

TracVision® Truck Bracket Installation Procedure

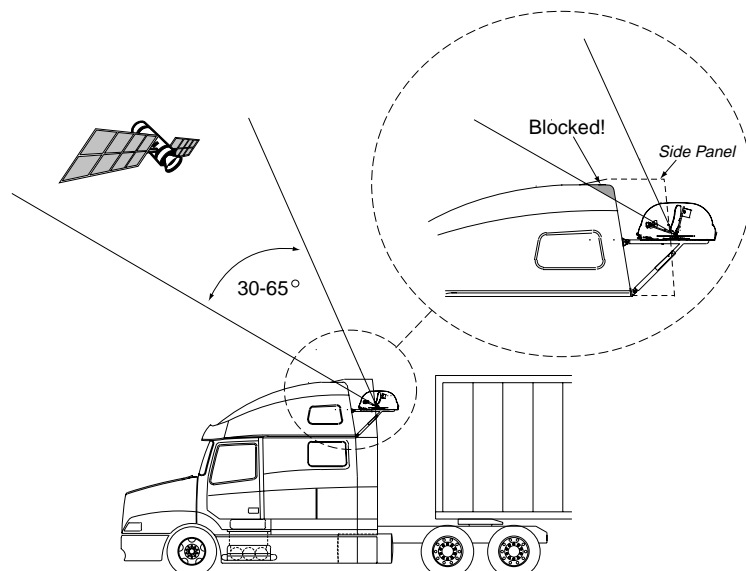
To mount your TracVision antenna to the back of your truck, you will first need to install the antenna mounting bracket. **Before starting the installation process, ensure there will be enough clearance between the truck and the trailer to mount this bracket and the antenna.**

Tools Required

- Electric drill and $\frac{3}{8}$ " drill bit
- $\frac{5}{16}$ " allen wrench
- $\frac{1}{16}$ "-open end and socket wrenches
- $\frac{7}{16}$ "-open end and socket wrenches

1. Installing the Mounting Bracket

The TracVision antenna requires a 30° to 65° look angle to receive satellite signals. Therefore, the antenna should not be mounted any lower than 15" (38 cm) below the truck's highest point (including the trailer). If the antenna is mounted any lower, you may lose the satellite signal from time to time due to blockage (see Figure 1). In addition, by U.S. law the top of the antenna cannot be mounted any higher than 13 feet, 6 inches. *If you will be operating in a non-U.S. market, check the local laws and restrictions prior to installation.*



The antenna should not be mounted lower than 15 inches (38 cm) below the truck's highest point. If the antenna is mounted any lower, you may lose the satellite signal due to blockage.

Figure 1
Antenna Blockage

Figure 2 on the following page illustrates the Truck Bracket assembly procedure and TracVision antenna mounting position. Please refer to Figure 2 as you carry out the following steps:

The following items are supplied in the installation kitpack:

Part	Qty.
¼" flat washers	10
¼-20 x 3" hex screws	5
¼" split lock washers	5
¼-20 hex nuts	5
⅜" flat washers	8
⅜-16 x 2 ½" bolts	4
⅜" split lock washers	4
⅜-16 hex nuts	4

1. Position one of the two hinge plates flush against the desired mounting surface (i.e., the back of the truck). This will be the upper hinge. Ensuring the top edge of the hinge plate is horizontally aligned and, ideally, no more than 14" (35.5 cm) below the truck's highest point, attach it to the mounting surface using hardware appropriate for your particular installation.
2. Using two allen cap screws, attach the mounting bracket to the upper hinge plate. **Do not tighten.** Allow the hinge to move freely.
3. Using two allen cap screws, attach the two struts to the second hinge plate (the lower hinge). **Do not tighten.** Allow the hinge to move freely.
4. Tilt up the mounting bracket to access the bracket's lower extensions. Slide the two struts onto the extensions.
5. While holding the bracket level, parallel with the ground, slide the struts downward until the lower hinge plate is flush against the mounting surface. This will be the lower hinge plate's mounting location.
6. Ensuring the bracket is level, attach the lower hinge plate to the mounting surface using hardware appropriate for your particular installation.
7. **Throughout this step, ensure the mounting bracket remains level.** Using the holes in the struts as a guide, drill four ⅜" (9.5 mm) holes through the mounting bracket such that a bolt may pass from one side of the strut, through the mounting bracket's extension, and out the other side of the strut.
8. Secure the struts to the mounting bracket with the ⅜" bolts, flat washers, lock washers, and hex nuts found in the kitpack.
9. Tighten the allen cap screws at both hinges.

2. Securing the Antenna to the Bracket

1. Place the TracVision antenna baseplate over the mounting bracket's five mounting holes, ensuring the baseplate's cable ports face the hinge plate.
2. Secure the antenna baseplate to the mounting bracket with the $\frac{1}{4}$ " bolts, washers, and nuts found in the kitpack.
3. Follow the remaining installation and wiring instructions provided in *Section 2, "Installation"* of your TracVision user manual.



Disregard the metal mounting plate that came with your antenna unit. It is not necessary for this installation.

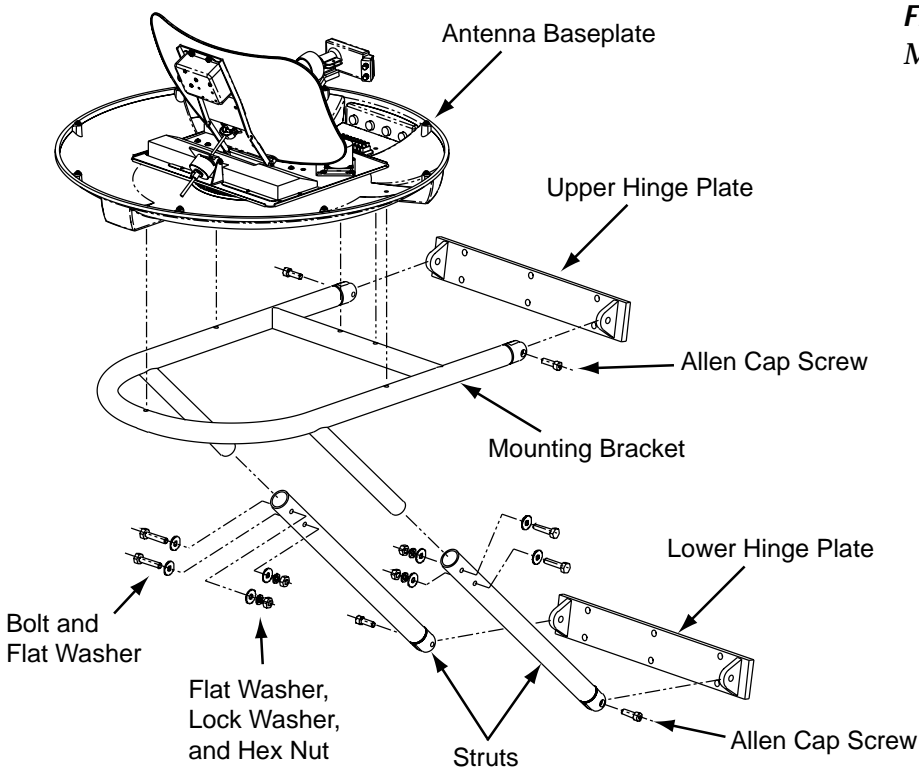


Figure 2
Mounting Bracket Installation