

VER-T-POL

Made in the USA

Installation Manual

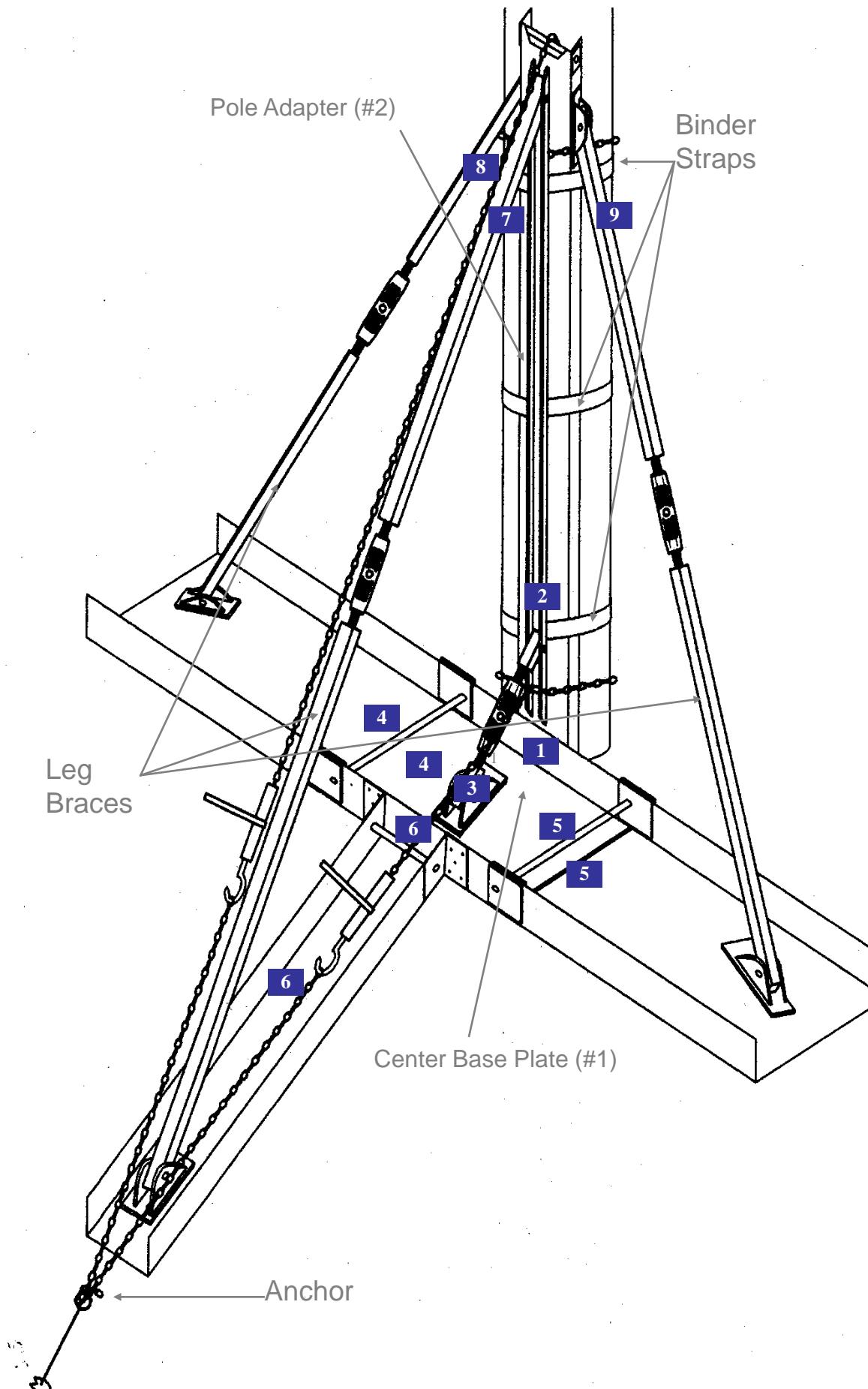


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Reference Chart

- Item 1:** **Center Base Plate**
The Center Base Plate has a 6" pin attachment bracket in the center of the plate and two 1" x 14" pin attachment brackets on top and bottom. There are holes on each corner for 6" pins attachments to accept the Side Base Plates.
- Item 2:** **Pole Adaptor**
The Pole Adaptor has steps/handles on both sides, two 6" pin attachment brackets and a roller on top with a 1" x 14" pin attachment on the bottom.
- Item 3:** **Short Leg**
The Short Leg is approximately 2' long with 6" pin holes on each end.
- Item 4:** **Side Base Plate**
The #4 Side Base Plate has a 6" pin attachment bracket on the left side and two 6" pin attachment brackets on the end of the right side.
- Item 5:** **Side Base Plate**
The #5 Side Base Plate has a 6" pin attachment bracket on the right side and two 6" pin attachment brackets on the end of the left side.
- Item 6:** **Front Base Plate**
The Front Base Plate is 1' x 6', has a 6" pin attachment bracket on one end and a 1" x 14" pin attachment bracket on the other end.
- Item 7:** **Front Leg Brace**
The Front Leg Brace has #7 on it.
- Item 8:** **Left Leg Brace**
The Front Leg Brace has #8 on it.
- Item 9:** **Right Leg Brace**
The Front Leg Brace has #9 on it.
- Accessories:** 2 bags to carry the accessories in
Chain with grab hook on each end – 2 each
Binder Straps – 3 each
Chain Ratchet Binders – 2 each
1" x 14" Pin – 3 each
6" Pin – 11 each
Ver-T-Pol Saf-T-Anchor (STAD442TE – $\frac{3}{4}$) – 1 each
($\frac{3}{4}$ " x 4' rod – flights of 4" & 2" with welded single thimble eye head)



Step 1: A representative from the company that owns the structure should meet with the entity who will be excavating to evaluate where the excavation will take place and where the VER-T-POL should be placed.

Once the representative has determined the placement of the VER-T-POL, it is recommended to paint the ground showing the outline of the VER-T-POL and where the anchor will be placed (if needed) so that the One-Call Center can be notified for locates.

Step 2: Prior to installation of the VER-T-POL, the following should be verified:

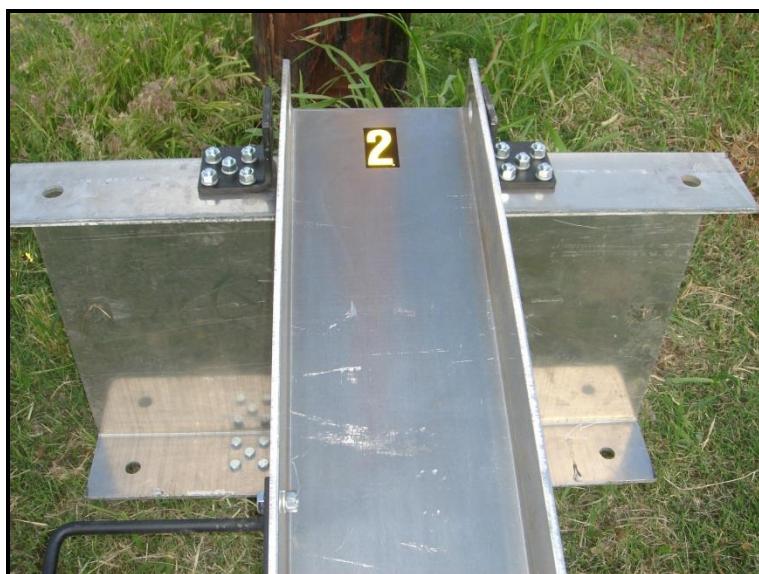
1. Locate markings are present.
2. Perform visual check of pole ground conductor (wire) to ensure it is not glowing red or that there are no burnt marks on the pole.
3. Perform visual check for any loose overhead components, such as conductors off of insulators, loose bracket attachments, broken cross arms or damaged pole top.

After visual inspection of the site is complete, begin installation of the VER-T-POL.

Step 3: Place center base plate #1 in a vertical position approximately 4' in front of the structure. Make sure the number 2 is on top to receive the pole adaptor.



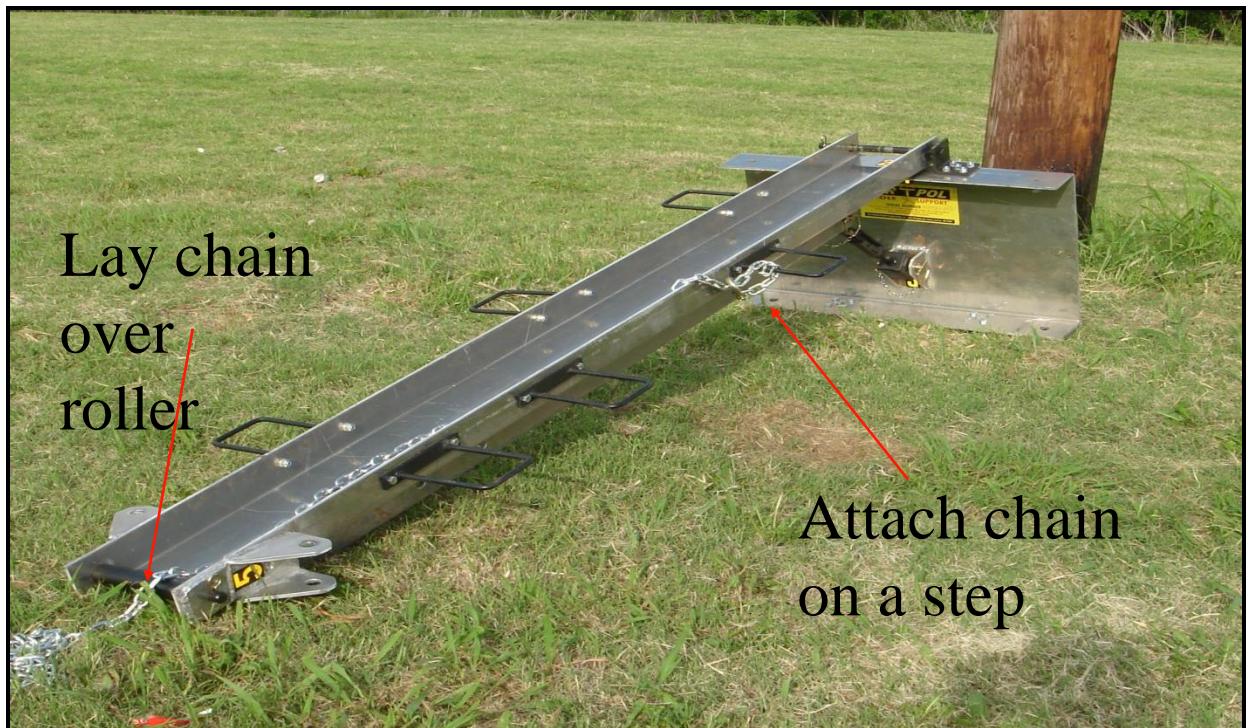
Step 4: Place the pole adaptor (#2) into the bracket of the center base plate and insert the large black 1" x 14" pin and secure it with the hair pin.



Step 5: Attach the short leg (#3) into both the center base plate (#1) and the pole adaptor (#2) with the 6" pins.



Step 6: Attach the grab hook on the chain to one of the steps and lay it over the roller on top of the pole adaptor.



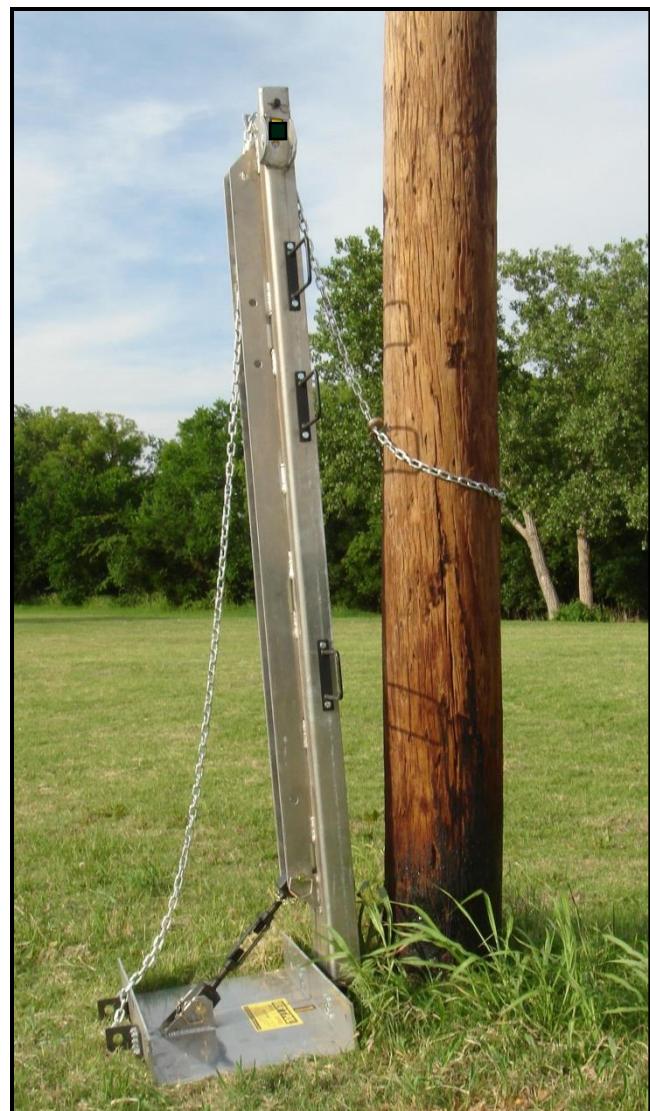
Step 7: Erect the adaptor so that the center base plate lays flat on the ground and the adaptor is parallel with the pole and is within 6" from the pole.



Step 8: Remove the grab hook from the center step and wrap the chain around the pole at approximately 8' above the ground (or as high as you can reach).

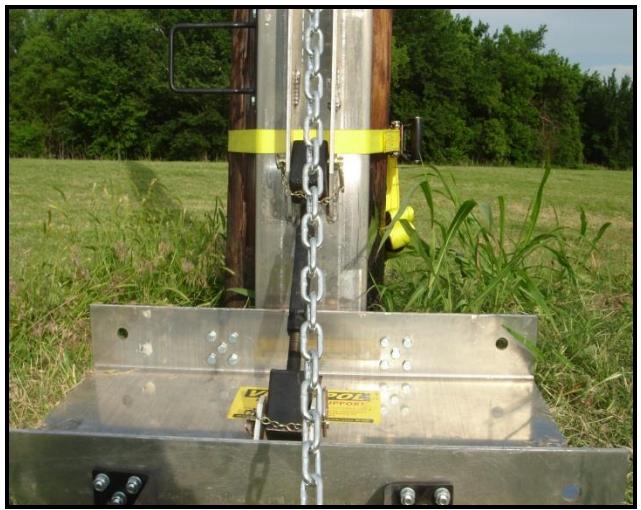
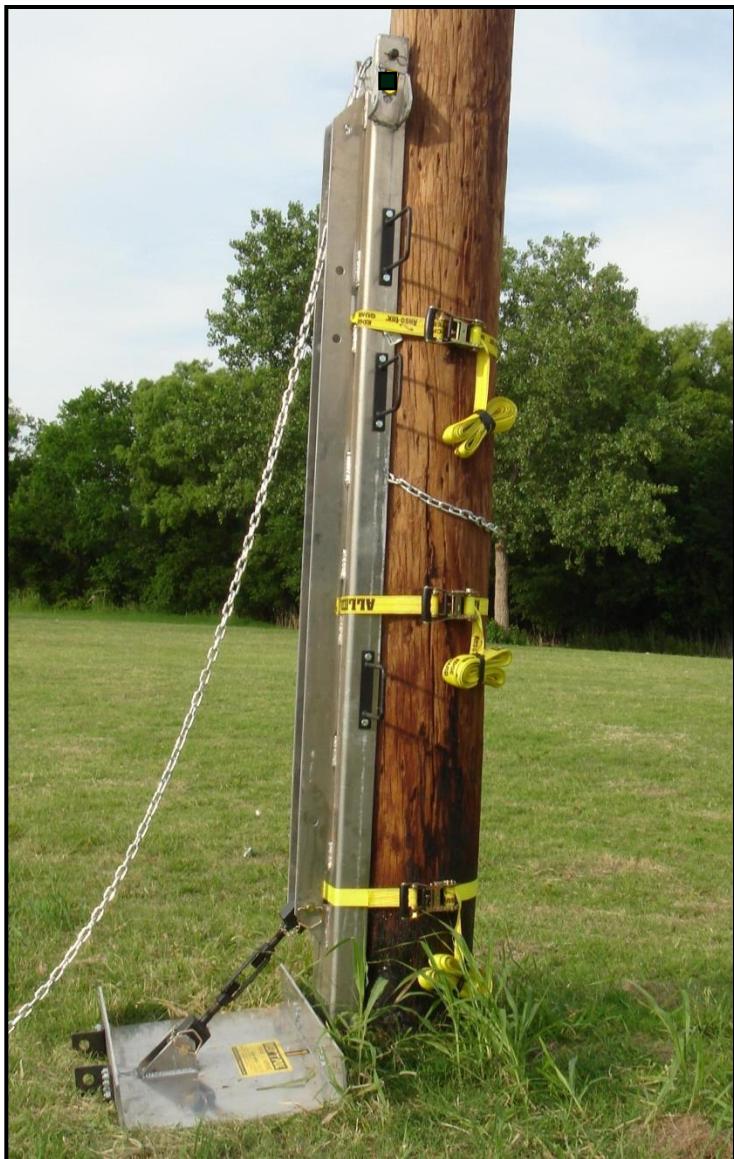
Wrap chain tightly around the pole and slip the chain link into the grab hook to lock the chain in place.

Ensure the chain is wrapped around the pole and lays over the top of the pole adaptor on the roller.



Step 9: Align the pole adaptor to the pole. Install the lower binder by inserting the strap through the slot opening and ratcheting it tight. This will pull the VER-T-POL against the pole.

Install the middle and top binders in the same manner.

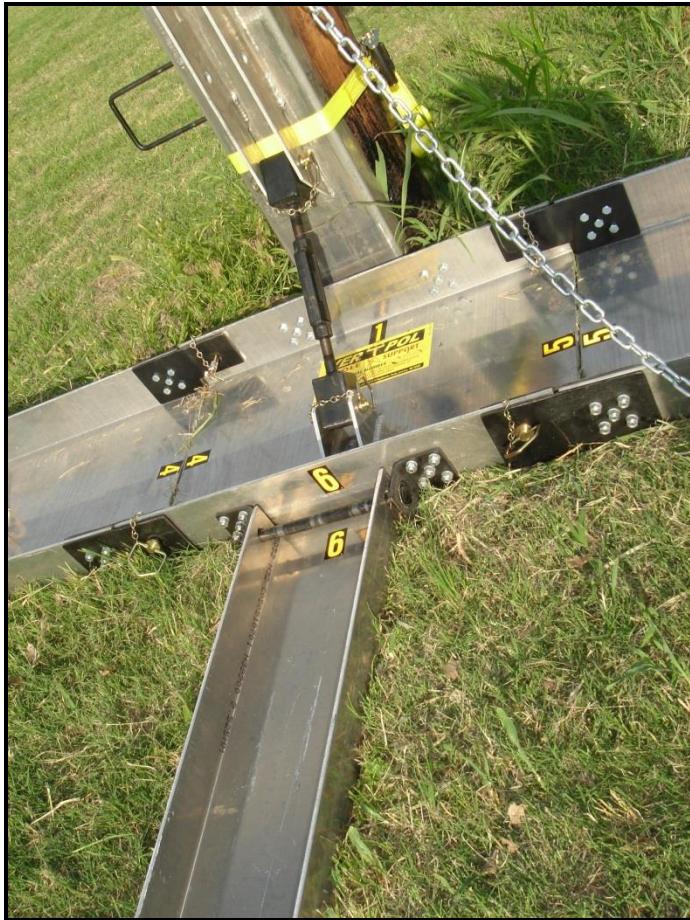


Step 10: Install #4 base plate by matching sticker “4” with sticker “4” on #1 center base plate with the 6” pins.



Step 11: Install #5 base plate by matching sticker “5” with sticker “5” on #1 center base plate with the 6” pins.





Step 12: Install base plate #6 with a 1" x 14" pin to the #1 center base plate. Matching stickers 6" to "6".

Step 13: Install leg brace #7 to the center of the pole adaptor using the 6" pin and to the base plate using the 1" x 14" pin. Matching stickers "7" to "7".

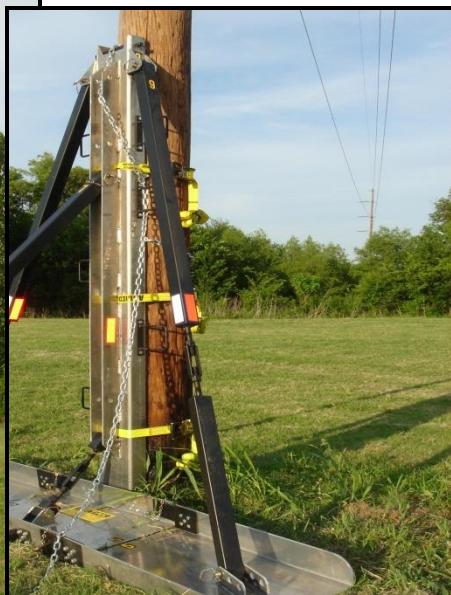
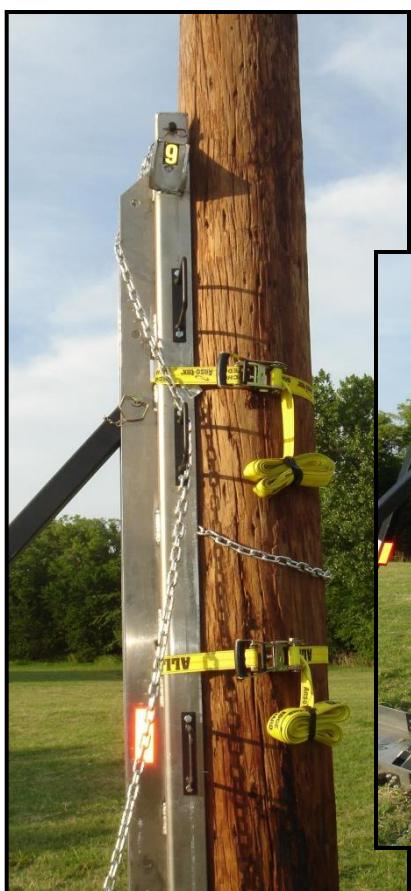
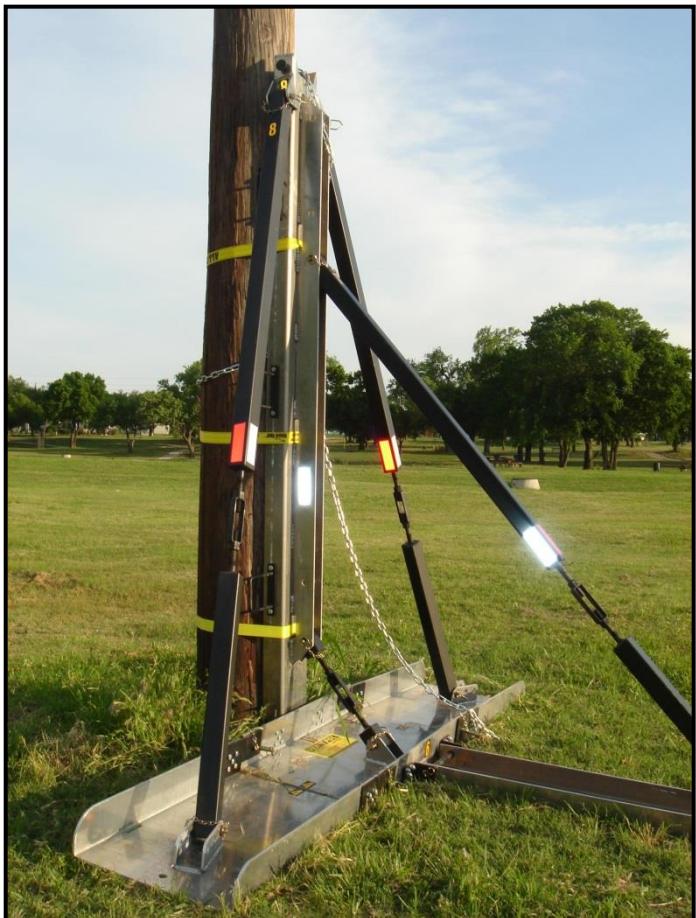
Insert the leg brace in the appropriate holes according the contour of the ground.



Step 14: Install leg brace #8 to the left side of the pole adaptor and to base plate #4 using the 6" pins. Matching stickers "8" to "8".



Insert the leg brace in the appropriate holes according the contour of the ground.



Step 15: Install leg brace #9 to the right side of the pole adaptor and to base plate #5 using the 6" pins.
Matching stickers "9" to "9".

Insert the leg brace in the appropriate holes according the contour of the ground.

Step 16: Adjust the turn buckles on the brace legs to apply slight pressure to the pole adaptor and base plates to ensure the VER-T-POL is ridged and firm.



Step 17: Install the chain by wrapping it around the base of the pole and slipping the chain link into the grab hook so that the chain lays on the outside of brace leg #3.



Step 18: Install anchor:

The ideal installation of the anchor would be to place it within one foot from the edge of base plate #6. However, in some instances an anchor cannot be placed in this area.

At a load of 21 tons, the pressure to the anchor chain is approximately 200 pounds. At an average load for a 45 to 50 foot pole, the pressure to the anchor chain is approximately 50 pounds.

If an anchor cannot be installed in the appropriate manner, the chain can be attached to a tree or fence post to provide the anchoring attachment point.

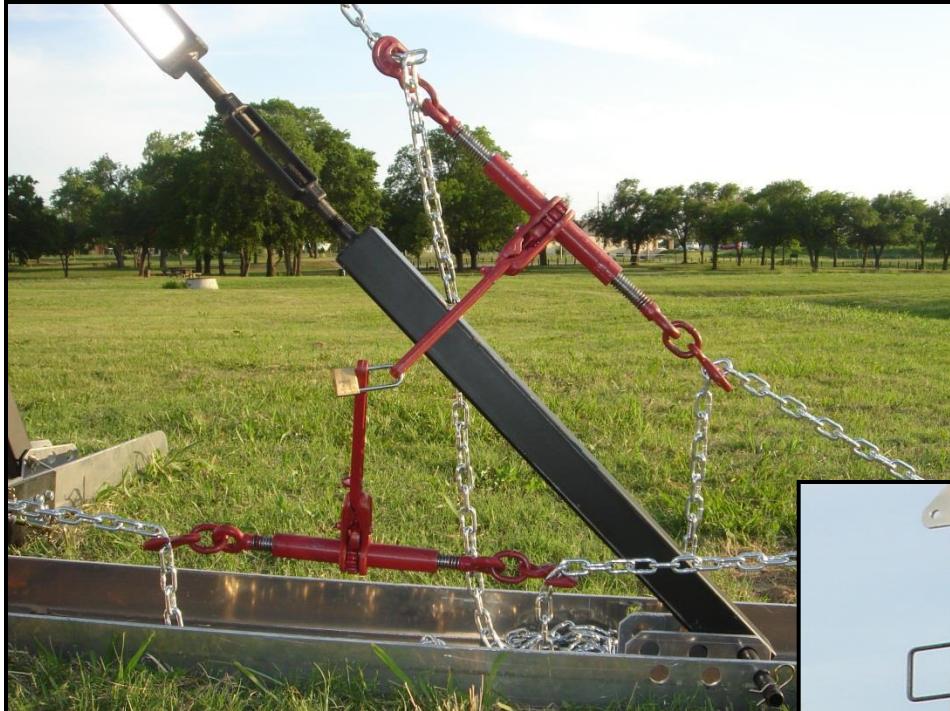
If the VER-T-POL is in a roadway or on concrete, the base plates can be anchored using anchor bolts, then the chain would be attached to the 1" x 14" pin at the base of brace leg #7 and base plate #6.



Step 19: The minimum size anchor to be used with a distribution pole is a 4' rod with a 4" helix to be set in the ground at a minimum of 3' 6" or **install the SAF-T-ANCHOR Anchor (STAD442N-H-3/4) provided with the kit using an impact wrench.**

Attach both chains to the anchor by placing the slip hooks into the anchor rod eyelet.

Step 20: Attach the chain ratchet binders to the chains to remove the slack from of the chains. Place the ratchet binders in close proximity to each other to be able to lock the handles together with a pad lock for security and safety purposes.



Step 21: For extra security and safety of the unit, a wire rope sling can be placed through the handles of the binder straps and the steps of the VER-T-POL and locked at both ends to prevent tampering or vandalism.

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