

# IS300 MAINTENANCE GUIDE

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**CAUTION**



When used improperly, the conveyor rollers can pinch or maim

**CAUTION**



Lock out power before servicing the conveyor.

**DANGER**



Climbing, sitting, walking, or riding on the conveyor at any time could result in severe injury or death. **KEEP OFF.**

**WARNING**



Servicing equipment that is moving or energized can cause severe injury. **LOCK OUT POWER** prior to performing maintenance.

▷ Belt Cleaning

Belts can usually be cleaned with general household cleaners; however some cleaners (that contain alcohols, acetone, MEK, chlorinated solvents, etc.) may attack belts.

⚠ *Never hose off the bearings or use solvents in these areas as this may significantly reduce bearing life.*

▷ Physically Damaged Belts

Worn edges do not hurt the conveyor's operation; however, the cause of the edge wear should be determined. Scoring lines in the belt's surface could be due to product collecting between the frame's underside flange and the belt. Accessories, such as adjustable guides or bottom mounts could be improperly positioned and in contact with the belt.

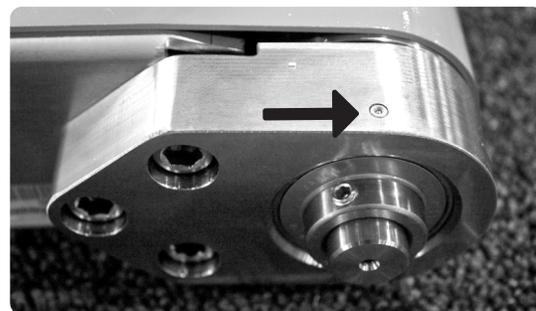
▷ Bearing Maintenance

 **Warning: Lock out power**  
Before removing guards or performing maintenance lock out power. Exposed moving parts can cause serious injury.

Although bearings are sealed, re-greasing is recommended (to increase bearing life). Citgo Mystik HT-FG2 (25-35% full of bearing's chamber) grease is recommended. The frequency of bearing re-greasing is dependent upon the application in which the conveyor is being used.

Each bearing can be lubricated at the grease fitting located on the bearing housing for the drive bearing assembly (top right) or at the tail end of the pulley (bottom right).

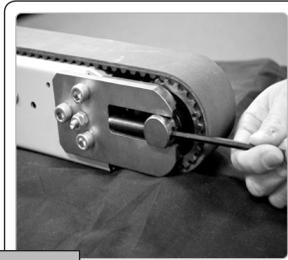
📅 *Average period for re-greasing bearings for standard applications is 6 months. Depending on the nature of the application, the period can vary.*



QC Conveyors recommends stocking at least one replacement belt for every conveyor ordered. This will minimize downtime and ensure optimum performance for your particular application. Conveyor must be removed from stands, mounting brackets, or any other mounting apparatus before beginning the following steps.



**1** Remove the black plastic covers from the tail pulley assembly. Use a 7/16" wrench to remove nuts and slide black cover off. Repeat for both sides.



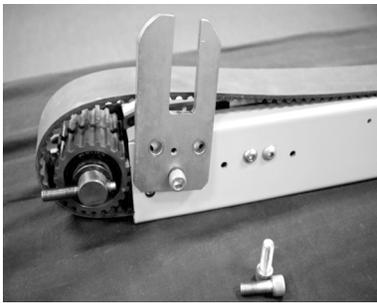
**2** Using a 3/16" Allen Wrench, rotate the two 3/8-24 Socket Head Set Screws counter-clockwise to move the tail pulley toward the conveyor frame.



**3** Make sure tension on the belt has been relieved.



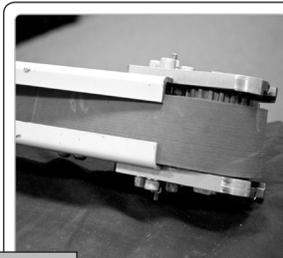
**4** Remove the belt by sliding it over the tail pulley and bracket. Next slide the belt out of the flange on the underside of the frame and off the conveyor.  
*Note: Use extreme caution when removing the belt, the tail pulley assembly can slide out of the brackets.*



Wider Frames: Rotating the Tail Assembly Bracket to Remove Belt ◀

For wider conveyors it might be necessary to rotate a tail assembly bracket on one side of the conveyor. Using a 7/16" Wrench, remove the jam nuts and stud located in the center of the bolt pattern. Using a 5/16" Allen Wrench, remove the top and bottom Socket Head Cap Screw and loosen the middle one. Slide the bracket outward to clear it of the tail pulley assembly and frame. Then twist bracket out of the way.

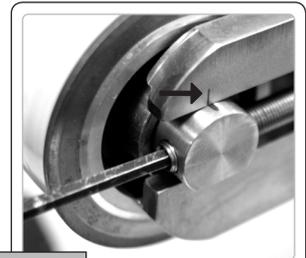
Installing New Belt ◀



**1** Start by sliding the belt over the drive pulley of conveyor, then over the tail pulley. Next slide the belt into the C-Flange on the underside of the frame. Do this down the entire conveyor length.



**2** Using a 3/16" Allen Wrench, rotate the two 3/8-24 Socket Head Set Screws clockwise to move the tail pulley back away from the conveyor frame. If tail assembly bracket was removed earlier (for wider conveyors), reinstall the bracket, jam nuts and stud first.



**3** Rotate the 3/8-24 Socket Head Set Screws until the lines meet up on the tail pulley and bracket. Do this for both sides to apply the proper tension.

SERVICE RECORD

Date of Installation

Serial Number ◀

\_\_\_\_\_

\_\_\_\_\_

**Date** **Service Performed**


Date of Installation

Serial Number ◀

\_\_\_\_\_

\_\_\_\_\_

**Date** **Service Performed**
