

AUGER MOTOR 812-4421

INSTALLATION INSTRUCTIONS

Replaces MPNs: 812-4421, 7000-004, 812-4420, PH-4421, 12-1020

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

1. Disconnect Power

Unplug the stove from the power source

2. Access the Unit

- Remove the wiring access panel toward the rear of the unit to access the auger assembly.
- On some models, you may need to remove a heat shield or an auger motor cover after removing the wiring access panel.

Tip: you can mark the feed adjustment rod's position on the available auger motor cover to save having to re-set the feed rate on the new motor.

3. Disconnect Wiring

Unplug feed motor from wire harness, the connection might consist of either a single molex connector or 2 to 3 spade connectors.

4. Remove Old Feed Motor

- Remove the screws holding the mounting to the stove.
- Pull the auger motor assembly out of the stove.

- Remove the screws holding the auger motor assembly to the motor mount.
- Loosen the set screw on the auger to free the old motor from the auger shaft.
- Remove the old motor from the auger shaft.

5. Install New Feed Motor

- Slide the new motor into the auger shaft assembly,
- Tighten the set screw on the auger shaft to secure the motor to the shaft.
- Fasten the auger motor to the mounting bracket with screws. If the new motor includes the mounting bracket, use the included bracket to replace the old bracket.
- Insert the newly assembled feed assembly to the feed tube in the stove.
- Fasten the mounting bracket to the stove to secure the assembly.

6. Connect Wiring

- Plug the feed motor wiring leads into the wiring harness.
- If your existing motor uses a molex connector, hook up this replacement as usual. If your existing motor uses bare wires or wires with spade clips, follow these instructions:
- If your existing motor makes use of 2-wires, you will use the molex to wire connector supplied. Then, hook up the black (hot) and white (return) wires to your existing wiring. You can ignore the yellow wire.
- If your existing motor makes use of 3-wires, you will use the molex to wire connector supplied. Then hook up the black (hot) and white (return), the yellow wire should be hooked up to your remaining wire.

7. Final Assembly

- Install any heat shields or auger motor covers if removed prior.
- Install the wiring access panel to the stove.

8. Connect Power

Plug the stove's power cord to the power source 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.