

IMPELLER FAN BLADE 1-10-574500A

INSTALLATION INSTRUCTIONS

Replaces MPNs: 1-10-574500A

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 and capacitor 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 Fan Blade

- Remove the fasteners holding the blower motor to the stove mount and set them aside.
- Gently pull the old blower out of the stove.
- Remove the nut on the tip of the combustion motor impeller rod.
- Pull the old impeller fan blade off from the combustion motor impeller rod.

5. Install New Blower Motor

- Install the new combustion impeller to the rod in the same orientation as the original blade.
- Secure the blade to the motor with the nut removed in Step 4
- Position the blower motor onto the mounting location and ensure the new blower is oriented in the same position as before.
- Using the special wrench included with the motor, fasten the motor and capacitor in place in the stove using the fasteners 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 the new blower wire lead and capacitor into the wiring harness.
 - The blower should connect to the wiring harness using the white molex connector.
- Ensure each connector is fully seated and secured, 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.