

COMBUSTION BLOWER SP4L-101

INSTALLATION INSTRUCTIONS

Replaces MPNs: 80473, 80868, A-E-027, 80641, A-E-027J, C-E-027J,
12720003, & 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
-

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 combustion blower in the stove. The blower motor is typically mounted on the exhaust port inside of the stove.
- Carefully remove the wiring access panel on the unit by removing the screws and setting them aside to access the motor.

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.

- **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, loosen but do not remove the 6 nuts holding the blower motor to the stove mount and set them aside.
- Gently turn the motor hub and pull the old blower motor and mounting gasket out of the stove.

5. Install New Blower Motor

- Position the new blower motor and mounting gasket onto the mounting location and ensure the new blower is oriented in the same position as the old blower.
- Secure the blower using the nuts loosened in Step 4. Tighten until snug, do not overtighten, as excessive force can strip the bolts.

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 attached wire leads. If one of the wires is colored blue instead of black, this wire will serve as the black wire like on the original blower.
- 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

- Replace the wiring access panel and secure it with the screws removed in Step 2.
- 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.