

CONVECTION BLOWER 812-4900

INSTALLATION INSTRUCTIONS

Replaces MPNs: 80542, 80591, 44122, 812-4900, 812-4540,
1-00-7000537, GFK-160, & 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

- Ensure the unit is completely cooled down and drained of power.
- Unplug the stove from the powersource.

2. Access the Unit

- Locate both the convection blowers in the stove. The blower motor is typically mounted on the inside of the stove, mounted to the back of the stove, or to the front under the ash lip or in the vertical side vents on inserts.
- Carefully remove the rear or side access panels on the unit by removing the screws and setting them aside to access the motor. For Insert models, you may need to pull the unit out of the firebox to access the blower if the blower is rear mounted.

3. Disconnect Wiring

- Before disconnecting anything, take clear photos of all wiring connections from multiple angles. This is the single best way to avoid mistakes during reassembly.

- Label each connector with masking tape and a marker as you remove it.
- Unplug all blower wiring leads from the wiring harness, including the grounding wire.
 - **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp.

4. Remove Old Blower Motor

- Remove the screws holding the blower to the stove mount and set them aside.
 - **Note:** Some units will have the blower sit in place in the unit and not have fasteners.
- Gently pull the old blower out of the stove.

5. Install New Blower Motor

- Position the new blower onto the mounting location and ensure the new blower is oriented in the same position as the old blower.
- Secure the bower using the screws removed in Step 4.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug all new blower wire leads into the wiring harness.
 - The blower should connect to the wiring harness using the color corresponding wire leads.
- Ensure each connector is fully secured. A loose connection is the most common cause of post-installation issues.

7. Connect Power

- Replace the access panel and secure it with the screws removed in Step 2. If the stove is an Insert, reposition the unit into the firebox.
- Plug the stove's power cord into the power source.
- Your new blower is installed and ready to use.

Post-Installation Check

- Verify all connections are secure
- Test motor operation before closing panels
- Check for any unusual noises or vibrations

Support

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