit should be placed on some soft rags or cardboard to avoid marring the plastic domes.

B. Assemble two 3/8-16 carriage bolts to each adapter bracket with a bolt retainer as shown in figure 1.

#### NOTE

The #10 hex head screws used in paragraph IV.C. below are supplied in the accessory kit packed with the light assembly.

C. See figure 1. Assemble an adapter bracket assembly to the extension mounting bracket on each end of the light bar using eight #10 hex head screws (four for each bracket). We recommend that the adapter bracket assemblies be fastened to the appropriate holes, provided in the extension mounting brackets, that best suits your installation. Tighten securely.

### V. INSTALLATION ON MOUNTING SURFACE.

Before proceeding with installation, plan all wiring and cable routing.

A. Determine a suitable mounting location on the mounting surface. The light assembly should be centered (left to right) on the flat mounting surface.

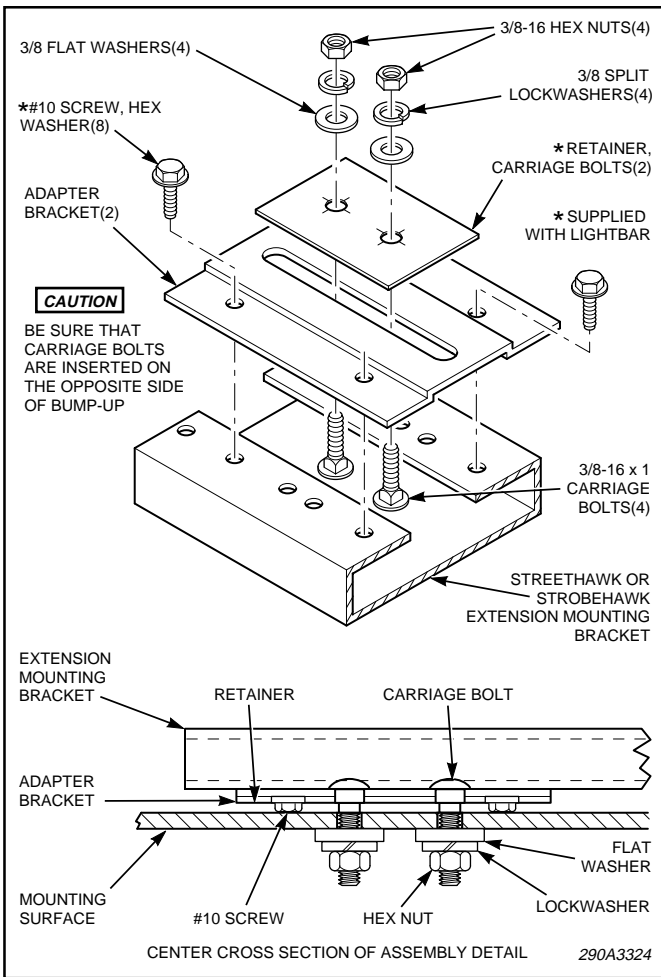


Figure 1.

B. See figure 2. Measure the distance between the inner carriage bolts on the light assembly. This distance will vary according to the length of the light assembly and location of the adapter brackets.

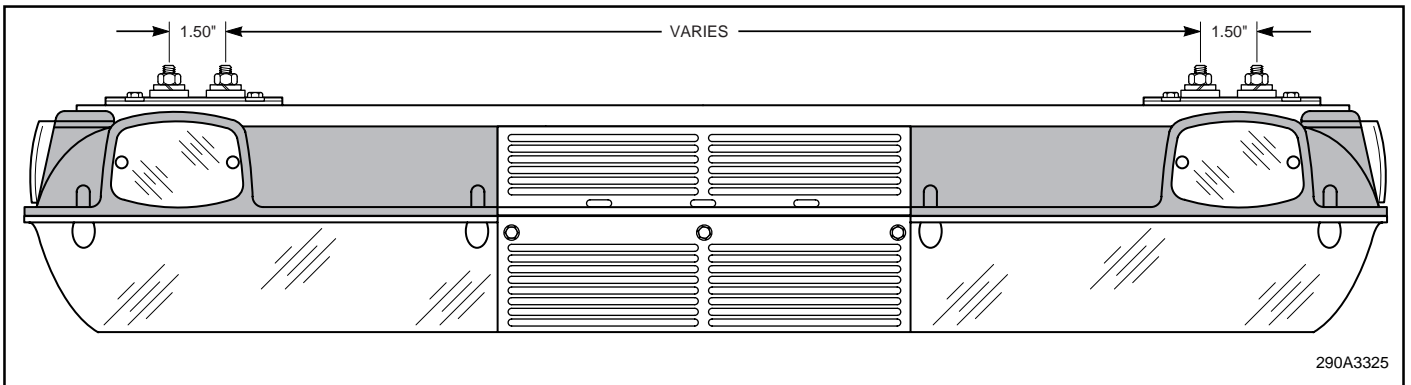


Figure 2.

**NOTE**

The carriage bolts will slide in the adapter bracket for additional adjustment.

C. Transfer the measured distance to the mounting surface and scribe the inner drill position marks on the mounting surface. Scribe the outer drill position marks on the mounting surface by adding 1-1/2" at each end of the previously scribed drill position marks (see figure 2). If necessary, locate and scribe a drill position mark for a cable routing hole.

**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.

D. Drill 0.397" holes at the previously scribed drill position marks.

E. If necessary, route the cable through the cable routing hole. See figure 1. Secure the light assembly to the mounting surface using 3/8-16 hex nuts, flat washers, and lockwashers.

F. Complete the wiring and test for proper operation.

G. Frequently inspect the light assembly to ensure all fasteners and brackets are secure.