

AUGER/AGITATOR MOTOR 80488

INSTALL INSTRUCTIONS

Replaces MPNs: 80488, 80457

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
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Installation Steps

Auger Motor Replacement:

1. Disconnect Power

Unplug the stove from the power outlet.

2. Access the Unit

- Using a wrench or socket remove the screws/bolts attaching the rear access panel to the stove.
- Carefully remove the access panel and set it aside.

3. Disconnect Wiring

Unplug the wiring leads from the wiring harness from the auger motor's wiring terminals.

4. Remove Old Auger Motor

- Pull the auger motor and auger shaft from the pellet feed assembly and out of the stove.
- Using a pair of pliers, remove the retainer pin that attaches the auger motor to the auger shaft (This should release the auger motor).

- On some motors, a set screw will need to be removed.
- Remove the auger shaft from the old motor.

5. Install New Auger Motor

- Attach the auger shaft to the new motor using the removed retainer pin/set screw to fasten the auger shaft to the motor's driving rod.
- Insert and position the motor assembly onto the feed assembly in the unit.

6. Connect Wiring

- Connect the wiring leads from the wiring harness to the new motor's wiring terminals.
- The motor wiring terminals are non-polarized, so either wire can connect to either terminal.

7. Final assembly

Install the rear access panel onto the stove with the mounting hardware removed prior.

8. Power Connection

Plug the stove into the power outlet to test.

Agitator Motor Replacement:

1. Disconnect Power

Unplug the stove from the power outlet.

2. Access the Unit

- Using a wrench or socket remove the screws/bolts attaching the side access panel to the stove.
- Carefully set the side panel away from the unit.

3. Disconnect Wiring

While supporting the panel, disconnect the wires from the control board.

Tip: You can take a photo of the wiring connections as a reference for later.

4. Remove Old Agitator Motor

- Using a wrench loosen and remove the 4 screws/bolts holding the agitator motor in place.
- With an Allen wrench, loosen the two screws holding the gear to the agitator motor.
- Remove the gear from the agitator motor.
- Remove the wire leads connected to the agitator motor.
- Slide the old agitator motor out towards the back of the unit and remove.

5. Install New Agitator Motor

- Connect the wiring leads from the wiring harness to the new motor's wiring terminals.
- The motor wiring terminals are non-polarized, so either wire can connect to either terminal.
- Slide the new motor into position on the assembly.
- Loosely hand thread the 4 previously removed bolts in place on the agitator motor, screws/bolts must be kept loose until the gear and chain have been reattached.
- Set the gear and chain into position on the new motor
- Tighten both set screws firmly on the gear.
- Adjust the motor so that there is slight tension on the chain.
- Tighten all 4 bolts/screws on the motor to finally secure the motor.

6. Connect Wiring

- Reposition the side panel next to the stove.
- Connect the previously removed wires to the control panel.
- Ensure all wires are reconnected to the proper terminals on the control board.

7. Final assembly

Install the side panel onto the stove with the mounting hardware removed prior.

8. Power Connection

Plug the stove into the power outlet to test.

Post-Installation Check

- Verify all connections are secure
 - 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.