

AUGER MOTOR BRN100

INSTALLATION INSTRUCTIONS

Replaces MPNs: 554PLAGMTR30, PG0036, 081-3092-0, PG24-24, 900052, P402-0019-01, P401-0904-01, & More

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

Turn off and unplug your unit from the powersource

2. Access the Unit

- Remove the access panel from the hopper.
- The location of the hopper access panel may vary by model.

3. Disconnect Wiring

- Unplug the auger motor wiring connector from the control panel.
- You may need to carefully cut any zip-ties that hold the wiring together to free the auger motor wiring lead.
- On some units, you may need to unscrew and pull out the control board from the hopper for easier access to the wiring

4. Remove Old Auger Motor

- Free the auger motor assembly from the burner box assembly by removing the mounting screws.

- On some models, you may need to remove the hopper box from the burner assembly to gain easier access to the motor
- Remove the bushing screw that secures the auger to the auger tube in the burn box.
- Pull the auger assembly out from the auger tube and clear out any debris or sawdust.
- Remove the set screw located on the underside of the auger tube to release the auger from the auger motor.
- Remove the auger and bushing from the old auger motor.

5. Install New Auger Motor

- Install the auger and bushing to the new auger motor.
- Insert the newly assembled auger assembly into the auger tube in the burn box.
- Secure the auger to the auger tube using the bushing screw removed prior.
- Secure the motor to the burn box assembly with mounting screws.
- Install the hopper box to the burner assembly if removed prior.

6. Connect Wiring

- Plug the auger motor wiring connector into the control panel.
- Fasten the wiring together with zip-ties to avoid tangling.
- Install the control board to the hopper if removed prior.

7. Final Assembly

Install the hopper access panel to the hopper.

8. Connect Power

Plug the unit'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.