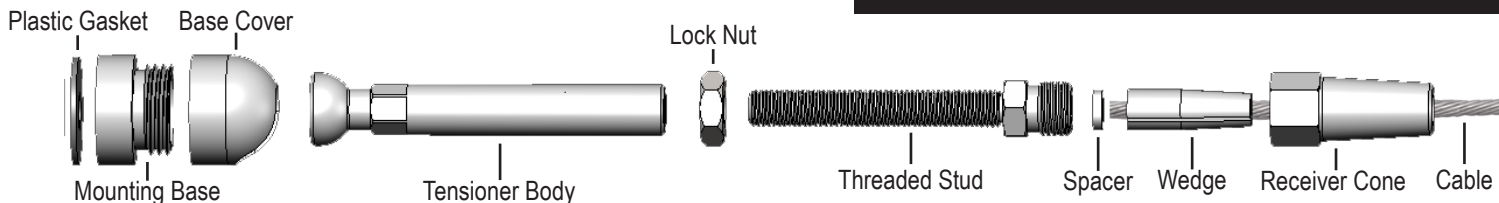


# NOVA II

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## NOVA II Single Mount Tensioner INSTALLATION INSTRUCTIONS

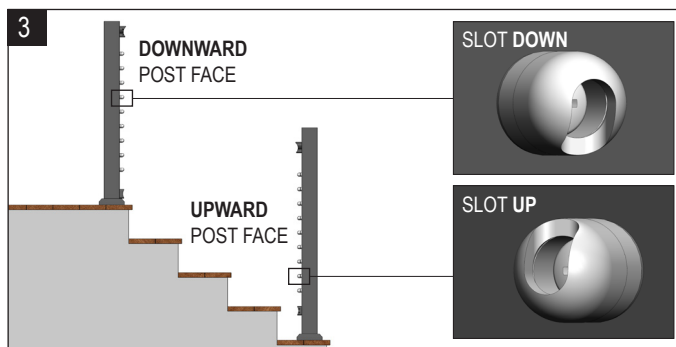
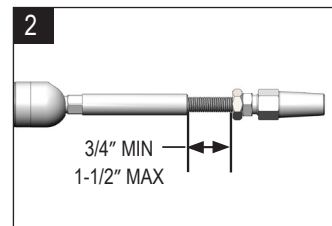
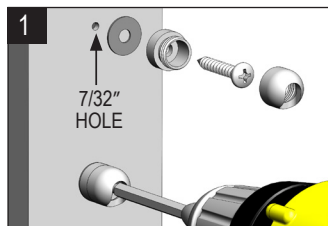
FOR USE ON NOVA II STAIR RAIL SECTIONS  
- Use with 1/8" Stainless Cable -



### Installing Tensioners onto Stair Posts:

**NOTE:** Tensioners come fully assembled, but installation requires disassembling the tensioners in order to mount them to your NOVA II stair posts. BE CAREFUL NOT TO LOSE or MISPLACE THE COMPONENTS

1. **Disassemble** the tensioners by removing the Threaded Stud and unscrewing the Base Cover. The threads on the Mounting Base are "left hand" threaded. **Reassemble** the Tensioner Bases making sure to insert #14 screw before threading on the Base Cover. With mounting holes pre-drilled into your NOVA II posts using a 7/32" drill bit, install the Tensioner Bases to the posts using the Plastic Gasket in between the post and Mounting Base (See Figure 1). BE CAREFUL NOT TO STRIP THE SCREW HEAD during this process.
2. Reassemble the tensioners leaving 3/4" of thread exposed for a section of 20 feet or less. Extend the stud an additional 1/4" for every 10 feet thereafter. Maximum recommended cable span is 48 feet (See Figure 2).
3. The slots on the tensioner base should aim DOWN on the "Downward Post Face" and aim UP on the "Upward Post Face" (See Figure 3).

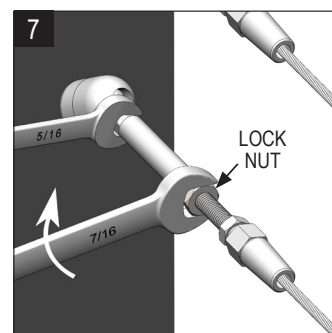
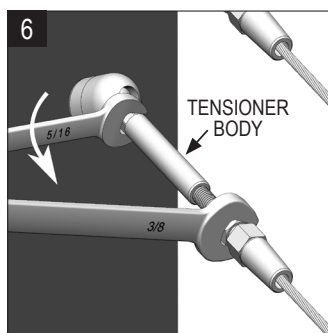
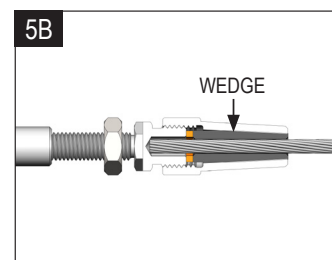
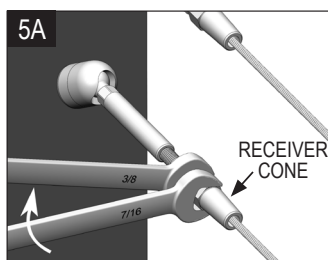
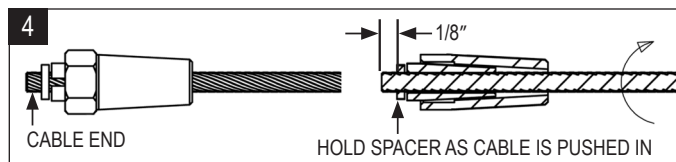


### Installing and Tensioning the Cable:

**WARNING:** DO NOT TENSION CABLES UNLESS THE FRAMEWORK OF THE NOVA II SYSTEM IS COMPLETED. The posts must be installed securely to the mounting structure and the Top & Bottom Rails must be securely attached to the posts.

**CAUTION:** USE WORK GLOVES AND PROTECTIVE EYEWEAR WHEN WORKING WITH CABLE TO PREVENT INJURY.

4. Insert the cable into the Receiver Cone, Wedge and Spacer while twisting the cable opposite the lay of the wire strands. Make sure the cable is fully seated into the Threaded Stud. The cable end should extend 1/8" beyond the Spacer (See Figure 4).
5. Fully tighten the Receiver Cone onto the Threaded Stud using 7/16" and 3/8" open wrenches. Tighten until threads are no longer visible (if possible) and Receiver Cone is tight (See Figure 5A). The Wedge inside will crimp down on the cable (See Figure 5B).
6. Hand tighten the tensioners **equally** on both sides of the cable run. Holding the Threaded Stud in a fixed position with a 3/8" wrench, rotate the Tensioner Body with a 5/16" wrench to apply tension until the cable is snug (See Figure 6). **DO NOT over-tension!**
7. With the cable tensioned properly, tighten the tensioner Lock Nut. Use a 5/16" wrench to hold the Tensioner Body in a fixed position while tightening the Lock Nut using a 7/16" wrench (See Figure 7).



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