

DISTRIBUTION BLOWER SP4L-154

INSTALLATION INSTRUCTIONS

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 distribution blowers in the stove. The blower is typically mounted on the underside of the stove.
- To gain access to the blower's location on the stove underside, it is recommended to do the following:
 - Pull the stove out from the rack.
 - Lay a bag of pellets on the floor in front of the hearth
 - After disconnecting the brown, white and green wires from the power supply and disconnecting the room sensing probe, simply allow the stove to carefully fall forward on the pellets (across the door).
 - You can then access the blower from the bottom now.

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

- With a socket wrench, remove the bolts holding the blower to the stove mount and set them aside.
- Gently pull the old blower and docking gasket out of the stove.

5. Install New Blower

- Position the new blower motor and docking 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 corresponding black and white wire leads.
- Reconnect the power cord and the room sensing probe to the stove if removed.
- 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

- Reposition the stove so it stands upright in the rack
 - 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 final positioning
 - 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.