

Receiver with Push-Lock stud Installation Instructions

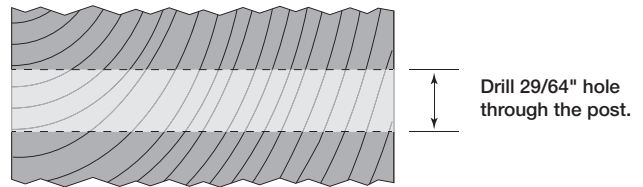


Make sure the holes are drilled properly in the posts where you will be installing your fittings.

If you are installing the fittings in a metal railing, see *Metal Railings/Hardware Mounting Holes/Boring Guide* for boring instructions.

If you are using wood end posts, see "Wood Railings-Mounting Alternatives" section in this guide (pages 10-12) for hole sizes.

For wood posts, drill a 29/64" hole through the post. (It's best to drill a pilot hole through the post with a smaller bit first, then expand the hole to 29/64" from one side about half-way, then drill from the other side to complete the hole.)



Section A. Instructions in this section apply if you are using a Receiver with Push-Lock stud on one end of your cable run and any device OTHER THAN a Pull-Lock fitting on the other end. If you are using a Pull-Lock fitting on the other end, see Section B, page 27.

Step A. Install other fitting on the first end post (Post A below).

1. Install the fitting you will be using in the end post opposite the end in which you will be installing the Receiver with Push-Lock studs first (Post A).



Step B. Install the Receiver with Push-Lock stud on Post B.

1. Run the cable through the intermediate posts (if any) to Post B.

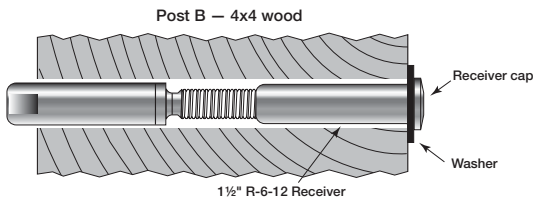


Receiver with Push-Lock stud (continued)

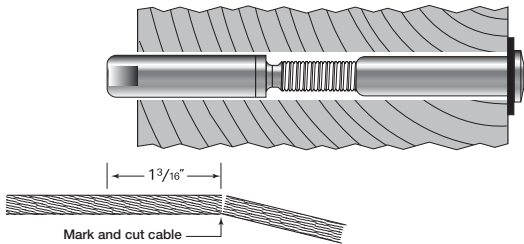
- Turn the Receiver onto the threads of the Push-Lock stud approximately 6 turns.



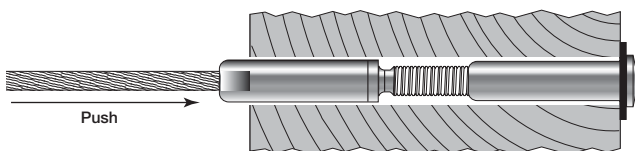
- Slip the washer over the body of the Receiver (7/16SAE washer for wood posts, black Delrin® washer for metal posts), then slide the Receiver with Push-Lock stud into the hole in Post B with the Receiver cap resting against the back side of the post.



- Pull the cable tight and mark the cable at a point 1-3/16" from the leading edge of the Push-Lock stud. Cut the cable at the mark, using a cable cutter.



- At Post A, loosen tensioning fitting to allow cable slack so you can perform the next step.
- Back at Post B, push the cable into the hole in the stud as far as it will go (approximately 1-1/16"). Twist the cable clockwise as you push it into the fitting. You will feel it slide through the jaws inside the stud. (If applicable, you will receive a PL-Key with your order. This may aid in your cable installation. Please see instructions for use of the PL-Key at the end of this section).

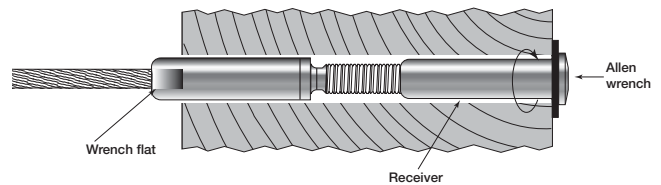


Step C. Tension the cable after all of the fittings have been installed on both end posts.

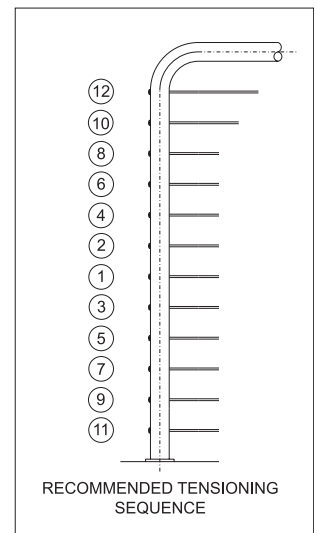
- If there is a tensioning device on Post A, tension both ends. Follow the instructions for tensioning the device on Post A found in this guide and the instructions in No. 2 below for tensioning the Receiver with Push-Lock studs in Post B.

Note: If you are using an Invisiware Receiver on the other end post A, tension the Receiver by turning it onto the threads of the swaging stud at least far enough that none of the threads on the stud are exposed when the cables are tight.

- Tension the cable. Grip the wrench flat on the end of the Push-Lock stud with a 3/8" open-end wrench (to keep the cable from turning), then turn the Receiver with a 3/16" Allen wrench until the cables are tight.



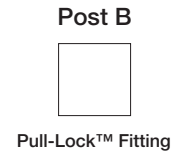
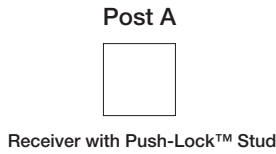
- Tension all cables in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence.



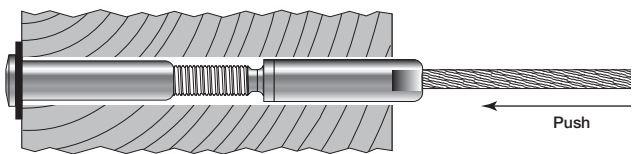
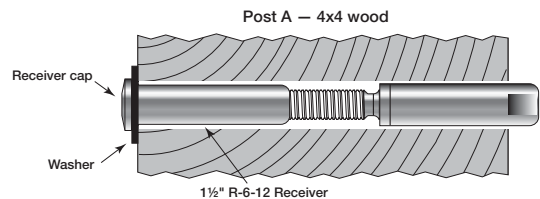
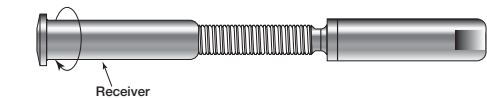
Receiver with Push-Lock stud (continued)

Section B. Instructions in this section apply if you are using a Receiver with Push-Lock stud on one end of your cable run and a Pull-Lock fitting on the other end. For all other combinations, see Section A, pages 25-26.

Step A. Install the Receiver with Push-Lock stud in the first end post (Post A below).



1. Turn the Receiver onto the threads of the Push-Lock stud approximately 6 turns.
2. Slip the washer over the body of the Receiver (7/16SAE washer for wood posts, black Delrin® washer for metal posts), then slide the Receiver with Push-Lock stud into the hole in Post A, with the Receiver cap resting against the back side of the post.
3. Push the cable into the hole in the stud as far as it will go (approximately 1-1/16"). Twist the cable clockwise as you push it into the fitting. You will feel it slide through the jaws inside the stud. (If applicable, you will receive a PL-Key with your order. This may aid in your cable installation. Please see instructions for use of the PL-Key at the end of this section).

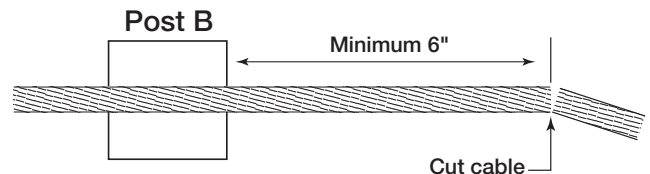


Step B. Install the Pull-Lock® fitting on Post B.

1. Run the cable through your intermediate posts (if any) and through Post B where you will be installing the Pull-Lock fitting.

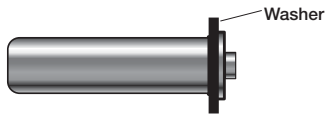


2. Cut the cable with a cable cutter, leaving enough cable extending out from the back side of the post to be able to grasp the cable firmly with your hand (6" or more).

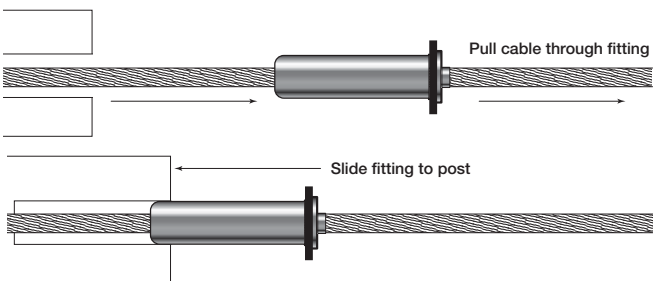


Receiver with Push-Lock stud (continued)

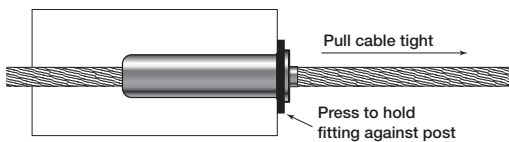
- Slip the washer over the body of the Pull-Lock fitting (7/16SAE washer for wood posts, black Delrin® washer for metal posts).



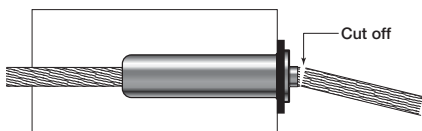
- Push the cable into the hole in the front of the Pull-Lock fitting and pull the cable through the fitting. Twist the cable clockwise as you push it into the fitting. Then slide the fitting along the cable and up to the back side of the post. (If applicable, you will receive a PL-Key with your order. This may aid in your cable installation. Please see instructions for use of the PL-Key at the end of this section).



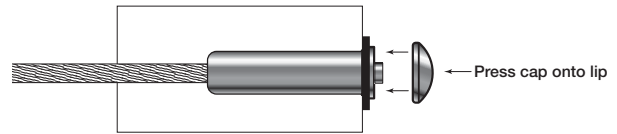
- Hold the cable with one hand and slide the Pull-Lock fitting into the hole in the post. Press on the back of the Pull-Lock fitting to hold it securely in the post and pull the cable through the fitting until it is as tight as you can make it.



- Cut the cable flush with the hole in the back of the Pull-Lock fitting, using a cut-off wheel (see CUT-OFF KIT in our product catalog).

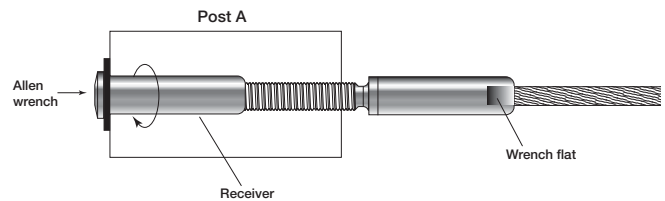


- Press the cap onto the lip of the Pull-Lock fitting.



Step C. Tension the cable after all of the fittings have been installed on both end posts.

- Grip the wrench flat on the end of the Push-Lock stud at Post A with a 3/8" open-end wrench (to keep the cable from turning), then turn the receiver with a 3/16" Allen wrench until the cables are tight.



- 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.

