⚠ **CAUTION**

The sign center should be mounted 4 – 6" above the mast arm center to keep wind forces balanced and prevent movement in high winds. Ensure banding has adequate strength for the application and is installed per manufacturer's instructions.
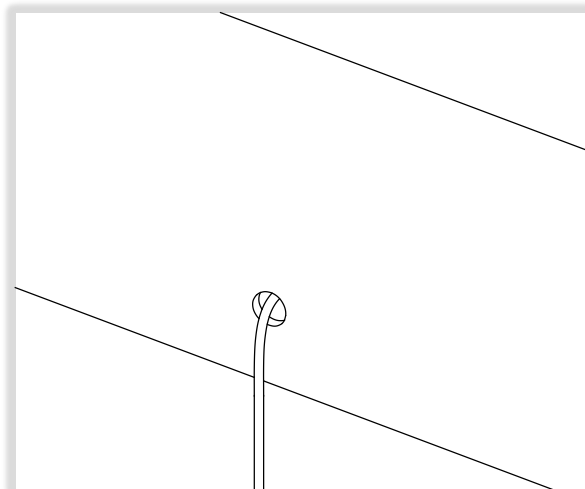
NOTE

Supplied bracket accommodates banding to mast arm diameters over 4". Supplied perforated steel tube accommodates signs up to 48" and may be cut shorter for smaller signs.
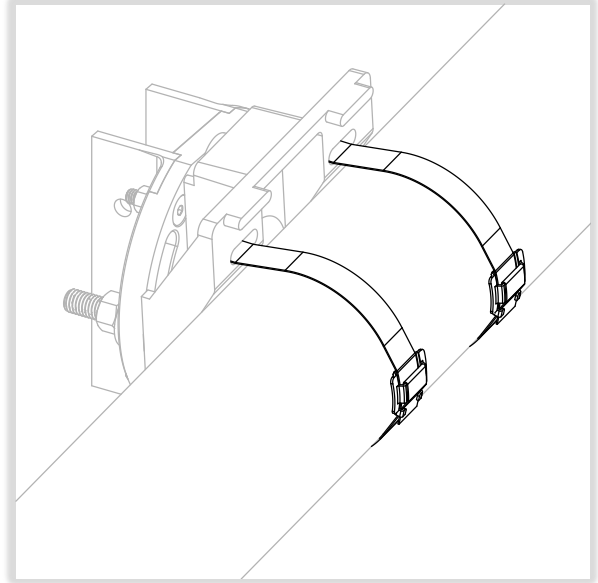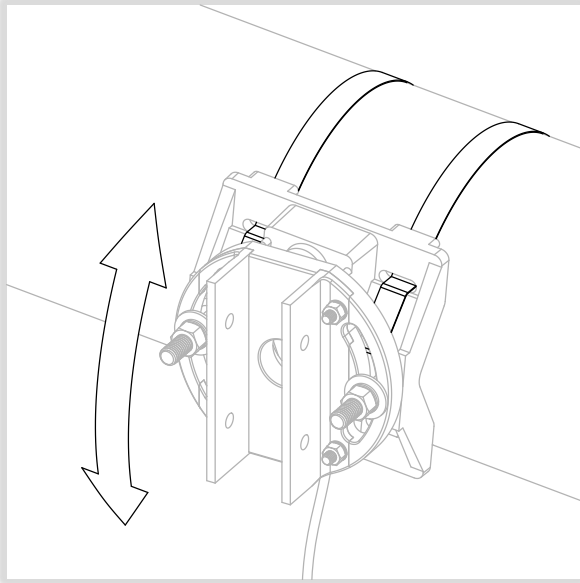
NOTE

The use of anti-seize or other suitable lubricant is recommended on stainless steel fasteners to prevent thread galling.

1. Drill 1" hole for cable at desired location along mast arm. Deburr hole or use suitable grommet (not supplied) to protect cable.
2. Fish enough cable through hole to reach RRFB connectors.

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3. Place bracket over mast arm and orient it at desired tilt angle.
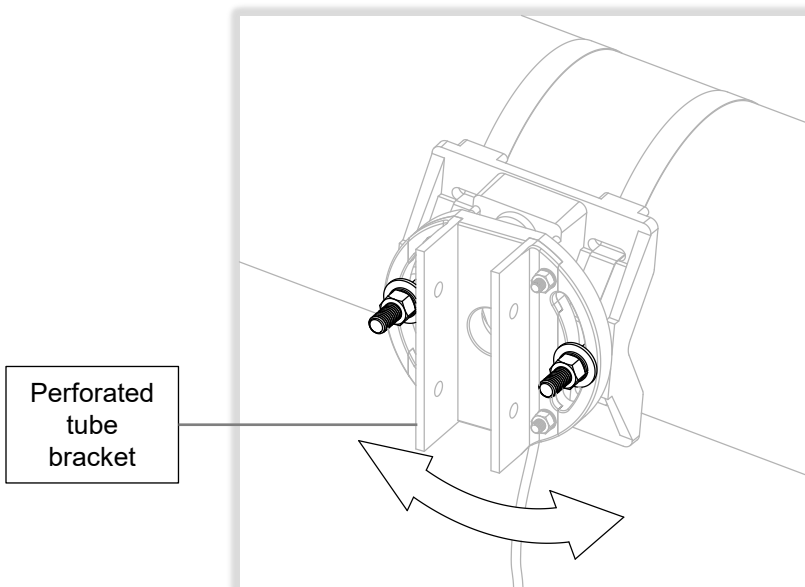4. Install and tighten banding following banding manufacturer's instructions.

NOTE Do not feed the light bar cable through the center bracket hole. Route it downwards between the back of the bracket and the mast arm.
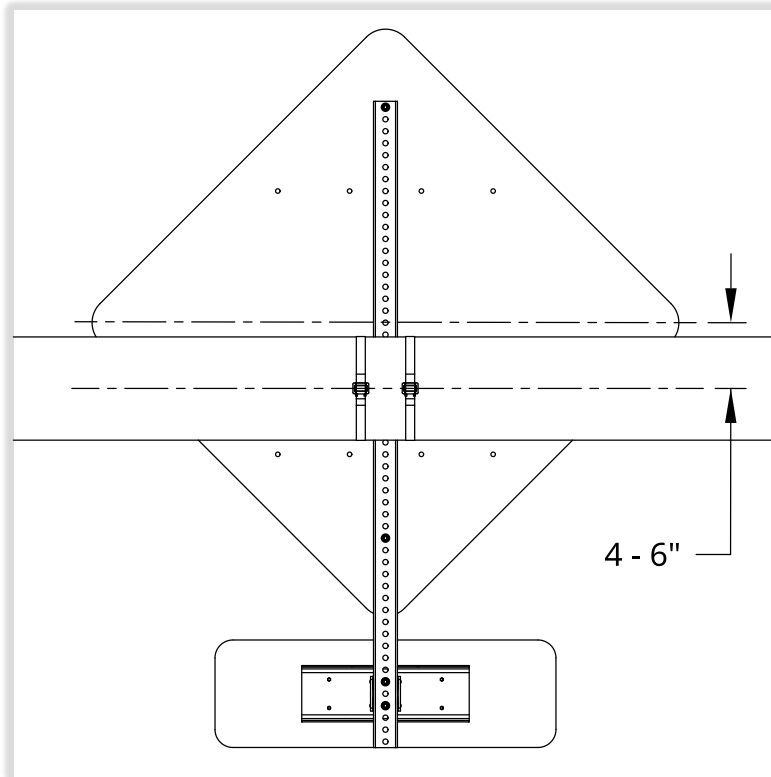
! CAUTION The sign center should be mounted 4 – 6" above the mast arm center to keep wind forces balanced and prevent movement in high winds.
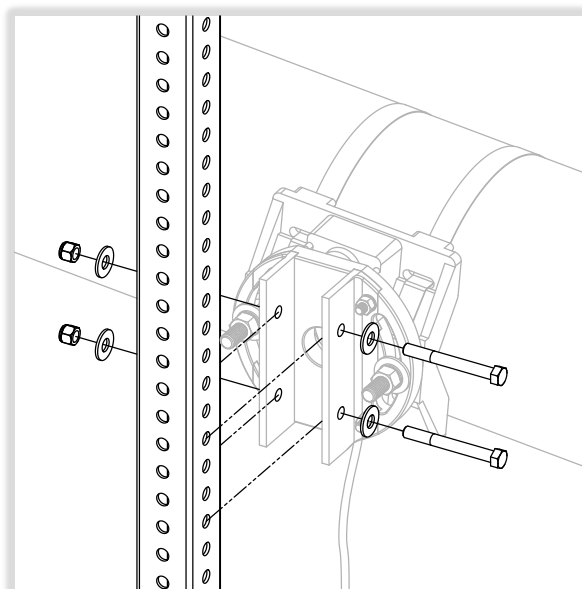
5. Adjust angle of perforated tube bracket and tighten two nuts to 37 ft-lb (lubricated) or 43 ft-lb (dry) to lock in place.

Perforated tube bracket

6. Locate perforated tube on bracket so that an offset of 4 – 6" between mast arm and sign centers is achieved as shown below.
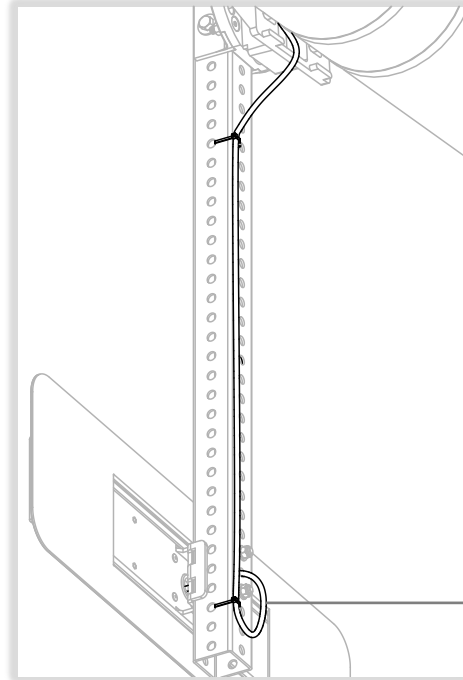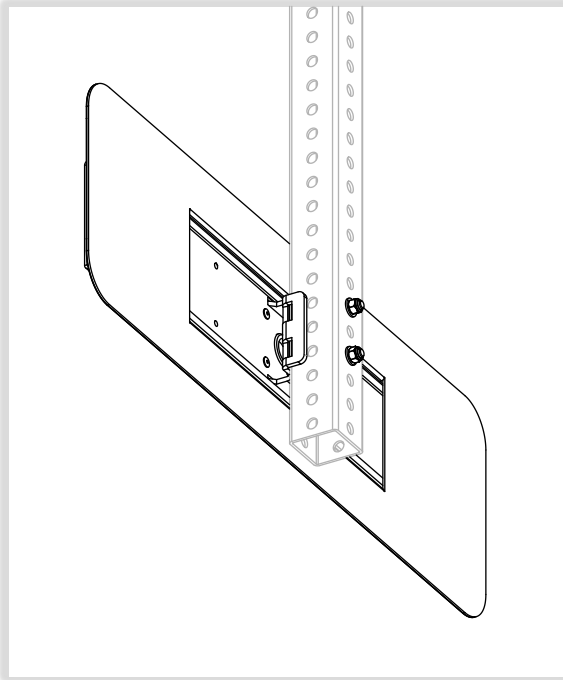

4 - 6"

7. Mount supplied perforated tube to bracket using included 3/8" hardware. Tighten to 17 ft-lb (lubricated) or 20 ft-lb (dry).
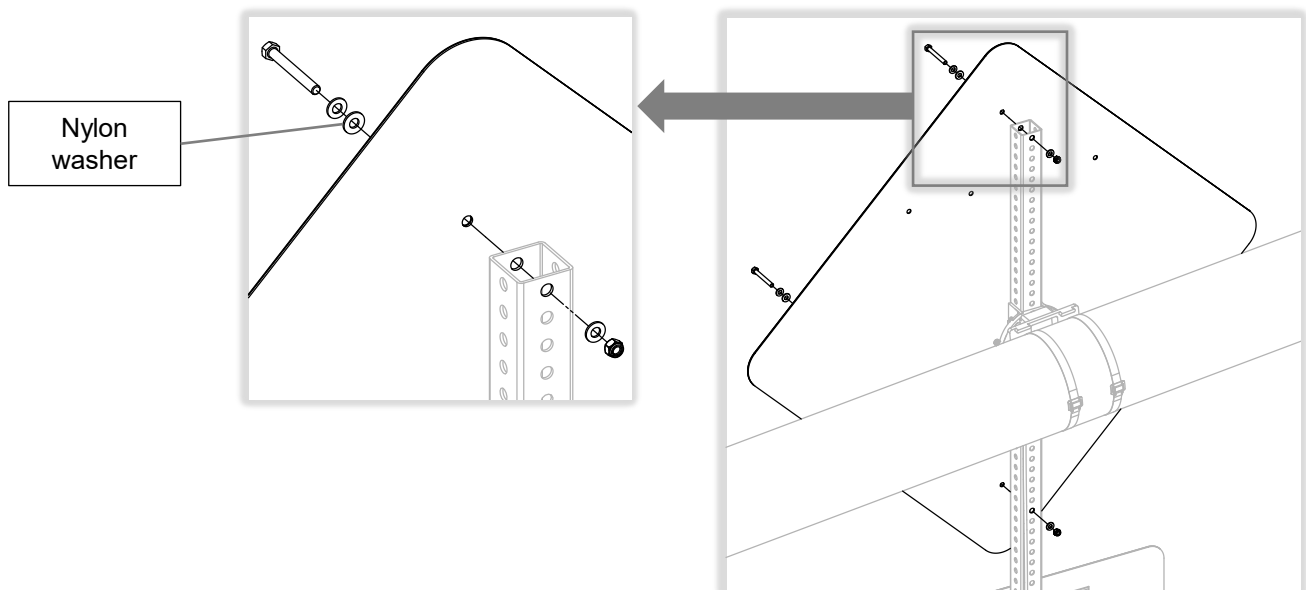
8. Use provided 5/16" bolts, washers and nuts to fasten RRFB mount bracket to perforated tube and install RRFB at bottom of perforated tube per **LEVEL 3** RRFB Install Guide.
9. If applicable, install back plate per **LEVEL 4** RRFB Back Plate Install Guide.
10. Secure cable to perforated tube forming a drip loop as shown.

Drip loop

11. Mount sign to perforated tube using provided 5/16" hardware, ensuring nylon washer is against sign sheeting.

Nylon washer

NOTE: READ ALL INCLUDED INSTALL GUIDES BEFORE SYSTEM INSTALLATION