

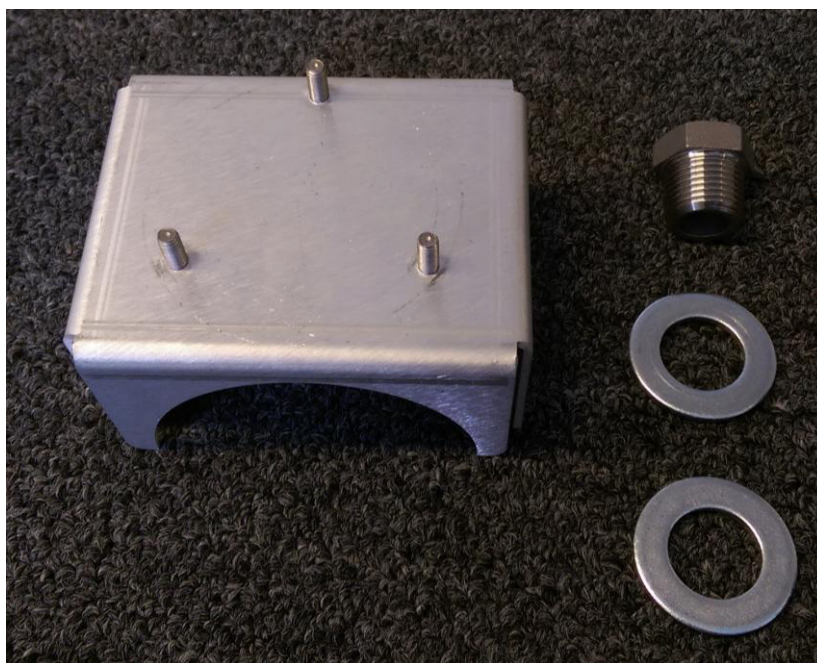
Assembly Instructions for the Sentinel with Solar Brackets for a Yokogawa EJA Sensor

Kit Parts List:

- 1 Saddle bracket for Yokogawa Sensor
- 1 Main Solar+Sentinel Bracket
- 1 ½ NPT aluminum coupling+nipple
- 1 Water tight flex conduit with 2 fittings
- 1 ½ NPT Plug with 2 washers
- 1 Cable clamp
- 4 ¼-20 flange nuts
- 3 #10 flat washers
- 3 10-32 Nylock Nuts

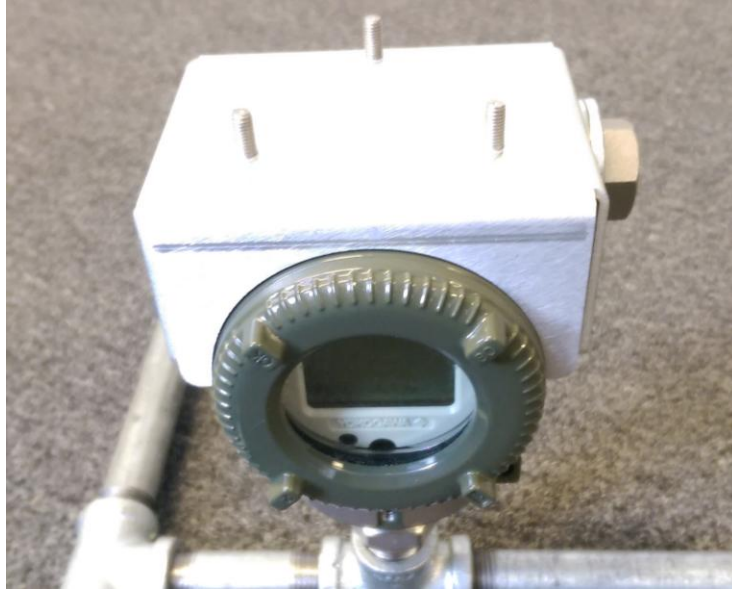
Assembly

1. Install saddle bracket to sensor

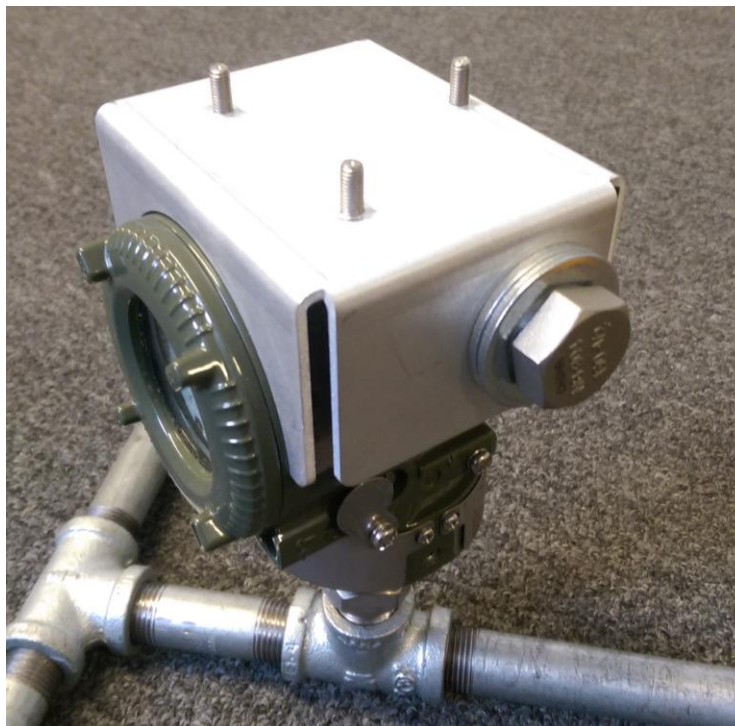


Parts Required

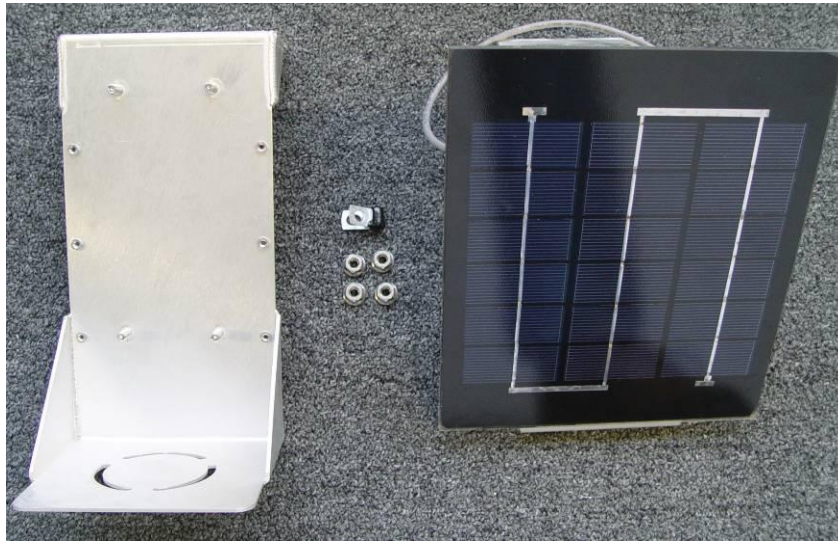
Place the saddle bracket on the sensor as pictured



Install the NPT plug using the 2 supplied washers. Use Teflon tape on the threads. Tighten the NPT fitting.

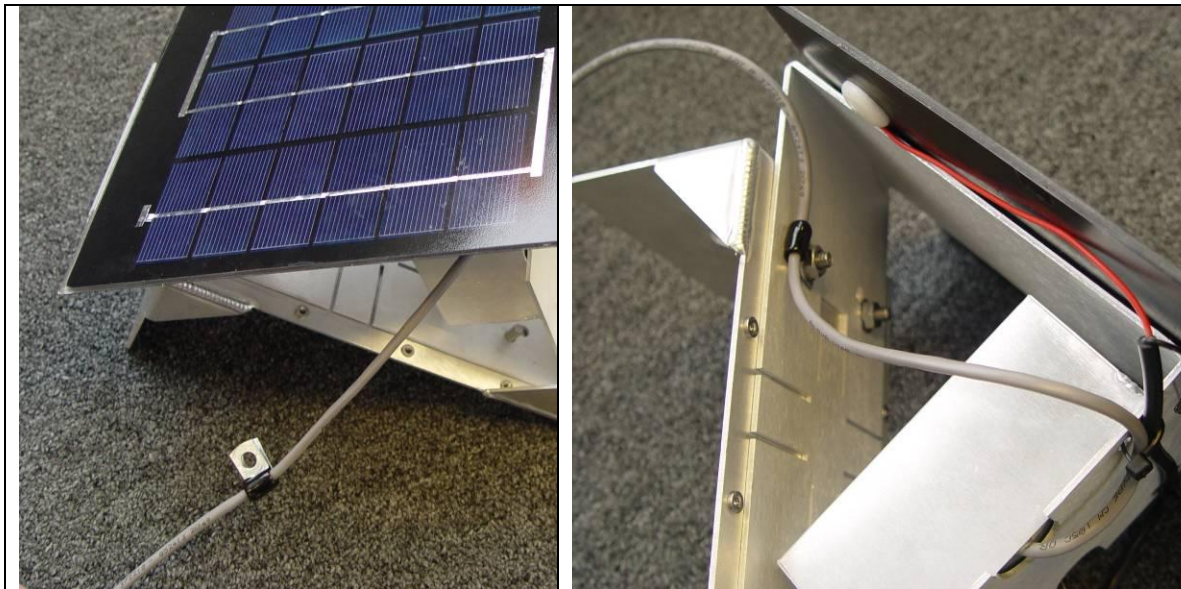


2. Attach solar bracket to Z-bracket



Parts Required

Place the solar system onto the Z-bracket. Place cable clamp over the power cable as pictured. Place cable clamp over the stud and install and tighten the 4 flange nuts.

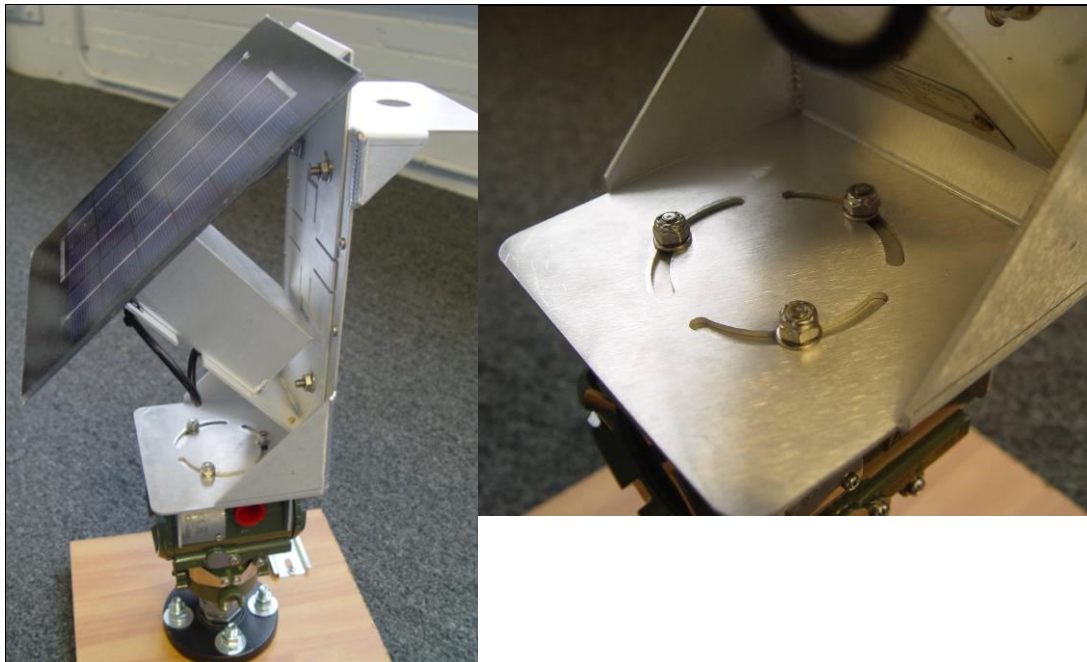


3. Attach Solar bracket assembly to saddle bracket



Parts required

Place the solar assembly onto the saddle bracket positioned so that the solar panel has a clear view of the southern sky. Install the 3 #10 washers and nuts.



4. Install Sentinel

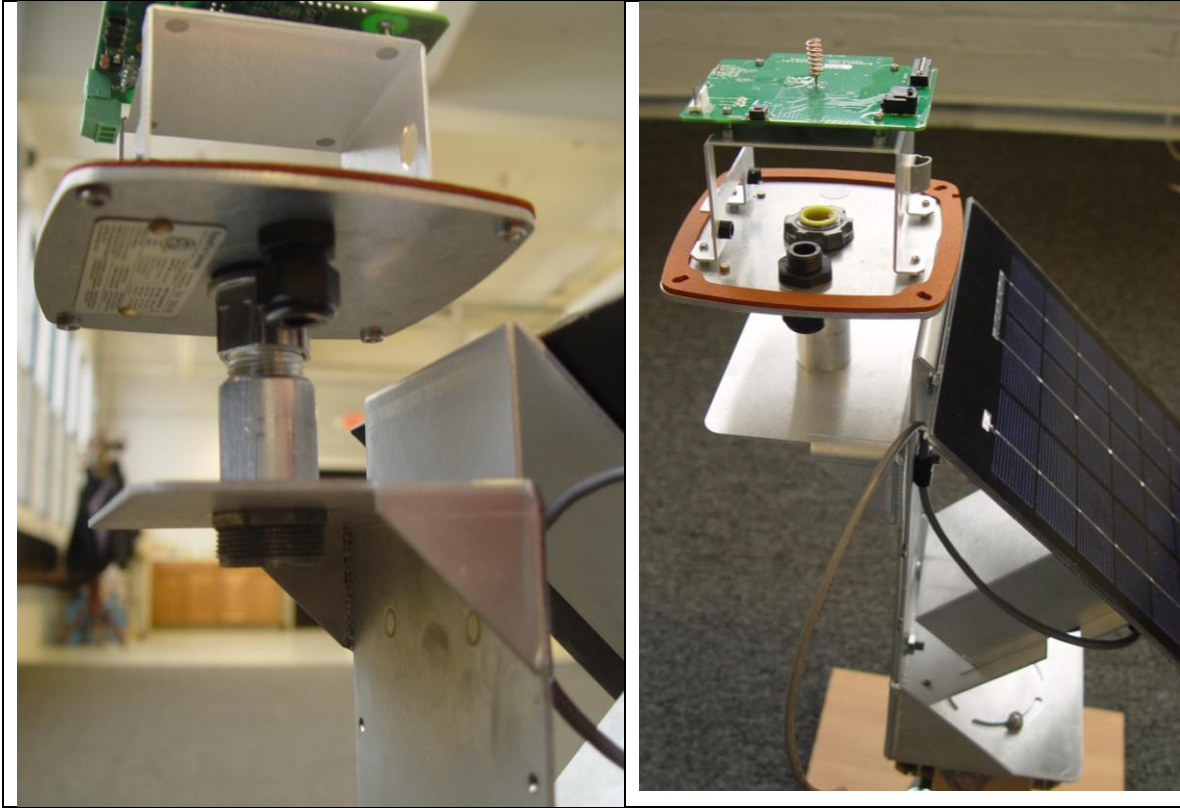


Parts required

Install the NPT nipple and coupler to the bottom of the Sentinel. Use Teflon tape on the threads.

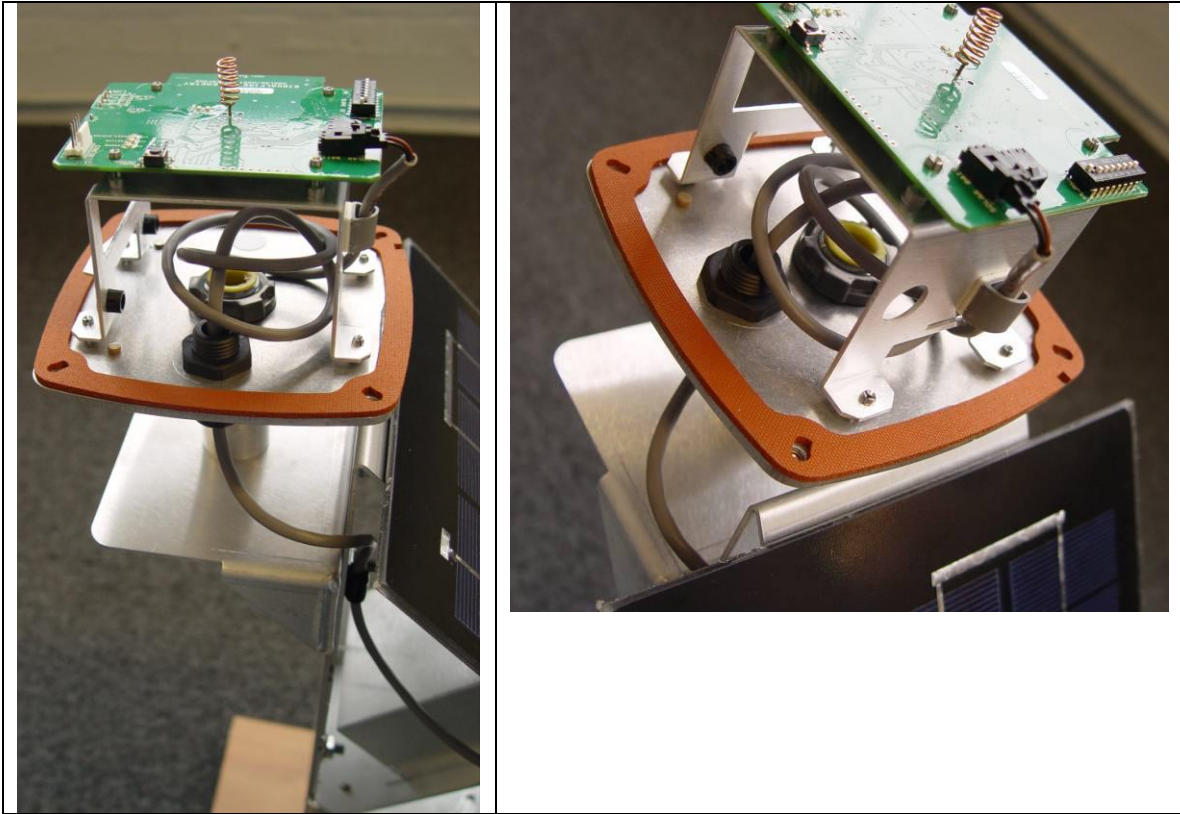


Remove the purple gasket from one of the flex conduit fittings and attach the Sentinel to the bracket, use Teflon tape on the threads. Position the Sentinel so that the cable grip fitting faces the power cable.



Feed the power cable from the solar through the cord grip into the Sentinel unit. Finger tighten the cord grip around the cable.

Coil the excess cable inside the Sentinel, route the cable through the clip as shown.



5. Install Flex-Conduit

Remove the purple gasket from and install second conduit fitting into the Yokogawa sensor, again use Teflon tape. Connect the flex conduit and run wires between the Sentinel and the Sensor. Depending on the positioning of the solar panel the conduit may be trimmed for a better fit.

