

Kit 300-C Series Installation Instructions for Wood Posts with Composite Sleeves

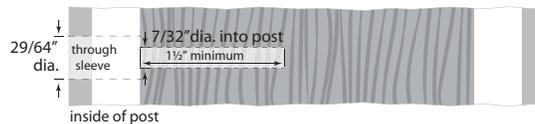
A: Drill Posts

Hole sizes through intermediate posts and/or cable braces are:
5/32" for 1/8" cable ; 7/32" for 3/16" cable

For Tensioning Terminal end posts:
Drill 7/32" hole 1-1/2" deep into
the face of the end posts.



For Swageless Terminal end posts:
Drill 29/64" hole through the sleeve
to the core post, and 7/32" hole
1-1/2" deep into the core post.



B. Install Tensioning Terminal

1. Install the Adjust-A-Body[®] with Hanger Bolt by driving the hanger bolt / lag end into the pre-drilled hole in your end post using a 5/32" hex wrench in the hex-broached end of the hanger bolt (if applicable) or a 1/4" wrench on the wrench flat between the machine threads and the wood lag (if no broach). (Figure 1)

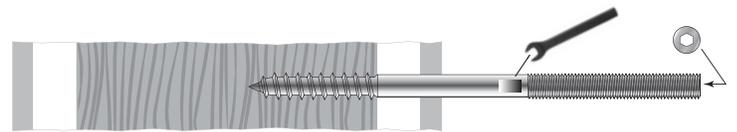


Figure 1

2. Screw the lock nut all the way onto the 2"-long threaded end of the bolt. (Figure 2)

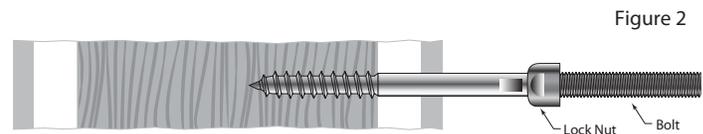


Figure 2

Note: turn counter-clockwise to tighten/tension/close.

3. Slide the body of the Adjust-a-Body[®] with Extended Length Hanger Bolt Tensioner onto the bare end of the cable, threaded end first, and pull it the length of the cable until it is stopped by the ferrule already swaged onto the cable. (Figure 3)

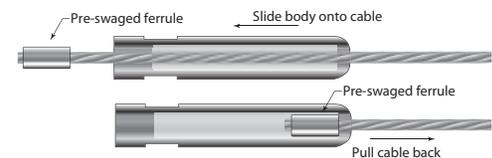


Figure 3

4. Turn the body (with the cable attached) onto the Hanger Bolt about halfway onto the male threads. This may vary slightly depending on length of cable kit. (Figure 4)

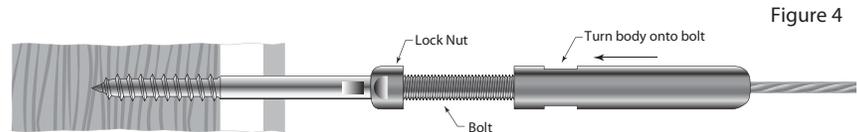
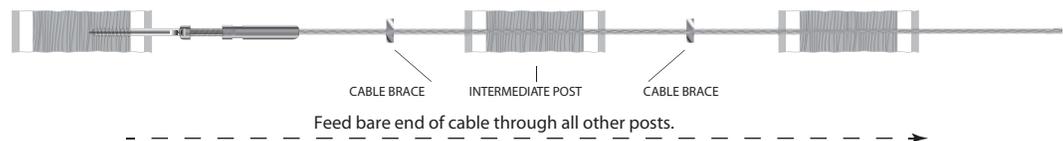


Figure 4

C. Feed Cable Through Intermediate Posts

1. Feed the bare end of the cable through all your intermediate posts and to the end post where you will be installing the Push-Lock[®] fitting.

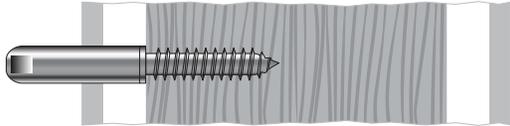


D. Cable through Corner Posts

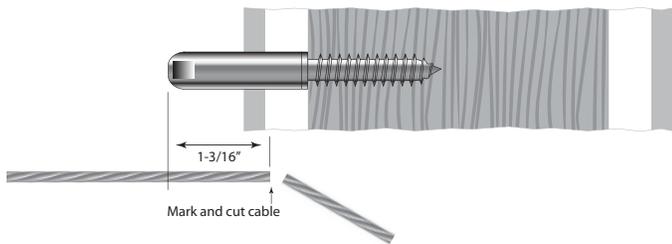
As composite sleeves can be somewhat fragile, it is recommended to stop and start at corners. Do not allow a cable to exit a post on an angle; it can damage the sleeve.

E. Install Swageless Terminal

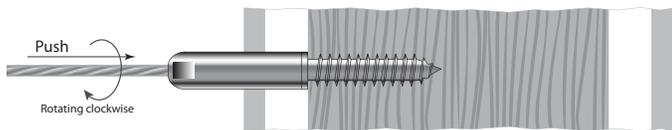
1. Place lag thread into hole and drive lag thread into wood post using 3/8" open-end wrench on wrench flats milled into body of fitting. Stop turning when shoulder on fitting between lag thread and body makes contact with wood post.



2. Pull the cable tightly along the side of the fitting and mark the cable at the end of the fitting. Cut the cable 1-3/16" beyond that mark.



3. At opposite end post with tensioning terminal, detach the body from the Hanger Bolt to allow cable slack so you can perform the next step.
4. Back at post with swageless terminal, push the cable into the hole in the fitting as far as it will go (approximately 1-1/16"). Twist the cable in a clockwise direction as you push it into the fitting.



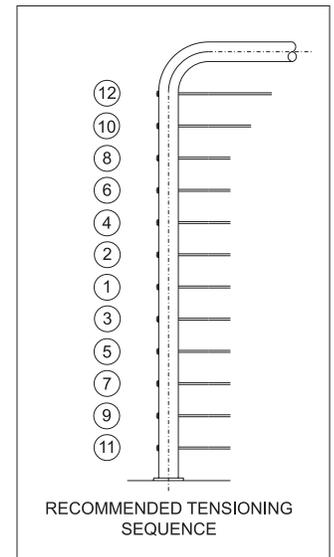
Note: If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" — For Push-Lock fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely.

5. Return to the post with tensioning terminal and hand turn the body back onto the Hanger Bolt as far as possible.

F. Tension Cables

1. Tension the cable by turning the Adjust-A-Body® with a 7/16" open-end wrench. Ensure that the cable is held in place so it does not rotate with the fitting. (Cable gripping pliers are recommended). Be careful to protect the cable from damage while tensioning the Adjust-A-Body®. At Minimum, leave 3-4 threads showing to allow for future tensioning.

2. Tension all cables to desired amount in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence.



3. While holding the body still with a 7/16" open-end wrench, turn the lock nut against the body and tighten with a wrench.

