

Installation Guide

PM-SB-BAND-SERIES

PoleStar Pole Banding Kit



This all-weather, stainless steel banding strap kit is designed to attach objects to outdoor and indoor poles and columns.

Contents:

Be sure that all of the following items are included in this kit before proceeding:

- 2 pcs Banding Strap, stainless
- 4 pcs Bolt retainer buckle, stainless
- 2 pcs Carriage bolt, 3/8-16x6" lg, glvnz
- 4 pcs Hex nut, 3/8-16, glvnz
- 2 pcs Flat washer, 3/8 SAE, glvnz
- 1 pc Threadlock, .02 oz tube
- 1 pc Installation guide

Installation Procedure:

Step 1: Assemble Fixed Retainer Buckle

Mark the strap at least 6" from the end then slightly fold the strap at the mark. Insert the strap into the upper slot near the rectangular hole then fold back then insert into the lower slot (Figure 1). Bend banding strap slightly (Figure 2).

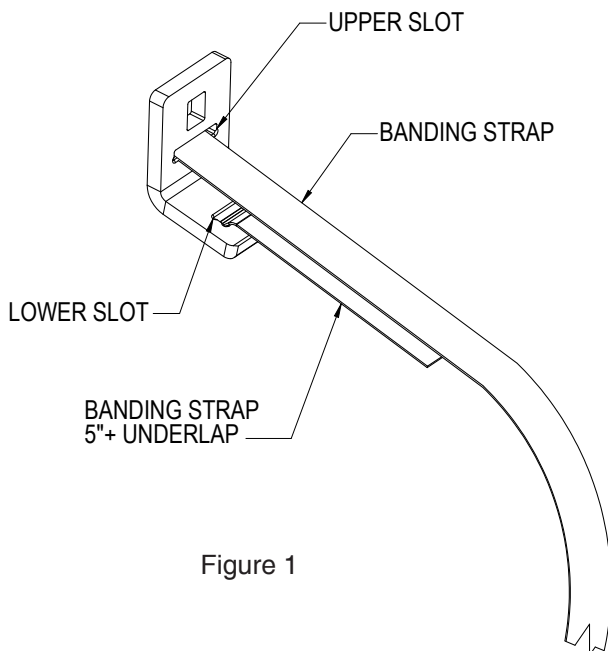


Figure 1

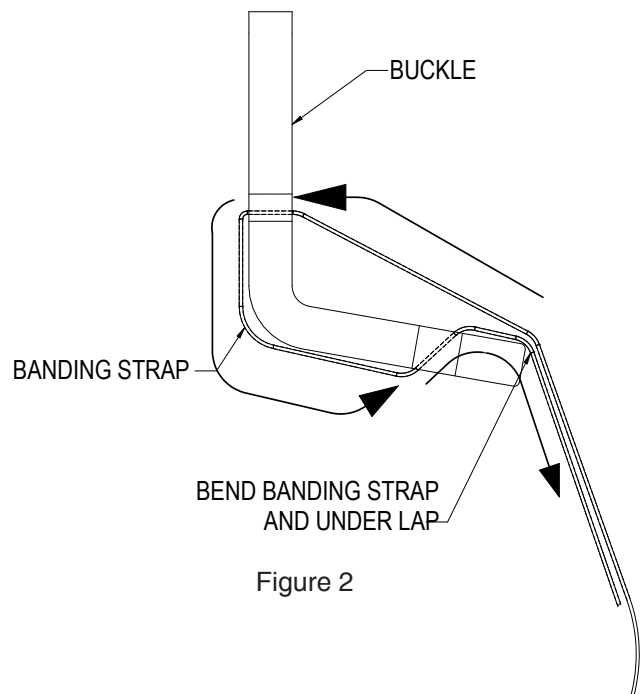


Figure 2

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PoleStar Pole Banding Kit

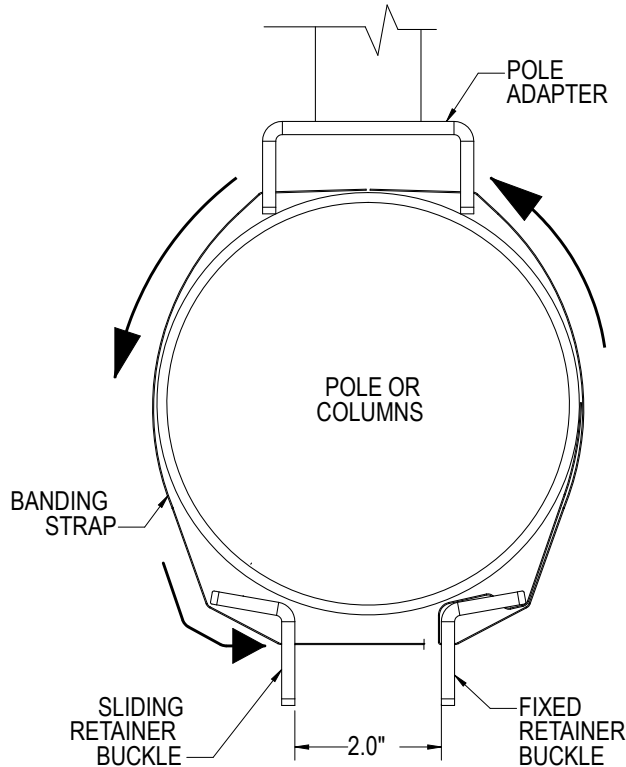


Figure 3

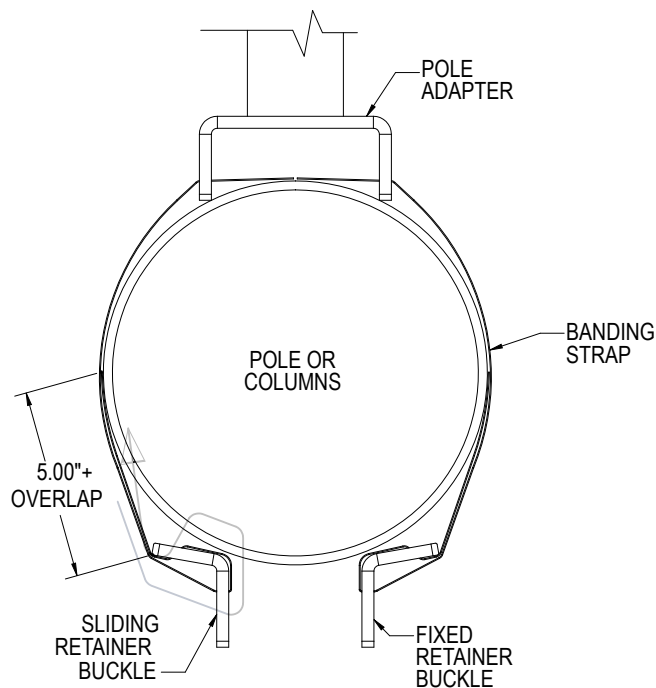


Figure 4

Step 2: Assemble The Pole Adapter to the Strap

Insert the free end of the banding strap through the selected pole adapter's slot, then through the sliding retainer buckle upper slot (Figure 3).

Step 3: Determine Strap Length for Pole

Holding the fixed retainer buckle firmly against the pole, overlap the strap then move the sliding retainer buckle at least 2" away from the fixed retainer buckle (figure 3).

Step 4:

Bend strap on the buckle's upper slot then insert back into the buckle's lower slot (Figure 2). Trim away the excess strap material leaving at least 5" or more underlap. A Longer underlap tail length provides more effective locking. Feed any excess strap material through the Pole Adapter's slots, if necessary (figure 4).

Step 5:

Place the strap assembly around the pole, at the final mounting height and secure the retaining buckles with the carriage bolt, hex nut and flat washer (Figure 5). Be sure that the Pole Adapter is oriented into the right direction and with the retainer buckle assembly on the opposite side of the Pole Adapters (Figure 4).

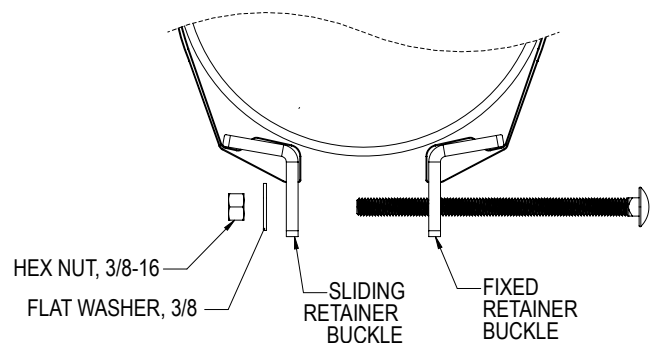


Figure 5

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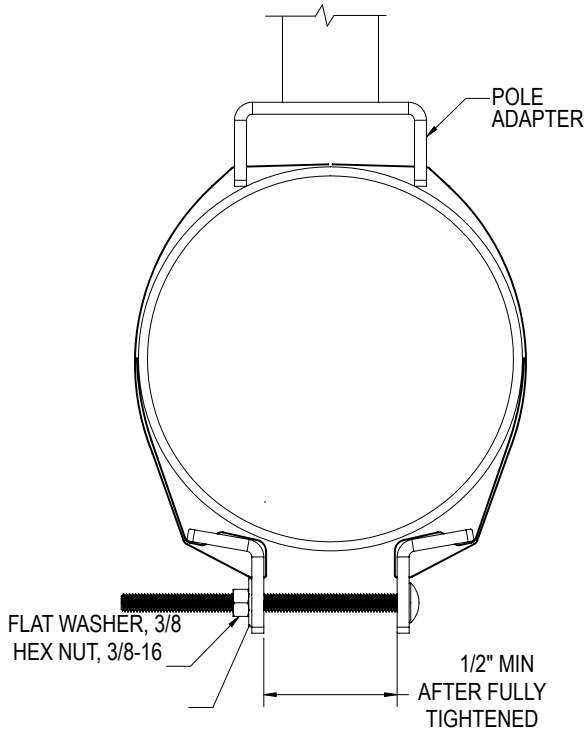


Figure 6

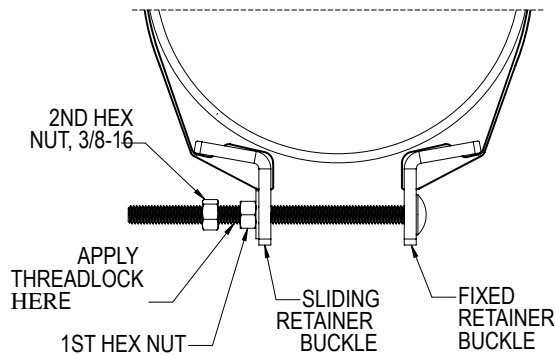


Figure 7

Step 6:

Tighten the Carriage Bolt/buckle assembly starting at 10 ft/lb, inspect assembly then gradually increase tension if needed until all slack has been removed from the fully loaded assembly. Retainer buckle must have a minimum of 1/2" gap after fully tightened. **Do not exceed 15 ft/lb torque** (Figure 6).

Step 7:

Apply threadlock around the carriage bolt's thread near the 1st hex nut then install the 2nd hex nut. tighten permanently (Figure 7).

Step 8:

Repeat above process for the next strap assembly.

Note to installers:

Due to the wide variety of wall structures, materials and mounting methods, the installing contractor must exercise proper judgment in selecting the mounting area and hardware.

As a guide, the installation, when complete should be capable of supporting at least 5 times the actual applied load. Always use a backup safety system such as a safety cable.

To assure a trouble-free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the proper hardware to use, consult a structural and/or hardware specialist.