



Pyranometer Boom

Introduction

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

The items included are:

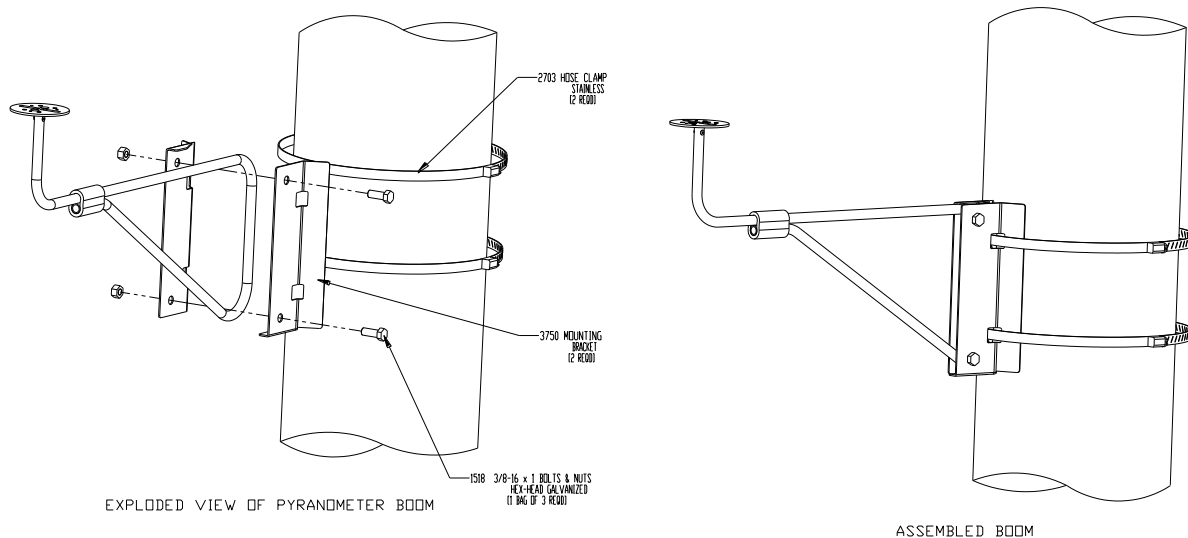
- 2 x #3750 mounting plates
- 2 x #1518 3/8-16 bolts with nuts
- 2 x #2703 stainless steel hose clamps

The tools required are:

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

Installing the Pyranometer Boom

1. Place the boom in position between the 2 x #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).
2. Install 2 x #1518 3/8-16 bolts through the holes and connect the nuts. Tighten nuts by hand only.



3. 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.
4. Adjust the hose clamps so that they are positioned horizontally on the tower tubing and tighten again.
5. Tighten the nuts on the 3/8-16 bolts using the drill driver.
6. The boom is now ready for the installation of the pyranometer.