

TOMAR ELECTRONICS INC.

INSTRUCTION SHEET 930-UNTOW MOUNTING KIT

INSTALLER SAFETY MESSAGE

The safe installation of the Tomar 930 HELIOBE Light Bar is your first priority. All instructions listed here should be followed and common sense applied to each Light Bar installation to insure safety. Tomar field service should be called if you have any question. Some important precautions and instructions:

- Installers should have a good understanding of automotive electrical and mechanical systems. The quality of the installation work should equal or surpass OEM standards.
- Protect the vehicle components when drilling into the sheet metal. Metal chips and sharp edges must not be left on the vehicle. Check to see that the drill bit will not damage surrounding components when it penetrates the sheet metal.
- Review all instruction sheets packed with other components of the 930 HELIOBE Light Bar and make sure you thoroughly understand each step of the installation before you start.
- File these instructions in a safe place for future reference.

Perform a final inspection of the installation to insure that the 930 HELIOBE Light Bar is operating properly. Failure to follow all safety procedures and instructions may result in serious injury, property damage or death to you or others.

I. GENERAL INFORMATION

This instruction sheet provides procedures to install the 930-UNTOW Mounting Kit to the Tomar 930 HELIOBE Light Bar and mount the assembly to the vehicle. In order to complete the installation, you must have purchased the 930 HELIOBE Light Bar and a 930-UNTOW Mounting Kit with the correct length carriage bolts. You must specify the thickness of your mounting surface so that the correct length bolts can be sent. Your 930 Light Bar should also have the correct lamp configuration you have ordered.

II. UNPACKING

Check to see that all components shown in Figures 1 and 2 are included. Check your packing lists carefully.

III. ASSEMBLY

- A. Turn the light bar assembly upside down while protecting the top surface from scratches.
- B. Slide 2 of the carriage bolts to each end of the slot in the bottom of the light bar, approx. 2 inches from the end of the aluminum extrusion.
- C. Install one mount shim on the two carriage bolts at one end of the light bar. The shim should be positioned so that the folded edge is toward the light bar extrusion. This shim compensates for the curvature in the light bar extrusion. Ref. Figure2
- D. Install one mounting spacer and one rubber pad on the carriage bolts.
- E. Repeat for the opposite end of the light bar.
- F. Measure the distance between the extreme ends of the carriage bolts and mark that distance on the vehicle mounting surface. Don't forget to center the mounting holes on the vehicle mounting surface.
- G. Measure in 1.50 inches from each previously marked hole and mark the location for the second hole. Repeat for the opposite end. Ref. Figure 1
- H. Drill a .39 dia. hole at each of the four locations and mount the light bar in position.
- I. Install the 3/8 flat washer, lock washer and nut on each carriage bolt and tighten securely.

SUGGESTED
MOUNTING HOLE LAYOUT FOR
TOW MOUNT PACKAGE
(NOT TO SCALE)

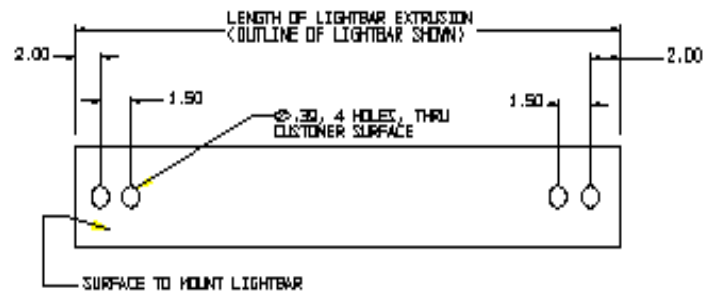


FIGURE 1

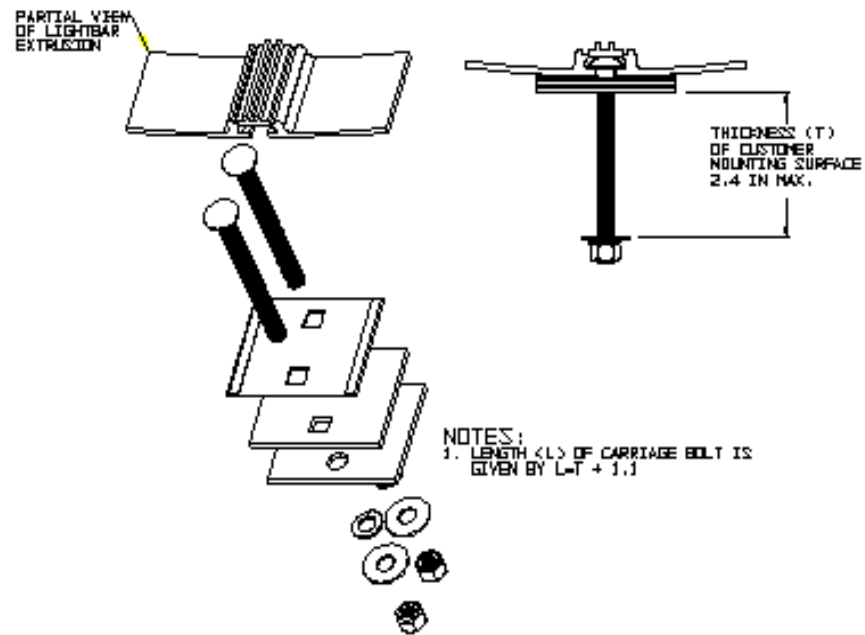


FIGURE 2