



Removing Panasonic DVD-RV31 Player Motherboard

How to remove the motherboard from the main DVD board

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 **TOOLS:**

- **Tweezers** (1)
- **Phillips #2 Screwdriver** (1)

Step 1 — Disk Tray Cover



- Eject the disk tray from the DVD player before removing power supply.

Step 2



- Evenly lift upward on the disk tray front cover (not slanted, as pictured). This will allow for easier disassembly of the player.

Step 3 — Outer Case



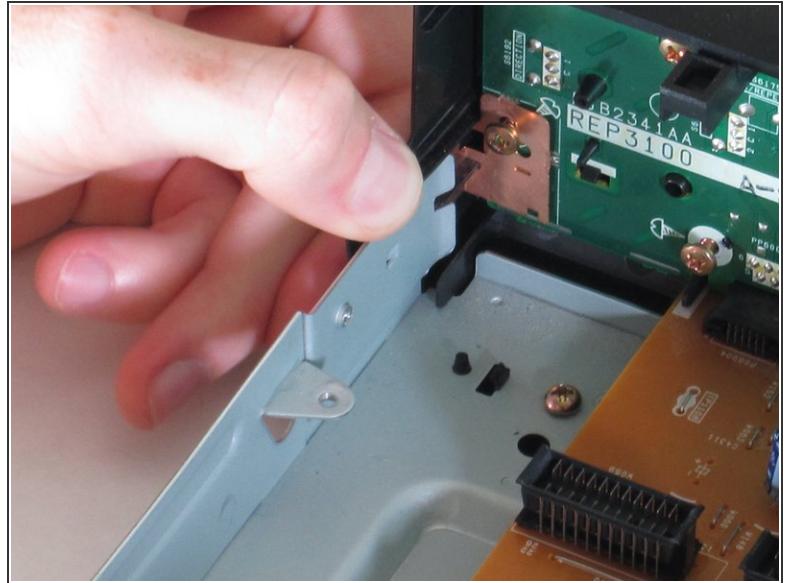
- Remove 3 screws running along back edge of case cover.
- Remove 2 screws from each side of case cover.

Step 4



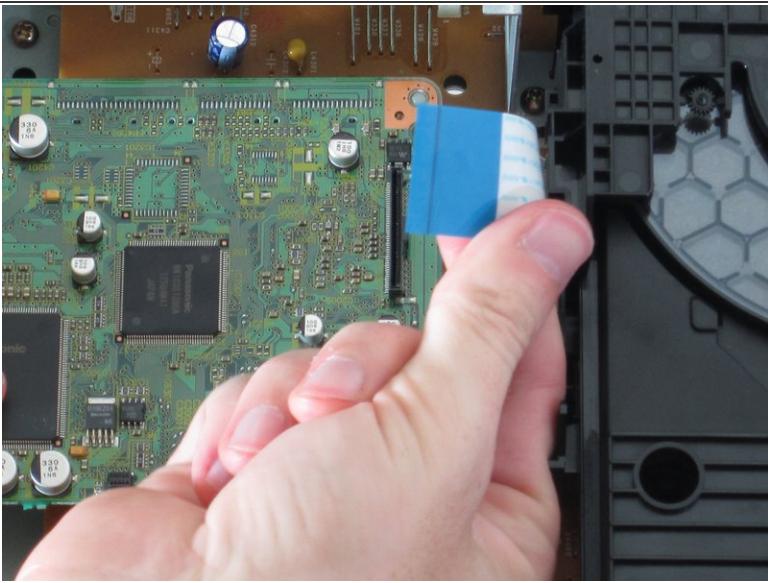
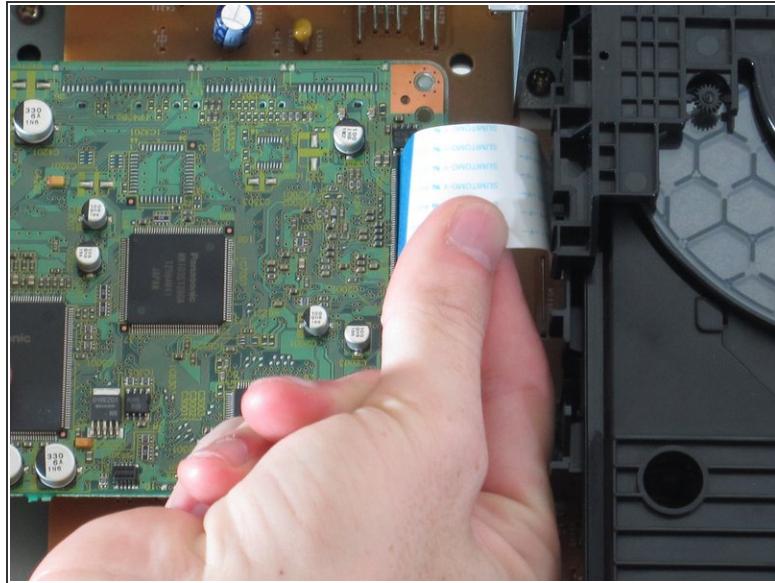
- Grab edges of cover, pull outward slightly, and pull straight up.

Step 5 — Front Panel



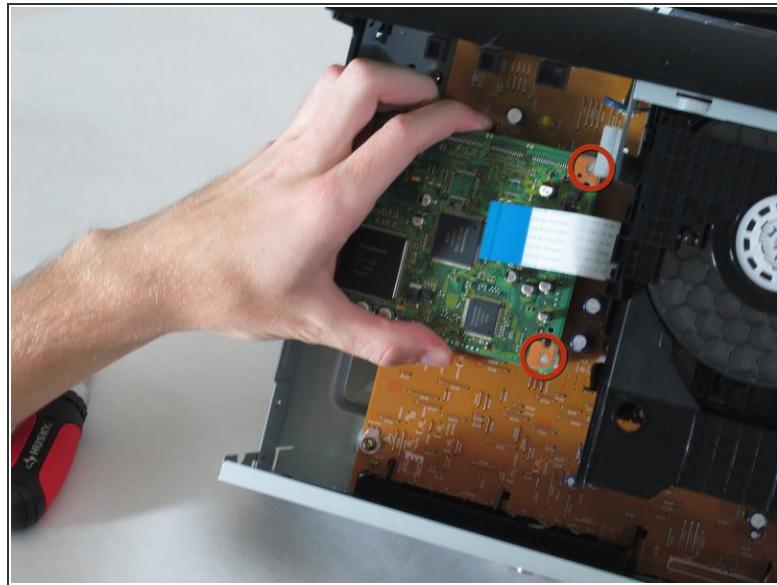
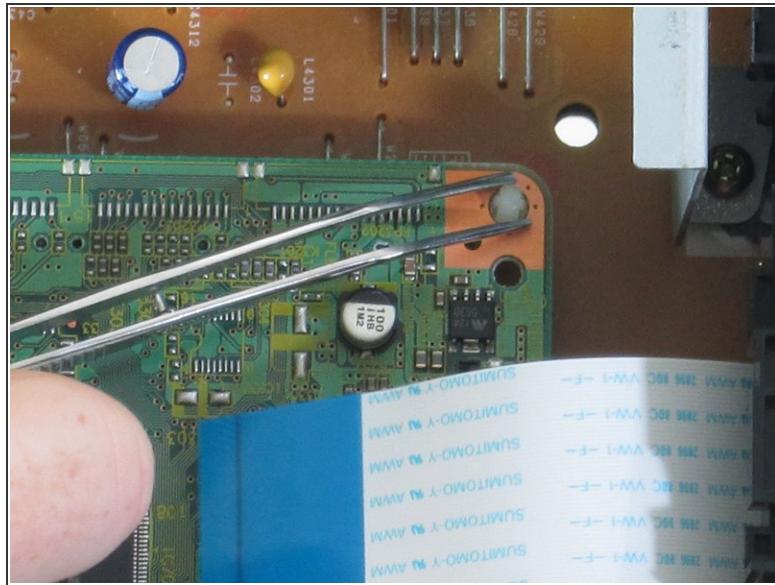
- Lift up the 5 tabs securing the front panel to the chassis. There are 3 on the bottom, and 2 on the inside edges of the panel. Panel should then lift off the player.

Step 6 — Motherboard



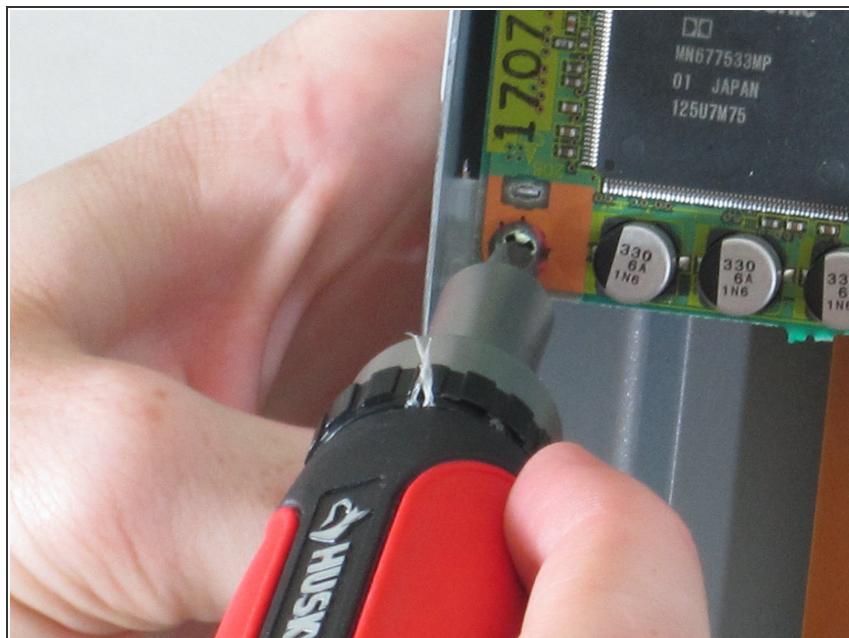
- Remove the blue ribbon wire from its connector. When doing this, be cautious to not damage the connector.
- Place forefinger under cable loop as shown, gripping with thumb.
- Pull straight up. It should disconnect with little force.

Step 7



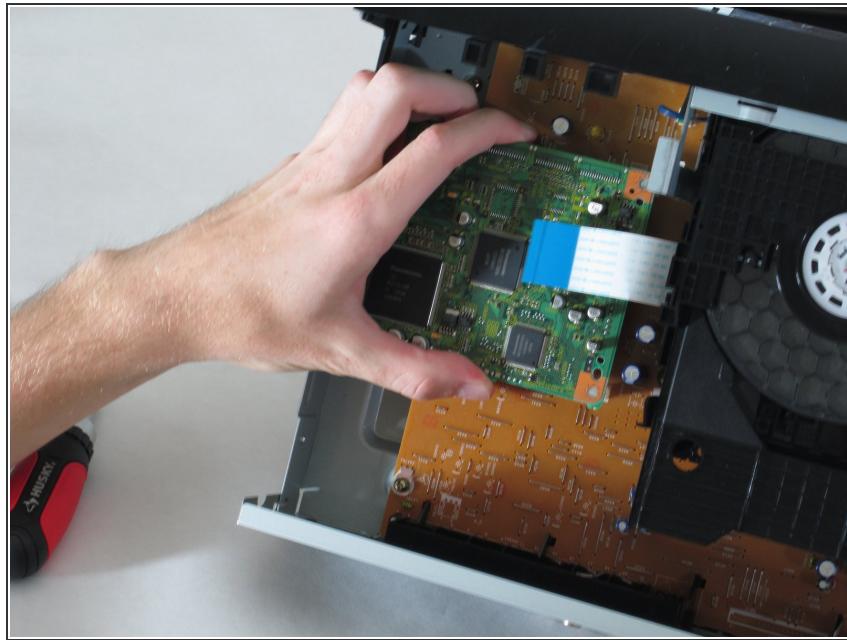
- Using tweezers or pliers, squeeze the tabs of the plastic fasteners together. While doing this, gently lift up on the motherboard until the fasteners are released.

Step 8



- Remove the two screws securing the motherboard using a philips screw driver.

Step 9



- Lift the board from the side closest to the front panel (top of photo).
- Gently apply force until bottom connector releases from power board below.

To reassemble your device, follow these instructions in reverse order.