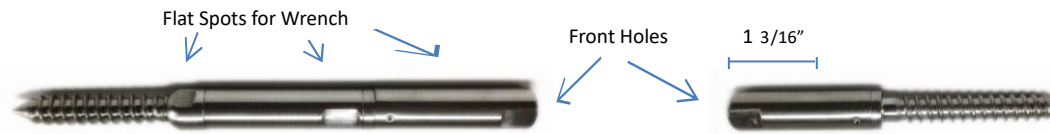


Super View
Easy Stainless Steel Cable Systems
By All-Time Manufacturing Co. Inc.

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

Hanger Lag Tensioner and Push In Lag Bolt Swageless Cable System Instructions:



Hanger Lag Tensioner

Push In Lag

***For Use with a Roll of 1/8" dia. 1x19 Left Strand Cable, and Attaching to Wood & Covered Wood.**

1. 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.)
2. Use a 7/32 inch drill bit for the Hanger Lag hole. Disassemble the Hanger Lag Tensioner, if needed use a wrench on the flat spots in the middle and rounded "nut" end. Then install the Lag using a Allen Wrench/Hex Bit on the hex hole in the end.
3. Now thread on the small rounded "nut" all the way back on the Hanger Lag Tensioner 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 exposed.
*This will also allow less cable tensioning. The longer your cable runs are, the more thread you will want to leave for tension. This fitting will tension roughly maximum of 50' of cable.
We suggest to do a test run to familiarize yourself before you cut all your cables.)
4. Use a 7/32 inch drill bit for the Push In Lag hole on other end. Then install using a wrench on the flat spot.
5. Now unspool your first cable and with a marker on either end mark *1 3/16" beyond the front hole of either end fitting. Now cut the cable at your mark. Insert into the first end fitting.
(It can help to turn the cable clockwise while pushing in. *Make sure you are in all the way. You may need to align the strands of cable if they are undone.)
6. Now pull your cable to the other end. With a marker on this end mark *1 3/16" beyond the front hole of the end fitting. Try to get the cable as tight as you can so you don't have unnecessary slack. You can use the release tool and take the cable out to recut more if needed. Be careful not to cut too short. (It can be helpful to make a rough longer cut off your roll first so you can pull the cable tight and handle more easily.)

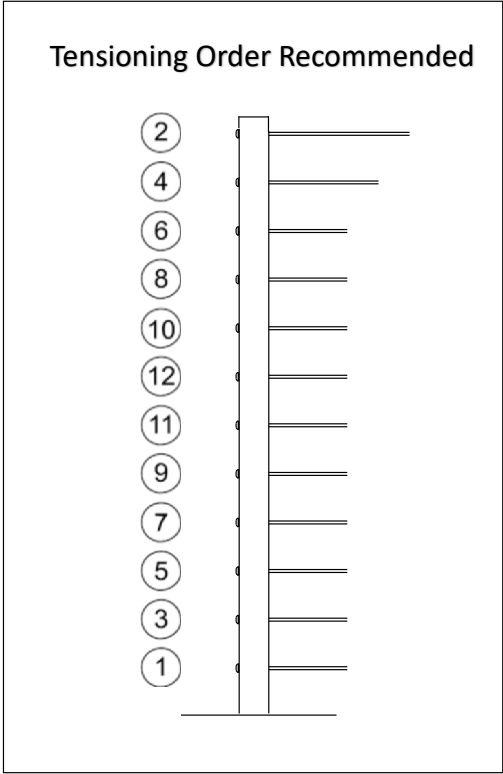
***In order to get all Hanger Lag Tensioners even and with similar tension you will want to cut all the cables evenly, and start the threads evenly.**

7. Now you can tension your cable as needed. Use wrenches on the 2 outer flat sections of the tensioner body and thread onto the Hanger Lag. The flat spot near the front hole is just to keep the cable from spinning while you turn the flat spot in the middle to tension... 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.**

(*It is best to use a tension gauge. Tension till you cannot spread the cables 4” apart, or per your local building code.)

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.

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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.