

Push-Lock Turnbuckle Installation Instructions



Push-Lock® Turnbuckle Threaded Eye



Push-Lock® Turnbuckle Hanger Bolt



Push-Lock® Turnbuckle Extended Length Hanger Bolt



Push-Lock® Turnbuckle Concrete Anchor Bolt



Push-Lock® Turnbuckle Threaded Bolt

The Push-Lock Turnbuckle is a swageless version of the Adjust-A-Body. Both tensioning devices can be used with a hanger bolt, threaded bolt, threaded eye, or anchor bolt end fitting. Depending on the application (wood, metal, or concrete post or stair), make sure the holes are drilled properly in the end post where you will be installing the Push-Lock Turnbuckle.

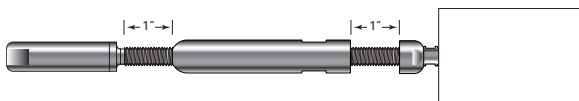
Push-Lock Turnbuckles are typically used as a second tensioner on a cable run, with the other tensioner being an Adjust-A-Body. The following directions assume this is the case.

Install tensioning end of run to one end post and run cables through intermediate posts before installing Push-Lock Turbuckle.

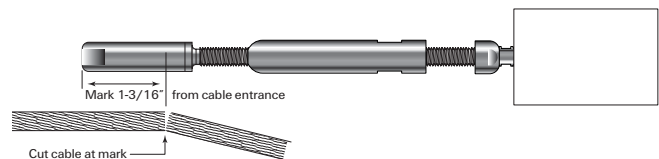
1. On the Push-Lock Turnbuckle, screw the lock nut all the way onto the 2" long machine thread jutting out of Post B.

Next, thread the Turnbuckle body onto the same 2" long machine thread until 1" of thread is showing between the nut and the body.

Thread the Push-Lock stud into the Turnbuckle body until there is 1" of thread showing between the Turnbuckle body and the shoulder of the stud.

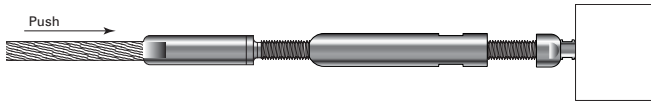


2. Mark the Push-Lock stud body at 1-3/16" from the cable entrance of the stud. Holding the fitting, pull the cable taut over the mark on the stud and transfer the mark to the cable. Cut cable at mark.

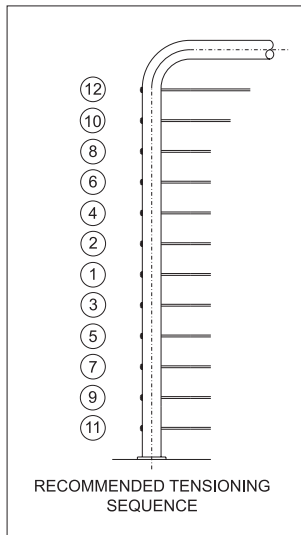


Push-Lock Turnbuckle (continued)

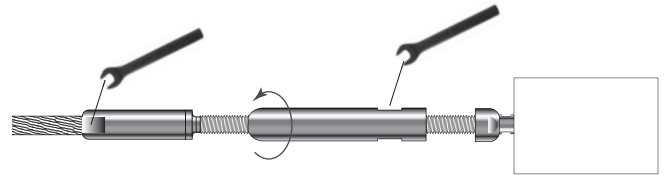
3. At Post A, detach the body from the machine thread jutting out of Post A to perform the next step.
4. At Post B, push the cable into the hole in the stud as far as it will go (approximately 1-1/16"). Twist the cable clockwise as you push in the fitting. You will feel it slide through the jaws inside the stud.



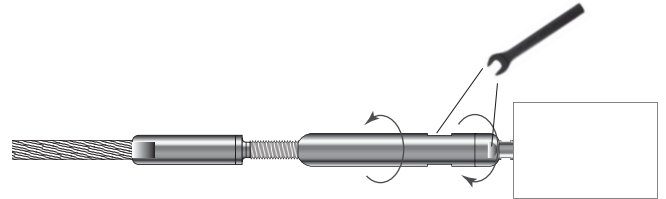
5. Reattach the tensioning device at the other end. Tension all cables in sequence, beginning with the center cables, moving up and down toward top and bottom. As you tension each cable, give it a sharp pull downward mid-span to help set the wedges, then re-tension as necessary in the same sequence.



6. Return to Post B and finish tensioning using the Turnbuckle. While preventing the Push-Lock stud from turning by holding it in place with a 3/8" open-end wrench (using wrench flat), turn the body of the Turnbuckle with a 7/16" wrench until the cable is suitably tensioned. Once tensioned, there may be 1/2"-3/4" of thread left showing on either side of the Turnbuckle body. Any remaining visible thread may be needed for future tightening.



7. Remove 3/8" wrench from the Push-Lock body. Using another 7/16" wrench to prevent the Turnbuckle body from rotating, tighten the nut against the body to lock adjustment.



8. Tension in sequence as in Step 5.