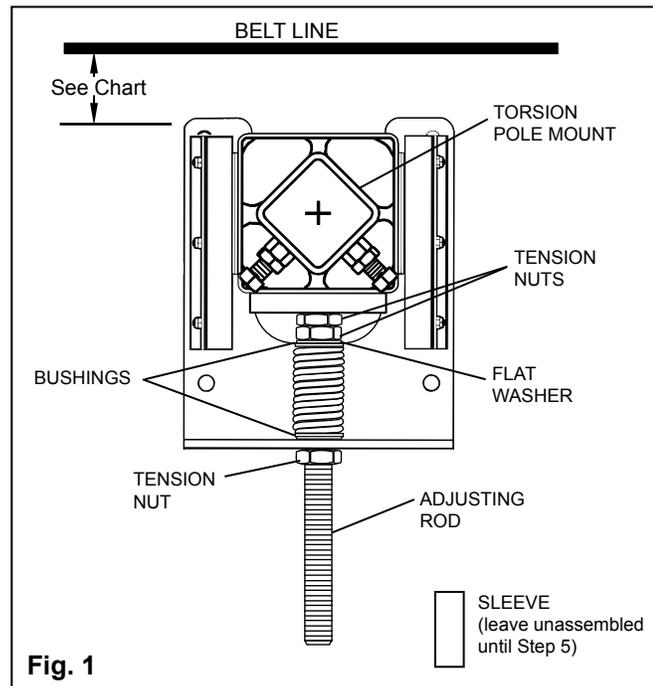


SST TENSIONERS for Secondary Cleaners

PUSH-UP TENSIONING OPTION

INSTALLATION INSTRUCTIONS



1. Reconfigure the standard pull-up tensioner to the push-up style.

- Remove the 3 tension nuts, the flat washer, 2 bushings, the spring, and the sleeve and reassemble (Fig. 1) with 2 tension nuts, the spring bushings and flat washer on the upper end of the adjusting rod. Be sure the 2 tension nuts are tight against the torsion pole mount. The sleeve should be set aside to be used in Step 5.
- Thread one tension nut on the bottom end of the adjusting rod and tighten until the spring is completely compressed.

- #### 2. Install the tensioner mounting bases.
- Mount the bases to the structure or chute so that the tops of the base legs are the correct distance below the belt. See the chart and Fig. 1.

DISTANCE FROM BELT TO TOP OF BRACKET

TENSIONER	MSS CLEANER	MHS CLEANER
SST	2-1/2"	3-1/2"

- #### 3. Install the cleaner pole and set the blade angle.
- Follow the installation steps from the cleaner instructions included in the packet. Note: be sure the lock bolts on the torsion pole mount have been securely tightened to lock the pole in place before moving to Step 4.

4. **Set the blade tension.** Remove the bottom tension nut from the adjusting rod. Turn the 2 upper tension nuts until the spring is compressed to the length shown on the Spring Length Chart below (note: select the correct chart for the type of cleaner being installed). Tighten the 2 tension nuts together to prevent loosening.

MSS SST SPRING LENGTH CHART

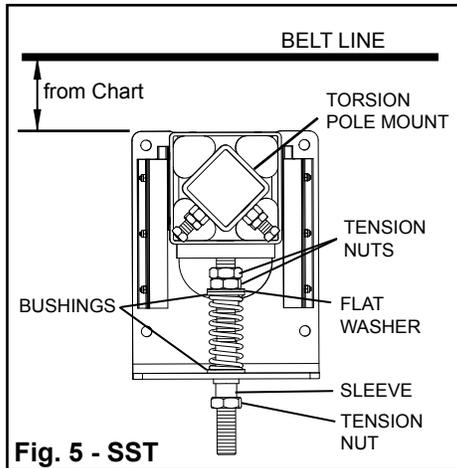
BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING
18"	3 1/2"	4 1/8"	N/A
24"	3 1/4"	4"	N/A
30"	3"	3 7/8"	N/A
36"	N/A	3 7/8"	4"
42"	N/A	3 3/4"	3 7/8"
48"	N/A	3 5/8"	3 3/4"
54"	N/A	3 1/2"	3 3/4"
60"	N/A	3 3/8"	3 5/8"
72"	N/A	N/A	3 1/2"
84"	N/A	N/A	3 3/8"

MHS SST SPRING LENGTH CHART

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING
18"	3 3/8"	4"	N/A
24"	3 1/8"	3 7/8"	N/A
30"	2 7/8"	3 3/4"	N/A
36"	N/A	3 3/4"	3 7/8"
42"	N/A	3 5/8"	3 3/4"
48"	N/A	3 1/2"	3 5/8"
54"	N/A	3 3/8"	3 5/8"
60"	N/A	3 1/4"	3 1/2"
72"	N/A	N/A	3 3/8"
84"	N/A	N/A	3 1/8"

Shading indicates preferred spring option. NOTE: Measure from the top of the flat washer to the mounting base to determine spring length.

5. **Replace the sleeve.** Position the sleeve over the adjusting rod and turn it until it is in the middle of the bushing. Replace the bottom tension nut and tighten until it locks the sleeve in place (Fig. 5).



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