

COMBUSTION BLOWER A-E-027 INSTALLATION INSTRUCTIONS

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

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 combustion blowers 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, including the grounding wire if available.

- **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 stove mount and set them aside.
- Gently pull the old blower and mounting gasket out of the stove.
- Remove the screws from the exhaust port from the old bower housing to remove the exhaust port.

5. Install New Blower Motor

- Install the exhaust port to the new blower housing with silicone and the screws removed in Step 4.
- 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 bower using the bolts removed in Step 4. Tighten until snug, do not overtighten, as excessive force can strip the bolts holes.

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 black and white wire leads. If the unit has a blue colored wire instead of a black colored wire, this will serve as the black wire.
- 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.
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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.