

Kit 300-C Series Installation Instructions for Wood Posts with Composite Sleeves with an Outside Diameter Greater than 4-1/2"

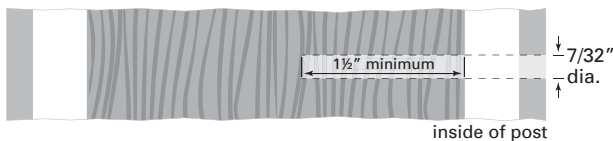
A: Drill Posts

Hole sizes through intermediate posts
and/or cable braces are:

- 5/32" for 1/8" cable
- 7/32" for 3/16" cable

End posts:

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



B. Install Tensioning Terminal

1. Install the the Adjust-A-Body® with Extended Length Hanger Bolt by driving the hanger bolt / lag end into the pre-drilled pilot hole in your end post using a 1/4" open-end wrench. (Figure 1)
2. Screw the lock nut all the way onto the 2"-long threaded end of the bolt. (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)
4. Thread the body (with the cable attached) onto the Hanger Bolt and turn 8 turns onto the male threads. (Figure 4)

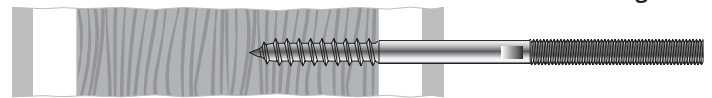


Figure 1

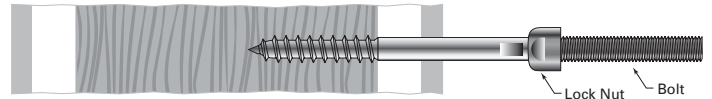


Figure 2

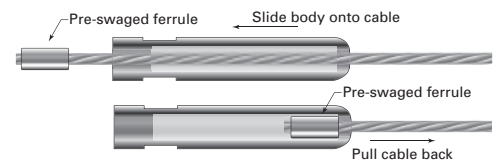


Figure 3

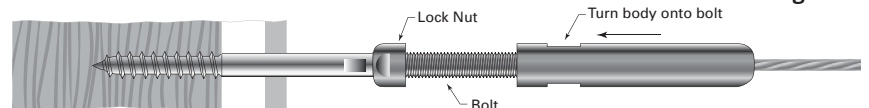
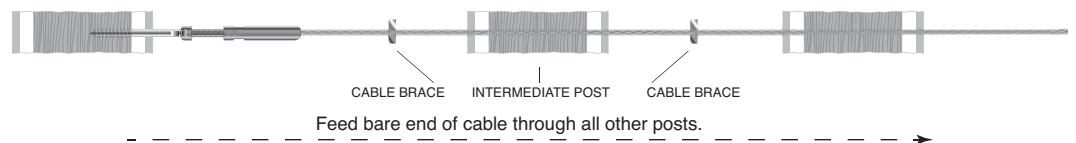


Figure 4

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. Feed/Crimp 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. Use a 3/16" hex wrench to drive the lag section of the fitting into your pre-drilled pilot hole.

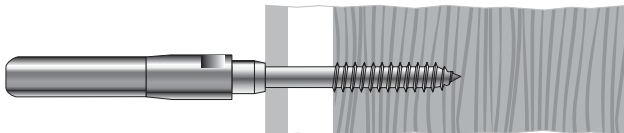


2. Thread the Push-Lock® coupler onto the lag and tighten with 7/16" wrench.

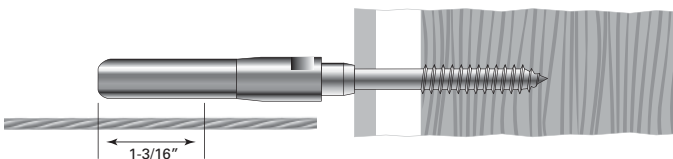


Note: If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" — For Pull-Lock® or Push-Lock® fittings for 1/8" cable, using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock® or Push-Lock®, except use a 16d nail or another tool with 1/8" or smaller diameter. Anything larger than what is recommended can actually get stuck inside the fitting – NOT what you want!

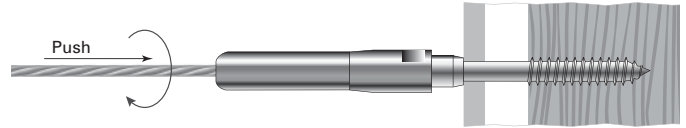
3. Depending on the depth of the composite sleeve, the Push-Lock® coupler may not be able to sit flush to the post.



4. Pull the cable tightly along the side of the fitting and mark the cable 1-3/16" from the end of the fitting opposite the post. Mark and cut the cable on your mark.



5. 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.
6. 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.

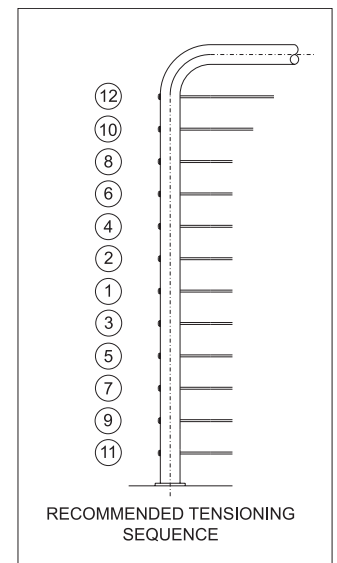


7. Return to the post with tensioning terminal and hand turn the body back onto the Hanger Bolt as far as possible.

F. Tension Cables

1. Tension the cable by holding it to prevent the cable from turning while you turn the Adjust-A-Body® with a 7/16" open-end wrench. Be careful to protect the cable from damage while tensioning the Adjust-A-Body®.

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.

