## Installing Standard Banner Man Brackets on Walls

*Tools Required:* Hammer drill, 1/2" socket wrench, scissors or snips, marker for bolt hole centers *Hardware Required:* 5/16 x 3 penetrating hardware such as Rawl anchors, split lock washers

Mark, then hammer drill the top mounting hole for use with anchor sleeve. Install the anchor.

Slip a 5/16 washer over a 5/16 bolt. (washer is usually provided with each Rawl anchor)

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

Position the 5/16 bolt inside the 12 o'clock bolt hole and drive it in with a socket wrench. Do not over tighten.

Mark the center of the 6 o'clock hole. Rotate the baseplate out of the way of drilling, slightly tighten the 12 o'clock bolt to hold it out of the way. Hammer drill the bottom hole and install the anchor, then the bolt. Tighten top and bottom.

Slip the banner onto the top arm assembly and thread the cable tie on the baseplate 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 bolt. Get the marker ready.

Position the baseplate of the bottom arm assembly against the wall 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. Swing the banner out of the way or hang it across the top arm assembly while drilling.

Hammer drill the 12 o'clock hole and install the anchor. Put the baseplate 12 o'clock bolt hole back into position and install the bolt. Don't <u>over</u> tighten.

Rotate the baseplate back again so that the bottom bolt hole is in the 6 o'clock position. Mark the 6 o'clock bolt hole position. Rotate the baseplate out of the way of drilling, slightly tighten the 12 o'clock bolt to hold it out of the way, then hammer drill the 6 o'clock hole and install the anchor. Loosen the 12 o'clock bolt, rotate so bottom hole is in 6 o'clock position, insert bolt and tighten top and bottom.

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