

# WIRING HARNESS H5976

## INSTALL INSTRUCTIONS

Replaces MPNs: H5976

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### 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
  - Ensure there are no pellets in the hopper assembly
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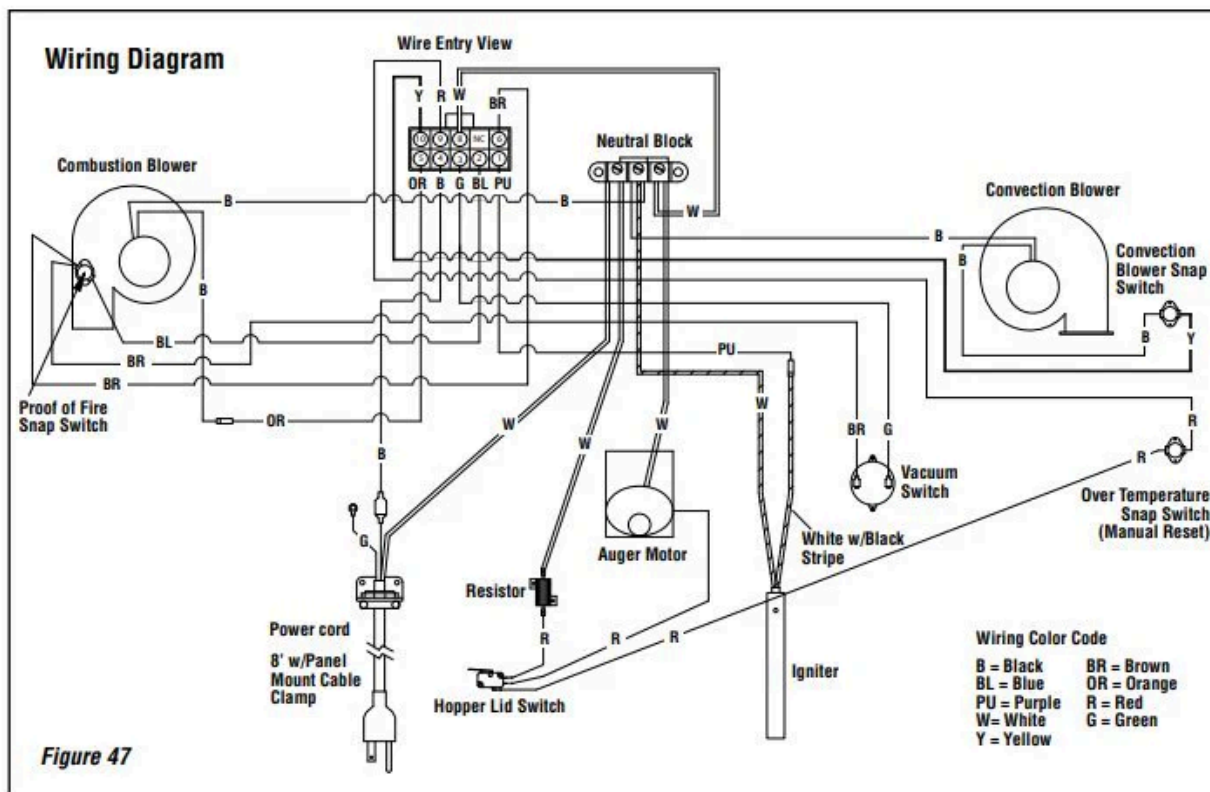
### Installation Steps

1. Unplug the stove
2. Unscrew the controller from the stove control cabinet.
3. Disconnect the 10-Pin molex connector from the control board.
4. Open up the wiring access panel located toward the back of the stove.
5. Disconnect all wires in the wiring harness and jumper from all connected components. Removing some components from the stove may be necessary to access certain connections.
6. Connect the new wiring harness to the internal components. (refer to the coloring index and [diagram](#) below for connection outline).
7. Snake the wiring harness molex connector through the control cabinet opening.
8. Connect the wiring harness molex connector to the controller.
9. Reinstall the control board back to the control cabinet on the stove.
10. Close up the stove wiring access panel.

### Connection & Coloring Index

- 10-Pin molex: connects controller to the wiring harness, contains the following:
  - Purple wire: connects to igniter.
  - Blue wire: connects to Proof of Fire snap switch.
  - Green wire: connects to vacuum switch
  - Black wire: connects to power cord.
  - Orange wire: connects to combustion blower.
  - Brown wires: connects to Proof of Fire snap switch.
  - White wires: connects to the neutral block (which connects to power cord, igniter hopper lid switch resistor, combustion blower black wire, and auger motor).
  - Red wire: connects to Over Temperature snap switch.
  - Yellow wire: connects to convection blower snap switch (which connects to convection blower black wire).

## Diagram:



## ✓ Post-Installation Check

- Verify all connections are secure
- Ensure all wiring is not in proximity of moving parts
- 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](#).