

AUGER SHAFT ASSEMBLY 3-50-00465

INSTALL INSTRUCTIONS

Replaces MPNs: 3-50-00465, 3-50-00365

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
 - Ensure there are no pellets in the hopper assembly
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Installation Steps

1. Unplug your stove.
2. Ensure there are no pellets in the hopper.
3. Gain access to the rear of the stove.
4. Remove the rear access panel.
5. Remove the auger motor.
 - If your stove has a chain driven feed system, the chain will first need to be removed by loosening the white tensioner block from under the chain to create slack and removing the left-side sprocket from the feed motor by loosening the 1/8" allen key screw in the hub of the drive sprocket.
 - If you have direct drive (motor attached directly to the auger shaft), locate the 7/16" motor set screw on the roller cam assembly and loosen it. Disconnect the wires from the motor to the wiring harness and pull on the auger motor. The motor will uninstall with the mounting frame attached to the motor, set this aside for now.
6. Open the fines collection box access door and remove it.

7. Lift on the feed plate pusher arm to extend the feed plate out of the feeder body weldment and remove the feed plate.
 - Sometimes the crossover hose may restrict the full motion of the pusher arm. If so, gently push the hose out of the way so that the pusher arm can be rotated up and fully to the left
 8. Locate the two 1/2" hex screws on the mounting ring that hold the auger shaft into the feeder weldment. remove these two screws, then remove the mounting ring.
 - Different models have different ways in which these mounting screws fasten to the weldment. If nuts or threaded couplers are used, locate them and set them aside, they will be needed to secure the mounting ring again.
 9. Pull the auger shaft from the feeder body. If the auger shaft is difficult to pull out, the shaft can be freed by striking the auger itself with a wooden dowel from inside the firebox. This will break the seal and allow the auger to come out freely.
 10. Install your auger shaft. Secure the mounting ring back into the stove and tighten the two hex screws to a uniformed torque (equal tightness)
 11. Reinstall the feed plate and drop the pusher arm down.
 12. Reinstall the cam set screw assembly on the auger shaft (with the secondary sprocket attached if your stove has a chain drive assembly).
 13. Reinstall the auger motor or sprocket assembly and connect to the auger shaft with the 7/16" set screw.
 - Reinstall the drive sprocket and chain if you have a chain drive system and adjust the chain tensioner
 14. Reinstall the rear access panel.
 15. Plug in the stove.
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Post-Installation Check

- Verify all connections are secure
 - Ensure all wiring is not in proximity of moving parts
 - Test motor operation before closing panels
 - Check for any unusual noises or vibrations
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Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our [contact form](#).