

Telescopic Tube Take-up



Read and understand equipment operators manual before operating or performing maintenance. Failure to do so could result in serious injury or death.

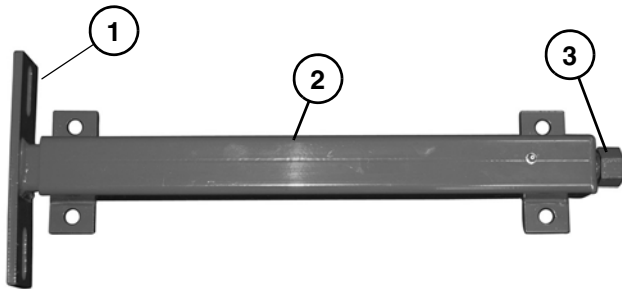
⚠ WARNING

Heed to the following warnings. Failure to do so could result in death or serious injury.

- Lockout/Tagout/Blockout before performing maintenance or installation.
- Take-ups must be mounted level to frame of conveyor and equally to each other.

Overview

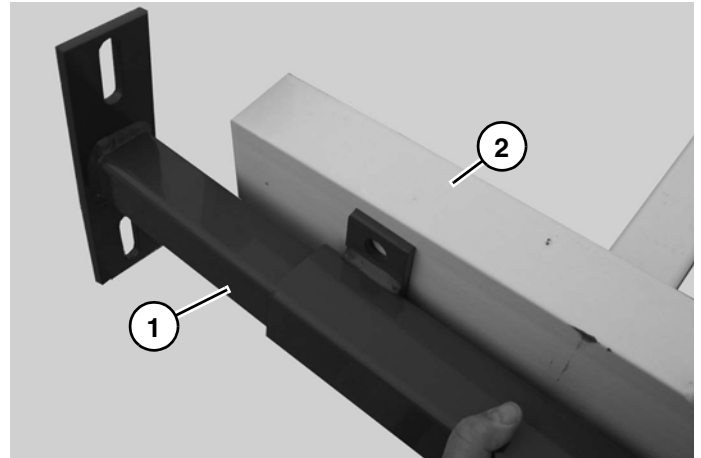
Figure 1



1. Bearing Plate
2. Take-up Frame
3. Take-up Adjustment Bolt

Installation

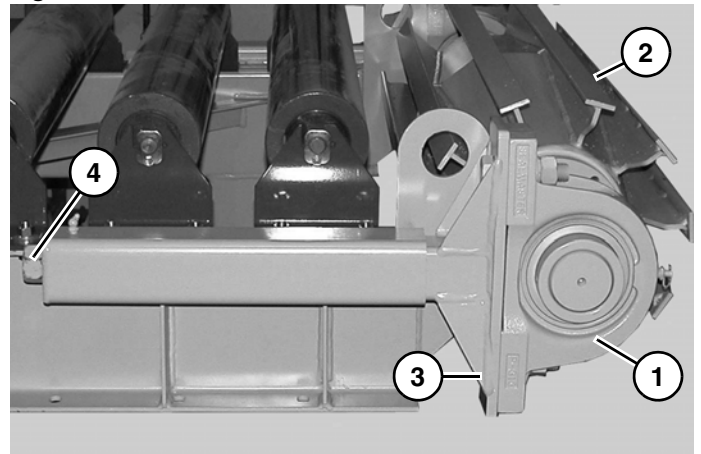
Figure 2



1. Determine correct position for take-up frame (1) on conveyor (2). (Figure 2)
2. If take-up is a bolt-on style, drill holes and mount take-up frame to conveyor with supplied bolts. Otherwise weld take-up to frame of conveyor.
3. Repeat steps 1 and 2 for take-up on opposite side.

Note: Take-ups must be mounted level to frame of conveyor and equal to each other.

Figure 3



4. Mount bearings (1) and pulley (2) onto bearing plate (3). (Figure 3)
5. Using adjustment bolt (4) (Figure 3) equally adjust take-ups to tighten belt.

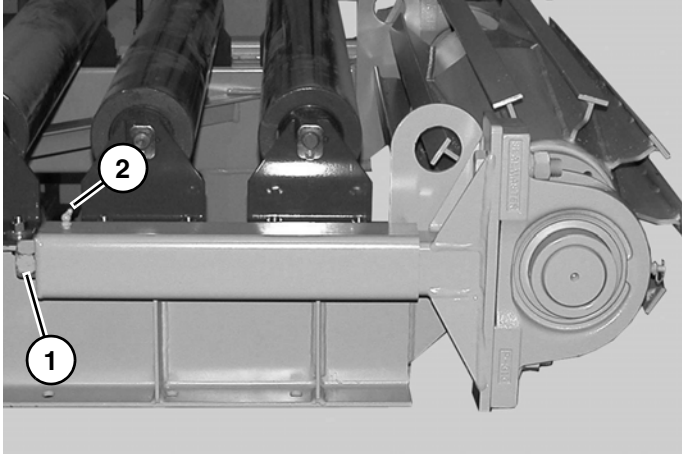
Superior Industries does not recommend training belt by unequal adjustment of take-ups. Take-ups should only be used for tensioning belt and keeping tail pulley square with conveyor frame.

Bearing Size Range

Series	Bearing Range
TUTT-100	1/2" TO 1"
TUTT-200	3/4" TO 1-3/4"
TUTT-300	1-3/4" TO 2-15/16"
TUTT-350	1-3/4" TO 2-15/16"
TUTT-400	2-7/16" TO 3-1/2"

Maintenance

Figure 4



Adjustment rod (1) (Figure 4) should be lubricated whenever any adjustments to take-up are made.

Grease fitting (2) (Figure 4) with #2 all purpose grease.