

CIRCUIT BOARD 1-00-05887

INSTALL INSTRUCTIONS

Replaces MPNs: 1-00-05887, 3-20-0537, 3-20-5236, 3-20-5375

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. Access the control panel.
3. Remove the set screws from the control panel starting with the bottom screw(s).
4. Carefully remove the control panel from the stove. To do this, pull the right edge of the panel with the screwholes facing toward you. You may notice there is a notch on the top left corner of the control panel and a metal track along the top edge of the control panel cabinet once adjusted. Carefully angle the control panel toward the right side of the cabinet while guiding the control panel notch along the track. Do this until the notch is off the track and then proceed to pull the control panel out of the stove.
5. Pull the control knobs off the control panel.
6. The circuit board is held to the control panel by mounting posts from each corner. Remove the circuit board from the control panel by carefully pulling the circuit board off these corner posts one by one.
7. Disconnect the probes and wires from the old circuit board. Some of these wires are connected with a locking Molex connector, simply depress the locking tab on the connector and pull the connector away from the slot. For

wires that use spade connectors, it is recommended to use pliers to gently wiggle these connectors off the controller.

8. Carefully reconnect the wires onto the new board. Make sure that the new board's DIP switches are correctly set for your model before reconnecting the wires (refer to your old board and the DIP switch chart included with your new board).
9. Reattach the control knobs back to the control panel assembly.
10. Attach the circuit board to the control panel. Ensure that the board is secured to the mounting posts and oriented onto the panel in the same way as the old board.
11. Reattach the control panel to the stove. Fasten the panel in place with mounting screws.

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](#).