

# Kit 224 Series Installation Instructions for 2 3/8" Metal Posts and 4x4 Wood Posts

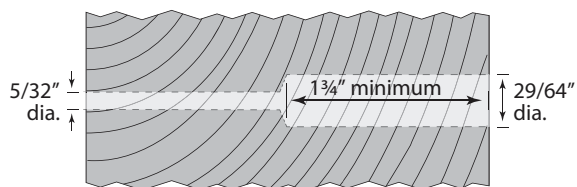


Hole size for 1/8" cable installation for wood:

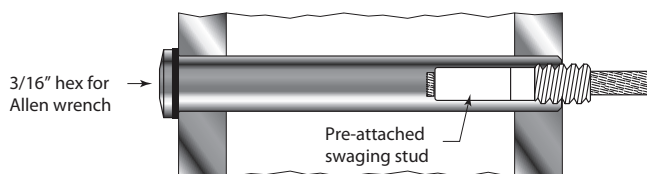
Drill 5/32" hole clear through intermediate posts and pilot hole through end posts.

Drill 29/64" hole 2-1/2" deep through Receiver end post.

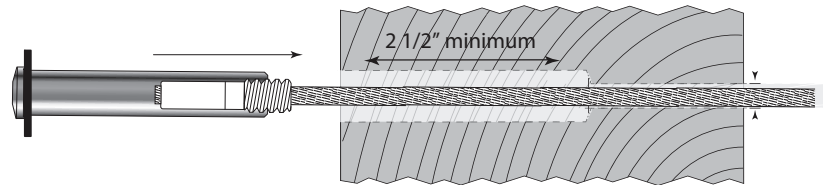
Drill 29/64" hole 1-3/4" deep from the outside of the Pull-Lock non-tensioning end post.



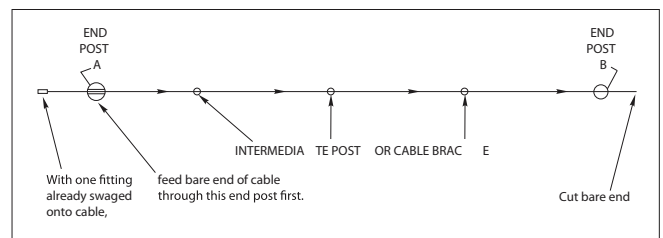
1. Install the tensioning end first with the 2 3/8" long Receiver.
2. Slip the Delrin (metal) / Flat (wood) washer over the body of the Receiver and insert the Receiver into the post.
- 3a. For Metal: start the threaded stud attached to the cable into the Receiver and turn 3 complete turns. This will thread about 1/2 of the stud into the Receiver.



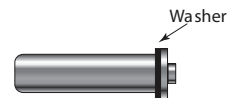
- 3b. For Wood: Start the threaded stud attached to the cable into the Receiver and turn 3 complete turns. This will thread about 1/2 of the stud into the Receiver. Then pull cable through the post until the Receiver is in place.



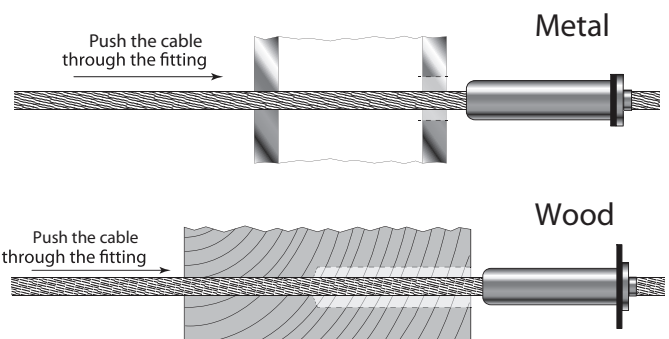
4. Run the bare end of the cable through all your intermediate posts and through the end post where you will be installing the Pull-Lock fitting.



5. Slip the Delrin (metal) or Flat (wood) washer over the body of the Pull-Lock fitting.

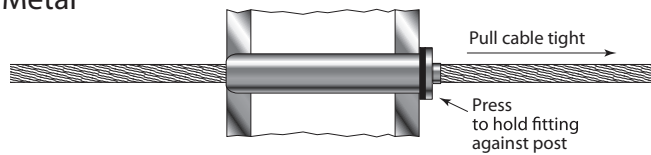


6. Push the cable into the hole in the front of the Pull-Lock fitting and pull the cable through. Twist the cable in the right hand direction as you push it into the fitting.

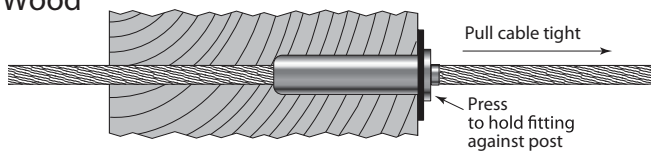


7. Push the Pull-Lock fitting along the cable and firmly into the hole in your post. Push it in as tightly as you can with your hand while pulling the cable through as tightly as you can.

**Metal**

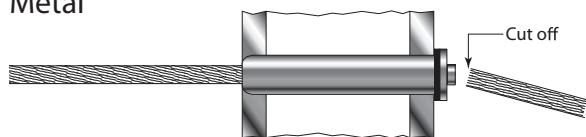


**Wood**

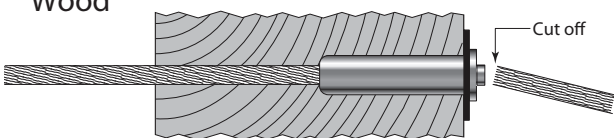


8. Cut the cable flush with the hole in the back of the fitting using a cut-off wheel.

**Metal**

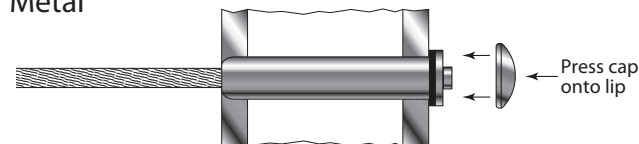


**Wood**

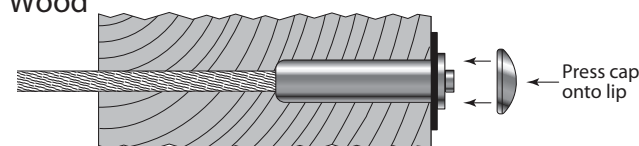


9. Press the cap onto the lip of the Pull-Lock fitting.

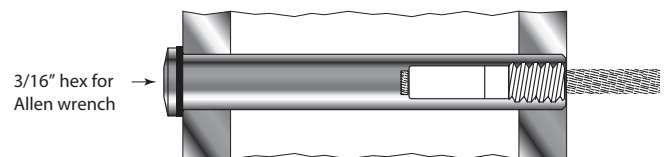
**Metal**



**Wood**

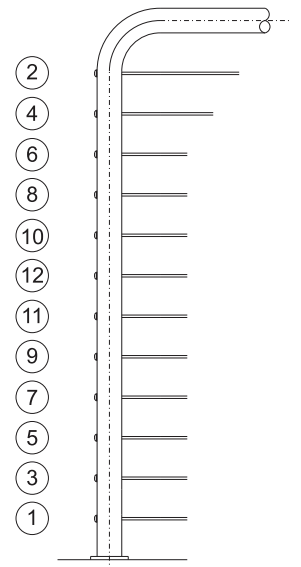


10. Go to the other end and tension the cable by holding the cable securely to prevent it from turning while you turn the Receiver with an Allen hex wrench. Be careful to protect the cable from damage while tensioning.



The swaging stud will be pulled into the Receiver by the tensioning.

11. Tension in sequence, beginning with the outside cables and moving back and forth toward the center.



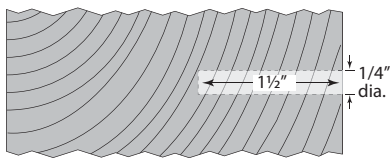
RECOMMENDED TENSIONING SEQUENCE

# Kit 300 Series Installation Instructions for 4x4 Wood Posts

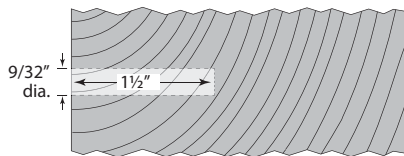
Hole size for 1/8" dia. cable installation:  
Drill 5/32" hole clear through intermediate posts.

Hole size for 3/16" dia. cable installation:  
Drill 7/32" hole clear through intermediate posts.

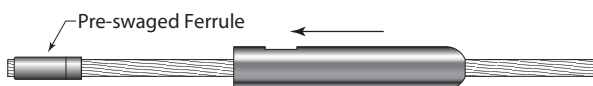
For both 1/8" and 3/16" dia. cable:  
Drill 1/4" hole 1-1/2" into the inside of the  
Adjust-a-Body end post.



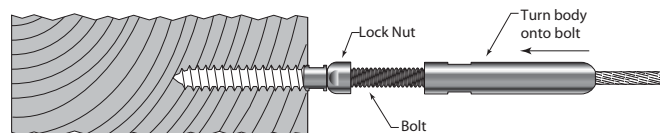
Drill 9/32" hole 1-1/2" into the inside of the  
Push-Lock Lag end post.



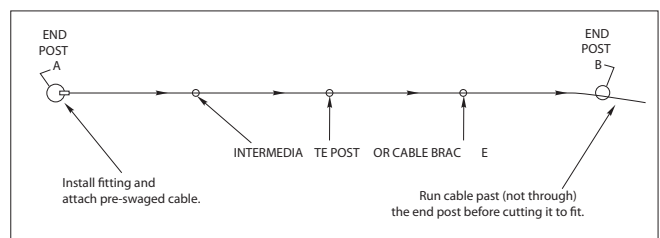
1. Install the tensioning end first with the Adjust-A-Body with Hanger Bolt (A-JB6) by driving the hanger bolt / lag end into the 1/4" pre-drilled pilot hole in your end post using a 1/4" open-end wrench or hanger bolt driver (order separately).
2. Screw the lock nut all the way onto the 2" long threaded end of the bolt.
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 threaded end of the bolt and turn halfway along the threads.



5. Run 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.



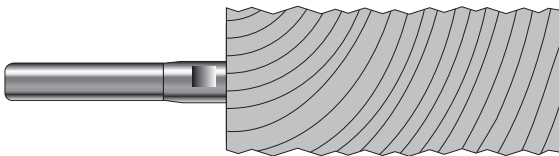
- Use a hex wrench to drive the lag section of the fitting into your pre-drilled pilot hole.



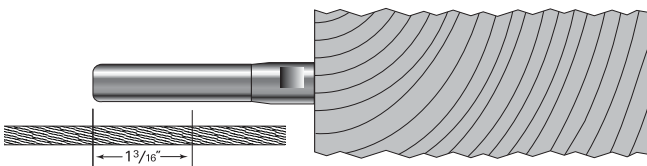
- Thread the Push-Lock coupler onto the lag and tighten with 7/16" wrench.



- Make sure the post side of the Push-Lock lag is flush against the post.

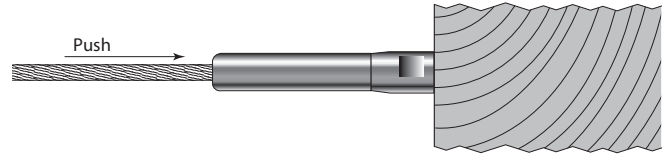


- Pull the cable tightly along the side of the fitting and mark the cable 1-3/16" from the end of the fitting opposite the post. Mark and cut the cable on your mark.



- At Post A, detach the body from the Hanger Bolt to allow cable slack so you can perform the next step.

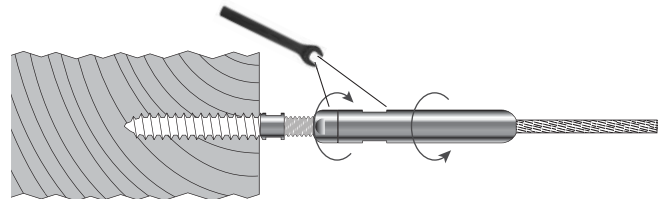
- At Post B, push the cable into the hole in the fitting as far as it will go (approximately 1-1/16"). Twist the cable in a right hand direction as you push it into the fitting.



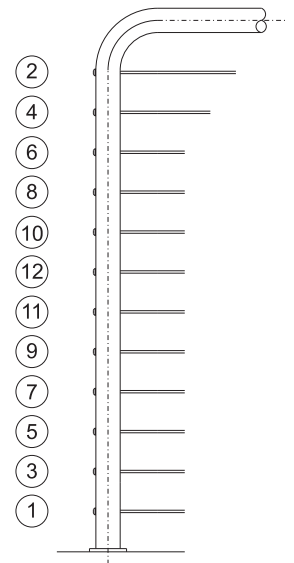
- At Post A, hand turn the body back onto the Hanger Bolt as far as possible.

- Tension the cable by holding it to prevent the cable from turning while you turn the Adjust-A-Body with a 1/4" open-end wrench. Be careful to protect the cable from damage while tensioning the Adjust-A-Body. Any remaining visible thread may be needed for future tightening.

- Turn the lock nut against the body and tighten with open-end wrenches.



- Tension in sequence, beginning with the outside cables and moving back and forth toward the center. Finished cables should be tensioned to have only 1/4" of play when finger-pulled.



RECOMMENDED TENSIONING SEQUENCE

# Kit 601 Series Installation Instructions for 4x4 Wood Posts

Hole size for 1/8" dia. cable installation:

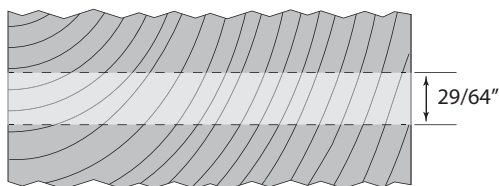
Drill 5/32" hole clear through intermediate posts.

Hole size for 3/16" dia. cable installation:

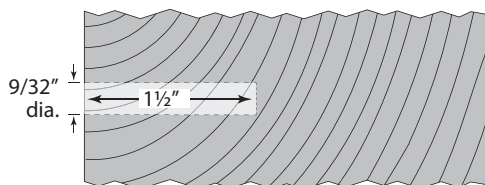
Drill 7/32" hole through intermediate posts.

For both 1/8" and 3/16" dia. cable:

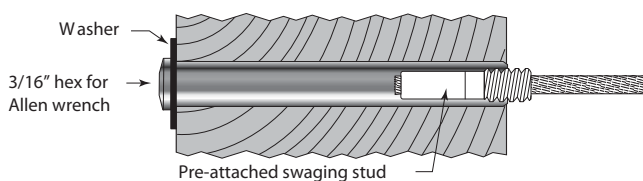
Drill 29/64" hole clear through Receiver  
tensioning end post.



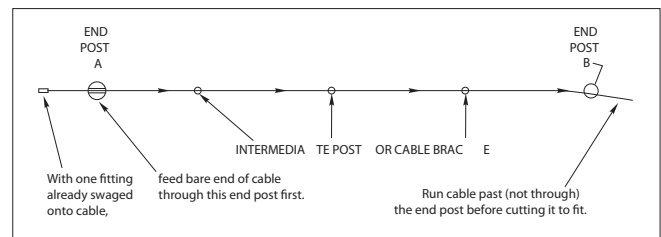
Drill 9/32" hole 1-1/2" into the inside of the  
Push-Lock Lag end post.



1. Install the tensioning end first with the Receiver.
2. Slip the 7/16SAE S/S flat washer over the body of the Receiver and insert the Receiver into the post.
3. Start the threaded stud attached to the cable into the Receiver and turn 3 complete turns. This will thread about 1/2 of the stud into the Receiver.



4. Run 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.



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

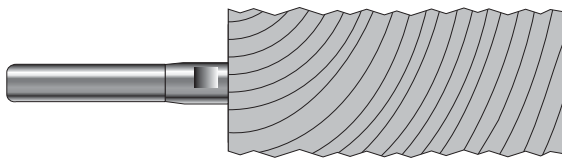




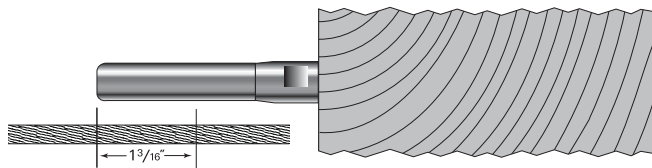
- Thread the Push-Lock coupler onto the post and tighten with 7/16" wrench.



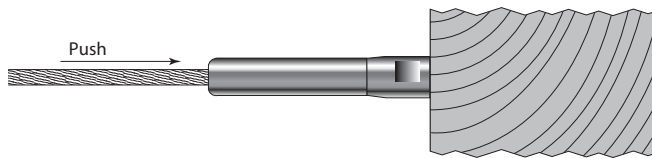
- Make sure the post side of the Push-Lock lag is flush against the post.



- 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.

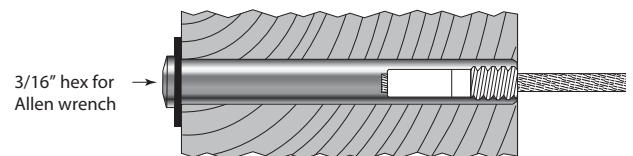
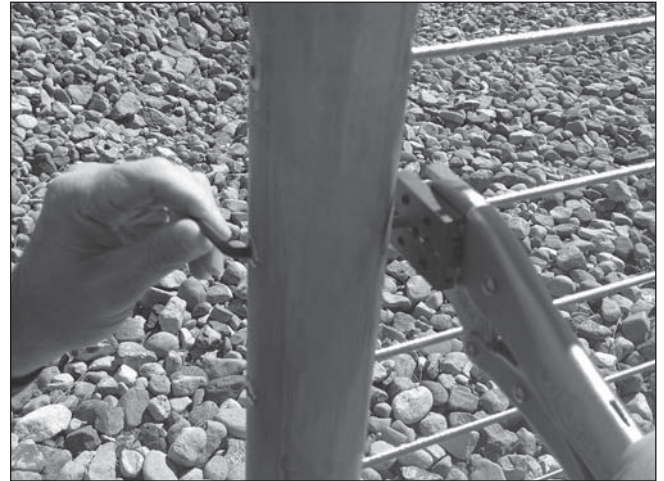


- At Post A, detach the cable from the Receiver to allow cable slack so you can perform the next step.
- At Post B, push the cable into the hole in the fitting as far as it will go (approximately 1-1/16"). Twist the cable in a right hand direction as you push it into the fitting.



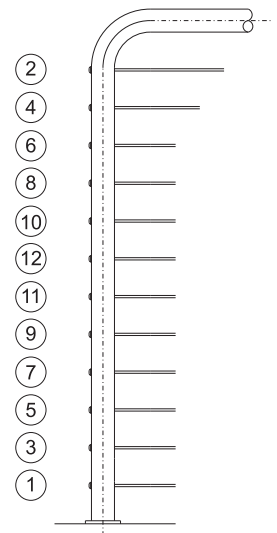
- At Post A, rethread the swaging stud into the Receiver.

- Tension the cable by holding the cable securely to prevent it from turning while you turn the Receiver with an Allen hex wrench. Be careful to protect the cable from damage while tensioning the Receiver.



The swaging stud will be pulled into the Receiver by the tensioning.

- Tension in sequence, beginning with the outside cables and moving back and forth toward the center. Finished cables should be tensioned to have only 1/4" of play when finger-pulled.



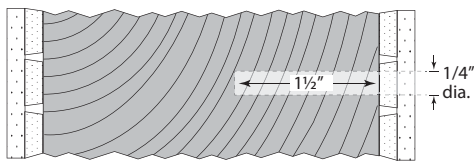
RECOMMENDED TENSIONING SEQUENCE

# Kit 300-C Series Installation Instructions for 4x4 Wood Posts with Composite Sleeves

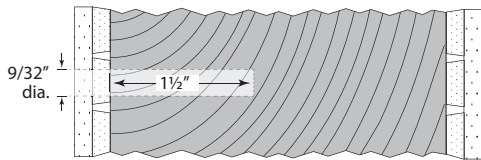
Hole size for 1/8" dia. cable installation:  
Drill 5/32" hole clear through intermediate posts.

Hole size for 3/16" dia. cable installation:  
Drill 7/32" hole clear through intermediate posts.

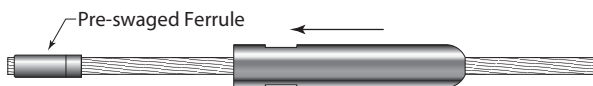
For both 1/8" and 3/16" dia. cable:  
Drill 1/4" hole 1-1/2" into the inside of the  
Adjust-a-Body end post.



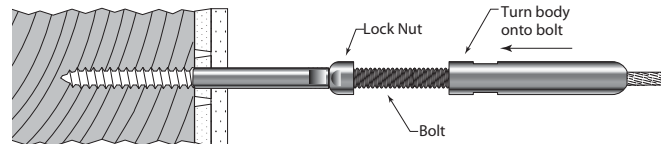
Drill 9/32" hole 1-1/2" into the inside of the  
Push-Lock Lag end post.



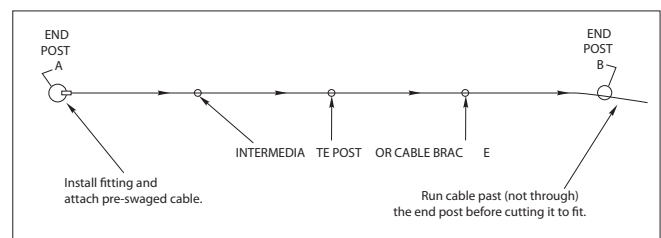
1. Install the tensioning end first with the Adjust-A-Body with Extended Length Hanger Bolt (A-JB6-L) by driving the hanger bolt / lag end into the 1/4" pre-drilled pilot hole in your end post using a 1/4" open-end wrench or hanger bolt driver (order separately).
2. Screw the lock nut all the way onto the 2" long threaded end of the bolt.
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 threaded end of the bolt and turn halfway along the threads.



5. Run 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.



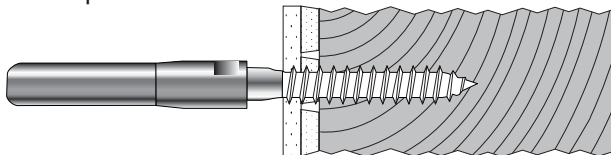
- Use a hex wrench to drive the lag section of the fitting into your pre-drilled pilot hole.



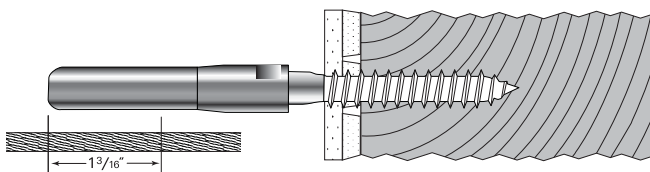
- Thread the Push-Lock coupler onto the lag and tighten with 7/16" wrench.



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

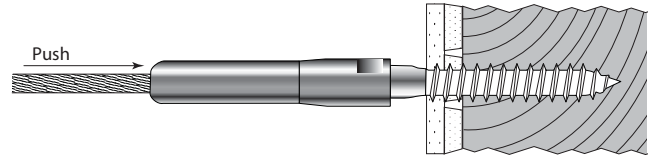


- Pull the cable tightly along the side of the fitting and mark the cable 1-3/16" from the end of the fitting opposite the post. Mark and cut the cable on your mark.



- At Post A, detach the body from the Hanger Bolt to allow cable slack so you can perform the next step.

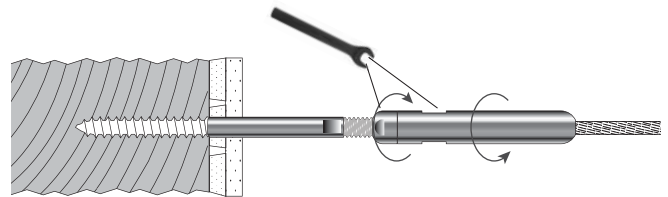
- At Post B, push the cable into the hole in the fitting as far as it will go (approximately 1-1/16"). Twist the cable in a right hand direction as you push it into the fitting.



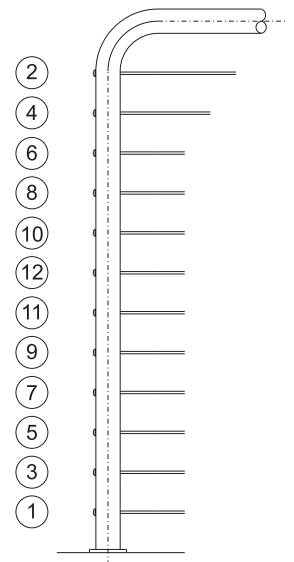
- At Post A, hand turn the body back onto the Hanger Bolt as far as possible.

- Tension the cable by holding it to prevent the cable from turning while you turn the Adjust-A-Body with a 1/4" open-end wrench. Be careful to protect the cable from damage while tensioning the Adjust-A-Body. Any remaining visible thread may be needed for future tightening.

- Turn the lock nut against the body and tighten with open-end wrenches.



- Tension in sequence, beginning with the outside cables and moving back and forth toward the center. Finished cables should be tensioned to have only 1/4" of play when finger-pulled.



RECOMMENDED TENSIONING SEQUENCE

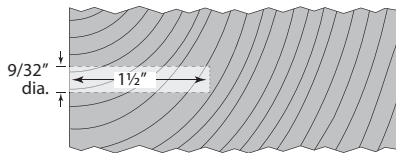


# Kit 500 Series Installation Instructions for Wood or Metal Posts

Hole size for both 1/8" dia. cable and 3/16" dia. cable installation:

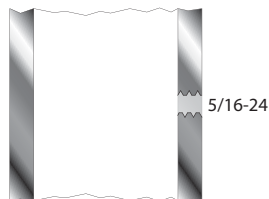
Drill 9/32" hole

1-1/2" into the inside of wood end posts for the LE-6.



OR

Drill and tap 5/16-24 threaded hole into the inside of metal end posts for the TT-6B.



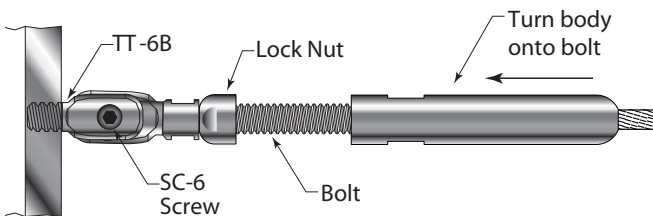
1. Install the attaching hardware: LE-6 for wood end post or TT-6B for metal end posts.



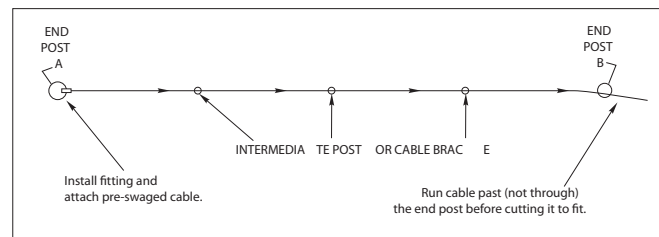
2. Install the tensioning end first with the Adjust-A-Body with Threaded Eye Tensioner (A-JTE6) by attaching the eye to eye with the supplied SC-6 screw.

3. Screw the lock nut all the way onto the 2" long threaded end of the bolt.

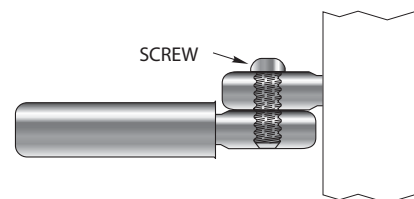
4. Thread the body with the cable attached onto the threaded end of the bolt and turn half way up the threads.



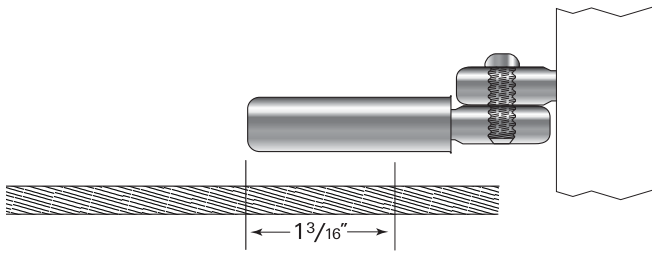
5. Run the bare end of the cable through all your intermediate posts and to the end post where you will be installing the Push-Lock fitting.



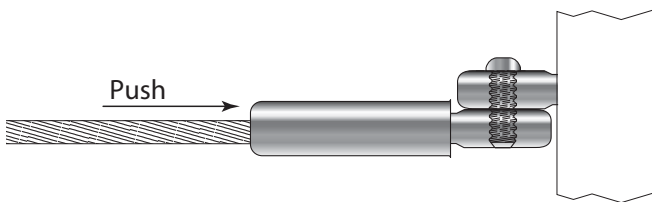
6. Connect the Push-Lock fitting to the threaded part on the post by attaching the eye to eye with the supplied SC-6 screw.



- Pull the cable tightly along the side of the fitting and mark the cable  $1\frac{3}{16}$ " from the end of the fitting opposite the post. Mark and cut the cable on your mark.

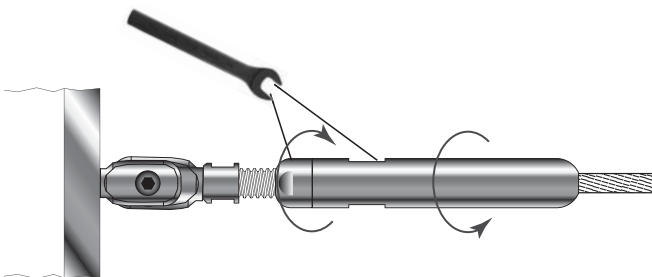


- Push the cable into the hole in the fitting as far as it will go (approximately  $1\frac{1}{16}$ "). Twist the cable in a right hand direction as you push it into the fitting.

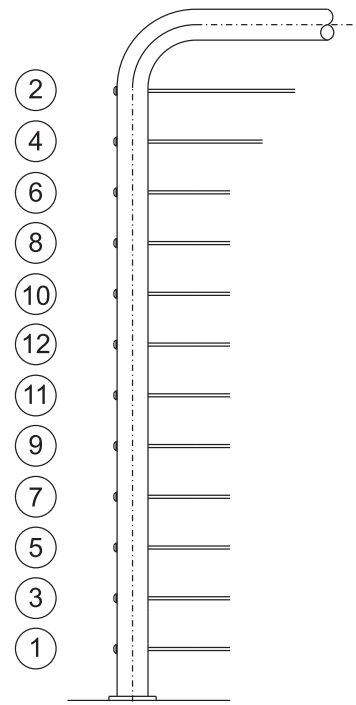


- Go to the other end and tension the cable by holding it to prevent the cable from turning while you turn the Adjust-A-Body with a  $\frac{7}{16}$ " open-end wrench. Be careful to protect the cable from damage while tensioning the Adjust-A-Body.

- Turn the lock nut against the body and tighten with open-end wrenches. Leave about  $\frac{1}{2}$ " of thread exposed when tight for future tensioning if needed.



- Tension in sequence, beginning with the outside cables and moving back and forth toward the center. Finished cables should be tensioned to have only  $\frac{1}{4}$ " of play when finger-pulled.



RECOMMENDED TENSIONING SEQUENCE