

How To Change a Screw Shaft in a Horizontal Manure Auger



Before performing maintenance on a horizontal manure auger, be sure to read and follow the Installation, Operation and Maintenance Manual. Follow the appropriate lockout/tagout/blockout procedures, and read and follow all safety tags. Failure to do so could result in injury or death.



WHAT YOU WILL NEED:

- A wrench and socket set containing the following sizes: 1-1/8" and 3/4"
- Two securing straps for lifting the screw shaft
- A forklift or skid-steer
- Replacement screw shaft

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- STEP 1** Switch off the power to the horizontal manure auger, and lock the switch in the off position to ensure no power can get to the machine while replacing the bearing.
 - STEP 2** Remove the grate cover to access the screw shaft.
 - STEP 3** Secure the screw shaft to a forklift or skid-steer.
 - STEP 4** Remove the coupling bolts from both ends of the screw shaft.
 - STEP 5** Using the 1-1/8" wrench, unbolt and remove the quick-disconnect caps from both ends of the screw shaft.
 - STEP 6** Manually rotate the screw shaft so the gaps left by the quick-disconnect caps are facing down.
 - STEP 7** Using the forklift or skid-steer, lift the screw shaft out of the trough and set it down out of the way.
 - STEP 8** Secure the replacement screw shaft to the forklift or skid-steer.
 - STEP 9** Lower the replacement screw shaft into the trough so it rests on the coupling shafts.
 - STEP 10** Manually rotate the screw shaft so the gaps left by the quick-disconnect caps are easily accessible.
 - STEP 11** Replace the quick-disconnect caps and all coupling bolts, torquing to recommended specifications.
 - STEP 12** Remove the securing straps from the screw shaft and forklift or skid-steer.
 - STEP 13** Replace the grate cover.
 - STEP 14** Remove the lock from the power switch, and restore power to the auger.