

INSTALLATION INSTRUCTIONS FOR LEGEND® LIGHTBAR BP FLAT MOUNT KIT

⚠ WARNING

The lives of people depend on your proper installation and servicing of Federal products. It is important to read 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 assembly: 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.
- 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.
- Refer to the instruction sheets packed with related products for additional precautions and information.
- 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 Legend light bar on a flat mounting surface. Plan all cable routing prior to installing unit.

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.
2	Bracket, Mounting	8653167
8	Bolt, Carriage, 5/16-18 x 1", SS	7004025-16
8	Nut, Nylon Lock 5/16-18	7058A011
4	Pad, Foot	8572029
4	Bolt, Carriage, 1/4-20 x 1-1/2", SS	7004A020-24
4	Bolt, Carriage, 1/4-20 x 2-1/2", SS	7004A020-40
4	Washer, Flat, 1/4", SS	7074A024
4	Nut, Nylon Lock 1/4-20	7058A009

IV. INSTALLATION.

A. See figure 1. Position the lightbar assembly on the flat mounting surface. The lightbar should be centered on the flat mounting surface.

B. See figure 2. Scribe a drill mark at least 4-1/8" in from the end of the lightbar and 3-13/16" forward of the lightbar center. Repeat on the other end of the light bar. Note and record distance "A".

IMPORTANT

Ensure the other mounting bolt position marks are AT LEAST 4-1/8" in from the end of the lightbar.

C. See figure 2. Scribe another drill position mark 7-5/8" behind from the previously scribed drill position mark. Be sure the holes are centered front to back on the lightbar. Repeat on the other end of the lightbar.

⚠ CAUTION

Before drilling holes in any part of the 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 four (4) 9/32" holes at the previously scribed drill position marks.

E. See figure 3. Turn the light assembly over so that the bottom faces up. The unit should be placed on soft rags or cardboard to avoid marring the plastic

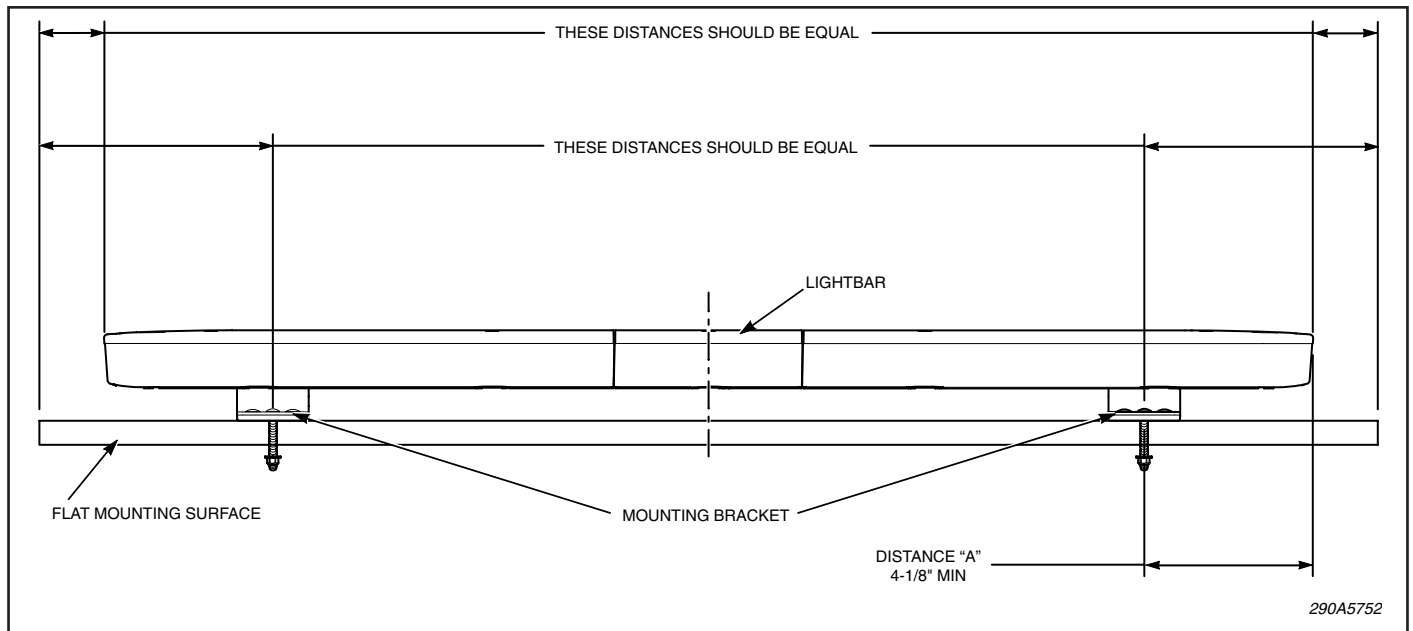


Figure 1.

domes. Insert two 5/16-18 carriage bolts into each track (four total) via the center access holes and position as shown to match holes in the mounting bracket. Repeat for the other side.

F. Install two rubber foot pads into each mounting bracket. The 1/4-20 carriage bolts are provided in multiple lengths. Select the appropriate length for your installation and insert two 1/4-20 carriage bolts in each mounting bracket.



Do not overtighten nuts.

G. Place a mounting bracket assembly over the four carriage bolts. Position the mounting bracket at the previously recorded distance “A” (paragraph IV.B) and install four 5/16-18 nylon lock nuts. Tighten the 5/16-18 nylon lock nuts securely (132 in-lbs). Repeat for other side.

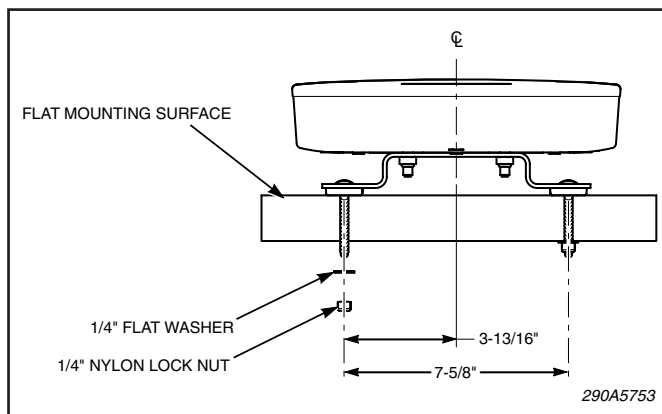


Figure 2.

H. Turn the lightbar back to the upright position and insert the 1/4-20 carriage bolts into the previously drilled holes.

I. Attach the lightbar assembly to the flat mounting surface with the 1/4” flat washers and 1/4” nylon lock nuts, tightening the 1/4” nuts securely (75 in-lbs).

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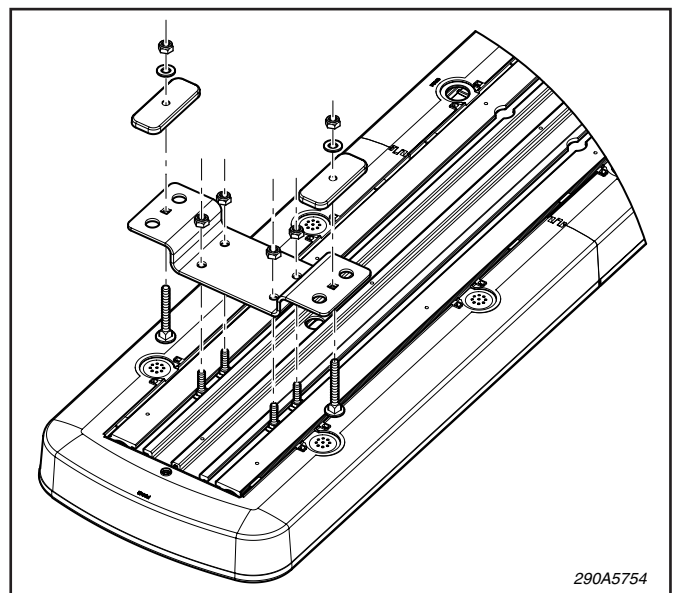


Figure 3.