

RTD CONVERSION ADAPTER RTD-ADAPTER INSTALL INSTRUCTIONS

Replaces MPNs: 70225

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 and remove the control board from the hopper. (You can also unscrew and remove the wiring access panel and hopper from the burn box for easier access).
3. Undo the zip-ties holding the RTD wires to the rest of the wiring. Ensure you do not cut the wires as you cut the zip-ties.
4. Locate the RTD terminal (component with 2 wire plug-ins) on the control board.
5. Loosen the 2 screws that hold the 2 RTD wires in place and disconnect the wires from the terminal.
 - If you are replacing the control board that requires an adapter to your current RTD probe, disconnect the wires from the old controller, reconnect the wires to the new controller and proceed to step 12.
6. Remove any hopper-side grill grate(s), broiler plates and baffles to access the RTD probe.
7. Remove the 2 screws that hold the RTD Plate in place.
8. Remove the screws and nuts and pull out the RTD and wires.

9. Mount the new RTD to the grill in the same position and orientation as the old RTD with screws.
 10. Feed the RTD wires through the wiring hole as the old RTD wires.
 11. Mount the RTD plate back in place with screws
 12. Connect the adapter wire to the RTD wire.
 13. Connect the RTD adapter wires to the RTD terminal and tighten the 2 screws on the terminal to keep wires in place.
 14. Remount the control board to the hopper and tie the wires together with zip-ties. (Remount the hopper and access panel with screws if removed from the burn box).
 15. Remount any grill grates, broiler plates and baffles removed from the grill and plug in the grill.
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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
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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](#).