200-1405-MS-xx Mounting Stub for WindSonic and MaxiMet Sensors

☐ **200-1405-MS-AL**   Aluminum mounting stub
☐ **200-1405-MS-SS**   Stainless steel mounting stub
☐ **200-1405-MS-AL-S**   Slotted aluminum mounting stub
☐ **200-1405-MA-B**   Aluminum stub and mounting boom

The Mounting Stub protects the cable connector on the base of your WindSonic or MaxiMet sensor and adapts to various pipe sizes up to 1.32" (33.5mm) diameter. Three short screws are supplied to secure the sensor, and three longer screws secure the stub to the supporting mast.

Assembly Instructions

1. Locate the label that indicates "TOP". Slide the connector end of the cable into the *opposite* end of the mounting stub and through so that the stub is now on the cable.

2. Engage the connector with the sensor and turn the locking ring ¼ turn. You may feel the "click" as it locks.

3. Slide the mounting stub over the connector until the mounting holes in the base of the sensor align with the holes in the mounting stub.

4. Insert all three **short** screws finger-tight. Tighten each screw a turn and then repeat until the sensor is firmly attached.
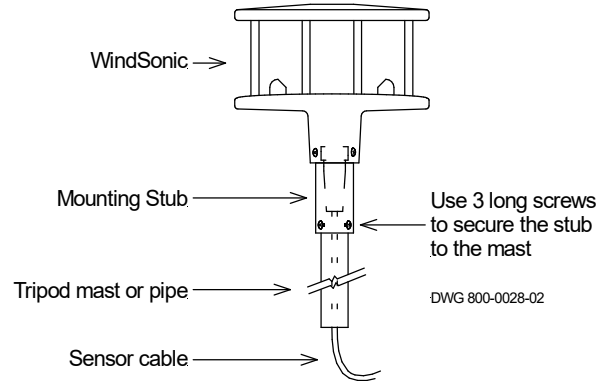
MaxiMet on Mounting Stub

The next process depends on whether the sensor is top mounted, slotted, or boom mounted. See reverse side for instructions.

Top Mount (200-1405-MS-AL or 200-1405-MS-SS)

Feed the free end of the cable through the mounting pipe and then secure the stub to the top of the pipe with the remaining screws. Route the cable to your monitoring equipment to complete the installation.

WindSonic →

Mounting Stub →

Use 3 long screws to secure the stub to the mast ←

Tripod mast or pipe →

DWG 800-0028-02

Sensor cable →

Top Mount with Slotted Stub (200-1405-MS-AL-S)

The slotted version is available for installations where the sensor cable cannot be routed inside the supporting pipe.

1. Install the sensor on the stub, then flex the cable into the slot.
2. Insert the large flat washer into the bottom of the stub and assemble the stub to the mounting pipe using the long screws. *NOTE: The large washer protects the cable by preventing the mounting pipe from being inserted too far and pinching the cable.*
3. Secure the cable to the mast using a cable tie. Tape over the slot to prevent rain from entering the support mast.

Bottom View showing large washer installed.

Side Mounting Boom (200-1405-MA-B)

Engage the mounting stub in the plastic holder at the end of the mounting boom and tighten the U-bolt to secure it. Clamp the other end of the boom to the tower or mast using the U-bolt provided, or obtain a larger U-bolt if the mast is greater than Ø 1.38". Use cable ties to support the cable.