


L7 Installation Guide

Kit: L7 Mounting Kit
P/N 710-0029-002

Read and Follow Safety Messages

- In these instructions, you may see the heading **WARNING** and/or the safety alert symbol . They indicate a hazardous situation that, if not avoided, could result in death or serious injury. The safety messages provide information to identify a hazard associated with potential injury.
- Before installing, operating, or performing maintenance or service on any part of the system, read and understand this installation guide.
- Keep these instructions and all related safety information with the manuals for your machine and other implements.



If you have questions or need assistance, contact your local dealer or distributor.

Overview

This installation guide lists all the parts in the kit and provides step-by-step instruction on how to install the L7 lightbar.


Please read this manual thoroughly before beginning the installation. Observe all warnings.

⚠ WARNING: Consider using existing hardware and hardware locations. Avoid drilling holes that may damage other equipment (such as structural frame members, electrical cables, or fluid lines).





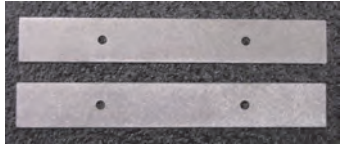
⚠ WARNING: Do not obstruct the view of, or access to, other instruments or the flying or driving visibility of the operator.

Kit Contents

Unpack this kit and identify the required parts as shown. Kit items are referenced A, B, C etc. and those references are used in the installation steps and pictures.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
A	602-1007-000	4	Mounting bracket, 1" (Mount lightbar. Use A/A or B/A combination.)	

Kit Contents (continued)

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
B	602-1008-001	2	Mounting bracket, 3" (Mount lightbar with B/A combination)	
C	675-1083-000 678-1038-000 676-1016-000	6 6 (of 14) 6 (of 10)	Bolt, #10-32 x 5/8" Washer, #10-32 Nut, #10-32 (Bolt mounting brackets together—whichever combination used).	
D	675-1086-000 678-1038-000	4 4 (of 14)	Bolt, #10-32 x 1/2" Washer, #10-32" (Attach mounting bracket combination—whichever used—to lightbar)	
E	675-1084-000 (675-1085-000) 678-1038-000 676-1016-000	4 (4) 4 (of 14) 4 (of 10)	Bolt, #10-32 x 3/4" (Bolt, #10-32 x 1-3/4" - optional) Washer, #10-32 Nut, #10-32 (Attach mounting bracket combination—whichever used—to vehicle. Use F if necessary.)	
F	601-1045-000	2	Backing plate (Use with E if required)	

Lightbar Installation

The lightbar installation is the same for aircraft and ground vehicles. The term ‘vehicle’ is used for both in these instructions. Mount the lightbar in front of the cockpit or cab at a comfortable viewing distance. You can mount the lightbar either inside or outside the cockpit or cab.

WARNING: Do not obstruct the view of, or access to, other instruments or the flying or driving visibility of the operator.

NOTE: This installation requires some drilling—you will need a 1/4" drill bit.

1. Assemble the lightbar mounting brackets.

Using hardware C assemble either:

- Two 1"/1" (A/A) bracket combinations (Figure 1-i) or
- Two 3"/1" (B/A) bracket combinations (Figure 1-ii).

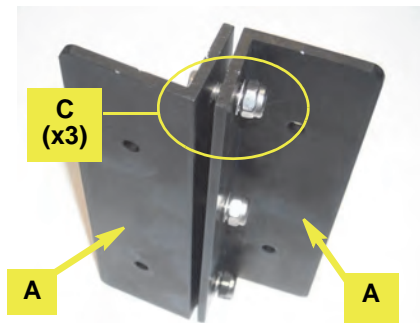


Figure 1-i: Mounting brackets (A/A)

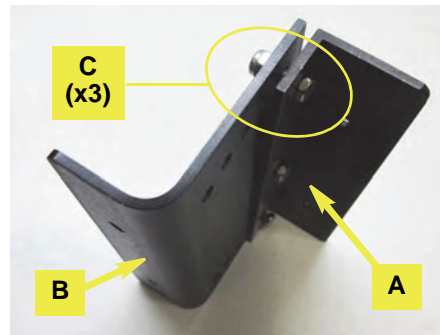


Figure 1-ii: Mounting brackets (B/A)

2. Mount the lightbar.

- a. Using hardware D (not visible), attach the lightbar to the assembled brackets (Figure 2a - A/A bracket combination shown).

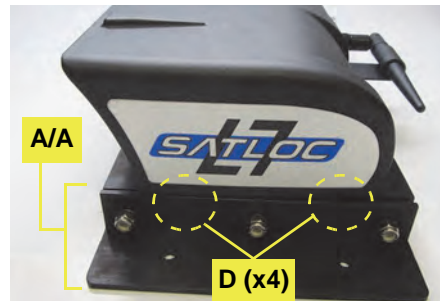


Figure 2a: Lightbar on brackets (A/A shown)

- b. Using the assembled lightbar and brackets as a template, mark the four mounting hole positions on a suitable surface/location on the vehicle. Using a 1/4" drill bit, carefully drill the four holes.

- c. Using hardware E (short or long bolts as required) secure the lightbar to the vehicle (Figure 2b - A/A bracket combination shown). If required, use the backing plates F on the underside of the mounting surface for additional reinforcement: they provide additional support to prevent the bolts pulling through the surface under vibration.

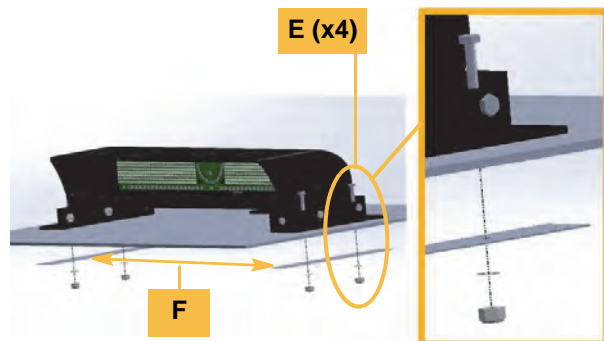


Figure 2b: Lightbar on vehicle—backing plates used (A/A shown)