

# WiseCable™ Legacy Series for Level Runs Installation Instructions for Wood Posts (4x4 Min.)

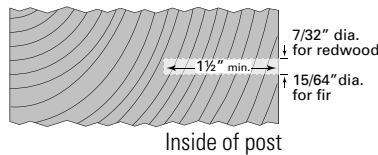
### A: Drill Posts

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

5/32" for 1/8" cable

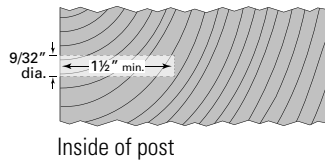
#### End post for Adjust-a-Body with Hanger Bolt:

Drill a minimum of 1-1/2" into face of end post, with a diameter of 7/32" for hardwood, 15/64" for fir.

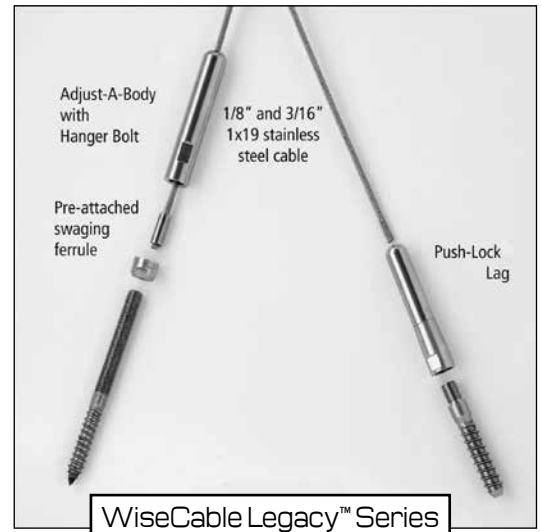


#### End post for swageless Push-Lock Lag:

Drill a 9/32" dia. hole a minimum of 1-1/2" into face of other end post.

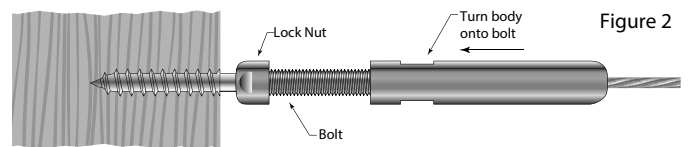
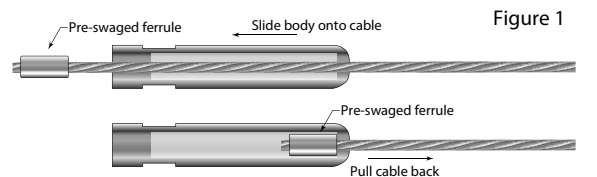
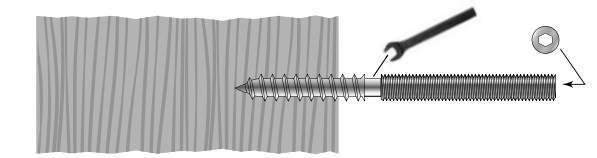


For hardwoods a slightly larger drill bit may be needed.



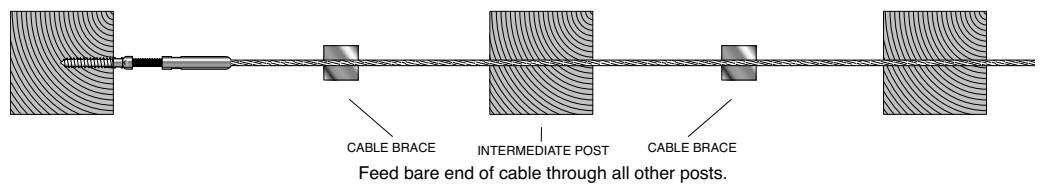
### B. Install Tensioning Terminal

1. Install the Adjust-A-Body with Hanger Bolt by driving the hanger bolt / lag end into the pre-drilled pilot hole in your end post using a 5/32" hex wrench in the hex-broached end of the hanger bolt or a 1/4" wrench on the wrench flat between the machine threads and the wood lag.
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 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.
4. Thread the body (with the cable attached) onto the hanger bolt and turn 8 turns onto the male threads.



### 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.



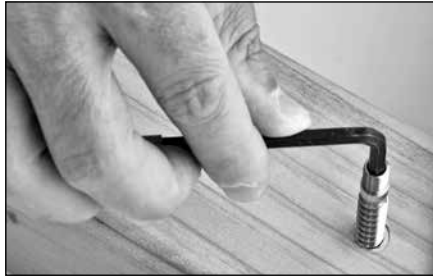
Cable brace intermediate posts are recommended for when posts are farther than 40" apart.

### D. Feed/Crimp Cable through Corner Posts

Instructions for going through wood post corners are available on our website at [www.deckwise.com/wiserail/wood-corner-instructions.pdf](http://www.deckwise.com/wiserail/wood-corner-instructions.pdf)

### E. Install Swageless Terminal

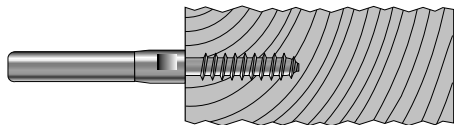
1. Use a hex wrench to drive the lag section of the fitting into your pre-drilled pilot hole.



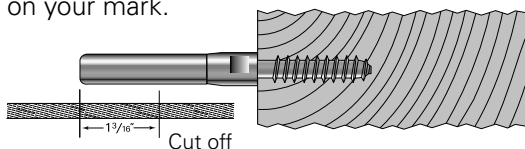
2. Thread the Push-Lock coupler onto the lag and tighten with 7/16" wrench.



3. Tighten down until the shoulder of the Push-Lock lag is flush against the post.



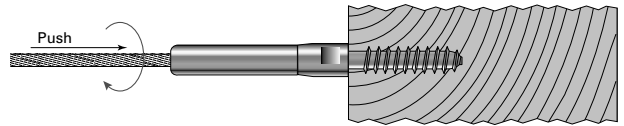
4. Pull the cable tightly along the side of the fitting and mark the cable 1-3/16" from the end of the fitting opposite the post. Mark and cut the cable on your mark.



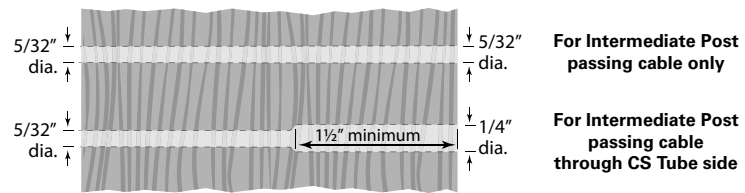
5. At post with tensioning terminal, detach the body from the Hanger Bolt to allow cable slack so you can perform the next step.

**NOTE: The locking wedges may become stuck during shipping. They must be freed up before inserting the cable. This is not a defect! Using either a PL-KEY or 1/4" diameter bolt, insert the PL-KEY or bolt into the fitting hole and press until the wedges move freely. Do not use anything larger, they could actually get stuck inside the fitting – NOT what you want to happen!**

6. 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 right hand direction as you push it into the fitting.



7. At post with tensioning terminal, hand turn the body back onto the Hanger Bolt as far as possible.

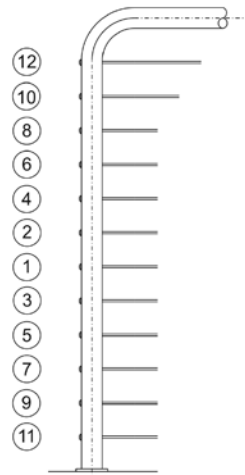


### F. Tension Cables

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 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 one of the 7/16" open-end wrenches, turn the lock nut against the body and tighten with the other open-end wrench. Any remaining visible thread may be needed for future tightening.



RECOMMENDED TENSIONING SEQUENCE

