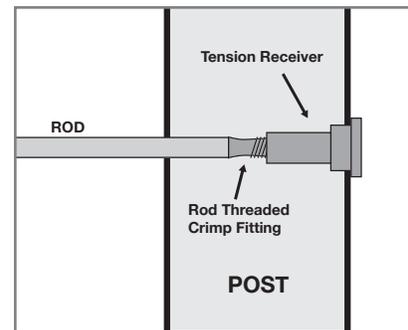




Rod Railing Installation

Level Installation

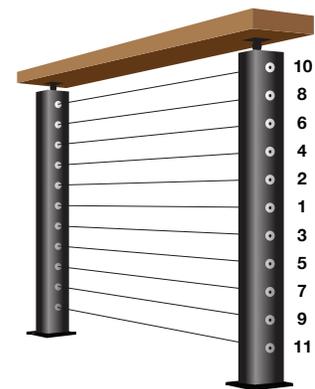
1. Install all of your posts and handrail.
2. If more than one length of rod is necessary, determine which post will be the Coupling Post.
3. Slide a rod through the posts until the rod is through the End Post on one end and through the Coupling Post on the other.
4. Crimp a Threaded Crimp Fitting onto the rod at the End Post. **All fittings should be crimped 3/16" from the end of the rod.*
5. Now thread a Tension Receiver onto Threaded Crimp Fitting 3 full turns. Then seat Tension Receiver all the way into the post.
6. If you're coupling rods, use painter's tape to mark rod at Coupling Post. Pull the rod back and mark 1" from tape. Use a hand grinder with a cutting wheel to cut at the mark and remove any burrs.



Pro Tip: a thin cutting wheel will cut the rods faster and make fewer burrs.

7. Crimp Coupler Fitting onto the rod.
8. Now you'll slide a new rod through the next set of posts to continue the run. Crimp the new rod onto the exposed end of the Coupler Fitting. **All fittings should be crimped 3/16" from the cut end of the rod.*
9. Making sure that your Tension Receiver is once again fully seated at the first End Post, use painter's tape to mark the inside of the End Post. Pull the rod back and mark 1/2" from tape, then cut at the mark.
10. Remove any burrs, then crimp Threaded Crimp Fitting onto the rod.
11. Slide the rod back into the End Post and thread a Tension Receiver onto the Threaded Crimp Fitting until it's snug. Make sure that the opposite end is fully seated.

Repeat these steps until all the rods are in place. Use the Allen Wrench to tension rods according to the alternating pattern shown here.



Rods Tensioning Order

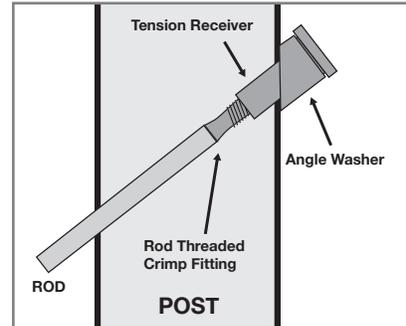


Angle Installation

All of the installation instructions for angled runs are the same as the level instructions, except for the measurement to mark in step #9 and the addition of the Angle Washer that is added to each Tension Receiver.

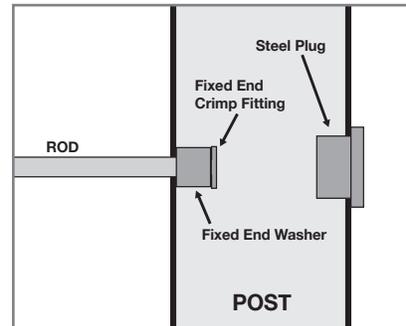
Here's step #9 for Angle Installation:

9. Making sure that your Tension Receiver is once again fully seated at the first End Post, use painter's tape to mark the inside of the End Post. Pull the rod back and mark **1 3/4"** from tape, then cut at the mark.



Level Fixed End Installation

1. Slide a rod through the Fixed End Post until the rod is through the Fixed End Post on one end and through the Tension End Post on the other.
2. Place the Fixed End Washer onto the rod.
3. Crimp the Fixed End Crimp Fitting onto the rod at the Fixed End Post.
**All fittings should be crimped 3/16" from the end of the rod.*

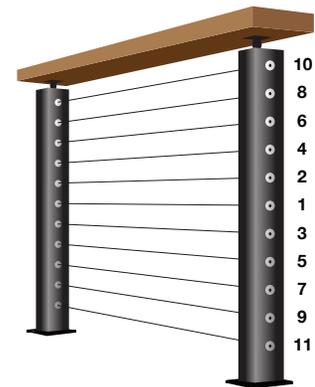


4. Pull the rod back through the Fixed End Post until the Fixed End Washer sits flush with the interior wall of the post.
5. Making sure that your Fixed End Washer is once again fully seated at the Fixed End Post, use painter's tape to mark the inside of the Tension End Post. Pull the rod back and mark **1/2"** from tape. Cut at the mark with a hand grinder with a cutting wheel.

Pro Tip: a thin cutting wheel will cut the rods faster and make fewer burrs.

6. Remove any burrs, then crimp a Rod Threaded Crimp Fitting onto the rod.
7. Slide the rod back into the Tension End Post and thread a Tension Receiver onto the Rod Threaded Crimp Fitting until it's snug. Make sure that the opposite Fixed End Washer remains fully seated against the interior wall of the Fixed End Post.
8. Place the Steel Plug into the 1/2" access hole of the Fixed End Post and tap into place with a rubber hammer.

Repeat these steps until all the rods are in place. Use the Allen Wrench to tension rods according to the alternating pattern shown here.



Rods Tensioning Order