

Kit 212 Series Installation Instructions for 1½" Metal Posts on Level Runs

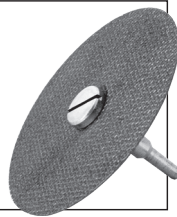
Tools Required for Installation

- 5/32" Drill Bit
- 1/4" Drill Bit
- 29/64" Drill Bit
- 1/8" Hex Wrench
- 3/16" Hex Wrench
- 3" Combo Wrench
- Cable Gripper
- RFXPL-KEY
- Cut Off Kit (mandrel)
- Cut Off Kit (wheel)

Cut-off Tool

Used to cut cable flush with the end of the Pull-Lock® fittings, and to cut excess threads off stud-type Receivers. Includes mandrel and two cut-off wheels.

Order **RFX-CUT-OFF KIT**



NOTE: Parts must be kept clean and free of debris before installation for best results.

A. Drill Posts

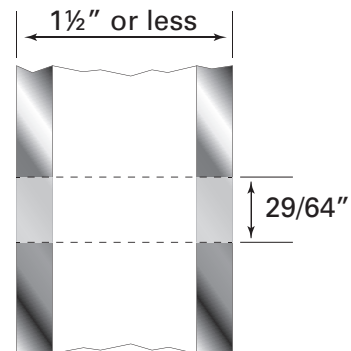
Hole sizes through intermediate posts and/or cable braces are:

5/32" for 1/8" cable

7/32" for 3/16" cable

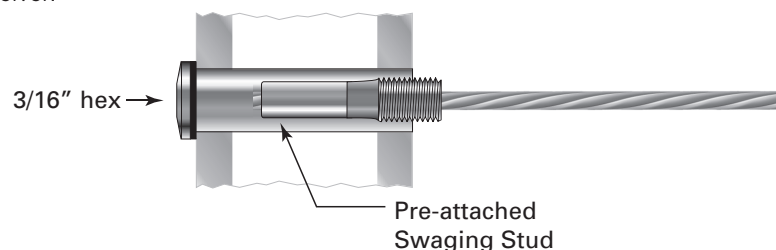
End posts are drilled through, using a 29/64" drill bit for both the Receiver and Pull-Lock® fitting.

All holes should be burr-free.



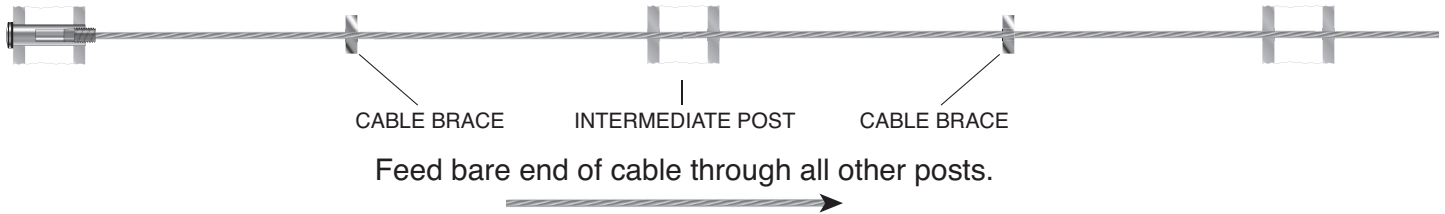
B. Install Tensioning Terminal

1. Slip the Delrin® washer over the body of the Receiver and insert the Receiver into the post.
2. Start the swaging stud attached to the cable into the Receiver and turn 2 complete turns. This will thread about 1/3 of the stud into the Receiver.



C. Feed Cable through Intermediate Posts

1. Feed the bare end of the cable through all intermediate posts and through the end post where you will be installing the Pull-Lock® fitting.

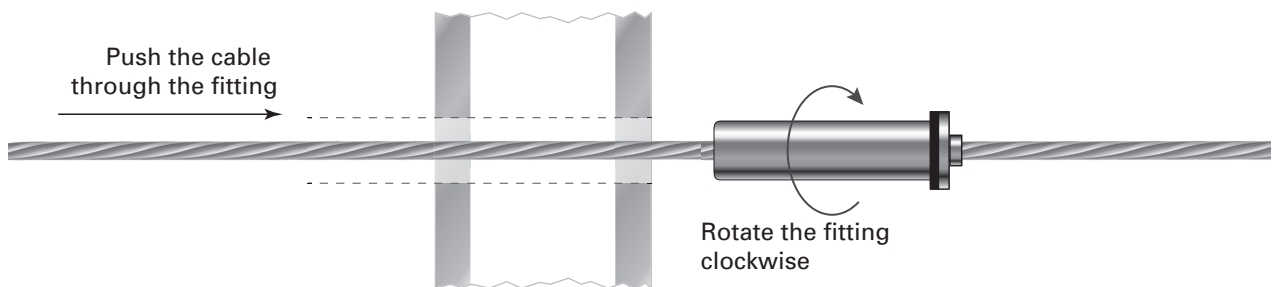


D. Feed/Crimp Cable through Corner Posts

There is not enough take-up in the short Receivers used in this kit to properly tension the cable if used around corners. This kit is only recommended for use on straight runs.

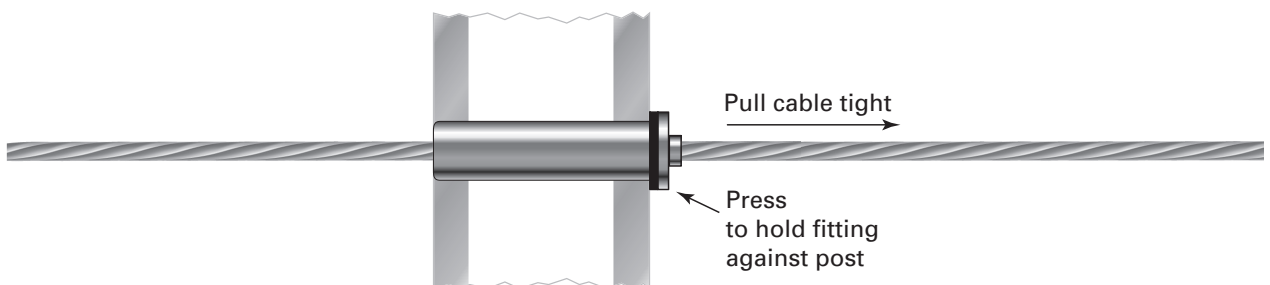
E. Install Swageless Terminal

1. Slip the Delrin® washer over the body of the Pull-Lock® fitting.
2. Rotate the Pull-Lock® fitting clockwise as you push it onto the cable. If the cable begins to "unravel," you are rotating the fitting in the wrong direction.



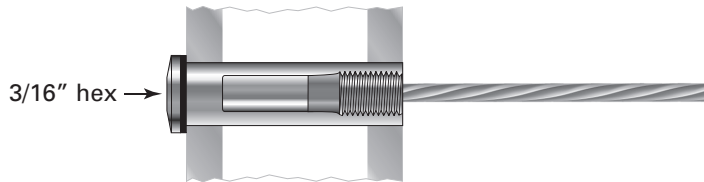
Note: If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect! Here's what you can do to "free the wedges" — For Pull-Lock® or Push-Lock® fittings for 1/8" cable, using either a RFXPL-KEY or 1/4" diameter bolt, insert the RFXPL-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. Push the Pull-Lock® fitting along the cable and firmly into the hole in your post. While holding the Pull-Lock® fitting against the end post, pull the bare end of the cable to remove as much slack in the cable as possible.



F. Tension Cables

1. 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 a hex wrench. Be careful to protect the cable from damage while tensioning.



The swaging stud will be pulled into the Receiver by rotating the Receiver clockwise.

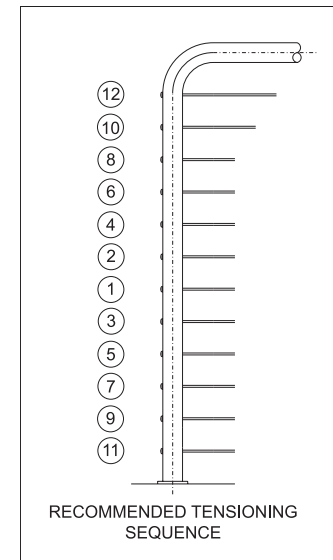


RailFX Small Cable Gripper

As an alternative to a large cable gripper, this small gripper will clamp on the cable while tensioning to keep the cable from unraveling. Order **CG-4-6-RFX**

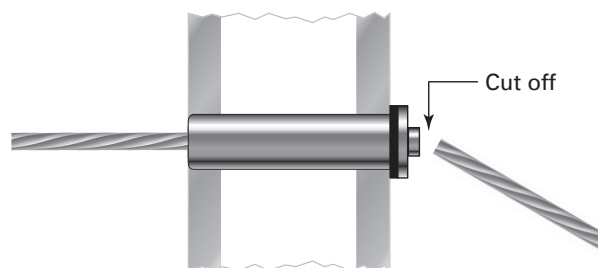


2. Tension all cables to desired amount in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence. Be aware that the cable may move as much as 3/16" toward the tensioning terminal as the wedges seat.



G. Trim Excess Cable

1. Return to the swageless terminal. Cut the cable flush with the hole in the back of the fitting using a cut-off wheel.



2. Twist the cap onto the lip of the Pull-Lock® fitting.

