

# INSTALLATION INSTRUCTIONS

## STELLAR & ATLAS CLAMP ASSY Tenon Mount

### Tools Required:

1/2", 5/8" and 9/16" Sockets  
Torque Wrench (0-50 ft. lbs.)  
Hack Saw

### Attaching Clamp Kit to Tenon:

1. Loosen all the hardware on the Tenon Clamp Kit.
2. Slide the clamp kit over the tenon. (Figure 1)
3. Evenly snug the two 3/8"-16 x 5" bolts on one side of the clamp kit to hold the clamp kit in place.
4. Plumb and level the clamp kit.
5. Evenly torque the (2) 3/8"-16 x 5" bolts holding the back clamp on one side of the clamp kit to 22 ft-lb. **DO NOT OVERTIGHTEN.**
6. Evenly torque the (2) 7/16" bolts on the female body to 22 ft-lb. **DO NOT OVERTIGHTEN.**
7. Evenly torque the remaining (2) 3/8"-16 x 5" bolts holding the back clamp on other side of the clamp kit to 22 ft-lb.

*Continued on back*

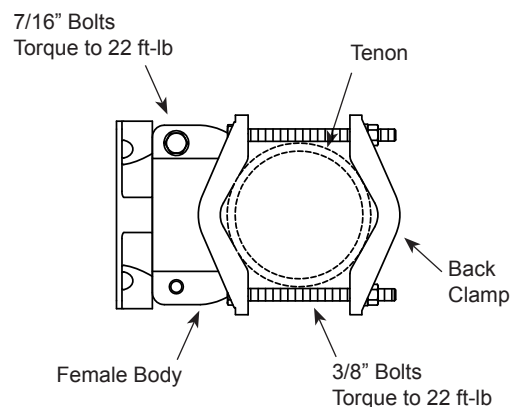


Figure 1 (Stellar)

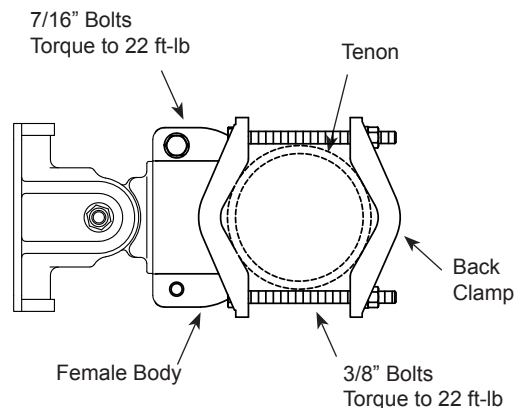


Figure 1 (Atlas)

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## STELLAR & ATLAS CLAMP ASSY

### Tenon Mount

Continued from front

#### Signal Assembly:

8. Position the lower arm centered on the signal with the tube channel in the back. Using the hardware kit(s) without the neoprene gasket(s), mount the arm to bottom of the signal(s). Torque the bolts to 6 ft-lb. **DO NOT OVERTIGHTEN.** (Figure 2)
9. Screw the tube/gusseted tube into the lower arm stopping at a point where the channel (if using a gusseted tube) is facing away from the signal. (Figure 3)
10. Slide the upper arm(s) down over the top of the tube and secure to the signal(s) using the hardware kit(s) with the rubber gasket(s). (Figure 2)
11. Torque the set screws to 13 ft-lb in the upper and lower arms. **DO NOT OVERTIGHTEN.** (Figure 3)
12. Optional: Using the hack saw, cut off any excess tube protruding above the upper arm. (Figure 3)
13. Mount the tube assembly (with its attachments installed) into the male clamp of the kit. Insert the v-bolts as shown and attach with lock washers and nuts. (Figure 4). Position the signal to the desired height and direction, torque nuts on (2) 5/16" v-bolts to 13 ft-lb. **DO NOT OVERTIGHTEN.**
14. For Stellar Clamp Kit skip to step 15.  
For Atlas Clamp Kit adjust the articulating joint as necessary and torque the 7/16" bolt to 36 ft-lb. **DO NOT OVERTIGHTEN**
15. Route the wiring through the tube, through the lower arm, and to the signal connections. (Figure 1)
16. Cut the PVC insert to size and insert in the tube.
17. Slide in the bottom cover(s) and snap into place.

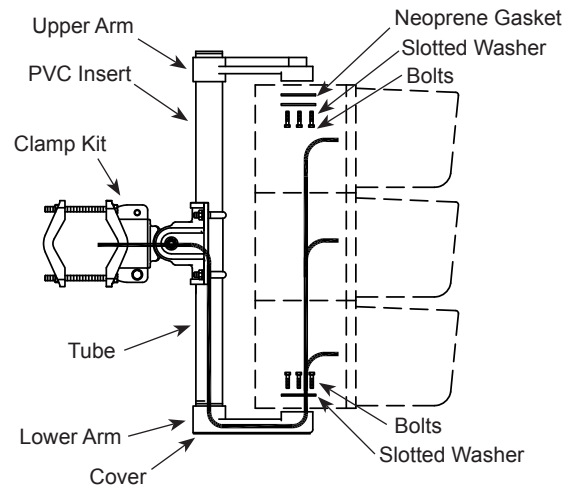


Figure 2 (Atlas shown)

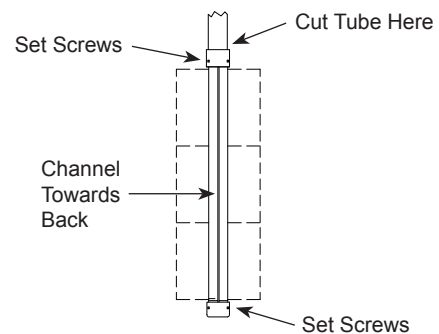
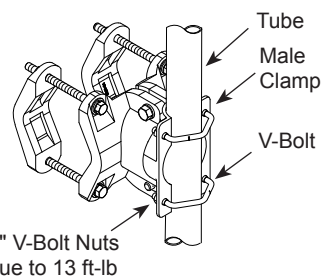


Figure 3



5/16" V-Bolt Nuts  
Torque to 13 ft-lb

Figure 4 (Stellar)

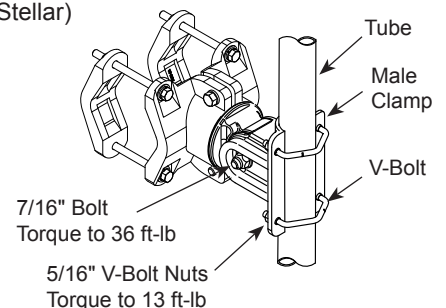


Figure 4 (Atlas)