

# COMFORTBILT MOTHERBOARD CB1

## INSTALL INSTRUCTIONS

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### Install Instructions:

1. Ensure that the power is disconnected from the unit.
2. Unscrew the anchor bolts that secure the L-bracket to the stove body and back of the black box.
3. Lay the circuit board down on its back and place the new circuit board in the same orientation next to it.
4. Remove the cover plate from both boards (The plate will be held in place by 4 screws).
5. **One-by-one**, remove each connection wire from the old board and attach it to the new board in the same location as the old board.
  - If there is any confusion about the connection locations, view on the **Videos** tab or review the "Connections" list below.
6. After all connectors have been attached to the new board, reattach the face plate.
7. Remount the bracket to the black box and stove.
8. Reconnect power to the stove.

### Connections:

- Black 20 pin: Connector for gray data line going to top control panel.
- Red 2 pin: Connector for NTC1 Proof of fire switch
- Yellow 2 Pin: NTC2 Overheat sensor
- White 2 Pin: Thermostat temperature sensing wire
- Blue 2 Pin: Limit/Hopper Lid Switch
- Black 2 Pin: Vacuum Switch Starting at the top right and going down the right side:

- Blue soft cover: 10A motherboard fuse
- White 14 Pin: Main power harness connector