

Maintenance Tips – Tightening Drive Chain on B.P. 360° Rotary Livestock Containment Chute



This instruction sheet provides specific details on the roller chain and itemized steps for adjusting the tension of the drive chain on your Shank's® B.P. 360° Rotary Livestock Containment Chute (“Chute”).

Chain Information

The Chute roll functions are guided by an industrial roller chain that is an integral part of the Chute. Due to the high number of moving parts on the Chute, the chain tension can get out of proper adjustment. It is important that the chain be maintained at a correct tension to assure proper operation and function of the Chute.

Frequency of adjustment

The chain tension should be **inspected at least two times a year**. The chain tension can be adjusted after inspection.

When adjustment is required

After inspection, if the chain has slack in it (when visually looking at where the chain threads over the sprocket, adjacent to the worm gear reducer at the top of the main rings) then adjustment is required.

Tension adjustment steps

1. Using an allen wrench, loosen the jamb nut on the top side of the threaded rod connected to the worm gear reducer. See Figure 1.
2. Make the adjustment at the bottom of the threaded rod and adjust chain up to tighten, and remove slack from chain.
3. Only adjust chain enough to remove slack . Do not overtighten.
4. Retighten jamb nut.

Call toll free (800-236-1514) with any questions.



Figure 1