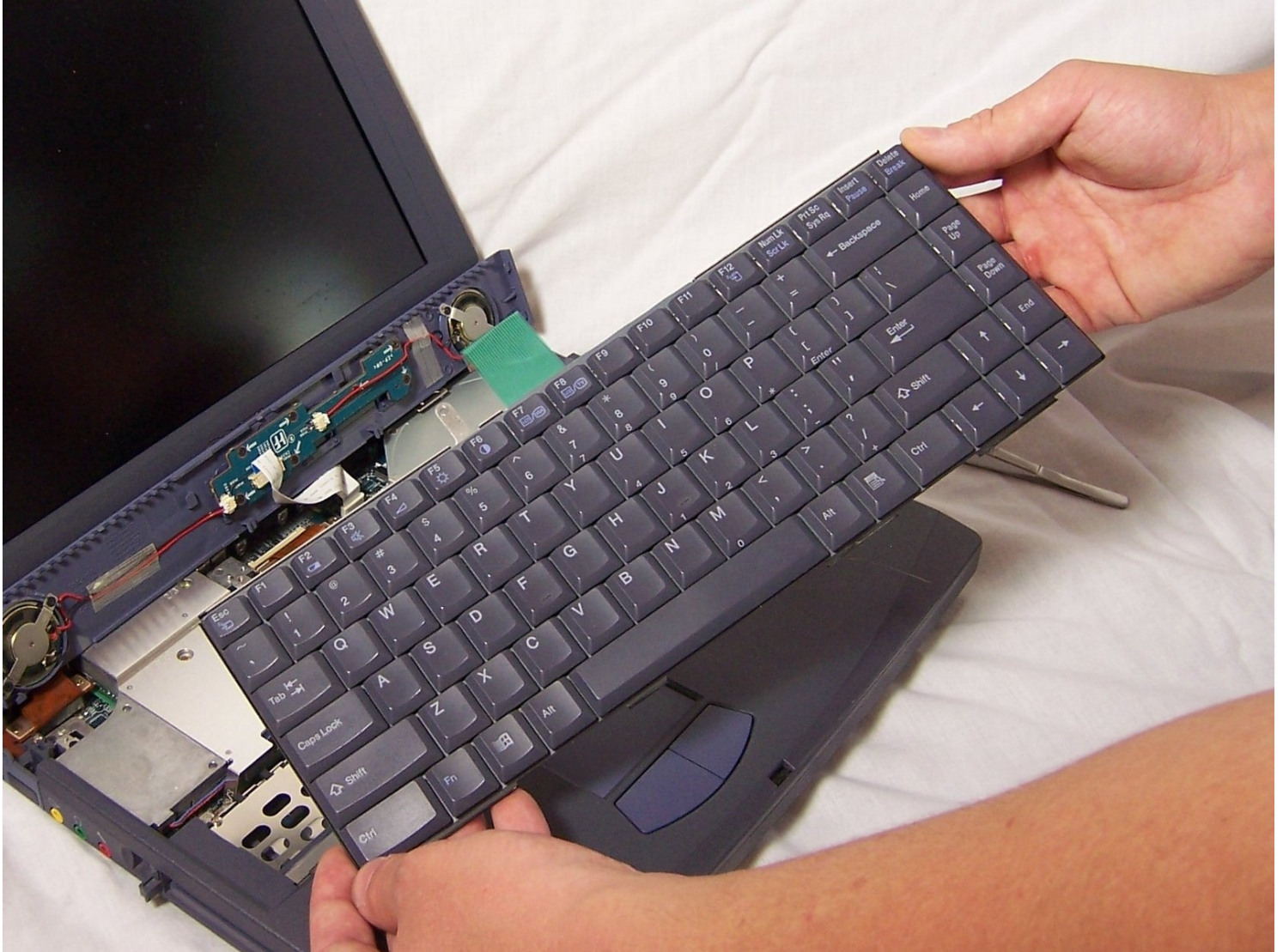




Sony Vaio PCG-F420 Keyboard Replacement

If your keys appear to be broken, replacing the...

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INTRODUCTION

If your keys appear to be broken, replacing the keyboard may be necessary.

To make sure the problem is with the keyboard, follow the [troubleshooting guide](#).

When buying a new keyboard make sure it is compatible with PCG-F420.

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

Before you begin the repair, turn off your laptop and unplug the charger.

TOOLS:

Phillips #00 Screwdriver (1)

Tweezers (1)

Anti-Static Wrist Strap (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



❗ 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



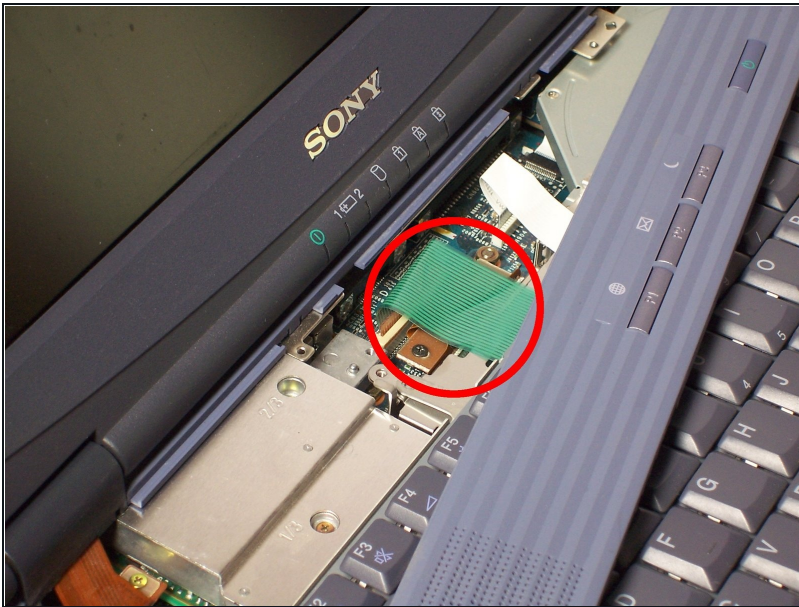
- Unlock the cover between the keyboard and screen.
- Gently slide it to the right and lift it up.
- Exercise caution to avoid excessive force, as wires are connected.
- ⓘ Be mindful not to pull the keyboard too forcefully as it remains connected to wires, which we will address in the next step.

Step 5



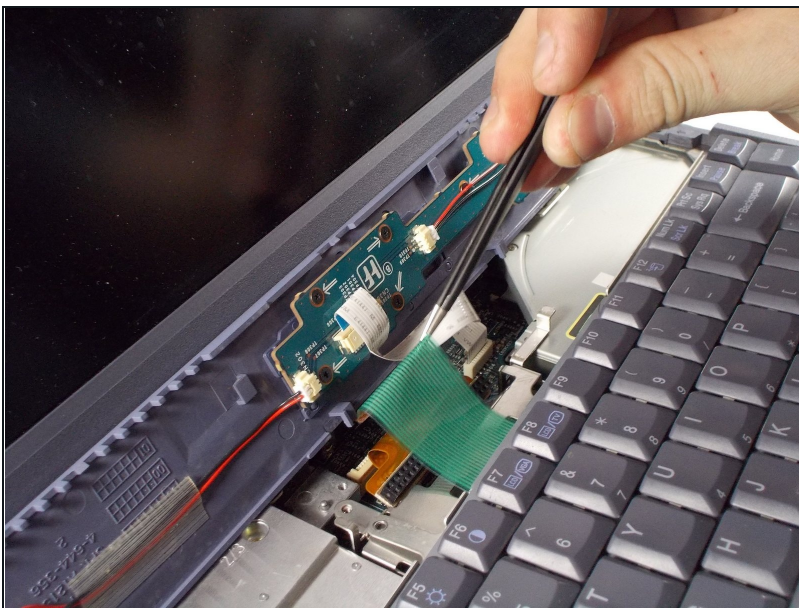
- Lift up the cover and lean it against the display so it is out of the way for the rest of the process.
- Remove the small screw above the F6 key on the keyboard. Place screw in container to ensure it won't be lost.

Step 6



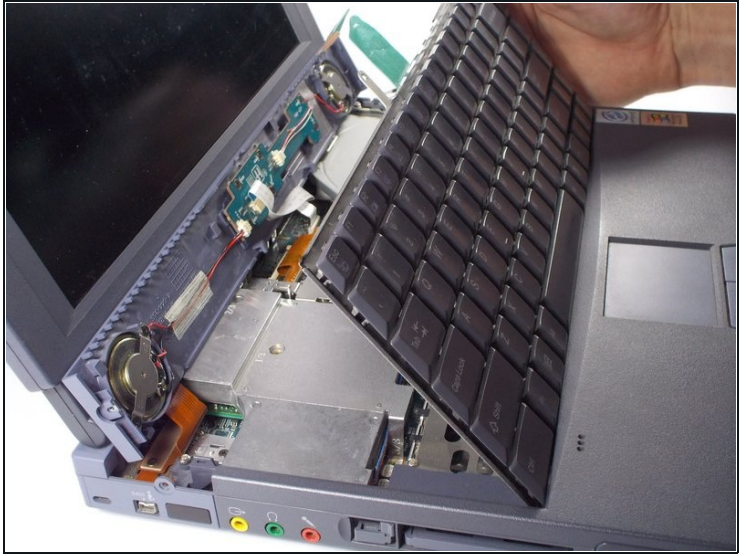
- Find the green ribbon as indicated in the picture by the red circle. This is what connects the keyboard to the motherboard.

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.
- ⓘ 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.

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