

Aermotor Style Windmill Stub Tower Assembly Guide

Step 1. Lay two angle iron on a flat table or workbench in the shape of a "V" with the top edges interlocked.

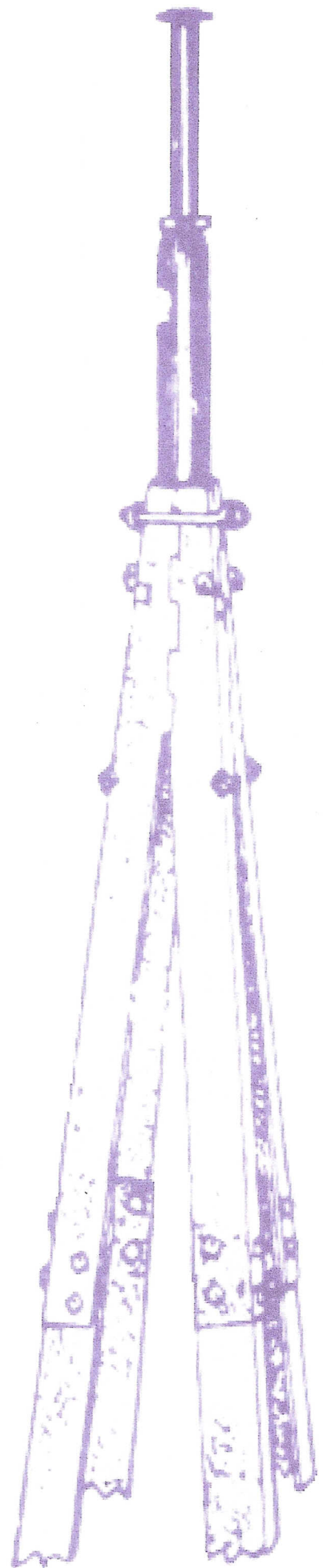
Step 2. Place the mast pipe w/ base on to the two legs. Align the mast base holes with the corner holes of the stub tower legs.

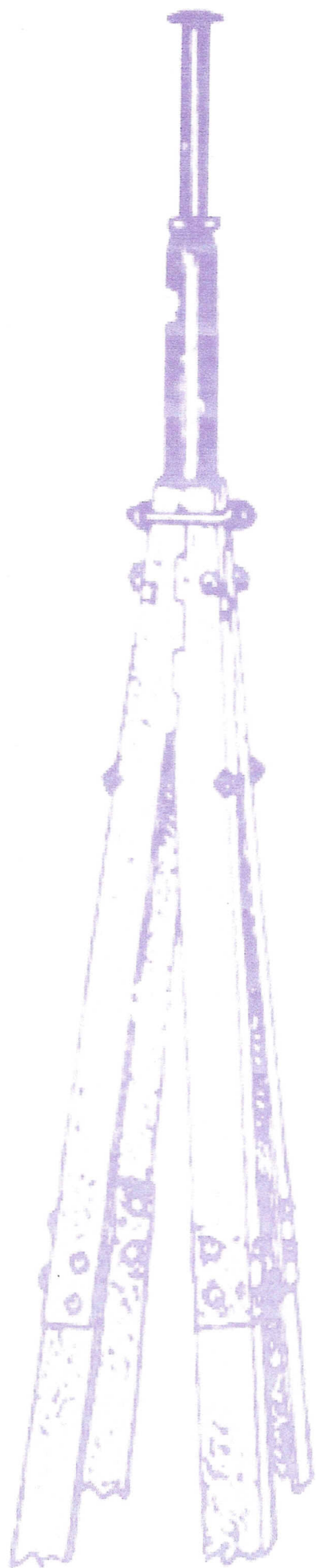
Step 3. Attach the base to the two legs using the short bolts supplied. The bolts should be inserted through the mast base with the nut on the outside of the stub tower leg. Only finger tighten at this time.

Step 4. Repeat Steps 1 thru 3 so that all four stub tower legs are now bolted to the mast base.

Step 5. Now attach the collar bolt around the top of the 4 stub legs. Make sure the collar rests in the corner notches near the top of the stub. Tighten the collar bolt nuts evenly. You may use a hammer to tap the collar into place to insure it makes a tight square.

Step 6. Add the long bolts to the stub tower threading them through the oval shaped holes. Note that these long bolts should be inserted at a slight angle, from the bottom edge of an oval hole to the top edge of the receiving oval hole. This will allow all four long bolts to be used. Once all four long bolts w/ nuts are in place tighten them securely and evenly.

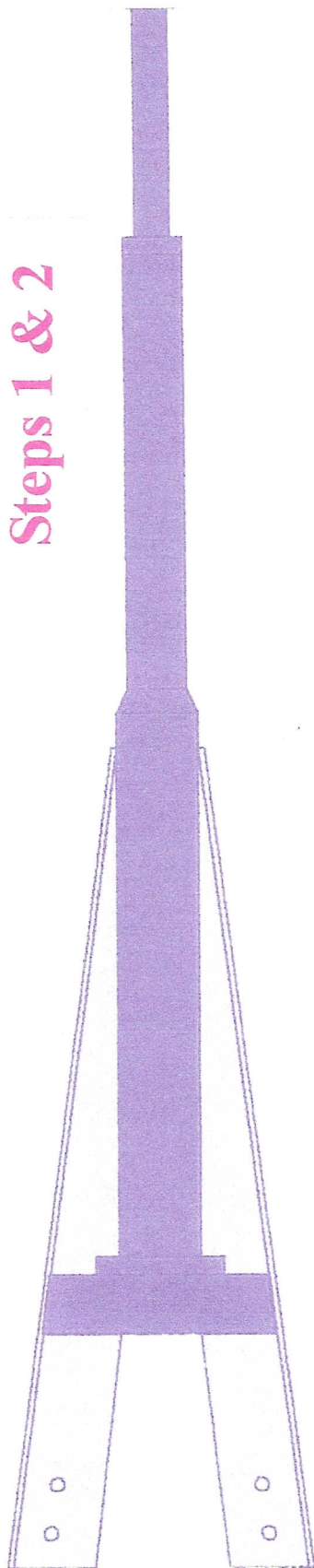




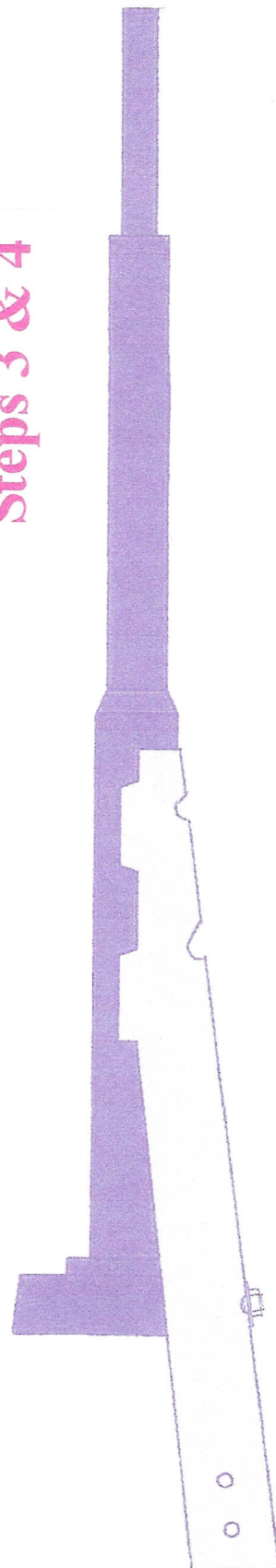
Step 7. To mount the lower furl w/ lever, part 609, remove the two nuts from the mast base anchor bolts on the top side of your partially assembled stub tower. Add the lower furl w/lever, part 609, by inserting the mast pipe through the furl collar with the lever arms pointed towards the bottom of the stub. Align the lever arm angle iron anchors, as shown, on the corners of the stub tower legs with the mast base anchor bolts. Replace the nuts on the mast base bolts. Tighten the nuts securely. Roll the stub tower over and tighten the other two mast base anchor bolts securely.

Step 8. Stand the stub to upright. Revisit all nuts to insure they are tight. Check the furl lever for smooth operation when the lever is pulled downward and pushed upward. In the event your long bolts are in the path of the furl lever's operation you may need to trim their length. Once proper operation is achieved your stub tower is ready to mount.

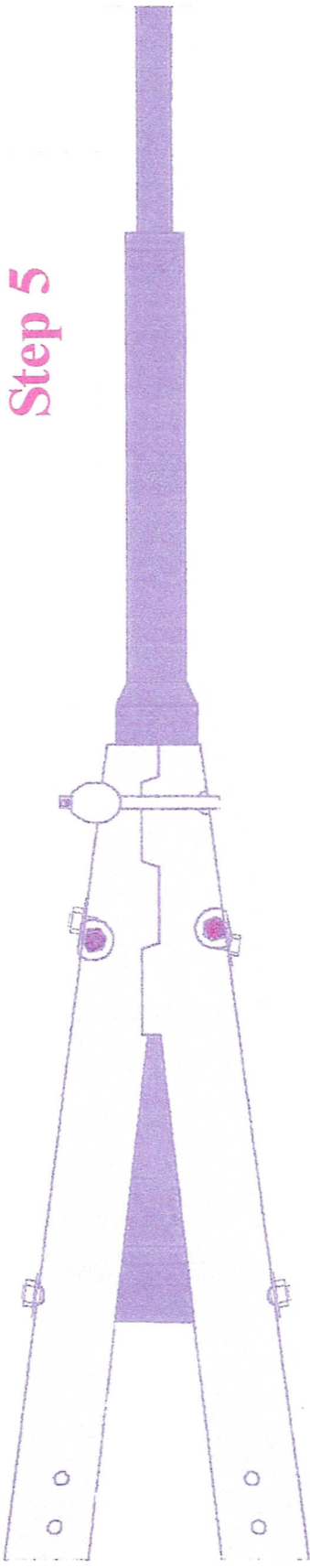
Steps 1 & 2



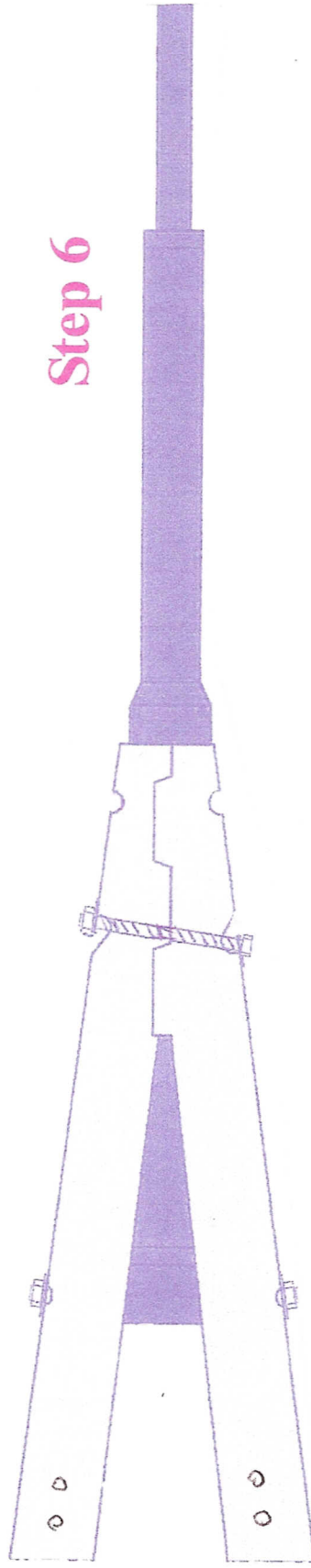
Steps 3 & 4



Step 5



Step 6



Steps 7&8

