

CONTROL ASSEMBLY KIT 50127A

INSTALL INSTRUCTIONS

Replaces MPNs: 50127A, 50127

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

Control board

1. Unplug the grill.
2. Unscrew hopper side panel from hopper
3. Remove hopper grate from hopper
4. Unscrew old controller from the hopper.
5. Disconnect double spade connector wire leads (RTD grill probe).
6. Disconnect main wiring harness molex connector.
7. Connect main wiring harness molex connector to new board.
8. Connect grill probe connector leads to new board.
9. Screw the new control board back onto the hopper.
10. Plug the grill back into the wall.

RTD grill probe:

1. Unplug the grill.
2. Unscrew side panel from hopper.
3. Remove hopper grate from hopper.
 - (optional) unscrew control board for easier handling.
4. Unscrew rear heat shield from rear of grill unit.
5. Unscrew back probe wire shield from inside of grill unit.
6. Unscrew old RTD probe from back probe wire shield.

7. Unscrew hopper-side probe wire shield from inside of grill unit.
8. Carefully disconnect silver RTD probe wires spade connector from wire leads to control board.
9. Pull and remove RTD probe wires from wire access hole inside of grill (access from front of the grill unit).
10. Thread new RTD probe wires through wire access hole inside of grill.
11. Pull and reconnect wires to control board wire leads.
12. **With the RTD probe inside hopper-side probe wire shield**, mount wire shield to inside of grill unit with screws.
13. Thread RTD probe through hole back probe wire shield and mount RTD probe with screws.
14. **With the RTD probe inside back probe wire shield**, mount wire shield to inside of grill unit with screws.
15. Remount rear heat shield to rear of grill unit with Screws.
 - If control board is detached, remount control board with screws beforehand.
16. Replace hopper grate to hopper.
17. Remount hopper side panel to hopper with screws.
18. Plug the grill back into the wall.

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](#).

