HP Pavilion 17-f004dx Keyboard Replacement

This guide will show you how to replace your device's keyboard.
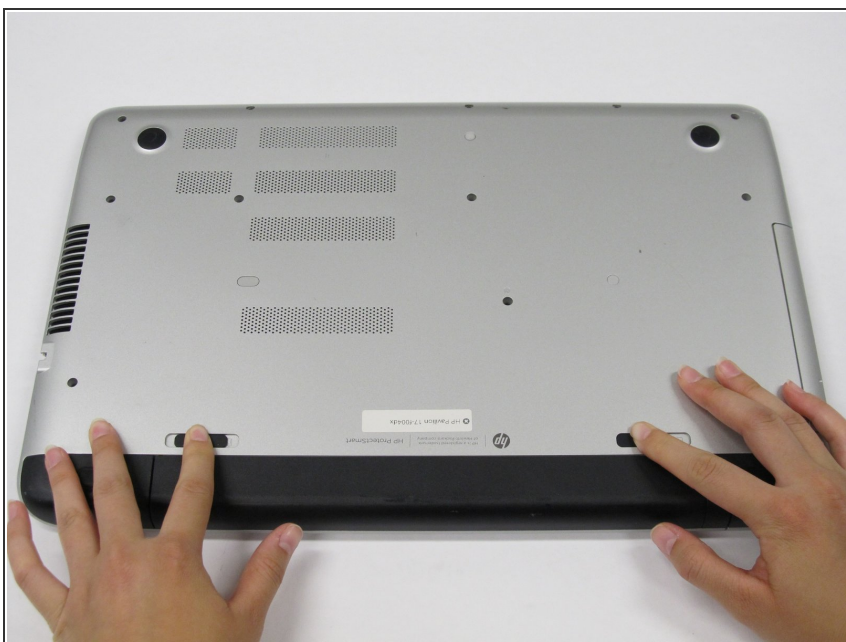
Written By: Chi Huynh

INTRODUCTION

Please note that laptop keyboard removal is not an easy process and will take time and patience, particularly when reinstalling your new keyboard.
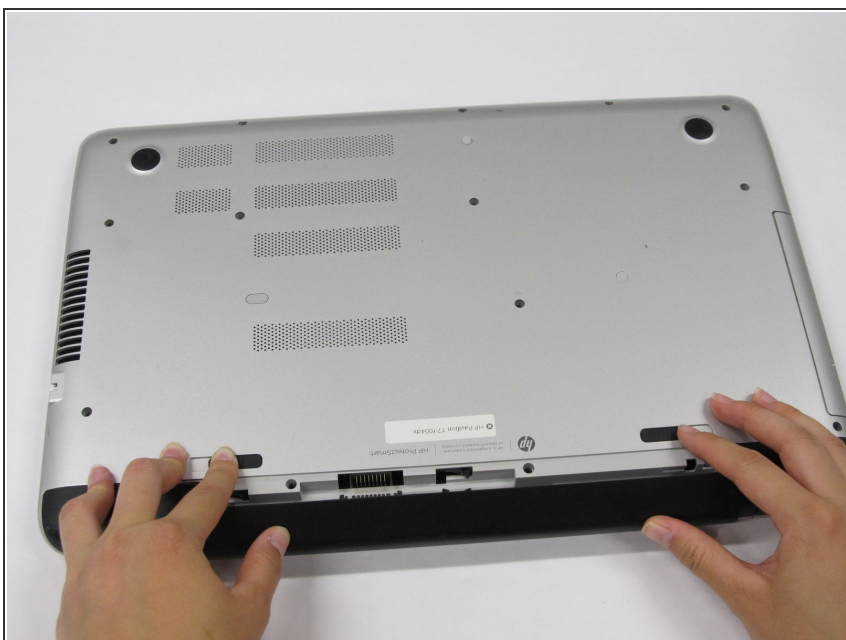
🔧 TOOLS:

- Metal Spudger (1)
- Phillips #0 Screwdriver (1)
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)

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Step 1 — Battery

⚠ Before you remove the battery, make sure the laptop is powered off.

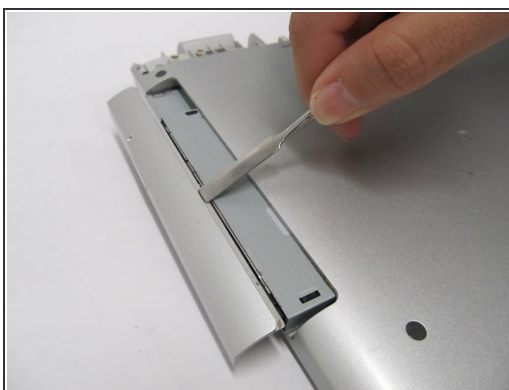● Slide the black battery latches inward to remove the battery.

Step 2

● Pull the battery out towards you while your fingers are still holding the latches in place.

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Step 3 — CD Drive

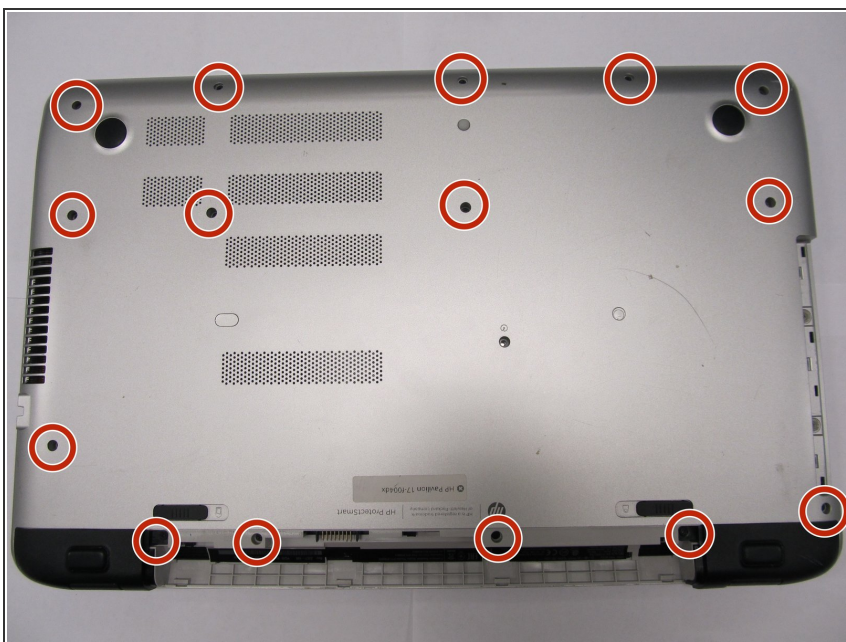

- Remove one 7 mm screw with a Phillips #1 screwdriver.

Step 4

- Use a metal spudger to push the CD drive out of its slot for removal.

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Step 5 — Front Panel

● Remove fifteen 7 mm screws with a Phillips #1 screwdriver.

Step 6

● Remove the thin plastic cover using the flat metal spudger to expose another screw.

● Remove one 7 mm screw with a Phillips #0 screwdriver.

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Step 7

- Use a metal spudger to remove the rubber "feet" to expose two screws.

Step 8

- Underneath each rubber foot, there is a screw.
  - Use the Phillips #1 screwdriver to remove a 4.8 mm screw on each side.

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Step 9

- Remove the two black end caps to expose more screws.
- (i) The end caps will require some force to remove.

Step 10

- Remove the following six screws with a Phillips #1 screwdriver:
  - Two 7 mm screws.
  - Two 7 mm screws.
  - Two 4.8 mm screws.

Step 11

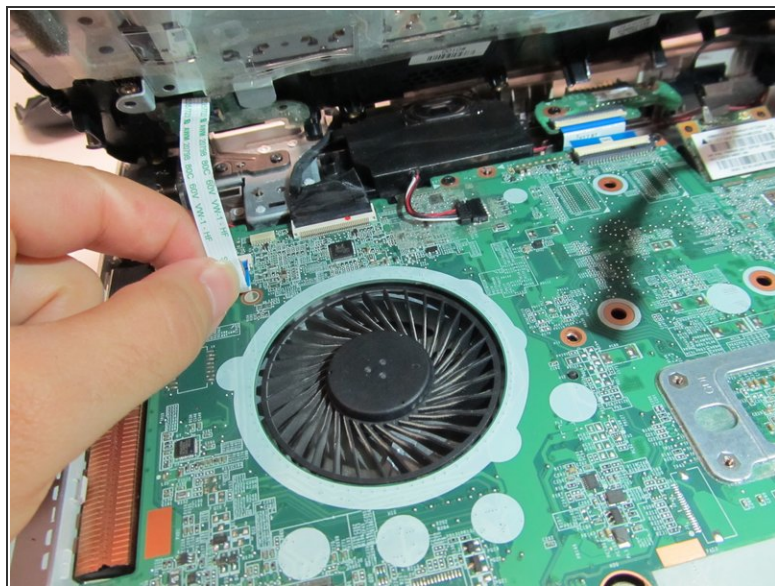- Remove two 2.4 mm broadhead screws from the CD Drive bay with a Phillips #0 screwdriver.

Step 12

- Flip the laptop back over. Then, with the laptop open, move the plastic prying tool around the top cover to pry it from the enclosure.

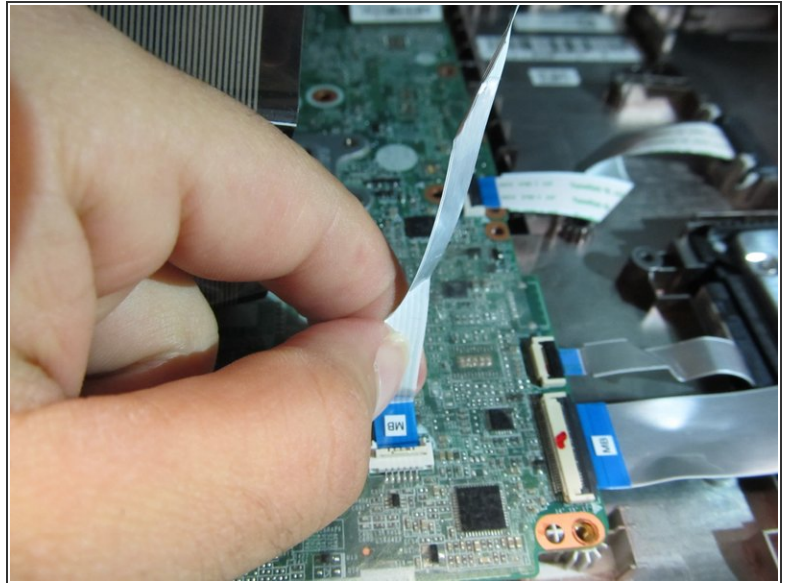This document was generated on 2020-11-22 02:35:43 PM (MST).

Step 13

- Partially lift the top cover from the enclosure.

Step 14
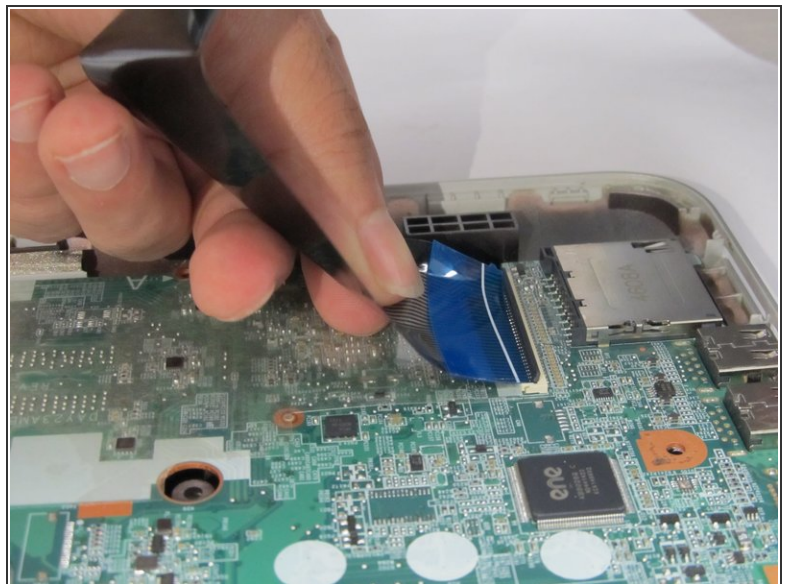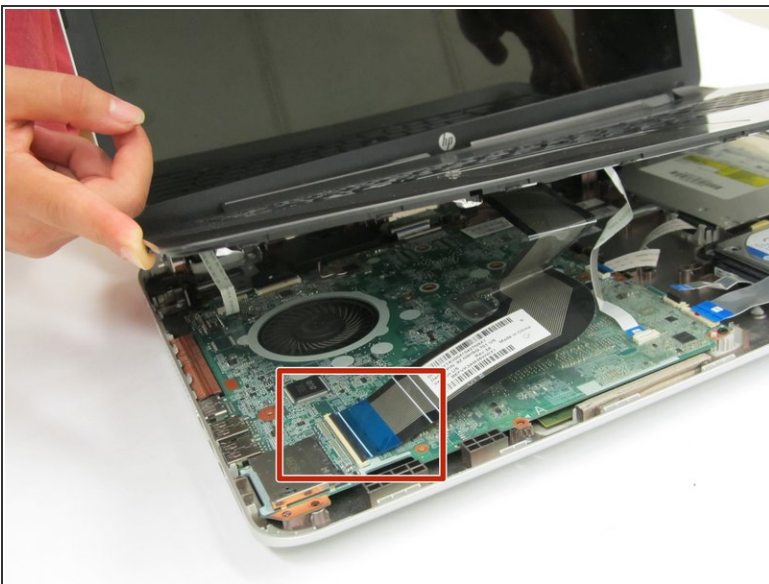

- Remove the ribbon connecting the power button to the motherboard.
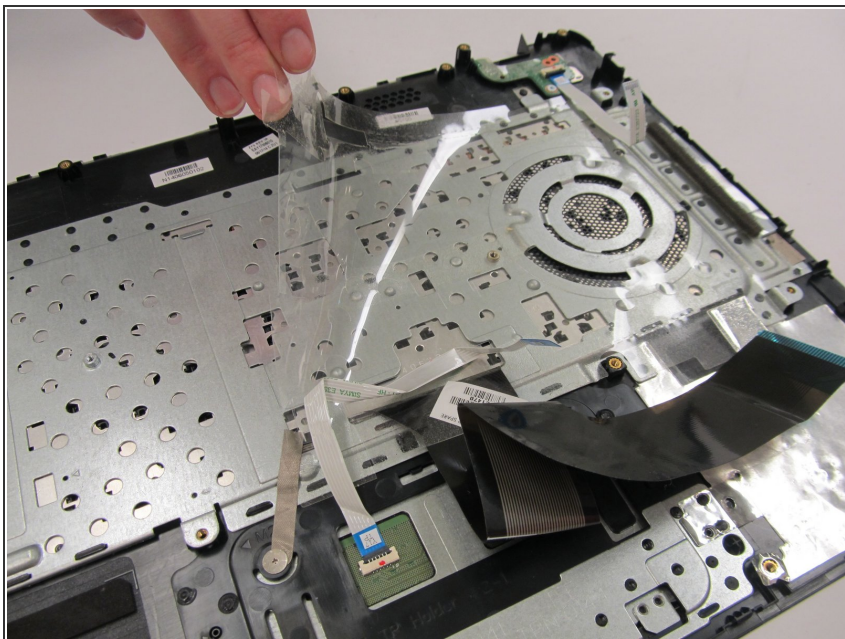

Step 15

- Remove the ribbon connecting the mousepad to the motherboard.
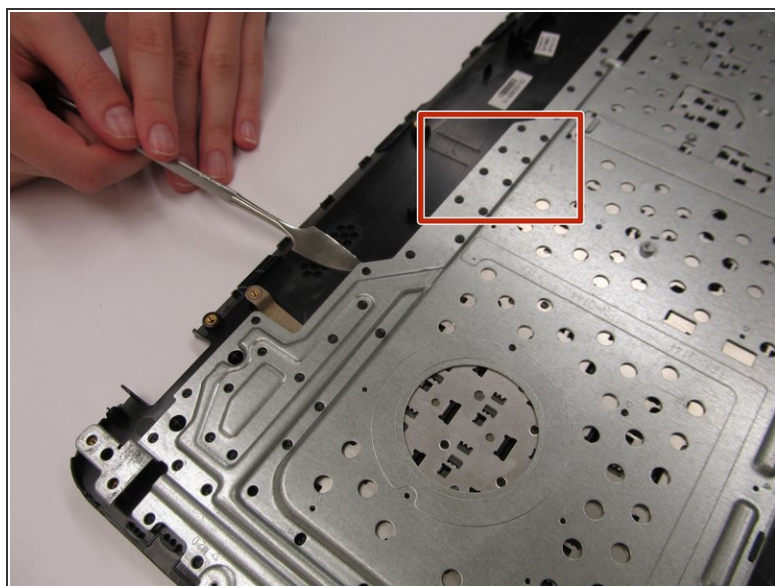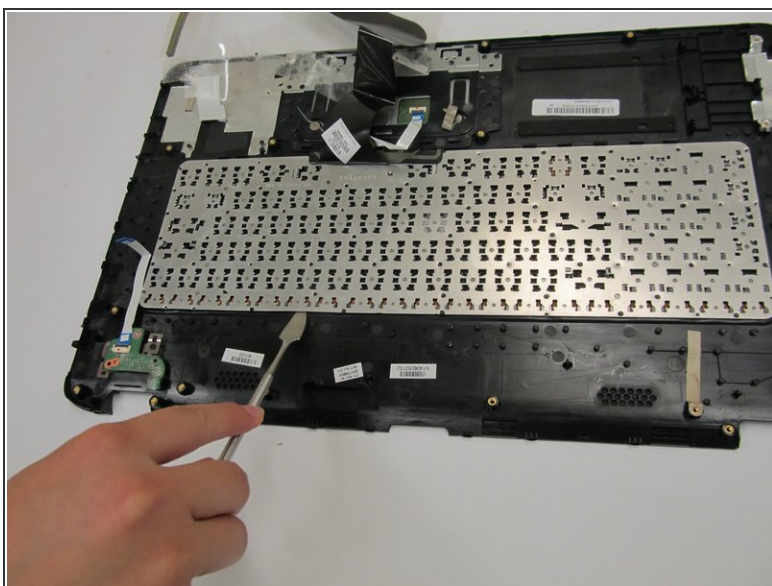
Step 16

- Remove the ribbon connecting the keyboard to the motherboard.

- You may now fully lift the front panel from the rest of the laptop.

Step 17 — Keyboard

- Turn the front panel over and partially remove the clear plastic covering the keyboard casing.
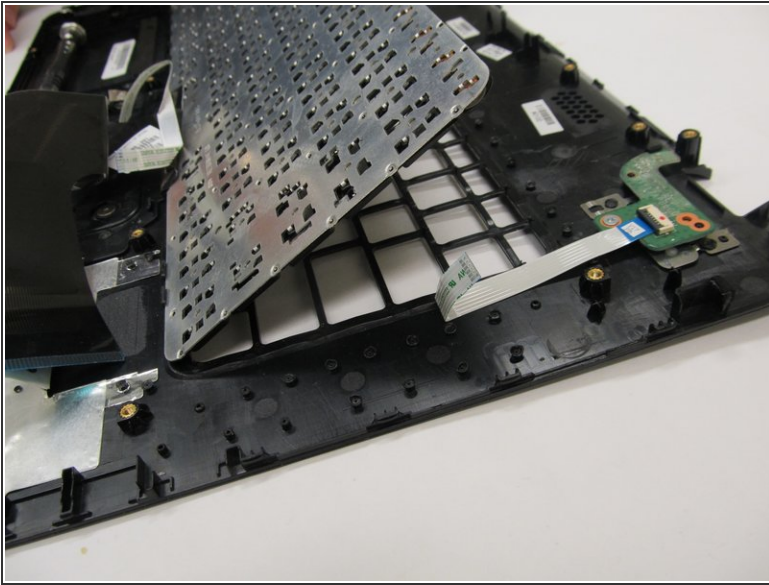
Step 18

⚠️ Plastic debris may scatter while lifting the metal housing. These pieces are indicated in red.

- Use a metal spudger to remove the metal housing from the front panel.

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Step 19

- Lift the metal housing from the front panel to separate the keyboard from the top panel.

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