

# Wide Slot Take-up



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

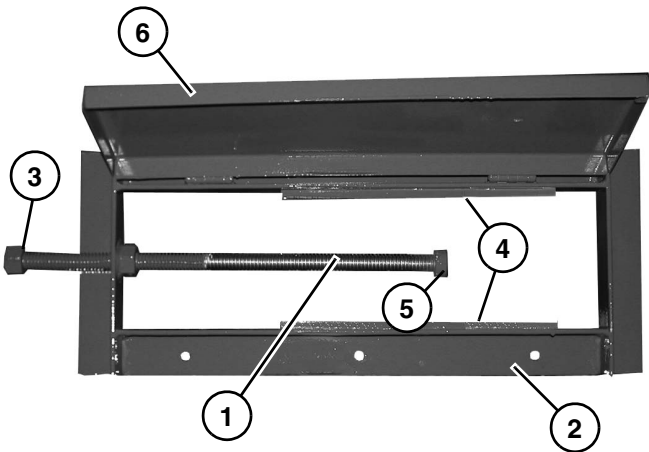
## ⚠ WARNING

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

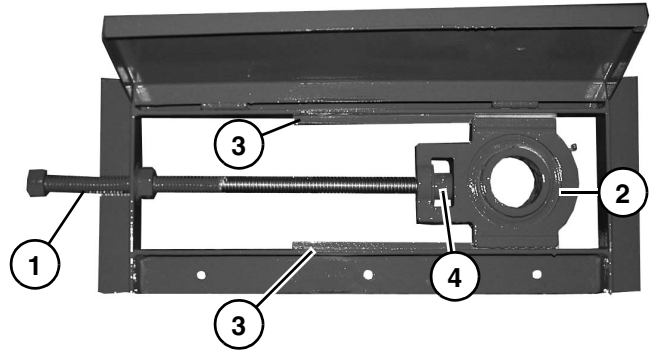
Figure 1



1. Bearing Rod
2. Take-up Frame
3. Take-up Adjustment Bolt
4. Bearing Guides
5. Keeper and Roll Pin
6. Take-up Guard

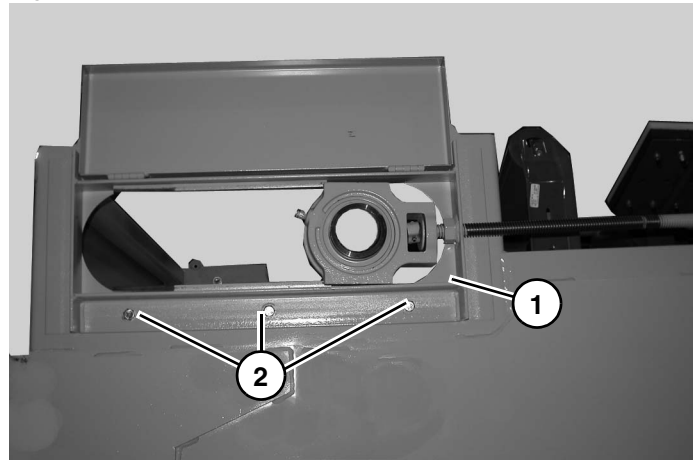
## Installation

Figure 2



1. Slide bearing rod (1) out and insert bearing (2) into take-up on bearing guides (3). (Figure 2)
2. Screw bearing rod (1) into bearing (2). (Figure 2)
3. Insert keeper and roll pin (4) (Figure 2).

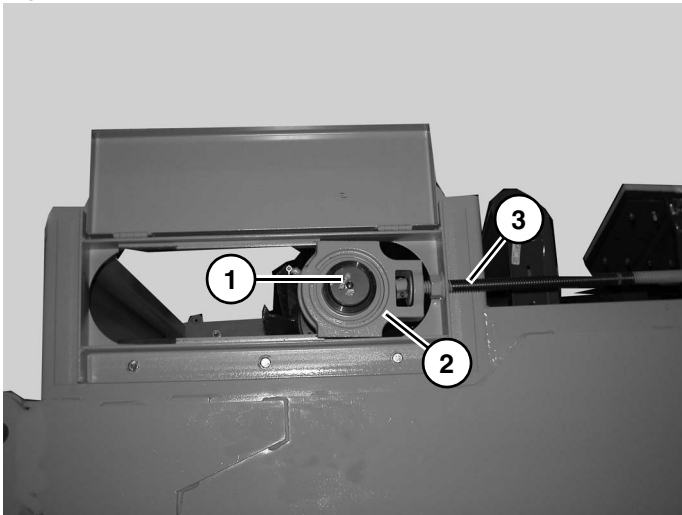
Figure 3



4. Determine correct position for take-up frame (1) (Figure 3) on conveyor.
5. If take-up is a bolt-on style, drill holes and mount take-up frame to conveyor with supplied bolts (2) (Figure 3). Otherwise weld take-up to frame of conveyor.
6. Repeat steps 1-5 for take-up on opposite side.

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

**Figure 4**



7. Mount pulley and shaft (1) into bearings (2) on both sides. (Figure 4)
8. Using adjustment rod (3) (Figure 4) 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.

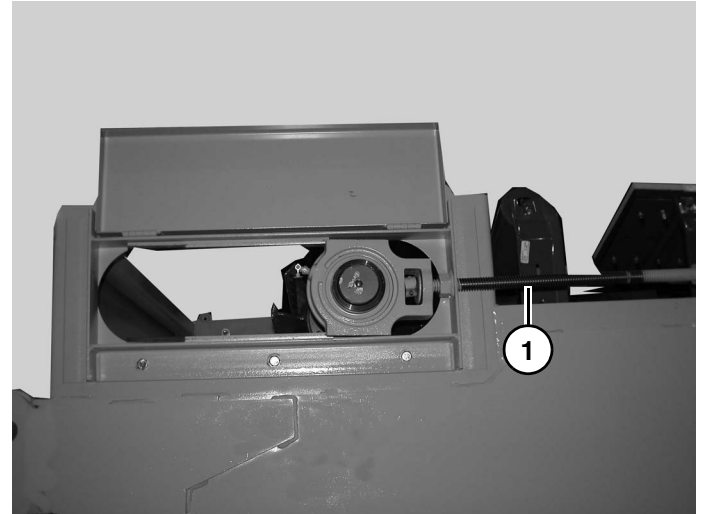
**Bearing Size Range**

Series	Bearing-Dodge SC or Sealmaster ST
TUWS-100	1/2" to 1"
TUWS-150	1-1/16" to 1-7/16"
TUWS-200	1-1/2" to 2"
TUWS-250	2-3/16" to 2-7/16"
TUWS-300	2-15/16"

Series	Bearing-Dodge SCM or Sealmaster MST
TUWS-150	1" to 1-1/4"
TUWS-200	1-7/16" to 1-3/4"
TUWS-250	1-15/16" to 2-1/4"
TUWS-300	2-7/16" to 2-11/16"
TUWS-350	2-15/16" to 3"

**Maintenance**

**Figure 5**



Adjustment rod (1) (Figure 5) should be lubricated whenever any adjustments to take-up are made. Grease with #2 all purpose grease.