

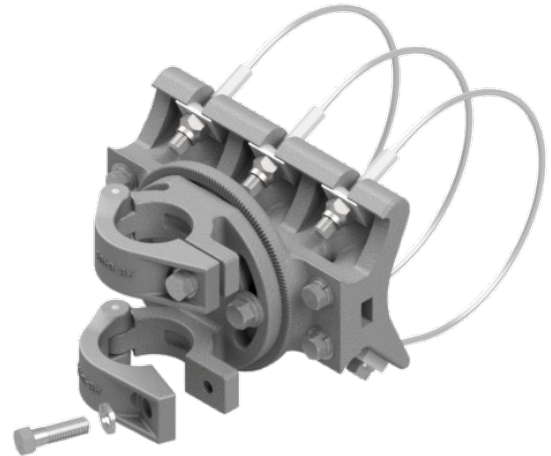
# INSTALLATION INSTRUCTIONS

## AB-3050

### Triton Hinged Clamp Assy 3/16" Cable Mount

Tools Required: 9/16" Deep Socket for 3/8" Bolt  
11/16" Deep Socket for 7/16" Nut  
3/8" Open End Wrench  
Torque Wrench  
Hack Saw

Power tools can be used if care is given to not exceed torque values. Best practice is to lightly snug the fasteners down with power tools and torque to specification with a torque wrench. Using anti seize on stainless to stainless connections is mandatory when using power tools as the heat from rapid assembly will cause galling and seizure of the hardware.



#### Attaching Clamp Kit to Mast Arm or Pole

1. Remove the male tube saddle, hinged tube clamp, and adapter plate from the assembly.
2. Loosen the (6) 3/8" bolts on the cable plates.
3. Adjust the nuts flush to the top of the cable screw as shown. (Figure 1)
4. Feed the wiring through the center of the clamp and place on the mast arm as desired.
5. Place the cable screw assemblies in the casting pawls of the female clamp as shown. (Figure 2)
6. Pull the cables to tighten the cables on the mast arm.
7. Torque the (6) 3/8" cable plate bolts to 22 ft-lb. DO NOT OVERTIGHTEN.
8. Snug the nuts on the cable screw assemblies just enough to hold the clamp kit in position.
9. Plumb and level the clamp as needed on the mast arm.
10. Starting with the center cable use a 3/8" Open End Wrench to hold the cable screw and torque the cable screw assembly to 36 ft-lb. DO NOT OVERTIGHTEN. Do not allow the cable to rotate while torquing the nut.
11. Place the free ends of the cables in the slots provided on the clamp body and position the adapter plate on the clamp making sure the cables are not pinched between the clamp and adapter body. Install the (4) 3/8" hex head bolts, flat washers, and lock washers and torque to 22 ft-lb. DO NOT OVERTIGHTEN.

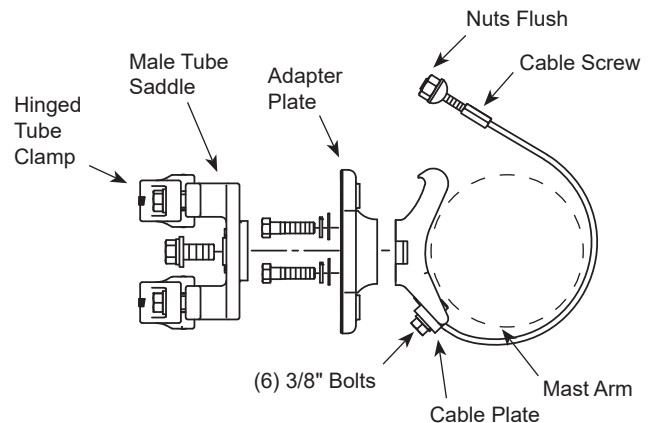


Figure 1

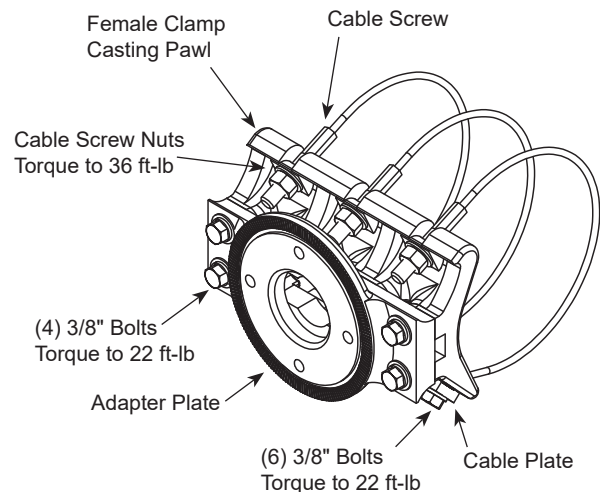


Figure 2

Continued on back



# INSTALLATION INSTRUCTIONS

## AB-3050 Triton Hinged Clamp Assy 3/16" Cable Mount

Continued from front

### Hinged Clamp Assembly

12. Mount the tube assembly into the hinged tube clamp. Tighten the (2) 7/16" bolts and evenly torque to 36 ft-lb. DO NOT OVERTIGHTEN. (Figure 3)
13. Install the hinged tube clamp assembly (with its attachments installed) onto adapter plate of the clamp. Position for either horizontal or vertical orientation and loosely install the (2) 7/16" bolts. (Figure 3)
14. Plumb and level the assembly. Torque both 7/16" bolts on the male tube saddle to 22 ft-lb. DO NOT OVERTIGHTEN.
15. If needed route the wiring through the tube and to the electrical connection. (Figure 4)

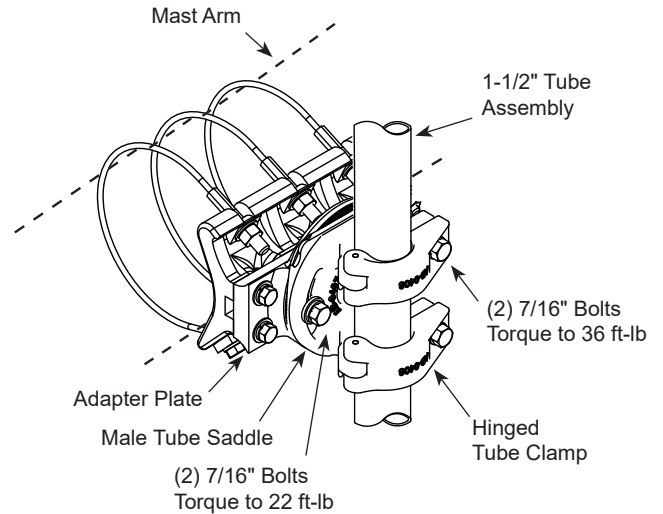


Figure 3

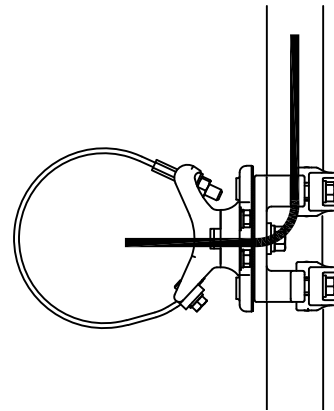


Figure 4