

# FEED MOTOR SRV7000-670-AMP INSTALLATION INSTRUCTIONS

Replaces MPNs: KS-5010-1011, SRV7000-670

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## 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 all pellets are removed from the feed assembly
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## Installation Steps

### 1. Disconnect Power

Ensure the stove is completely turned off and unplug the stove.

### 2. Access the Unit

- Remove the right side panel of the stove.
- Remove the 4 screws holding the feed motor cover plate in place toward the rear of the stove.
- Remove the cover plate.

### 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 silicone from around the bushing end cap.
- Remove 2 screws retaining the end cap to the feed tube with a Philips head screwdriver.

- Lightly tap on the end cap, alternating side to side from inside the hopper to remove the feed assembly from the feed tube.
- Some models will have the motor attached to a mounting bracket, remove the screws to release the feed assembly before removal.
- With pliers, pull the pin out of the auger shaft to release the old motor.
- Remove the old motor from the auger shaft.

## **5. Install New Feed Motor**

- Slide the new motor into the auger shaft assembly,
- Secure the motor to the shaft with the pin removed prior.
- Install new feed assembly to the feed tube
- Ensuring that the top of the feed bushing is in place and the bushing end cap is symmetrical in the feed tube chamber prior to final tightening of the retaining screws.
- Fasten the mounting bracket to the feed tube with screws.
- Fasten the end cap to the feed tube with two screws.
- Seal the bushing end cap to the feed tube with silicone.

## **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 the feed motor cover plate to the feed motor with screws.
- Install the stove side access panel to the stove with screws.

## 8. Power Connection

Plug the unit to power source to test.

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### 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.