

DIGITAL CONTROLLER 50125-OEM

INSTALL INSTRUCTIONS

Replaces MPNs: 50125, 80113

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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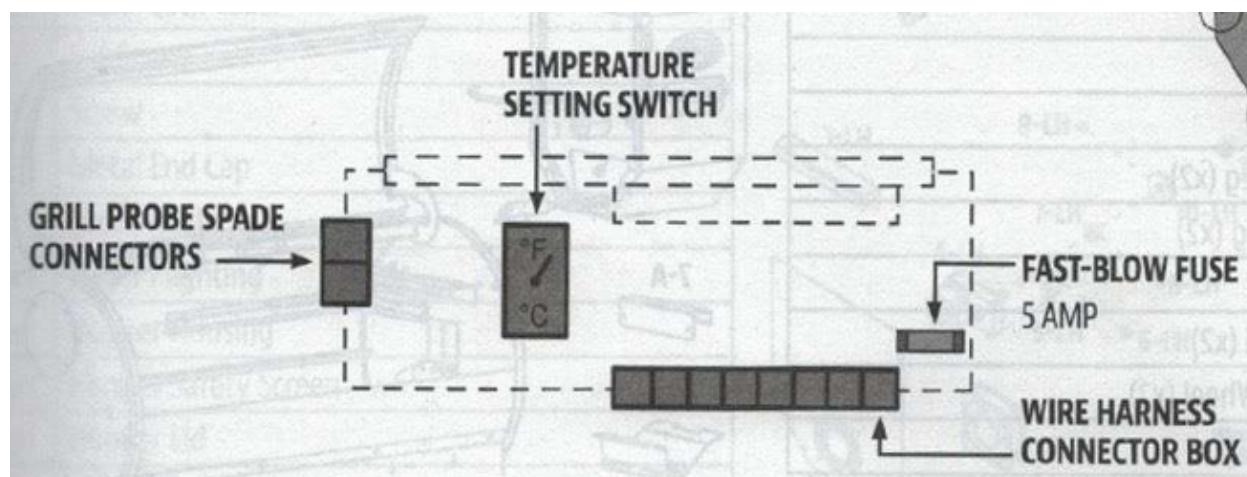
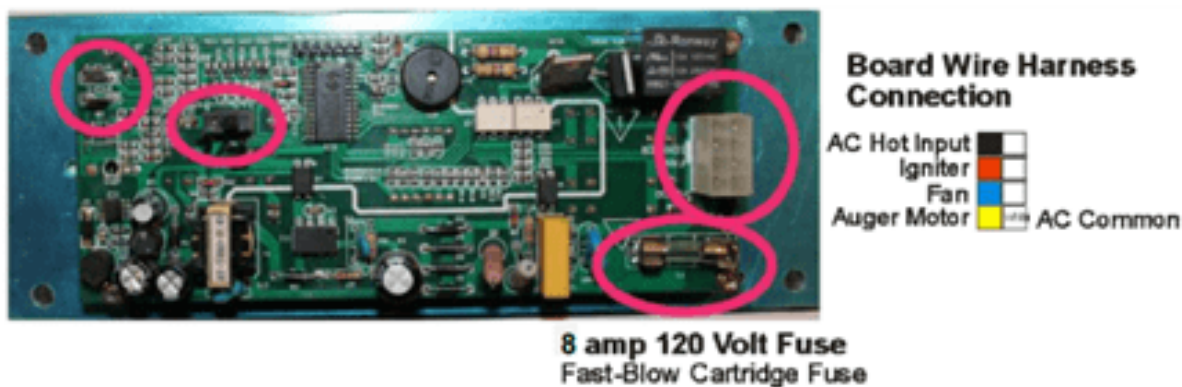
Installation Steps

1. Unplug the grill.
2. Unscrew old controller from the hopper.
3. Disconnect black wires (grill probe).
4. Disconnect main wiring harness molex connector.
5. Connect main wiring harness molex connector to new board.
6. Connect grill probe connectors to new board.
7. Screw the new control board back onto the hopper.
8. Plug the grill back into the wall.

Wiring Color Index:

- Blue & White Wires: Connects to the draft fan (wiring harness)
- Yellow & White Wires: Connects to the auger motor (wiring harness)
- Orange & White Wires: Connects to the igniter (wiring harness)
- Black & White Wires: Connects to the power cord (wiring harness)
- Double Black Wires: Connects to the RTD temperature probe (double silver wires)

Diagrams:



✓ 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](#).