

Eliminator[®] Belt Cleaning Systems

U-Type[®] Optional J-Bolt Tensioner Kit

Instructions for Installation

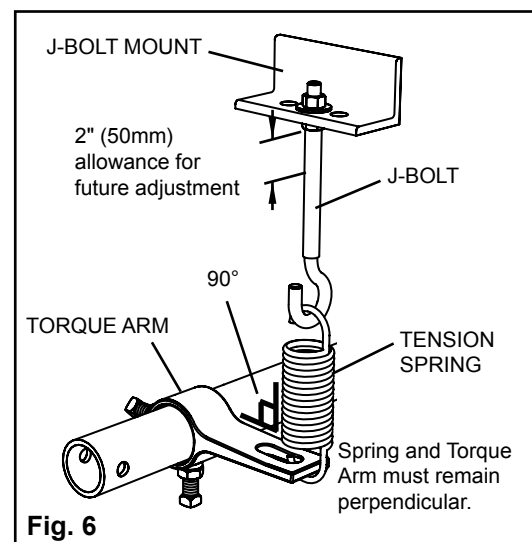
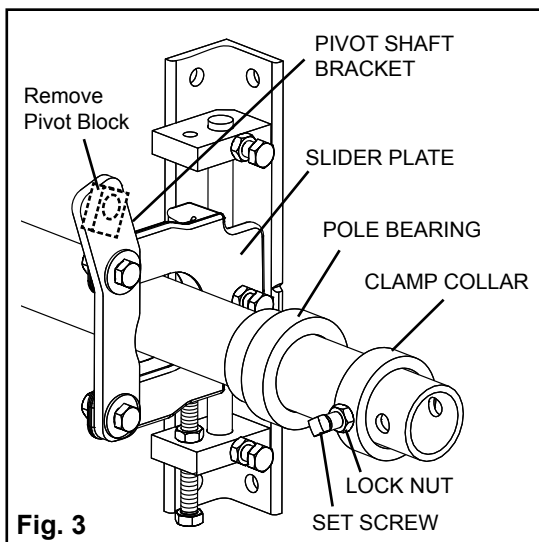
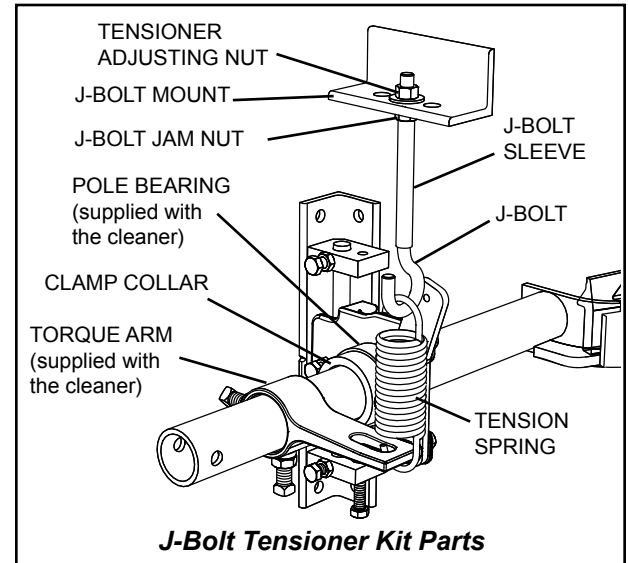
BEFORE YOU BEGIN:

- **PHYSICALLY LOCK OUT AND TAG THE CONVEYOR AT THE POWER SOURCE.**

STEPS 1 & 2. Complete per U-Type Cleaner instructions.

STEP 3. Install the cleaner pole into the slider plates in both mounting brackets.

- Remove the pivot blocks from both pivot shaft brackets. Attach the pivot shaft bracket on one slider plate and insert one pole bearing with the flange facing away from the belt (Fig. 3).
- Slide the pole through the pole bearing, slide a clamp collar onto the pole, then position the other end into the other slider plate.
- Attach the remaining pivot shaft bracket (pivot block removed) to the second slider plate. Slide the second pole bearing onto the pole with the flange facing away from the belt and press it into the slider plate. Slide the other clamp collar onto the pole.
- Center the blade in relation to the belt and tighten the set screws and lock nuts on both clamp collars.



Omit Step 4 and complete STEP 5 of U-Type Cleaner instructions.

STEP 6. Mount the tensioning system. Use a screwdriver or small rod in the holes on the end of the pole to rotate the blade up to the belt periodically and check adjustment.

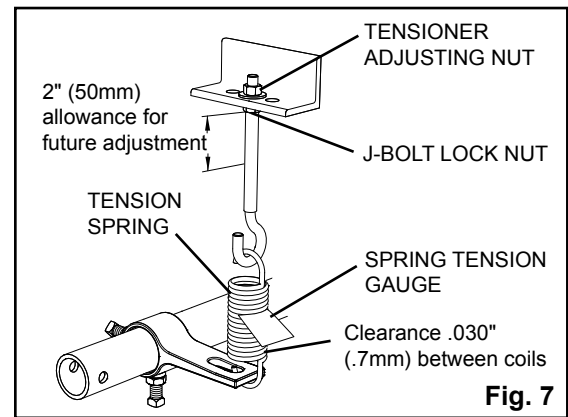
- Slide one torque arm (supplied with cleaner) onto the pole end (Fig. 6).
- Assemble the tension spring and the J-Bolt mount to the torque arm. Locate the position for the J-Bolt mount. The J-Bolt mount can be mounted in any position (360°) around the pole. The only requirement is that the J-Bolt and spring remain perpendicular to the torque arm (Fig. 6).

IMPORTANT: Leave at least 2" (50mm) of upward movement allowance on the J-Bolt end for future adjustment.

- Weld or bolt the J-Bolt mount into position.
- Using a screwdriver or small rod, again rotate the the cleaner blade upward until it is touching the belt.
- With the blade touching the belt, tighten the torque arm set screws and lock nuts to secure the position on the pole.
- Repeat steps 6a thru 6c on opposite end of the pole, then tighten set screws and lock nuts on that torque arm.

STEP 7. Set the spring tension.

- a. Loosen the J-Bolt lock nuts and turn the tensioner adjusting nuts until both springs have a clearance of about .030" between all coils (use Spring Tension Gauge included in the J-Bolt Kit instruction packet.) (Fig. 7). **IMPORTANT:** Always be sure there is uniform contact between the blade and the belt.
- b. If the blade is not in full contact with the belt at the edges and the center, either raise or lower the pole position of the cleaner and reapply the tension.



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