

WIRING HARNESS H5976

INSTALL INSTRUCTIONS

Replaces MPNs: H5976

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

- Remove the screws securing the wiring access panel to the stove. The wiring harness would be interconnected to almost all main electrical components in the stove.
- Carefully remove the access panel and set it aside.

3. Disconnect & Remove Wiring Harness

- 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. You may need to do this later with the new wiring harness as well for easier installation.
- Unplug the main wiring harness molex connector from the motor board, and the wiring lead connectors for all electrical components

from the main wiring harness. This can include the auger motor, igniter, blower fans, and the power cord.

- **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp. You may need to disconnect them one at a time to avoid losing track of the affiliated connections.

4. Connect & Install New Wiring Harness

- Using the reference photos and labels from Step 3, plug the new wiring leads from the wiring harness into each terminal of the electrical components, then connect the main 10-pin molex connector for the wiring harness into the control board in the same orientation as the original wiring harness.
 - The Purple wire connects to the igniter.
 - The Blue wire connects to the Proof of Fire snap switch.
 - The Green wire connects to vacuum switch
 - The Black wire connects to the power cord.
 - The Orange wire connects to the combustion blower.
 - The Brown wires connect to the Proof of Fire snap switch.
 - The White wires connect to the neutral block that connects to power cord, igniter hopper lid switch resistor, combustion blower black wire, and auger motor.
 - The Red wire connects to the Over Temperature snap switch.
 - The Yellow wire connects to the convection blower snap switch, which then connects to the convection blower black wire.
 - Refer to the diagram on page 8 for the general wiring schematic for the wiring harness.
- Ensure the connectors are fully seated, you should feel or hear them click into place. A loose connection is the most common cause of post-installation issues.

7. Power Connection

- Secure the removed access panel with screws removed in Step 2
- Plug the stove into the power source.

- Your new wiring harness is set up and the stove is ready to use.
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Post-Installation Check

- Verify all connections are secure
 - Test stove 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.

Diagram

Wiring Diagram

