

A lower adjustment is required on the clean grain elevator to adjust chain tension. The top elevator shaft will be set to a fixed position, as described in the base kit installation instructions. The kit includes:

- **750252** Lower Adjuster Assembly (Qty. 1)
- **750256** Hardware Kit (Qty. 1)

Step 1

To remove the bottom bearing from the clean grain auger shaft start by removing the lock collar and outer flange. Remove the bearing using a bearing puller.



Figure 1

Before Proceeding with the Installation, Conduct the Following Inspections:

Sprocket Wear: Check the bottom elevator sprocket for wear. It is recommended that you install a new sprocket for any used elevator.

Middle Divider Plate: At the bottom of the elevator verify there is no damage to the divider plate. Repair or replace if necessary.

Bearing: Inspect bearings. Rotate to check for catches, check for play in the bearing. Replace if necessary.

Step 2

Remove the boot side cover from bottom of elevator by removing the bolts.

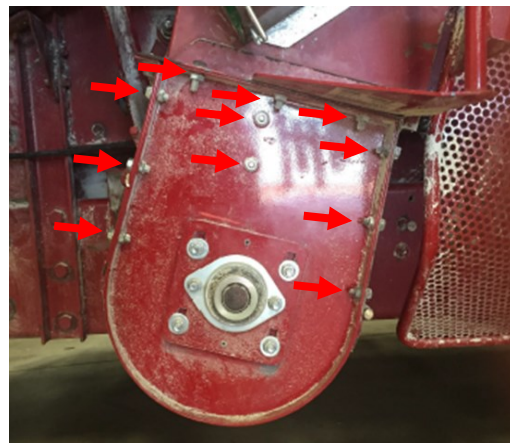


Figure 2

Step 3

To provide the proper clearance for the lower adjuster, it will be necessary to bend the bottom lip of center divider inside elevator up 20 to 30 degrees.

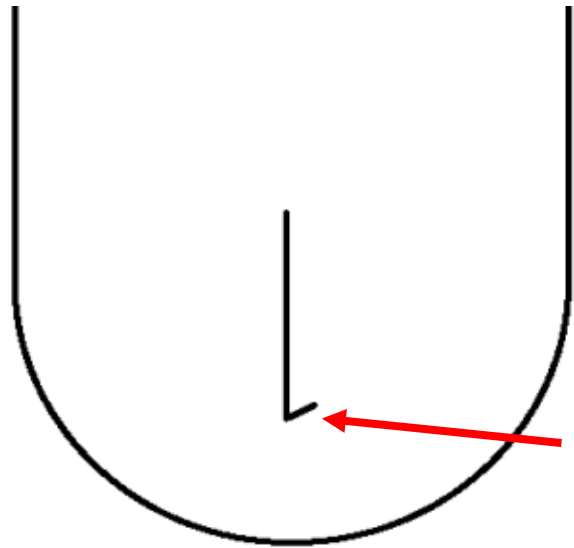


Figure 3

Step 4: Once the lower boot side cover is removed, loosen and remove the two nuts using a 9/16" wrench holding the bearing plate onto the boot side cover. Remove the square plate.



Figure 4a



Figure 4b

Step 5: Next install the provided template onto the two studs. Tighten the two nuts back onto the bolts.



Figure 5a



Figure 5b

Step 6: Using the plate as a guide drill out the four holes with a 13/32" drill bit . Loosen nuts and remove plate.

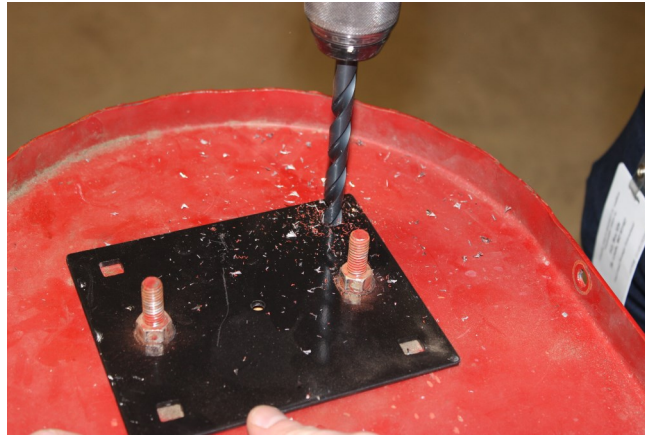


Figure 6

Step 7: Use the provided file to square the four holes. Use the provided M10 carriage bolts to check your hole size.



Figure 7a



Figure 7b

Step 8: Cut off the two studs, and grind them down until the surface is smooth.



Figure 8a



Figure 8b

Step 9: Install the provided four carriage bolts and plate on the front side of the boot cover.

Outside of Cover



Figure 9a

Inside of Cover



Figure 9b

Step 10: Using the hole from the template as a pilot for a 2 1/2" hole saw, increasing the size of the hole on the elevator side boot.



Figure 10a



Figure 10b

Step 11: Remove the drill template, and install the provided adjustment plate with the four bolts, washer, lock washer then nut. Leave the (4) bolts loose as you will later need to adjust for desired chain tension.



Figure 11

Step 12: Reinstall the boot side cover onto the bottom of the elevator.

Step 13: Install the inside flange, bearing, outer flange and the lock collar on the two studs. Then tighten the two nuts on the studs down. Next tighten the lock collar back onto the bearing.



Figure 13

Note: Refer to install guide for chain tensioning requirements.