



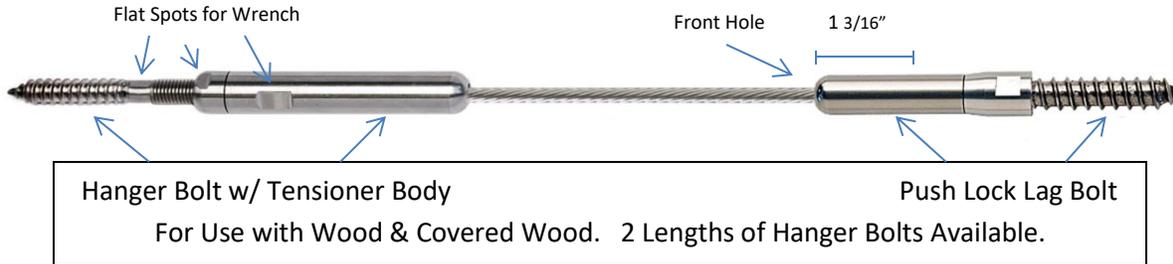
Made in USA

Our Cable & Fittings
are Proudly Made
Here In The USA!

Super View
Easy Stainless Steel Cable Systems
By All-Time Manufacturing Co. Inc.

Wear protective gloves and glasses during use. Cable can be sharp.

Instructions for Hanger Bolt Tensioner and Push Lock Lag Bolt Cable Kits:



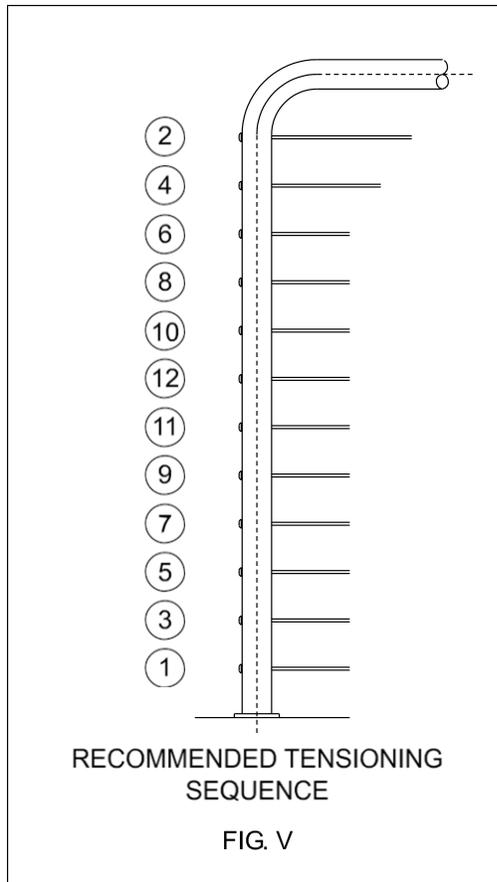
- Determine your cable spacing and mark for your holes on the mounting surface. Approximately 3 inch or 3 1/8 inch on center recommended. (Make sure mounting structure is rigid. It is best to pre-drill your posts using a drill press or other drill accessory to help drill straight holes.)
- Use a 7/32 inch drill bit for the Hanger Bolt hole. Then install using a wrench on the flat mid-section, or a hanger bolt driver. (sold separately)
- Use a 7/32 inch drill bit for the Lag Bolt hole. Then install using a wrench on the flat spot.
- Now thread on the small nut to the mid-section of the Hanger Bolt and then start the larger body. Thread the larger body on approximately 1 inch. (If you go further this will allow the body to remain further later and leave less thread.) Make sure you have your cable crimped end ferrule inside the body already. (the ferrule keeps the cable end inside the body)
- Now pull your cable and mark *1 3/16" beyond the front hole with a marker. (Front hole is where cable inserts into push lock lag bolt. The cable inserts approximately 1 3/16 inch) Now cut the cable at your mark. In order to get all Hanger Bolt Tensioners even and with similar tension you will want to cut all the cables evenly.
(*You can vary the distance of your mark based on your desired amount of thread you want available for later tensioning.)
- Loosen the body back off the Hanger Bolt to allow slack and then insert the cable into the one-way jaws of the Push Lock Lag Bolt. Turn the cable clockwise while pushing in to help insert. Make sure you are in all the way. You may need to align the strands of cable if they are undone.
- Now you can tension your cable as needed. Use a wrench on the flat sections of the tensioner body and thread onto the hanger bolt. Use cable grip pliers to keep the cable from turning. Normally achieve 250-350 Lbs. of tension on your cables. *Be careful to tension evenly and not put too much pressure on your post and rail. Move the nut against the body when complete.
(*See next page for tensioning sequence. It is best to use a tension gauge.)
- It is recommended to clean the cable and fittings when finished with a stainless steel cleaner/polish to remove any grease, contaminants and other debris. Also leaving a protective coating.

All-Time Manufacturing Co. Inc. is not responsible for negligence in the usage of the cable system for barriers or guard rails and the user must comply with all local and national codes. Confirm your required spacing & cable spec.

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***We also have an instructional video available.**

It is on Youtube.com search: All-Time Hanger Lag Installation. You can also visit our website alltimemfg.com

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