

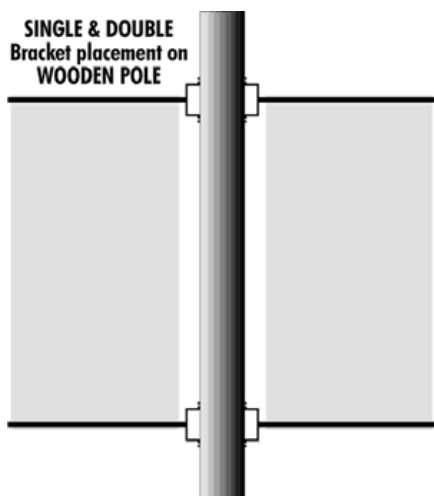
## Installing Banner Man Brackets on Wooden Poles

**Tools Required:** Impact wrench, scissors or snips, something for marking bolt hole centers

**Hardware Required:** 5/16" x 3" head head plated lag bolts, 5/16" flat washers

Slip a 5/16" washer over a 5/16" lag bolt.

Position the baseplate of the top arm assembly against the pole so that one bolt hole is at 12 o'clock and one is at 6 o'clock.



Position the point of the lag bolt inside the 12 o'clock bolt hole and drive it in with the impact wrench. Repeat for the 6 o'clock bolt hole.

Slip the banner onto the top arm assembly, then loop the cable tie around the baseplate and through the grommet on the banner pocket seam. The banner should be about 1" from the baseplate. Cinch up the cable tie and snip off the excess.

Slip the bottom arm assembly through the bottom banner pocket.

Slip a 5/16" washer over another 5/16" lag bolt. Get a marker ready.

Position the baseplate of the bottom arm assembly against the pole so that one bolt hole is again at 12 o'clock and one is at 6 o'clock. The weight of the arm assembly is enough to stretch the banner adequately. Hold the baseplate in position and mark the center of the 12 o'clock hole position.

Rotate the baseplate 90 degrees but keep the 12 o'clock hole directly over the center mark. This relaxes the banner and keeps it out of the way of the impact wrench.

Position the point of the lag bolt inside the 12 o'clock bolt hole and drive it in with the impact wrench. Don't over tighten.

Rotate the baseplate again so that the bottom bolt hole is in the 6 o'clock position. Position the point of the lag bolt inside the 6 o'clock bolt hole and drive it in with the impact wrench.

Again, loop the cable tie around the baseplate and through the grommet on the banner pocket seam. Adjust the banner to be about 1" from the baseplate. Cinch up the cable tie and snip off the excess.

The banners should be essentially flat if installed correctly. The baseplates will tolerate a little bending if needed to make up for uneven wooden pole surfaces.