

CONVECTION BLOWER 1601881

INSTALL INSTRUCTIONS

Replaces MPNs: 1601881, 160-1881

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 the convection blower in the stove. The blower motor is typically inside a blower box mounted to the back of the stove, or inside the blower box assembly to the front of the stove under the ash lip for Insert units.
- With a socket wrench, remove the bolts holding the blower box assembly to the stove mount and set them aside. For inserts, you would simply slide the blower box out from underneath the ash lip.
 - Some Inserts may have a decorative fascia instead of a blower box. Proceed to carefully remove the fascia to access the blower motor and wiring

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 harness leads from the connected components such as the rheostat or the power cord. If the old blower features a grounded green wire, disconnect the wire from the chassis or mounting post.
 - **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

- With a socket wrench, remove the bolts holding the blower motor to the blower mount and set them aside.
- Gently pull the old blower motor out from the mounting location.
 - Some models may have the blower fastened to a removable mounting bracket. Proceed to remove the assembly with the bracket and then remove the motor from the bracket by removing the bolts.

5. Install New Blower Motor

- Position the new blower motor onto the mounting location and ensure the new blower is oriented in the same position as the old blower.
- Secure the bower using the bolts removed in Step 4. Tighten until snug, do not overtighten, as excessive force can strip the bolts holes.
- For units with a removable mounting bracket, secure the motor to the bracket before mounting the bracket to the assembly.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug all new blower wire leads to the wired components like before.
 - The blower should connect to the wiring harness using the wire leads. The black colored wires are non polarized and will typically connect to either of the wired components, similar to the set up as shown in the wiring diagram on page 4.

- Ensure the green grounding wire is secured to the chassis or mounting post of the assembly.
- Ensure each connector is fully seated, you should feel or hear it click into place. A loose connection is the most common cause of post-installation issues.

7. Connect Power

- Secure the newly assembled blower box assembly to the blower mount on the stove.
 - If the unit is an insert with a blower box under the ash lip, slide and position the blower box assembly in the same position as before.
 - If the unit is an insert with the blower mounted behind a decorative fascia, carefully install the blower motor and mounting bracket to the mounting location and then replace the fascia.
 - Plug the stove's power cord into the power source.
 - Your new blower is installed and ready to use.
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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.

Wiring Diagram

