



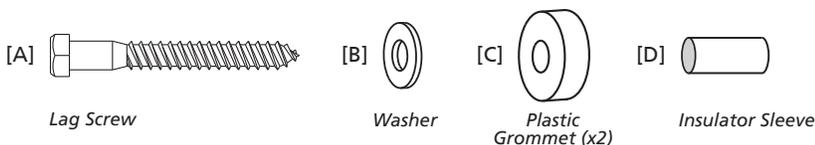
INSTALLATION INSTRUCTIONS

Two-Way Barrel Tensioner

for Non-Electric and Electric Fence Systems



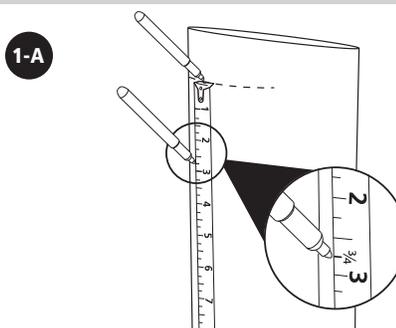
Hardware included:



Each Barrel Tensioner is capable of tensioning 660 ft. of straight rail, but you must deduct 100 ft. from that length for directional and elevation changes.

STEP ONE: Determining Barrel Tensioner Locations

1. Pilot holes must be drilled first. Mark the desired height of the fence rail onto the post as shown in **Illustration 1-A**.
2. Measure down 2.75 inches from the first mark and make a second mark onto the post as shown in **Illustration 1-A**. This mark is where the first pilot hole will be drilled. For additional Barrel Tensioners, use the same spacing that was used when installing fence line post brackets.



STEP TWO: Attaching Barrel Tensioner to Post

1. Using a 3/8" drill bit, drill pilot holes for all Barrel Tensioners.
2. Attach the Two-Way Barrel Tensioner using the supplied lag screw [A], washer [B], plastic grommets [C] and insulator sleeve [D] in the order shown in **Illustration 2-B**. ISO Pad required for Hot Rail® Electric Fence System.

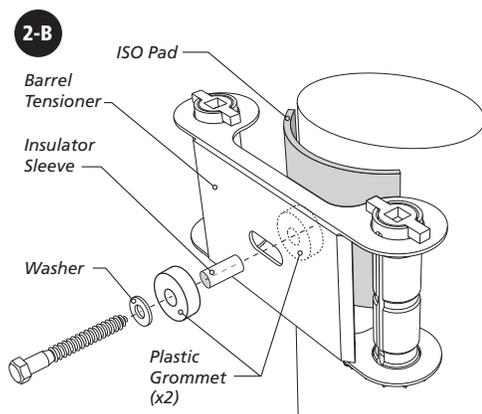
barrel tensioner, helping to shield the lag screw from energized tensioner hardware. **Illustration 2-C**.

NOTE: The barrel tensioner sits between the two grommet pieces as called out in **Illustration 2-C**.

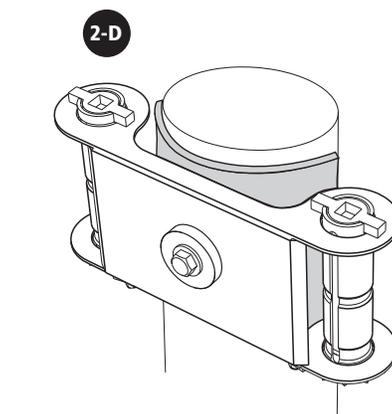
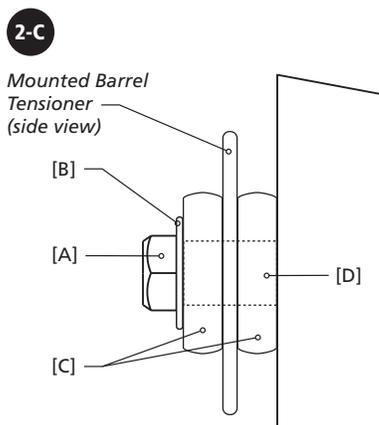
3. The Two-Way Barrel Tensioner should be mounted as shown in **Illustration 2-D**, making sure the locking block is facing down toward the ground.

The insulator sleeve sits within the plastic grommets that mount flush to the front and back of the

NOTE: DO NOT over-tighten lag screw. Over-tightening may cause damage to the insulated components.



Two-Way Barrel Tensioner with ISO Pad (shaded gray) shown on Hot Rail® Electric Fence System



Two-Way Barrel Tensioner with ISO Pad (shaded gray) required for Hot Rail® Electric Fence System

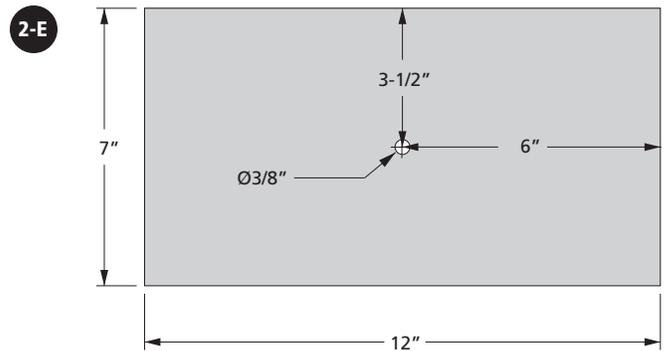


Two-Way Barrel Tensioners for Hot Rail®

Since Hot Rail® is electrified, the tensioners must be insulated from the post. Two-Way Barrel Tensioners must be insulated with an ISO Pad, supplied by Centaur® (sold separately). ISO Pads are sold in lengths measuring 7" W x 48" L.

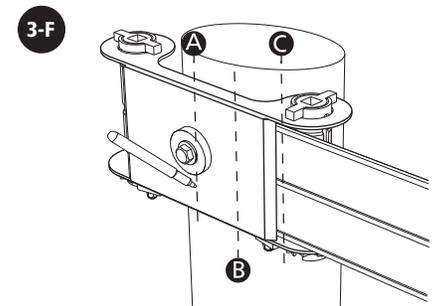
Prior to installation the ISO Pad (sold separately) must be cut to size (7" W x 12" L) for each Two-Way Barrel Tensioner.

Mark the center point by measuring 3-1/2" from the top edge and 6" from the side. Then, drill a pilot hole using 3/8" drill bit. This helps to ease the lag screw through the ISO Pad when installed between the Barrel Tensioner and the post. **Illustration 2-E.**



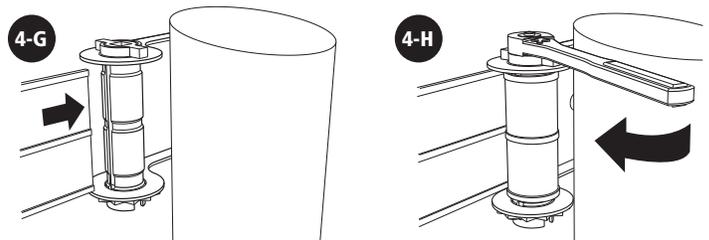
STEP THREE: Mark and Cut Rail

1. Hold rail up to Barrel Tensioner and mark the rail as shown in **Illustration 3-F**. If the fence you are tensioning is less than 200' long, then mark the fence at **line A** (right next to the lag screw). Mark it at **line B** (halfway between the lag screw and the edge of the tensioner) if the fence is 200' - 450' long. Mark the fence at **line C** (even with the edge of the tensioner) if the fence is 450' - 660' long.
2. Once the rail is marked, cut the polymer using a straight edge to ensure the end of the rail will be square. Cut the excess wire off using wire cutters.



STEP FOUR: Tensioning Rail

1. Insert end of rail into slot on barrel as shown in **Illustration 4-G**. Next, insert a 1/2" drive ratchet into the square hole on the end of the barrel. Begin turning the barrel to wrap the rail around it as shown in **Illustration 4-H**. Use the square locking block on the bottom of the barrel to prevent the rail from uncoiling as it is tensioned.



IMPORTANT: When tensioning a Two-Way Barrel Tensioner, be sure to apply tension in small increments to both sides to avoid causing the post to lean or break off. See **Illustration 4-I**.

2. Continue to coil rail onto barrels until the rail is satisfactorily tight. DO NOT over-tighten the rail, as this will reduce the flexibility of your Centaur® fence.

Photo 4-J shows a mounted Two-Way Barrel Tensioner with non-electric fence. ISO Pad is required for Electric Hot Rail® Two-Way Barrel Tensioner installation.

