

INSTRUCTION SHEET FOR SELF-LEVELING BRACKET KIT FOR 15" MINI-LIGHTBARS

SAFETY MESSAGE TO INSTALLERS AND OPERATORS

⚠ WARNING

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 product: 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. 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.**
- **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 reinstalling 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.

This kit provides a means to mount a minibar to moving surfaces such as a dump bed cab protector. It will keep the bar parallel with the ground as the dump bed is raised. It will accept HighLighter™, 14" Escape™, and raised and flat mount Turbo Beam® mini-lightbars.

After unpacking the components, 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 contained in the packing carton.

B. KIT CONTENTS LIST.

Qty.	Description	Part Number
1	Base bracket	8620224
1	Left hinge bracket	8620225
1	Right hinge bracket	8620225-01
2	Brass-bushing	230301
8	Flat Washer	7072A035
2	Felt Washer	7076034
4	Self-locking Nut	7058A013
4	Screw, 3/8-16, 1.25"	7002A009-20

C. INSTALLATION.

1. Select the mounting location that provides the best warning signal for the vehicle and its use.
2. Assemble the hinge brackets to the mounting base. See figure 1 for the order that the parts are to be arranged. The felt washer is to be placed between the hinge bracket and mounting base. Soak the felt washer in light oil before assembling.
3. Attach the assembly to the mounting surface. See figure 2. Place the assembly onto the mounting surface. Select and mark 2 holes for drilling. There are seven 3/8" holes in the mounting bracket. Select 2 that provide the best arrangement for the particular installation. If there are no limitations to where the holes can be located, use the left and right outermost. There should be a minimum of two unused

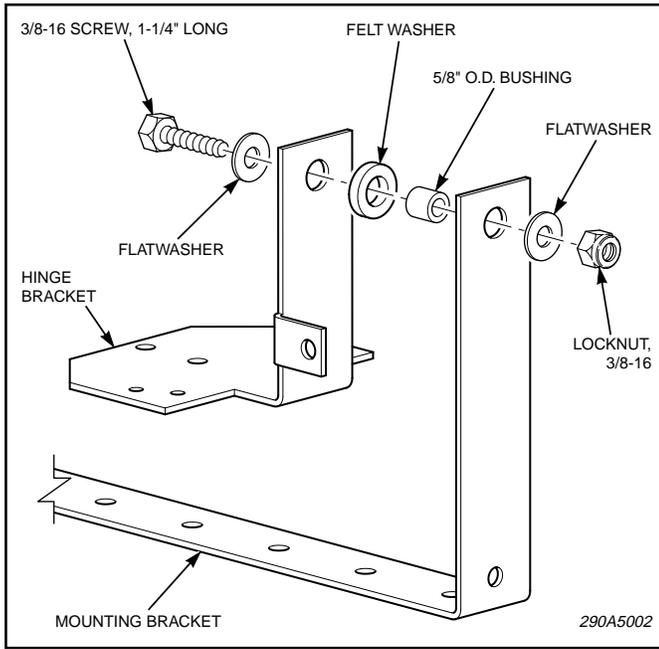


Figure 1.

screw locations between the mounting screws for a sturdy installation.

4. Mount the bracket to the vehicle using the provided hardware. The hinge brackets have stop tabs that should be to the rear on most installations. The assembly should swing freely when the dump bed is raised.

5. Mount the bar to the hinge brackets. See figure 3 for a diagram of the holes that are to be used for each type of light. Use the hardware provided with the lightbar or specified in the lightbars installation instructions.

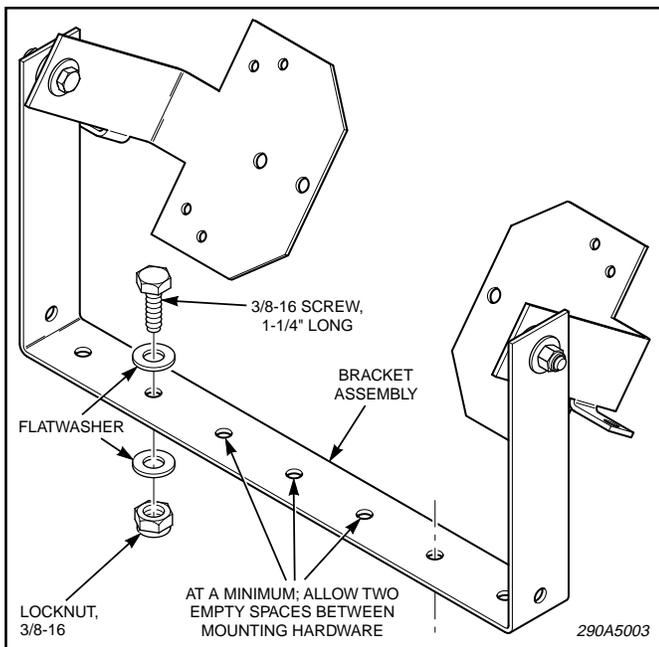


Figure 2.

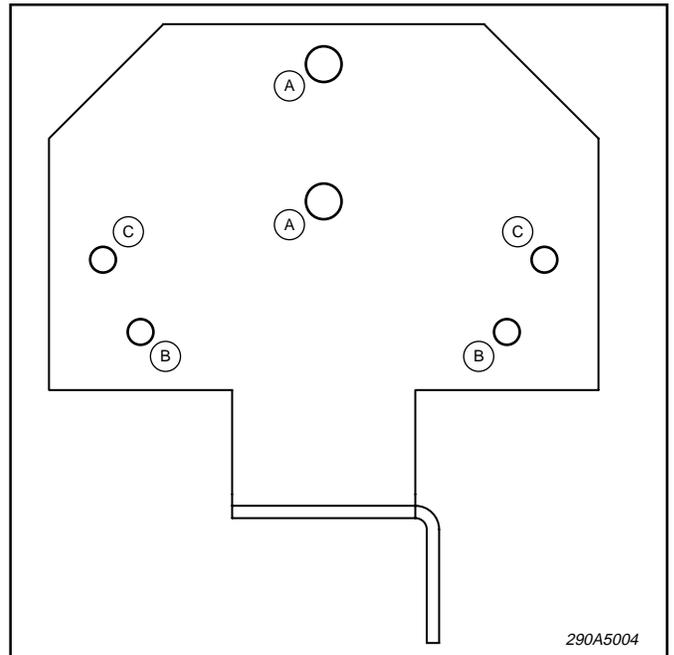


Figure 3.

The holes marked "A" are for 15" Escapes or raised base Turbo Beams.
 The holes marked "B" are for the Highlighter.
 The holes marked "C" are for flat plate Turbo Beams.

6. Make the electrical connections to the light. Refer to the individual instructions for the light that is being installed for specific installation instructions.

Route the wires in a manner, which keeps them from tangling in the hinge. The stop tabs and mounting bracket have holes for routing the wires through them while holding them out of the way of the moving parts. Loop the wires once to provide enough slack for full movement. Use grommets if the power cable is thin enough to pass through the holes. Thicker cables may be fastened to the bracket with installer provided wire ties.

D. MAINTENANCE.

Inspect the light frequently to ensure that it is in working order, and securely mounted to the vehicle.

The felt washer should be oiled with light oil as part of the vehicles regular maintenance procedure.