

# Installation Instructions for 2" Metal Posts on Level Runs

using RailFX® 232 Series Kit



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

## 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
- 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**



## A. DRILL POSTS

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

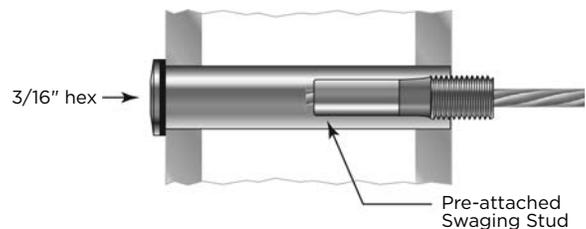
- 5/32" for 1/8" cable
- 7/32" for 3/16" cable

**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.



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### 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.



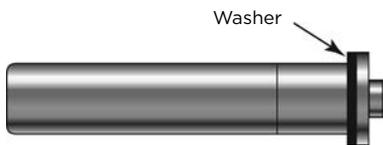
Feed bare end of cable through all other posts.

### D. FEED/CRIMP CABLE THROUGH CORNER POSTS

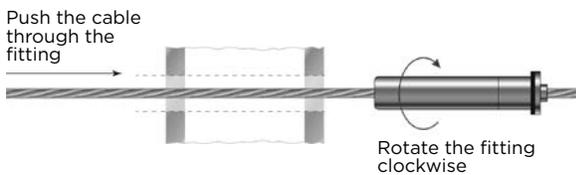
There is not enough take-up in the short Receivers used in this kit to properly tension the cable if used around corners. This kit is only recommended for use on straight runs.

### 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.

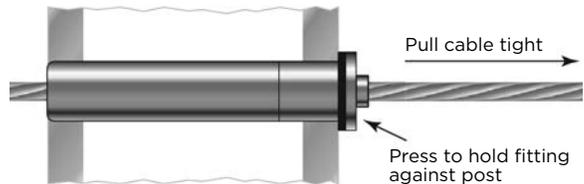


Note: If you have trouble inserting the cable into the fitting, it may be because the locking wedges have become stuck. This is not a defect!

Here's what you can do to "free the wedges"

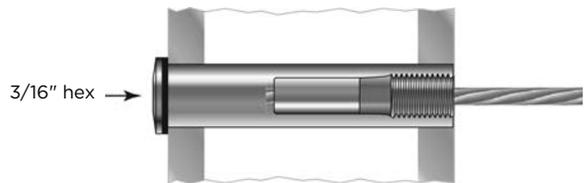
For Pull-Lock® or Push-Lock® fittings for 1/8" cable, using either a RFXPL-KEY or 1/4" diameter bolt, insert the RFXPL-KEY or bolt into the hole and press until the wedges move freely. Perform the same operation for a 3/16" Pull-Lock® or Push-Lock®, except use a 16d nail or another tool with 1/8" or 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.

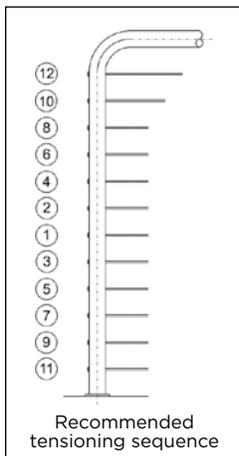


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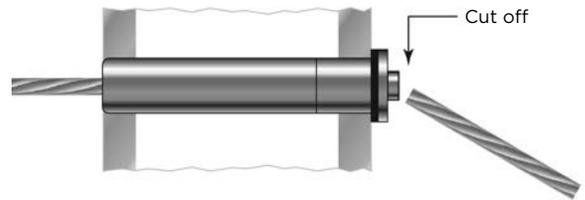


2. Tension all cables in sequence, beginning with the center cables, moving up and down toward the top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence. Be aware that the cable may move as much as 3/16"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

