



HP Compaq 6510b CD Drive Replacement

How to replace an HP Compaq 6510b CD drive.

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 **TOOLS:**

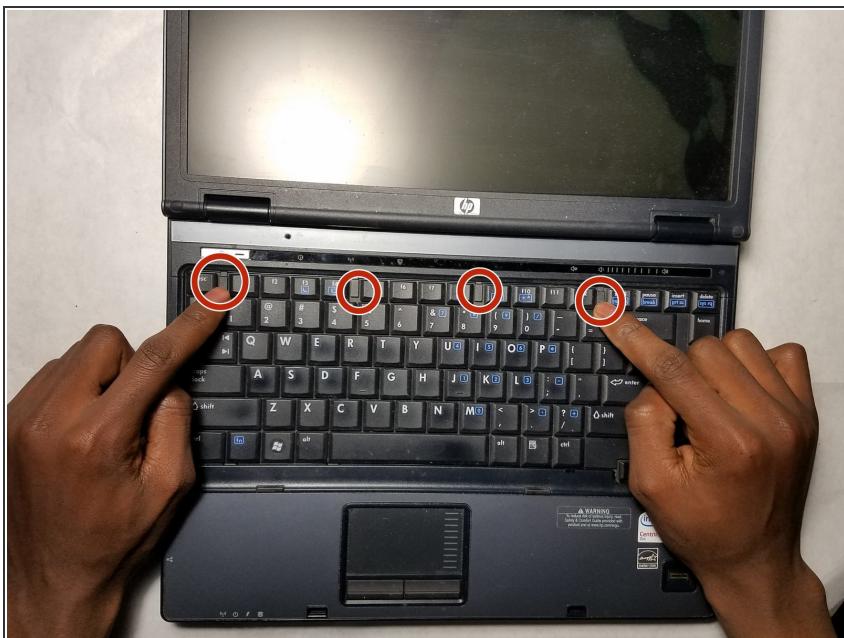
- [Spudger \(1\)](#)
- [JIS #1 \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [TR7 Torx Security Screwdriver \(1\)](#)

Step 1 — Battery



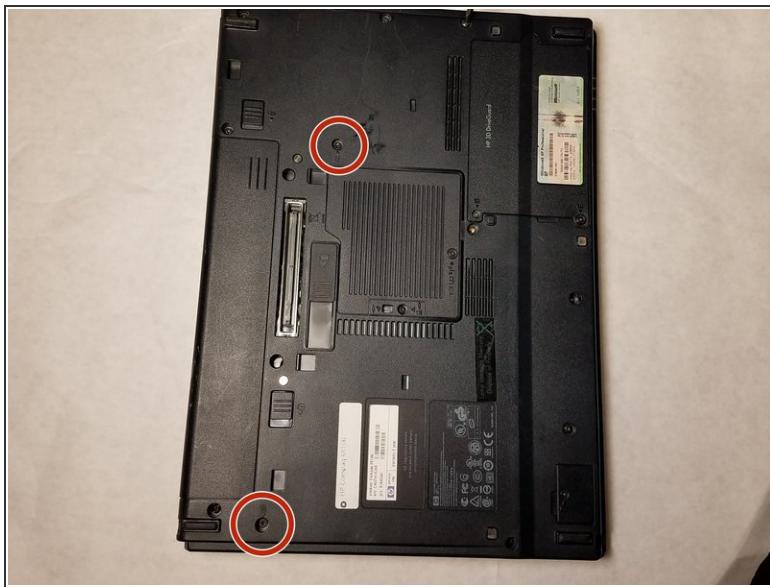
- Flip the computer over so the backside is facing you.
- Using the two prongs that are located in the back, slide the further left prong and the upper right prong to the left as indicated in the image.
- Slide the battery out.

Step 2 — Fan



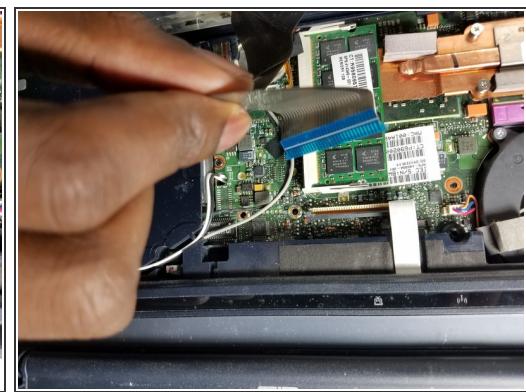
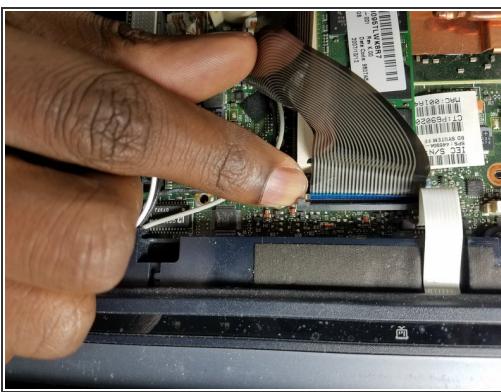
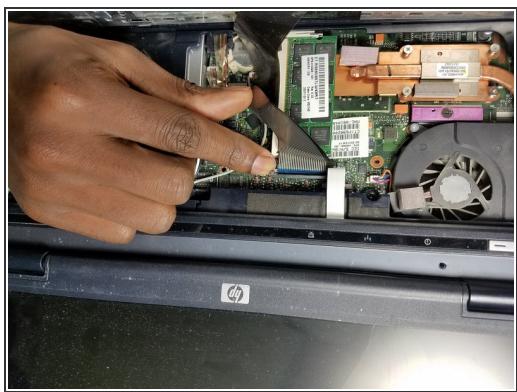
- Look for tabs in between esc and f1, f4 and f5, f8 and f9, f12 and scroll.
- Pull these tabs towards you.

Step 3



- Flip the laptop over and on the back of the center of the keyboard there is a screw with a rectangle beside it that looks like a keyboard. Remove this Phillips 5mm screw and another similar screw in the back top left of the keyboard.
- Then carefully lift the keyboard out of place with your fingernails or a plastic opening tool.

Step 4



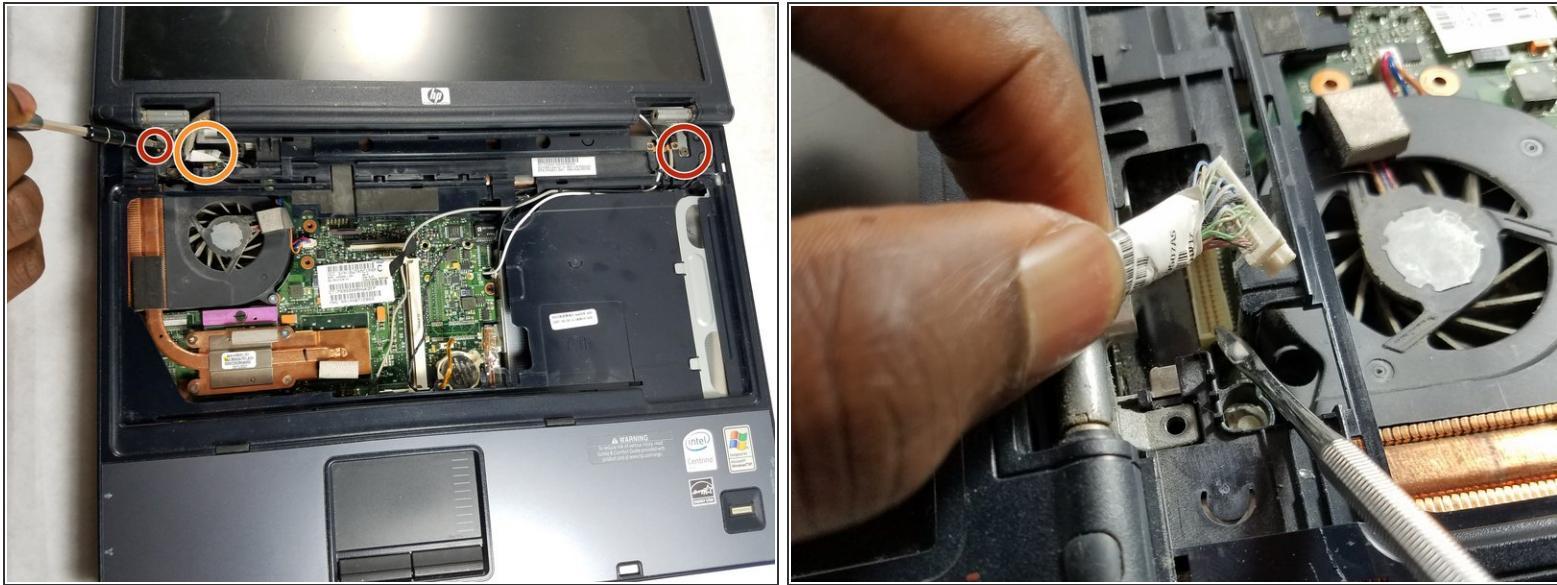
- There will be a metallic film attached to the keyboard from the motherboard. A black latch runs along the film keeping it in place. Lift the latch and detach the film; remove it to fully remove the keyboard.

Step 5



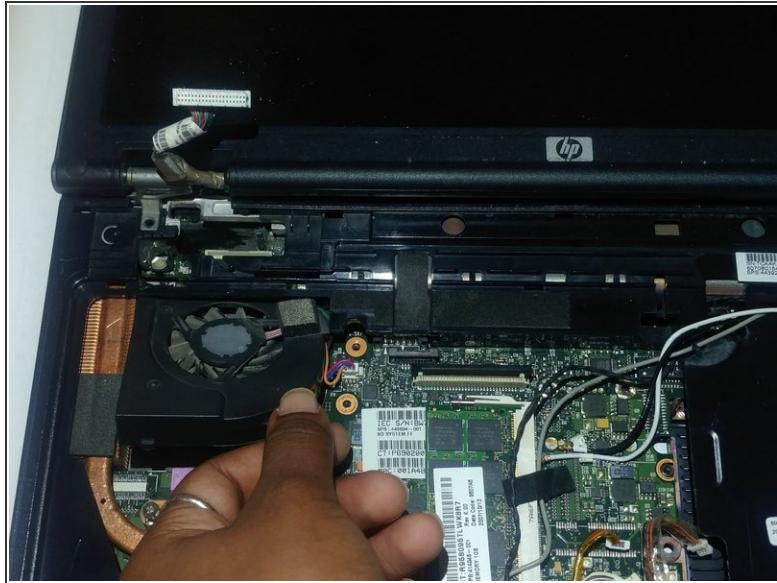
- Carefully undo the white film the same way you took out the metallic film
- Once this film is removed the bar with the power button and media tools above the keyboard will pop out of place using a spudger.

Step 6



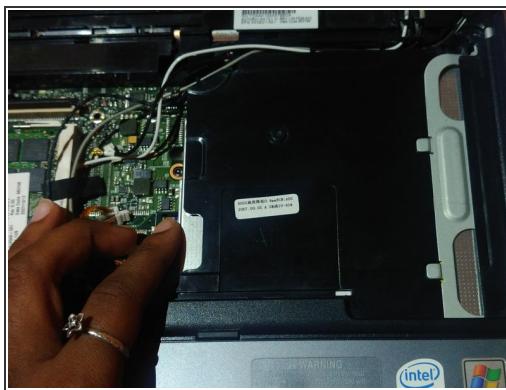
- Underneath, a metal clamp will be revealed with two Torx Security T7 17mm screws. Unscrew these.
- Carefully lift the cable out of place that is to the right of it.

Step 7



- Unscrew these two JIS #1 5mm screws on the fan.
- Carefully unplug the fans' wires.
- Remove the fan and put in new one.

Step 8 — CD Drive



- Push the CD drive out using your finger.

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