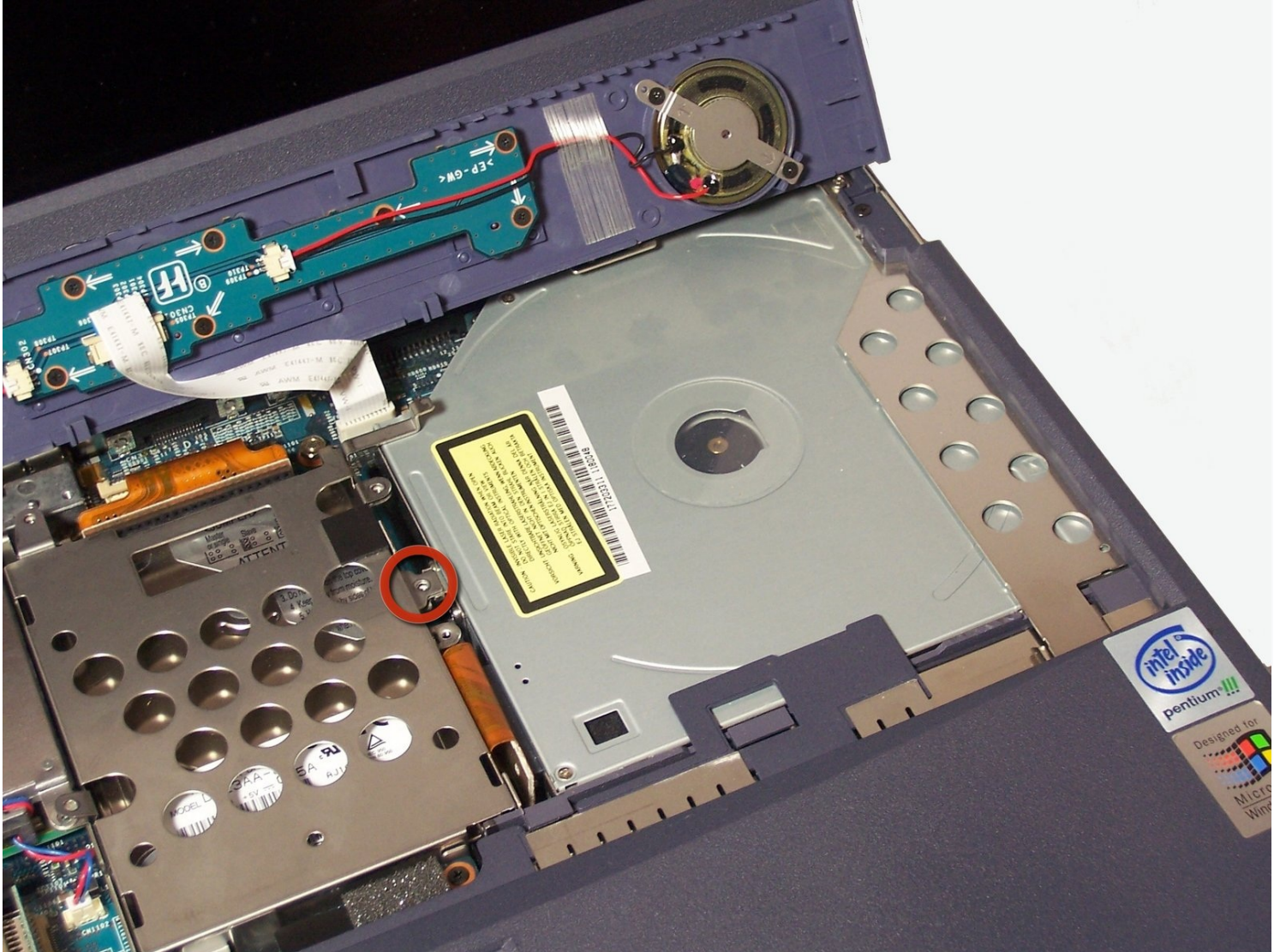




Sony Vaio PCG-F420 CD/DVD Drive Replacement

Replacing the CD/DVD drive involves first...

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INTRODUCTION

Replacing the CD/DVD drive involves first removing the keyboard, then a screw will free it from the frame. Then, simply unplug the ribbon cable and pull it out.

CAUTION: Static electricity in your body can ruin you computer. Use an anti-static wristband.

TOOLS:

Anti-Static Wrist Strap (1)

Phillips #00 Screwdriver (1)

Tweezers (1)

Step 1 — Battery



- The battery is located on the left side of the laptop, as shown by the red circle.
- Make sure the laptop is disconnected and turned completely off.

Step 2



- ① Remove the battery by following these steps.
- Pull the plastic cover down (indicated by the arrow on the cover) and then swing it upwards to reveal the battery compartment.
- The battery can now be removed by pulling it.

Step 3 — Keyboard



- Use your Philips #00 screwdriver to unscrew the small screw counterclockwise. This screw is for the audio/visual jacks on the left side of the laptop.

Step 4



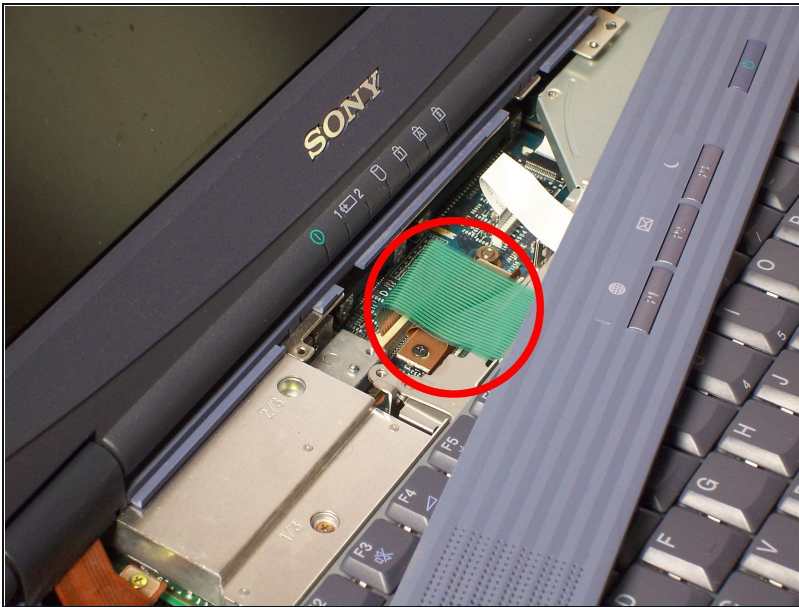
- Unlock the cover between the keyboard and screen.
- Gently slide it to the right and lift it up.
- Exercise caution to avoid excessive force, as wires are connected.
- ⓘ Be mindful not to pull the keyboard too forcefully as it remains connected to wires, which we will address in the next step.

Step 5



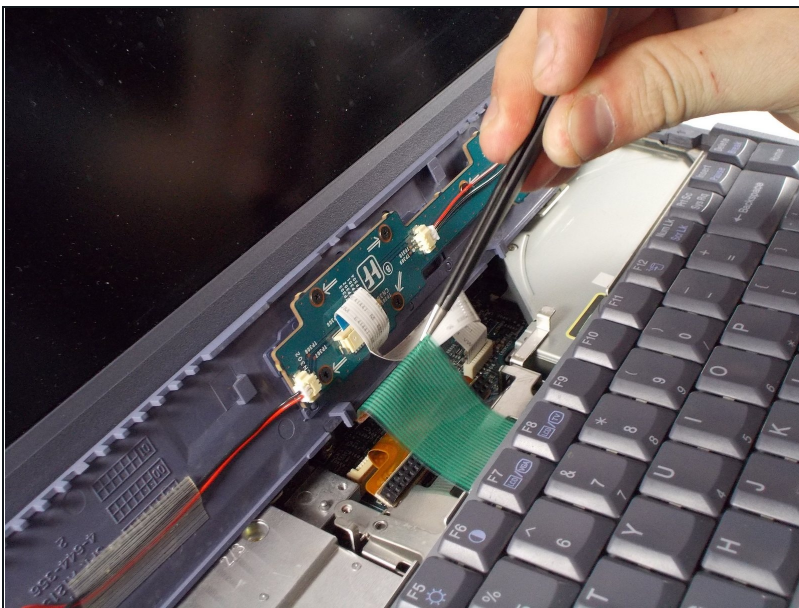
- Lift up the cover and lean it against the display so it is out of the way for the rest of the process.
- Remove the small screw above the F6 key on the keyboard. Place screw in container to ensure it won't be lost.

Step 6



- Find the green ribbon as indicated in the picture by the red circle. This is what connects the keyboard to the motherboard.

Step 7



- Carefully unplug the ribbon cable using a pair of tweezers.
- Lift up the white bar near the connection to the motherboard, and lightly lift the ribbon to release it from the motherboard.

Step 8



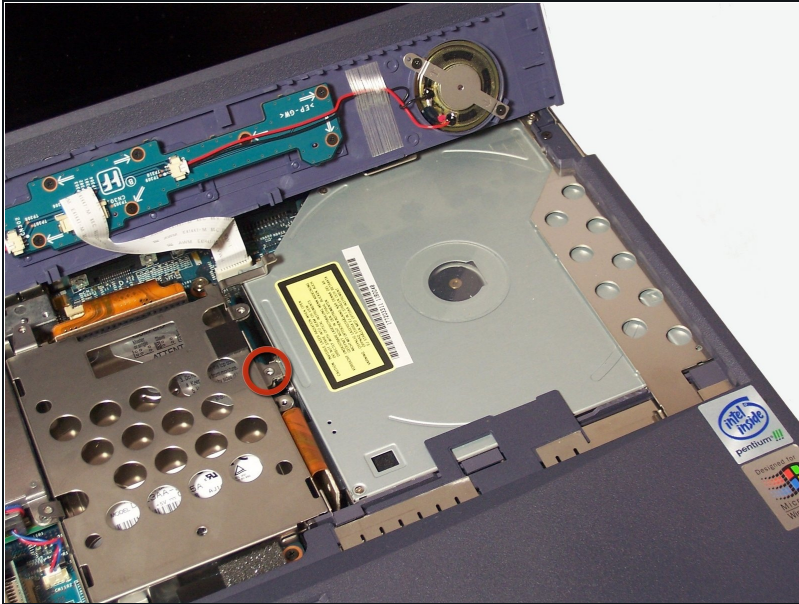
- Now, pull on the ribbon cable, and it will detach from the motherboard.
- ① Your keyboard is now safely detached, allowing for necessary repairs or replacements.

Step 9



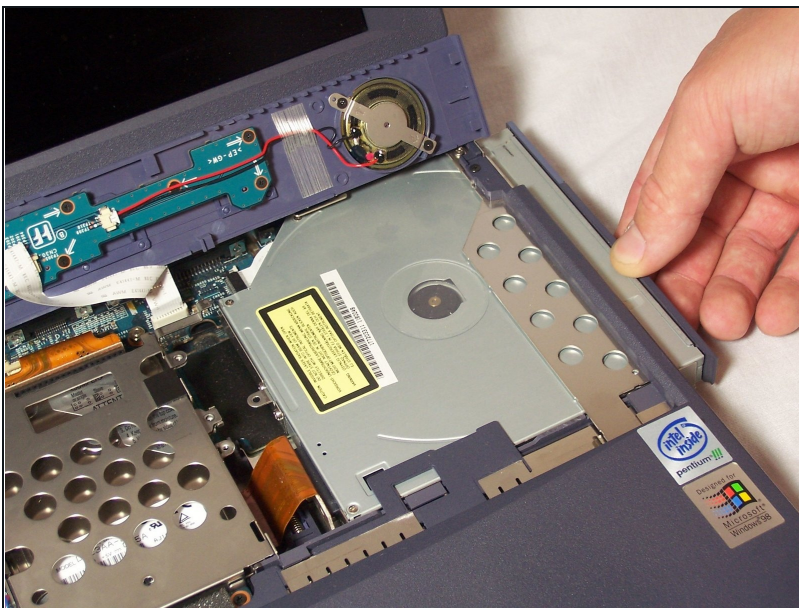
- Your keyboard is now safely detached. Necessary repairs or replacements can be made from here.

Step 10 — CD/DVD Drive



- After removing the keyboard, unscrew (using Phillips #00) the circled screw securing the CD/DVD drive.

Step 11



- After unscrewing the CD/DVD drive, gently slide the drive slightly out of the main computer case, as shown. Be careful not to rip off the harness.

Step 12



- Carefully detach the harness from the CD/DVD drive. Use your fingers if possible, but if not carefully use a pair of tweezers to detach the harness. Take care in not bending any of the pin connections.

Step 13



- After disconnecting the harness you can now slide the CD/DVD drive fully out of the computer. You can now repair or replace your CD/DVD drive.

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