

Windspill™ Deluxe Adjustable Banner Hardware Installation Instructions

For the most trouble-free installation, we highly recommend mounting the Deluxe Adjustable hardware per these instructions. Some choose to use Quick-release banding, but this method does not give the proper compression of the base plate against the pole, and could lead to frequent readjustment of the banding and, in some cases, failure. Our warranty applies only to Deluxe Adjustable Hardware properly installed according to these instructions.

For installation, you will need the following tools: Banding Tensioning Tool, Ladder or Hydraulic Lift, Hammer, Pliers, 9/16" wrench or socket, hard hat, safety glasses, a marker or chalk, plumb bob, duct tape or small bungee cord, and a level.

INSTRUCTIONS

1. Determine **how high** you want the **bottom of the banner** to be from the ground. (*We recommend 16" over a roadway, and 12' over a pedestrian walkway.*) Add the length of the banner to find where you should mount the TOP mounting base plate – mark with a piece of chalk. Place the **center** of the TOP base plate at the chalk mark and tape it to the pole using duct tape (or a bungee cord).
2. Using ¾" heavy Duty Stainless Steel banding and stainless steel buckles, Slide a buckle on the banding; **Bend end of banding** under buckle with pliers. **Double wrap banding** (for best compression) around the pole, feeding it through the buckle both times. **Cinch banding** around pole and mounting plate by holding the buckle and pulling on the long end of the banding.
3. Place banding in the open slot of the Banding Tool nose and feed through center slide of tool. With thumb on the band gripper lever, apply tension by turning the handle of the tool. After tension is created, it is no longer necessary to hold band gripper lever as it locks itself under tension. Now, use the banding tool to tighten both double-wrapped banding straps.
4. Place finger on the banding at the buckle while tensioning with tool handle. When you feel the banding stop moving through the buckle, stop turning the handle. At this point, maximum pressure is being exerted around the mounting plate and pole. ***If banding is too loose, you will have to slide it through the tool and tighten again.*
5. Flip the tool over the buckle, **backing off with tension handle throughout entire flipping operation.** *Failure to back off tension may cause banding to break.*
6. Pull the cutting handle on the tool to cut the band.
7. Remove the tool, holding the remaining stub of band down with thumb.

8. Cinch the stub by hammering down the buckle ears, completing banding clamp.

9. Repeat steps 2 through 8 for the bottom banding guide of the top mounting base.

10. Slide the **TOP Arm unit** on to the mounting plate with the “Banner” arrow pointing DOWN. Center it on the mounting Base and secure it to the mounting base with two self-locking bolts provided. Tighten the bolt with a 9/16” wrench or socket. Slide the **TOP SLEEVE** of the banner on the Arm Unit (make sure the grommet is toward the pole). Secure the banner by feeding plastic cable ties (or coated #16 wire) through the grommet and through the tie-down hole just below the fiberglass rod socket.

11. Grab the banner at the bottom inside edge and pull down tightly to determine where the **BOTTOM** mounting base plate should be and mark the pole with chalk where the banner ends. Place the bottom mounting plate so the middle of it is about 1” above the chalk mark. (Use a plumb bob to ensure that the mounting plates are even.) Temporarily tape the mounting plate to the pole. **REPEAT STEPS 2 – 9** on the bottom mounting plate. Be sure to **DOUBLE WRAP** the upper and lower parts of the mounting plate with banding.

12. Slide the **BOTTOM** sleeve of the banner on the arm (make sure grommet is toward pole). Slide the Arm Unit (“Banner” arrow pointing UP) with the banner from the top onto the bottom mounting plate until you are able to insert the two self-locking bolts. Thread the bolts in **LOOSELY**.

13. While you pull down on the outside end of the fiberglass rod, slide the entire arm unit down enough to tighten the banner so it is **evenly taut** across its entire surface. **IMPORTANT: There should be no slack on the INSIDE of the banner.**

14. Now, tighten both bolts securely. TIP: Tighten the top bolt first, then tighten the bottom bolt to put more tension on the outside edge of the banner, then re-tighten the top bolt. Secure banner by feeding plastic cable ties or coated wire through banner grommet and through the tie-down hole just above the arm.

TO CHANGE BANNERS: Release the cable ties. Unscrew the bottom bracket arm. Slide it up and off of the mounting plate. Remove the banner by sliding it off the arm. If the new banner is a little longer or shorter, you may have to loosen the bolts on the upper bracket to get additional adjustment.

TWO BANNERS PER POLE: The bracket mounting plates are attached on opposite sides of the pole at the same time with the same banding (top and bottom).