

How To Replace a Body Bar Pair



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: 15/16” and 3/4”
- Spanning material (wood or pipe)
- Two straps to support the screw shaft
- Wooden support blocks
- Replacement screw shaft

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 Support the screw shaft by laying wood or pipe across the trench, one piece close to each side of the bearing you are replacing, and strapping the screw shaft to the wood or pipe.

STEP 4 Insert support blocks under each screw shaft on either side of the bearing you are replacing.

STEP 5 Using the 15/16” wrench, unbolt the body bars from each other, and remove one-half of the body bar pair.

STEP 6 Using the 3/4” wrench, unbolt the body bars from the top plate.

STEP 7 Remove the body bar pair.

STEP 8 Insert a new body bar pair around the bearing.

STEP 9 Using the 3/4” wrench, bolt the body bars to the top plate.

STEP 10 Using the 15/16” wrench, bolt the body bars together.

STEP 11 Remove the screw shaft supports

STEP 12 Replace the grate cover.

STEP 13 Remove the lock from the power switch, and restore power to the auger.