

CONTROL BOARD 1-00-05886

INSTALL INSTRUCTIONS

Replaces MPNs: 1-00-05886, 3-20-4220, 3-20-5374, 3-20-5237,
3-20-5292, 3-20-5886

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. Ensure no power is going into your unit.
2. Open your control panel door.
3. Unscrew the control panel from the unit.
4. Pull out the control panel from the right side and lean the board toward the door to remove it from the stove.
5. Pull out the knobs from the control panel. If any knob posts are pulled out with the knob, these can be left to the side.
6. Remove the control board from the control panel faceplate. This can be done by slightly tugging each corner of the control board off the press point pins on the face plate.
7. Carefully disconnect each wire from the old control board. The board will have 3 types of wires:
 - ESP probe: black connector with locking tab.
 - Main wiring harness: large white molex connector.
 - Thermostat/room temperature sensor wire: 2 spade connectors (pliers may be required for careful removal).

8. Set the new control board's DIP switch settings using the red DIP switch terminal block on the controller. Refer to the [DIP switch setting chart](#) included with your new board. **(The setting for DIP number 5 on the terminal block is based on the color of ESP Probe).**
 9. Gently reconnect the wires to the new control board. Ensure that each connection is inserted all the way in.
 10. Attach the new control board to the faceplate by gently pushing the face plate press point pins into the corner holes of the board .
 11. Reinsert the control panel into the stove by turning the panel to face toward the left edge of the frame and angling the panel back so it points toward the top-right corner of the frame. Once the frame slots into the top groove of the control panel, push the control panel to the left side and bush the right side into the frame.
 12. Fasten the control panel back into the stove with screws.
 13. Reattach the knobs to the control board. You should feel the knob click into the slot when done correctly. Make sure to test the knob rotation is situated correctly, you may need to remove and re-insert the knob to resituate.
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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](#).