

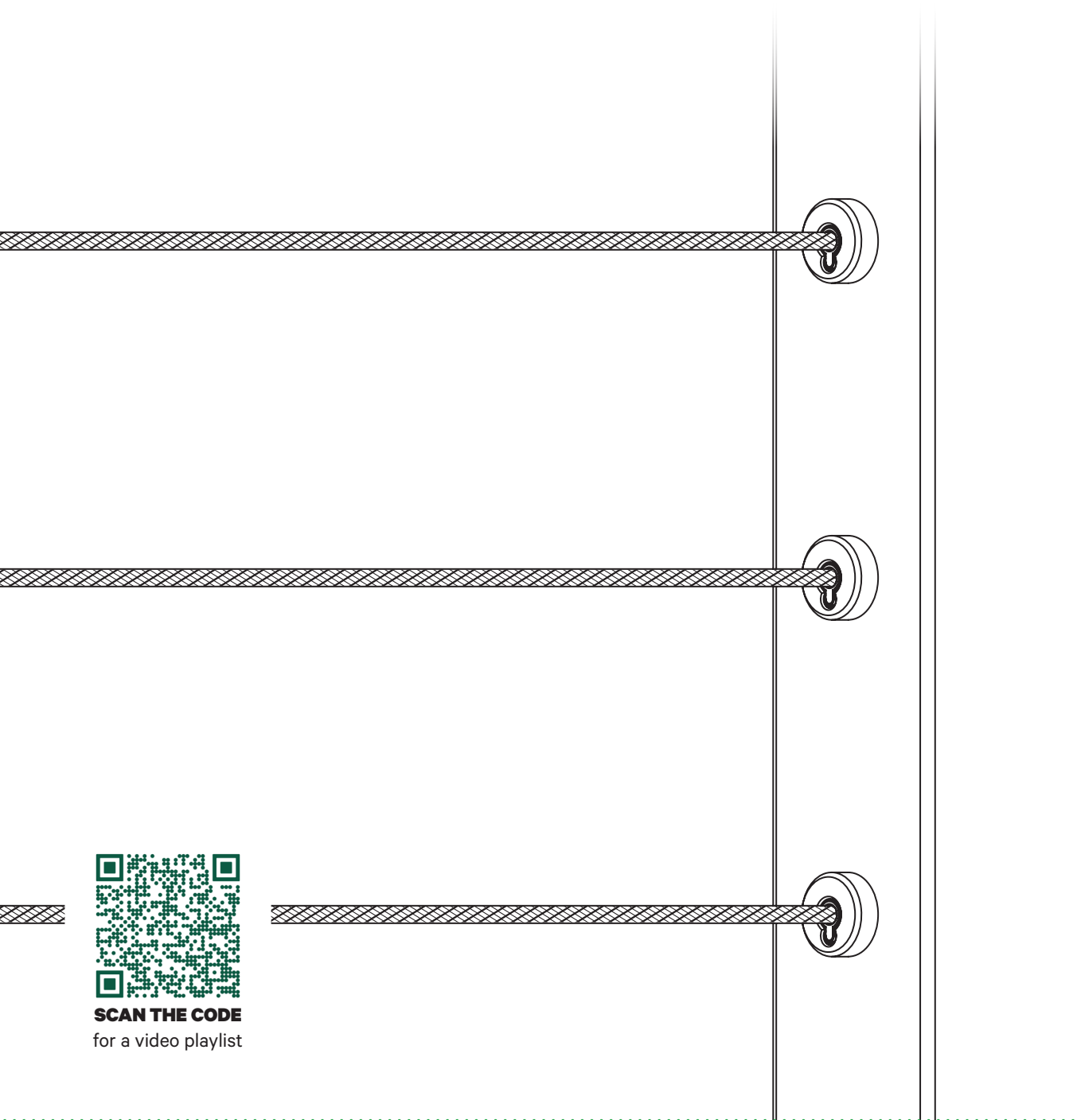
how to install

Signature Series Cable Infill

Tensioners | Spacer Bars | Post Hole Covers | Cable | Post Hole Plugs

Attach and tension cables between Signature Series posts.

SIGNATURE SERIES



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for a video playlist

Project Overview

tools

- ❑ Cable Cutter*
- ❑ Cable Crimper*
- ❑ Cable Bullet Driver*
- ❑ 3/32" Allen wrench*
- ❑ 3/32 x 6" power bit*
- ❑ 1/4" Security Spanner Nut Bit*
(Post Hole Plugs only)
- ❑ Socket wrench with a 7/16 socket (optional)
- ❑ Tape measure

supplies

- ❑ Cable Rail Tensioner Kits for Metal Posts*
- ❑ 5/32" Stainless Steel Cable*
- ❑ Boeshield T-9®*
- ❑ 3/4" painter's tape (optional)
- ❑ Optional Hardware:
 - ❑ Cable Spacer Bars*
 - ❑ Deluxe Post Hole Covers*
 - ❑ Post Hole Plugs*

*available at cablebullet.com

⚠ **PLEASE NOTE:** All Cable Bullet recommendations and rail components are designed to comply with International Residential Code (IRC).

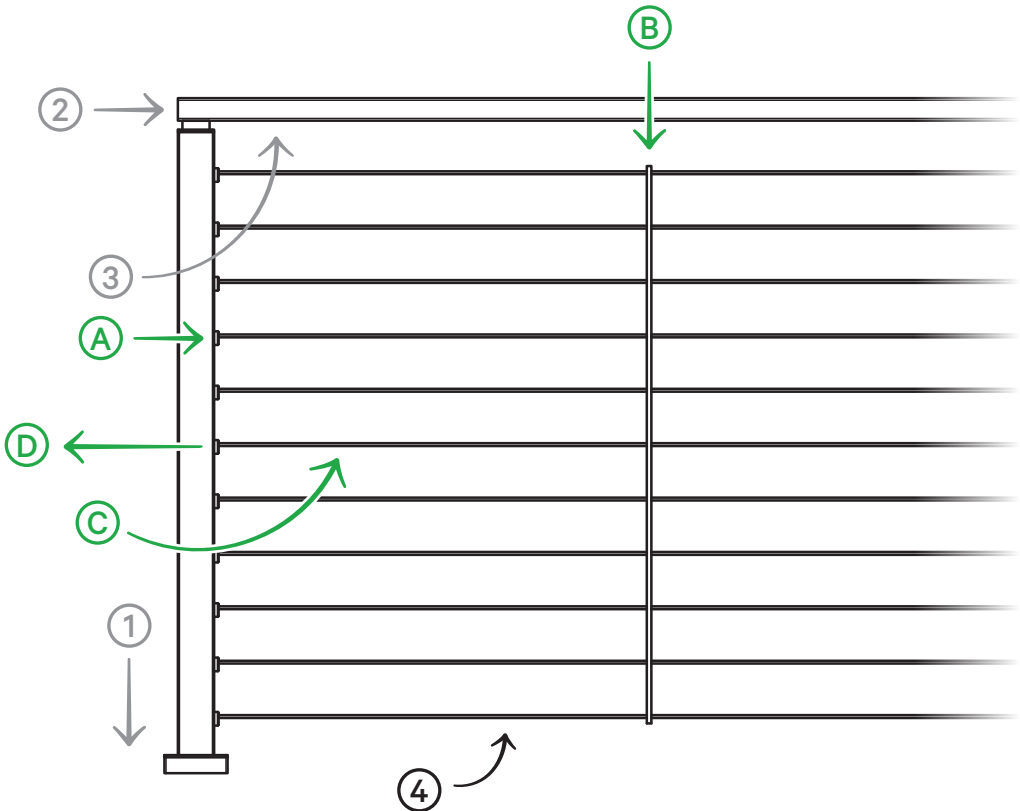
Building codes may vary, and it is the installer's responsibility to verify that the installed system complies with all applicable state and local building codes.

For more information on Cable Bullet and building code standards visit:
www.cablebullet.com/pages/terms-conditions

⚠ **CAUTION:**  Wear eye protection during installation.

Order of Installation

- 1 Set Posts
- 2 Attach Handrail
- 3 Install Lighting (Optional)
- 4 Install Cables
 - A Install Tensioners
 - B Place Spacer Bars & Post Hole Covers
 - C Run Cables
 - D Tension Cables

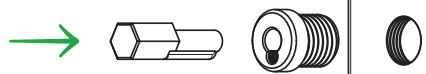


Installation Instructions

1. Install Tensioners

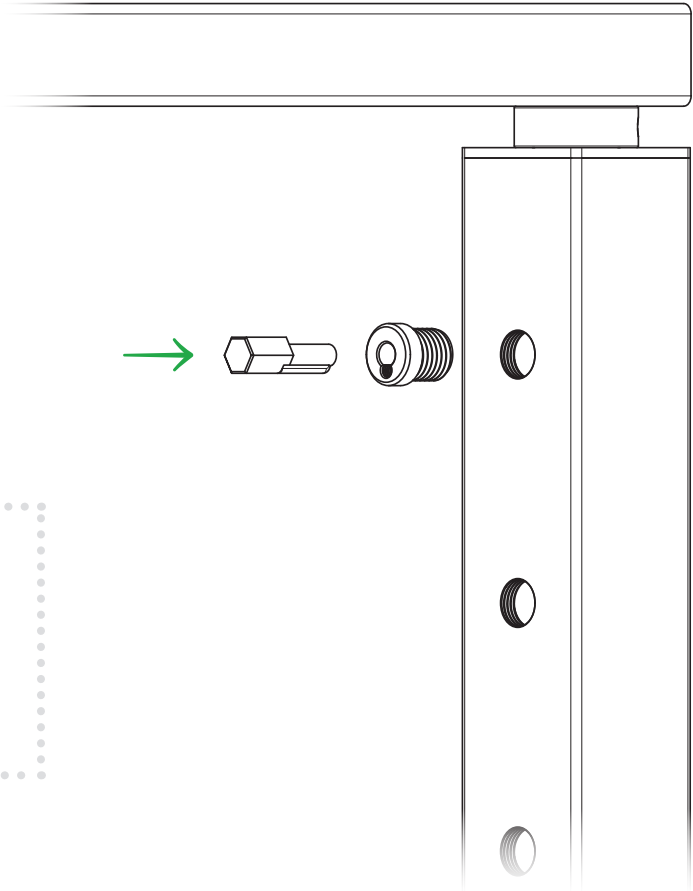
Screw the tensioners into the pre-threaded posts. Use a Bullet Driver and a socket wrench with a 7/16" socket to fine-tune the orientation of the tensioner for accessibility and/or aesthetics.

⚠ **WARNING:** Do not use an impact driver to install tensioners.



At this time, ensure any Post-Mounted Handrail Brackets are installed.

These need to be in place before installing your cables.

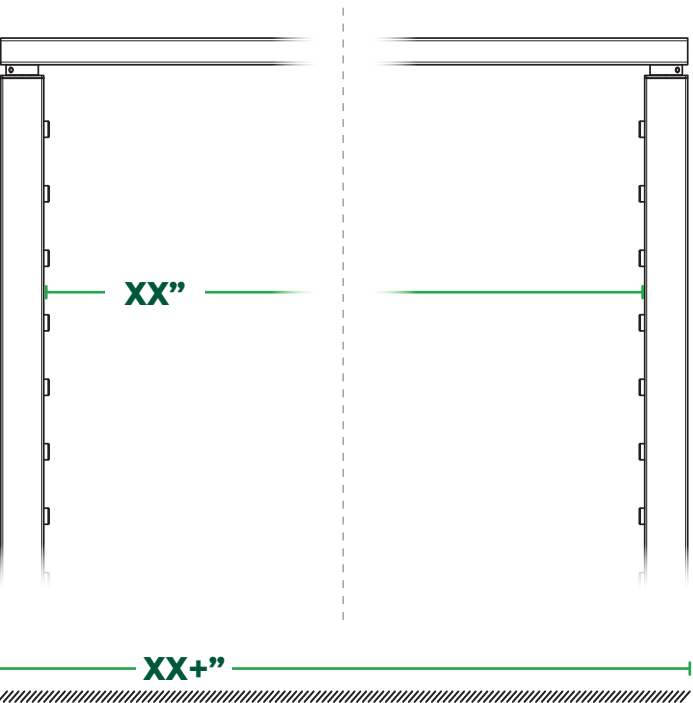


2. Cut Rough Cable Lengths

Measure your runs and cut oversized, rough lengths of cable for each.

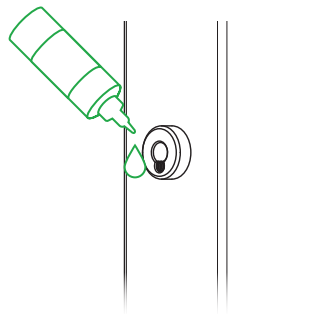
When cutting, leave a few extra inches on each run to avoid ending up short. You will make an accurate, finished cut later.

💡 **PRO TIP:** Use our Cable Cutter or steel wire cutters to ensure clean cut ends without fraying.



3. Lubricate Tensioners

Apply a drop of T-9® lubricant to the set screw channel of each tensioner. This will ease installation, reduce the likelihood of seizing, passivate the stainless steel, and help prevent corrosion.

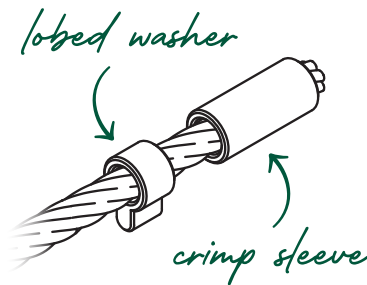


WARNING: To avoid staining, take special care to avoid spilling T-9 on any wood surface.

4. Crimp Cable Ends

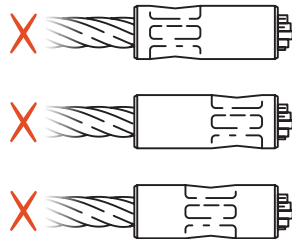
Fit one end of a cable length with a lobed washer and a crimp sleeve.

Use our Cable Crimper to firmly crimp the sleeve using the #8 die setting. Each crimp sleeve will need to be crimped twice.



PRO TIP: A crimp using the proper die size and crimping pressure will be imprinted with an “8”. Check for this indication of a secure connection.

crimp twice



PLEASE NOTE: The integrity of your cable tension is held in this crimp. Make sure to fully and properly crimp the sleeve onto the cable.

CAUTION: Wear eye protection while operating crimper.

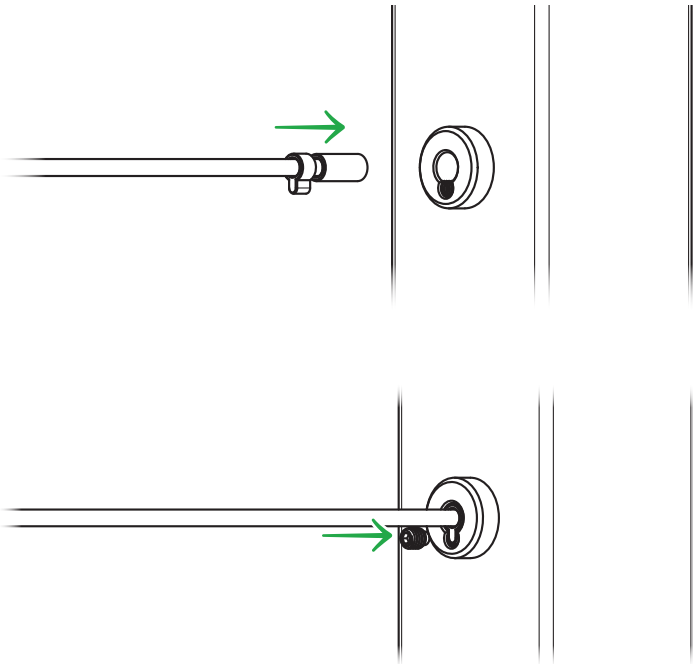
5. Set Cable Ends

Insert the crimped cable and lobed washer into the tensioner and use a 3/32” Allen wrench or manual bit driver to advance the set screw until it is flush with the face of the tensioner.

WARNING: Do not use power tools to drive in the set screws—they can strip and/or seize in the tensioning channel.



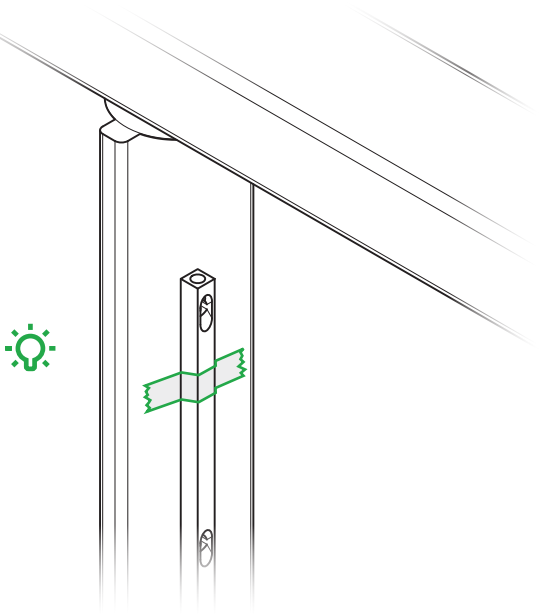
PRO TIP: If your project includes stairs, set your first cable end at the bottom of your stairs.



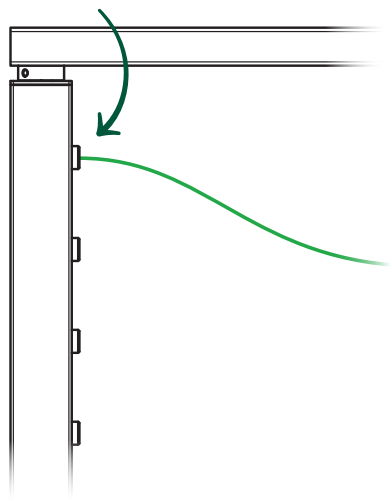
6. Run Cables

With the crimped end locked in place, thread your un-crimped cable end through all line posts, terminal posts utilizing Deluxe Post Hole Covers, and spacer bars (if applicable).

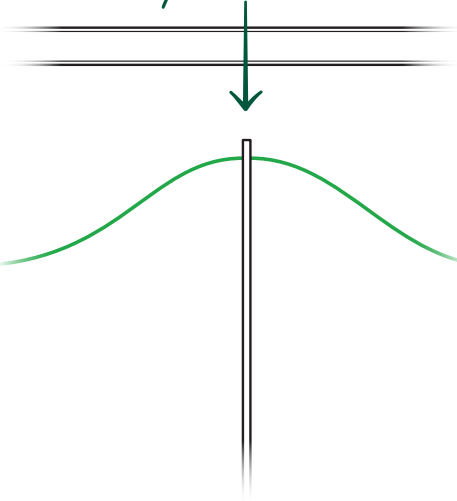
PRO TIP: Tape your Spacer Bars to the closest post until all your cables are set to ease installation.



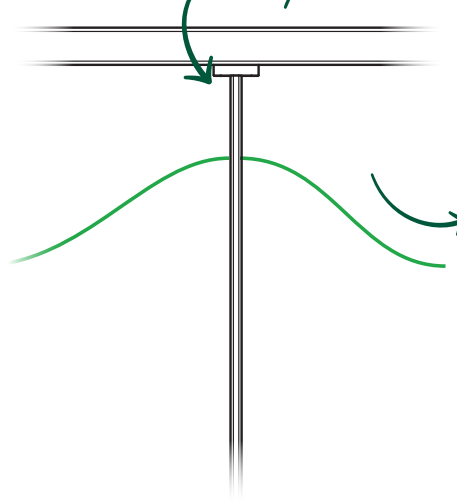
locked cable end



spacer bar

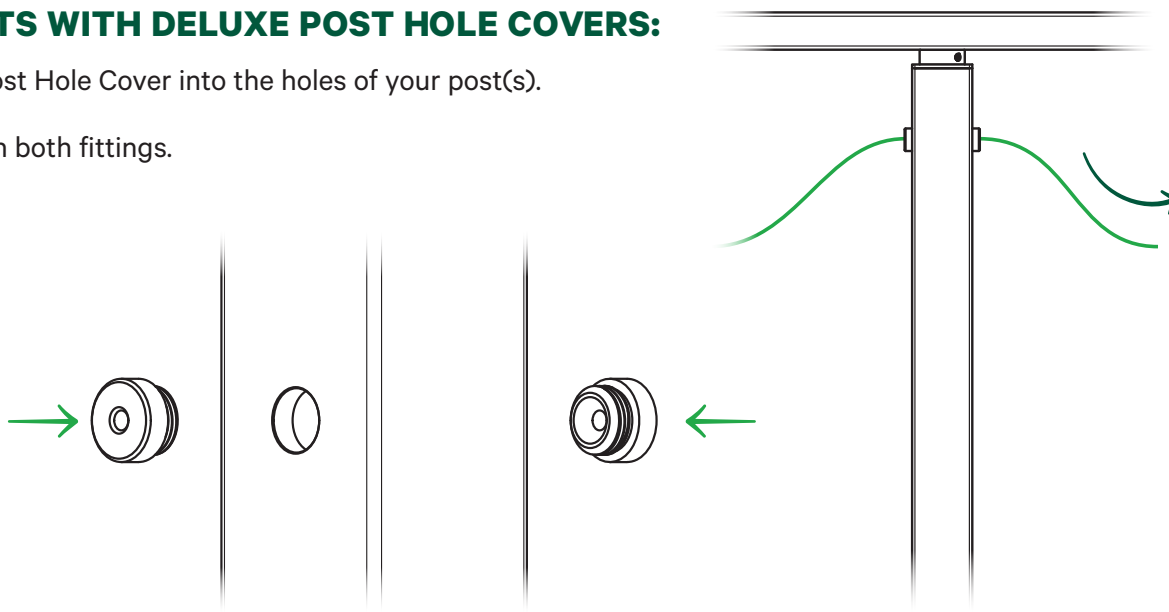


line post



FOR 2-WAY POSTS WITH DELUXE POST HOLE COVERS:

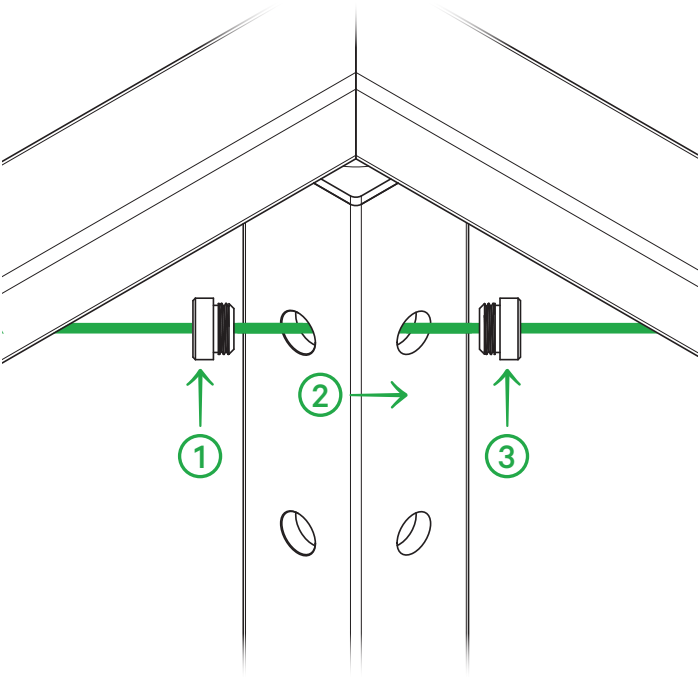
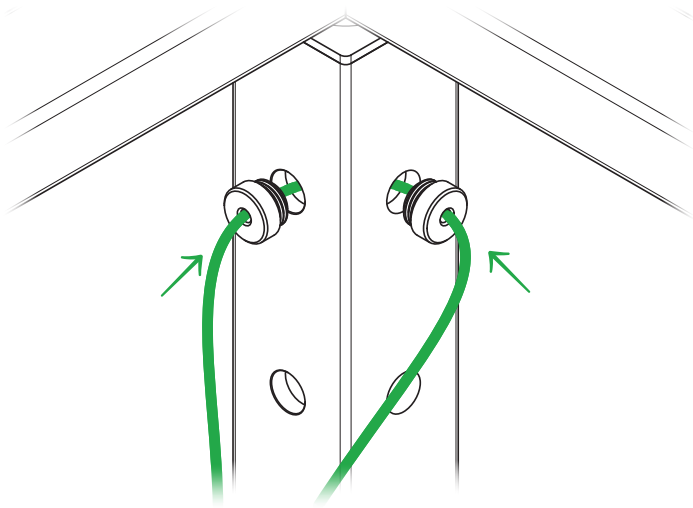
Thread each Deluxe Post Hole Cover into the holes of your post(s).
Run your cable through both fittings.



FOR CORNER POSTS WITH DELUXE POST HOLE COVERS:

Before threading cable through your corner post, slide a Deluxe Post Hole Cover onto the cable with the threads facing the post.

Feed cable through the threaded holes of your corner post and slide on the second post hole cover with the threads facing the post.



Bend the cable into a “U” shape and hold both ends in one hand.

Use your other hand to thread both Deluxe Post Hole Covers into the post adjusting the cable angle as needed to help the threads catch cleanly.

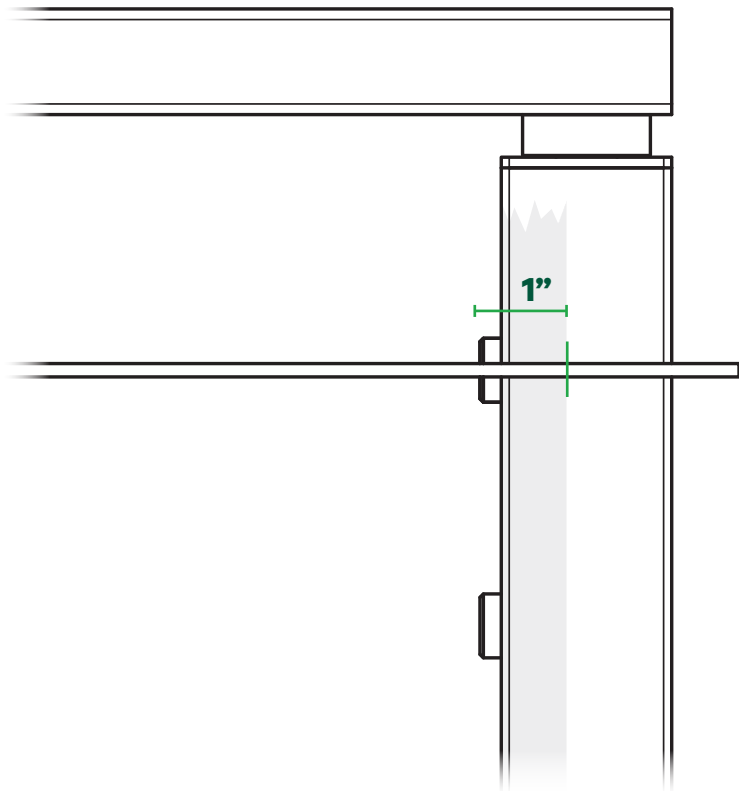
7. Cut Exact Cable Lengths

Pull the cable hand-tight, measure one inch past the face of the tensioner, and make your finished cut.

 **PRO TIP:** Apply 3/4” painters tape to the edge of your post and cut at the far side of the tape. This will be 1” past the face of the tensioner.

Repeat steps 4 and 5 to secure the second end of your cable.

Then repeat the entire process for each of your cable runs

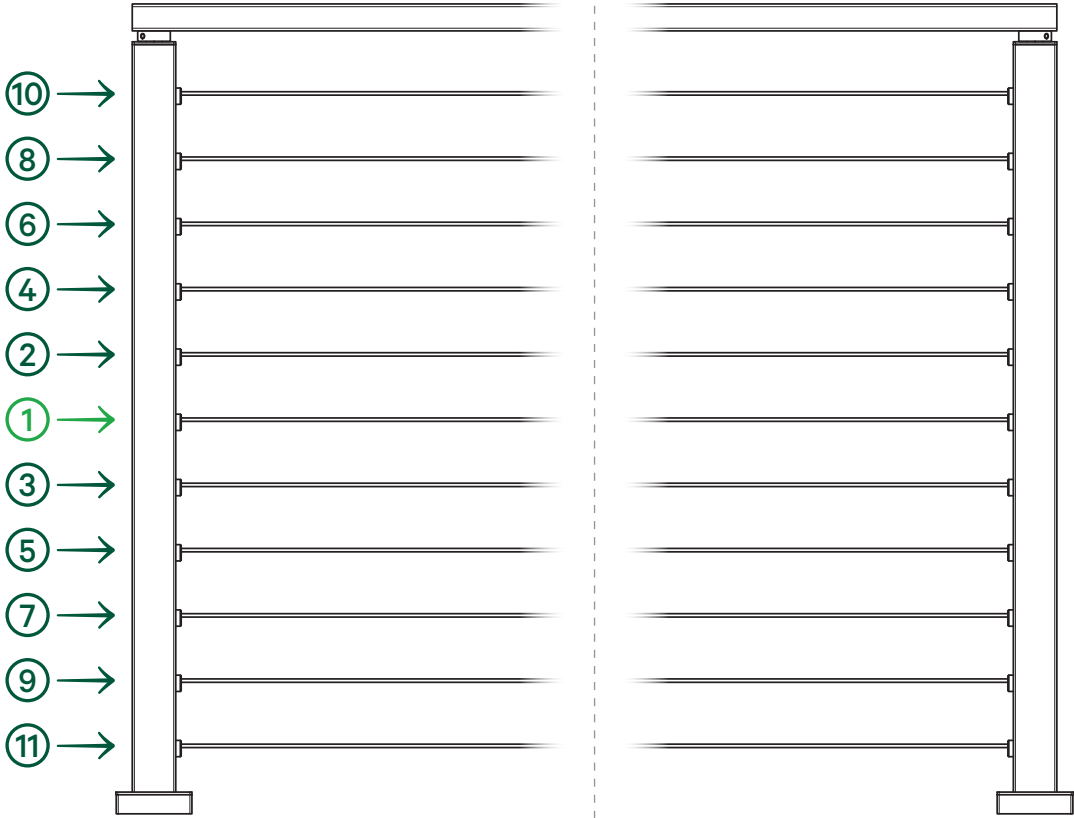


8. Final Tensioning

Once all your cables are in place, begin tensioning each run by driving in the set screw using the 3/32” Allen wrench or manual power bit. Tension from the innermost cable outwards.

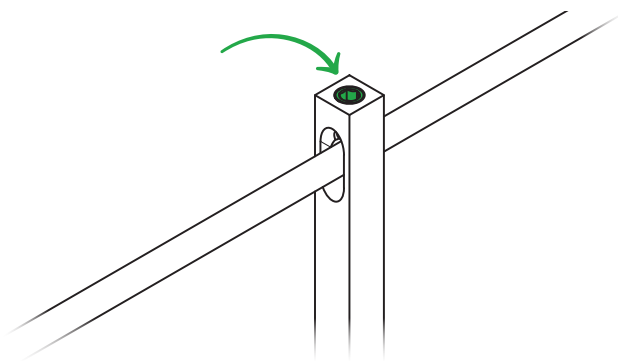
HOW TIGHT IS TIGHT ENOUGH?

A properly tensioned cable will deflect approximately 1/4” per foot under a 50 lb load. In other words, it will feel more like a bass guitar string, less like a piano wire.



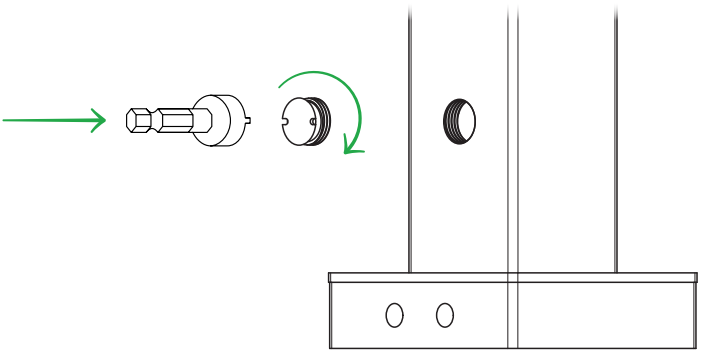
9. Lock Spacer Bars

Tighten down the locking set screws (top and bottom) of any Spacer Bars using a 3/32” Allen wrench.



10. Install Post Hole Plugs

Screw Post Hole Plugs into the unneeded cable tensioner holes on your Signature Series Posts using the Security Spanner Bit or 3/32” Allen wrench.





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