

Pyranometer Boom

Introduction

These instructions will assist you in installing a pyranometer boom on a TallTower.

The items included are:

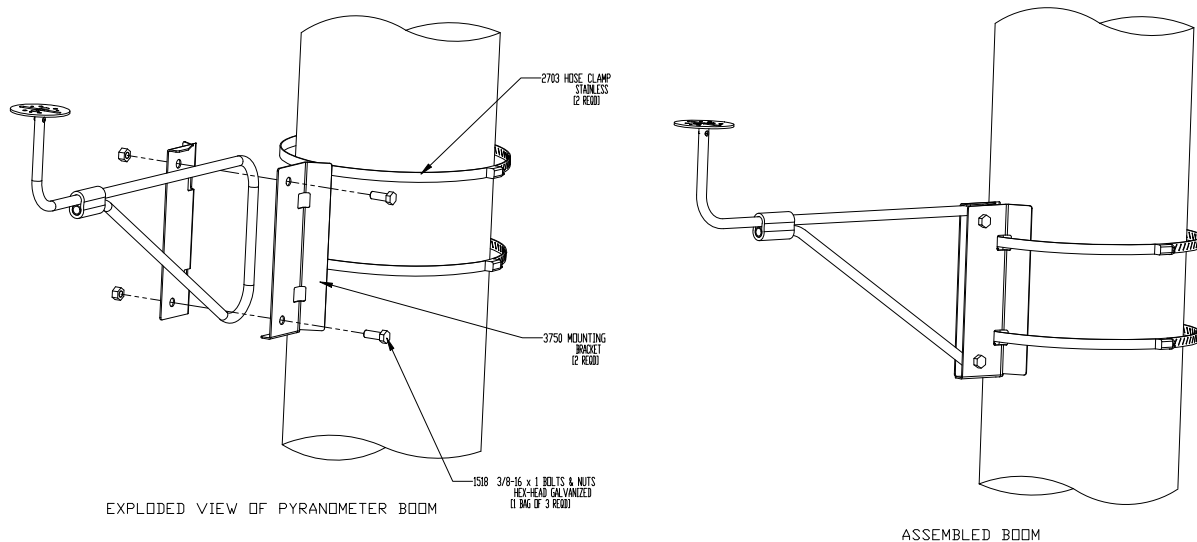
- (2) #3750 mounting plates
- (2) #1518 3/8-16 bolts with nuts
- (2) #2703 stainless steel hose clamps

The tools required are:

- (1) 3/8 inch nut driver or socket (or drill driver with same dimensions)

Installing the Pyranometer Boom

- Place the boom in position between the (2) #3750 mounting plates. Be careful to position the bent flanges in the correct location to capture the boom securely (as shown in the drawing below).
- Install (2) #1518 3/8-16 bolts through the holes and connect the nuts. Tighten nuts by hand only.



- Insert a #2703 stainless steel hose clamp through the top square hole in the bracket, over the boom, through the other bracket, and around the tower. Tighten with a drill driver just enough to keep the hose clamp from sliding down the tower. Repeat with the other #2703 hose clamp through the lower square hole.
- Adjust the hose clamps so that they are positioned horizontally on the tower tubing and tighten again.
- Tighten the nuts on the 3/8-16 bolts using the drill driver.
- The boom is now ready for the installation of the pyranometer.

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