

WIRING HARNESS H7066

INSTALL INSTRUCTIONS

Replaces MPNs: H7066

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

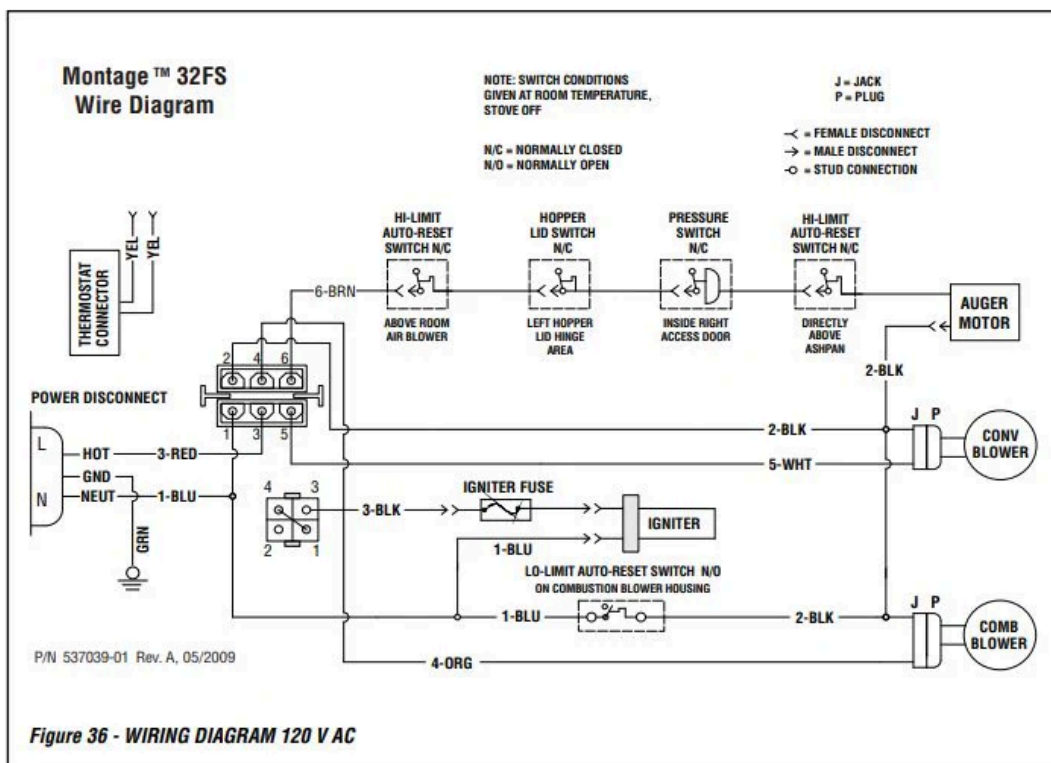
1. Unplug the stove
2. Unscrew the controller from the stove control cabinet.
3. Disconnect the 6-Pin molex connector, 4-Pin molex connector, and yellow TSTAT bridge wires from the control board.
4. Open up the wiring access panel located toward the back of the stove.
5. Disconnect all wires in the wiring 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, jumper to the internal components. (refer to the cooring index and diagram below for connection outline).
7. Snake the wiring harness molex connector, jumper connector and TSTAT Wires through the control cabinet opening.
8. Connect the wiring harness molex connector, jumper molex connector, and TSTAT wires 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

6-Pin molex: connects controller to the wiring harness.

- Blue wire: connects to power disconnect, igniter, and low-limit switch.
- Black wire: Connects to auger motor (w/ brown wire), convection blower (molex w/ white and two black wires), and combustion blower (molex w/ orange and two black wires).
- Red wire: connects to power disconnect (spades w/ red, blue, and green wires)
- Orange wire: connects to combustion blower (molex w/ orange and two black wires).
- White wire: connects to convection blower (molex w/ white and two black wires)
- Brown wires: connects to both hi-limit switches, hopper lid switch, pressure switch, and auger motor (see [diagram](#) for details).
- 4-Pin jumper: connects controller to igniter fuse and igniter.
- Yellow wires: connect to stove's TSTAT bridge.

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](#).