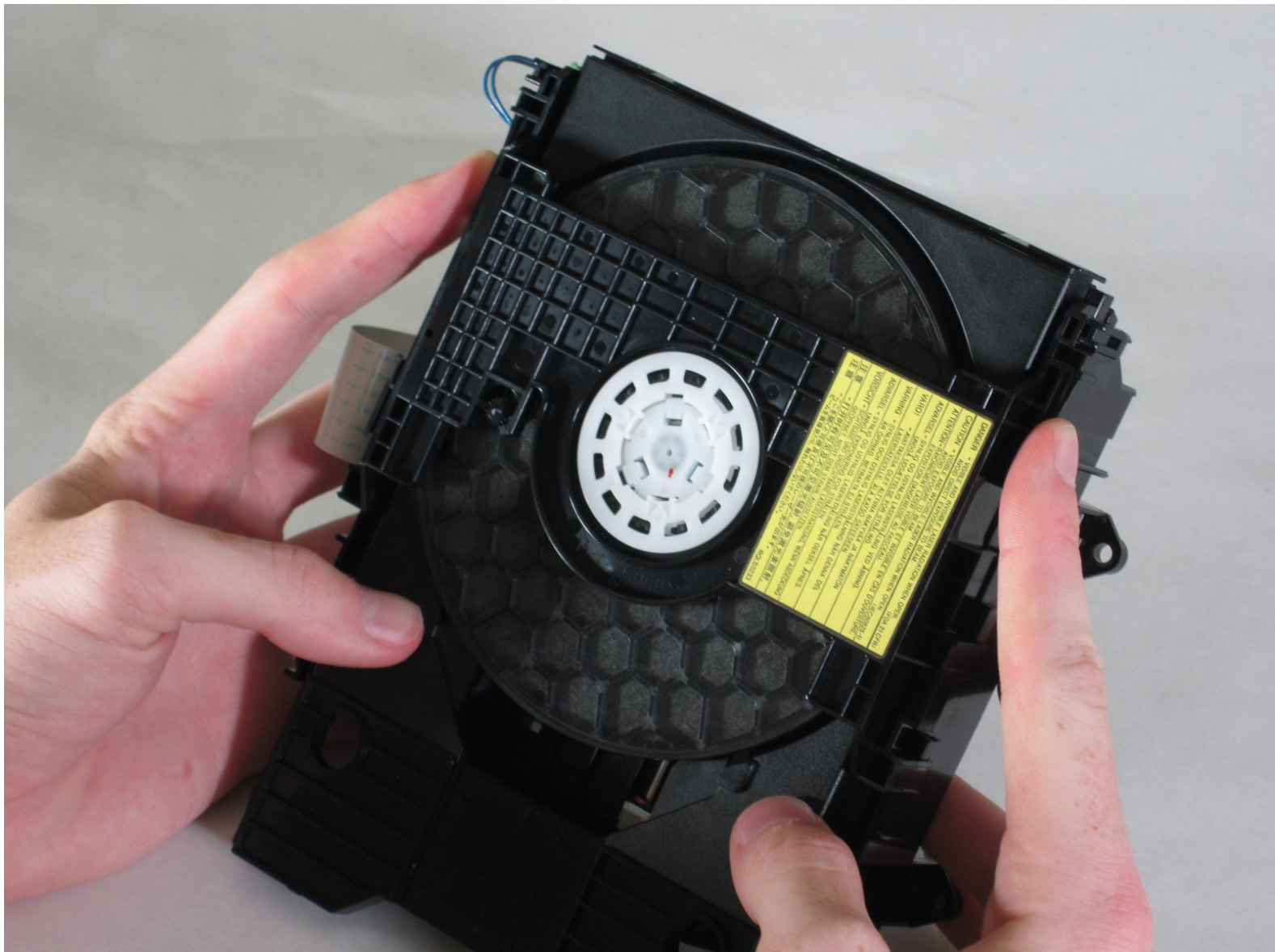




Panasonic DVD-RV31 Player Disc Retainer Replacement

Removing the disc retainer to allow access to the laser that read the DVDs.

Written By: Kevin



 **TOOLS:**

- [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



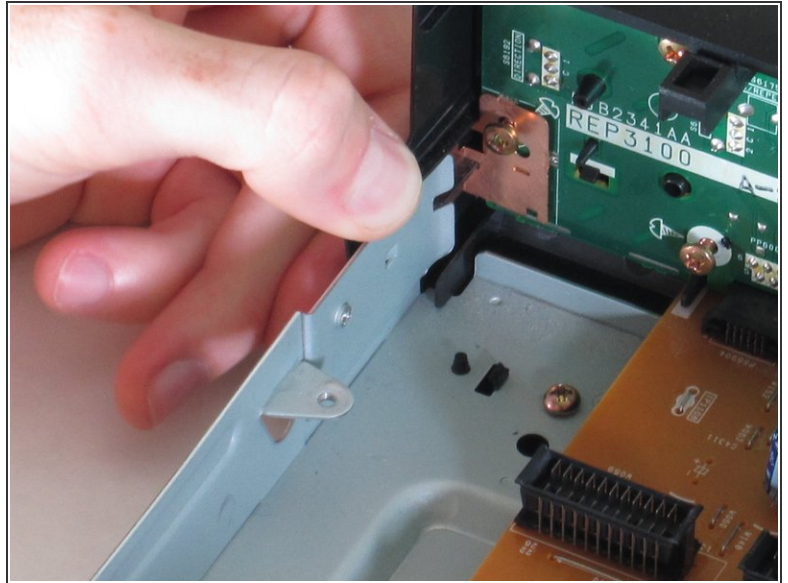
- Remove 3 screws running along back edge of case cover.
- Remove 2 screws from each side of case cover.

Step 4



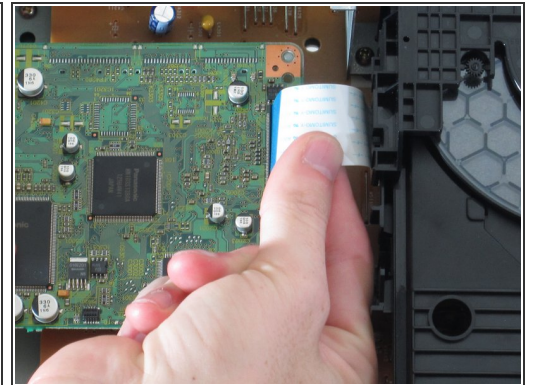
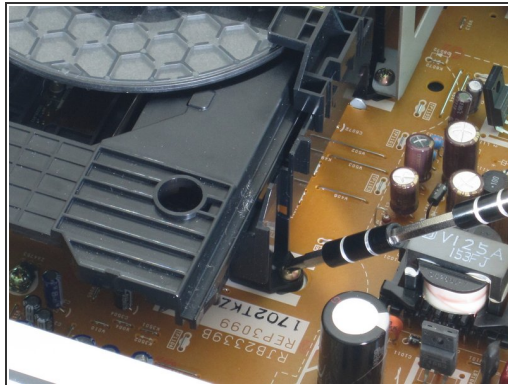
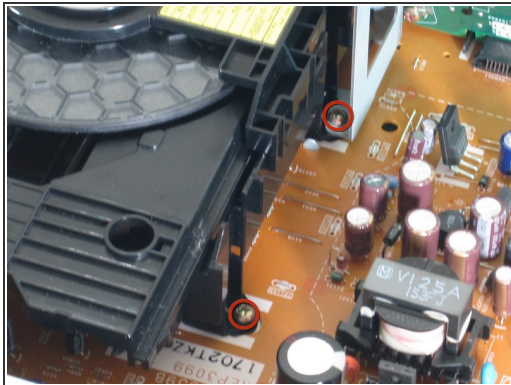
- Grab edges of cover, pull outward slightly, and pull straight up.

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 — Disk Drive



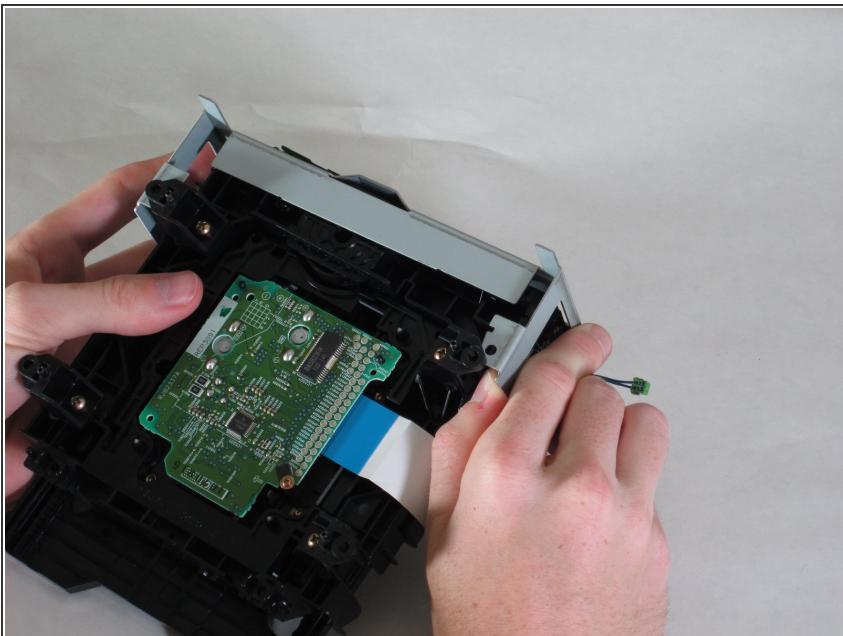
- Locate the 4 screws securing the disk drive assembly. There are two on each side.
- Use a narrow screwdriver to remove all 4 screws.
- Remove the blue ribbon wire from its connector. When doing this, be cautious to not damage the connector.

Step 7



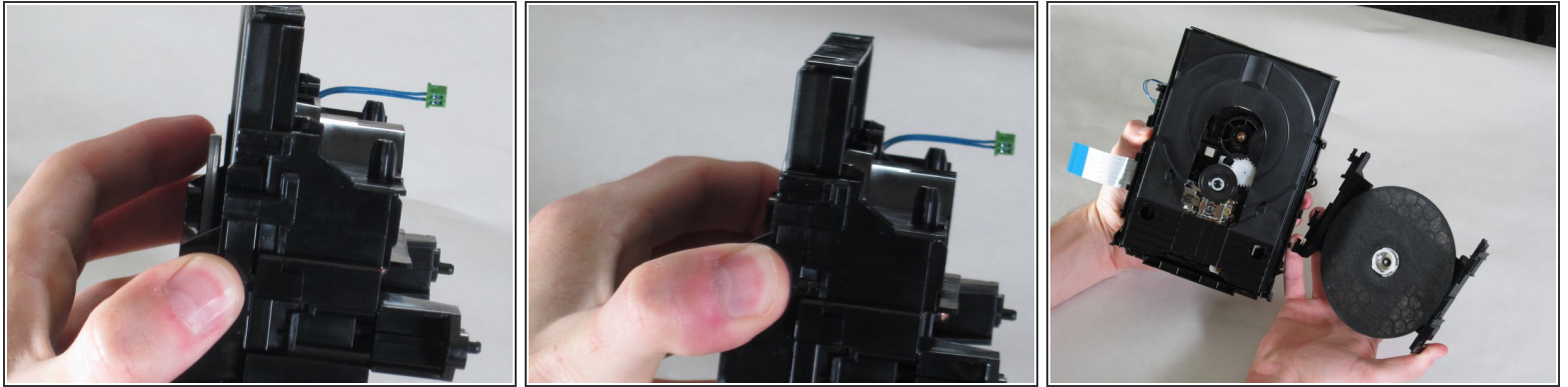
- Lift assembly by the front to pull metal bracket from the power board.
- Pull up back end and lift drive out.

Step 8



- With the drive assembly separate from the player, hold as shown and pull the bracket edges away from the disk drive.
- Lift bracket off and reserve for re-assembly.

Step 9 — Disc Retainer



- Grasp the bridge above the wheel and push the tabs on the side as shown.
- Pull down firmly and away from the laser housing.

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