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HP Envy dv7t-7200 Fan Replacement

Use this guide to replace a faulty fan on your HP Envy dv7t-7200 if your laptop is getting too hot, is loud, or is overused.

Written By: Krystal

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🔧 TOOLS:

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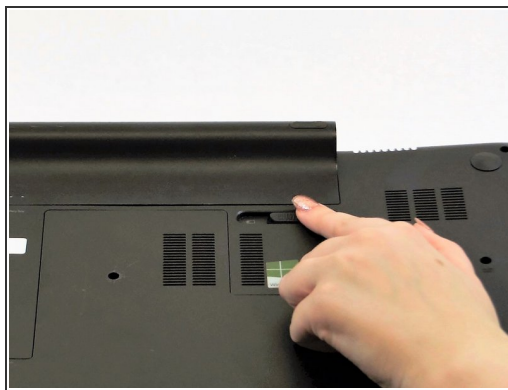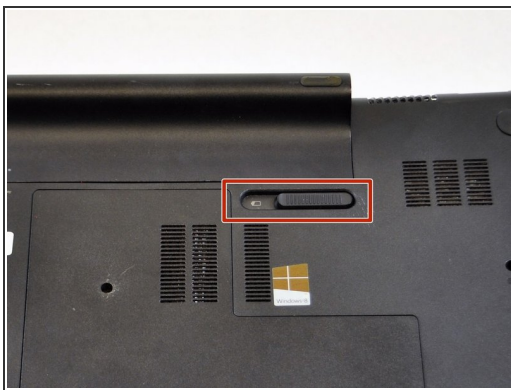- Metal Spudger (1)
- Phillips #1 Screwdriver (1)

Step 1 — Battery

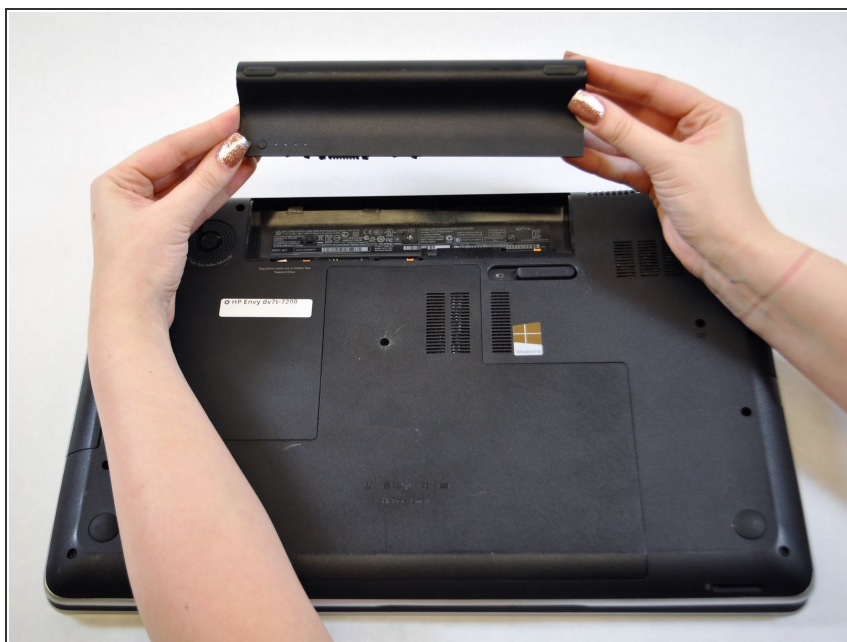⚠ Turn the power off and disconnect all cables and cords from the laptop.

● Place the computer on its top on a flat surface with the hinges facing away from you.

Step 2

● Slide the battery release latch to the left which is located on the right-hand side of the battery.
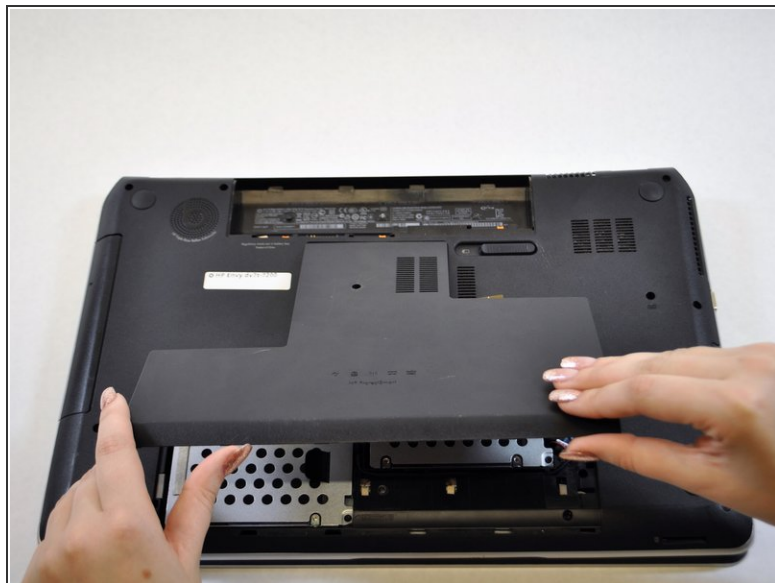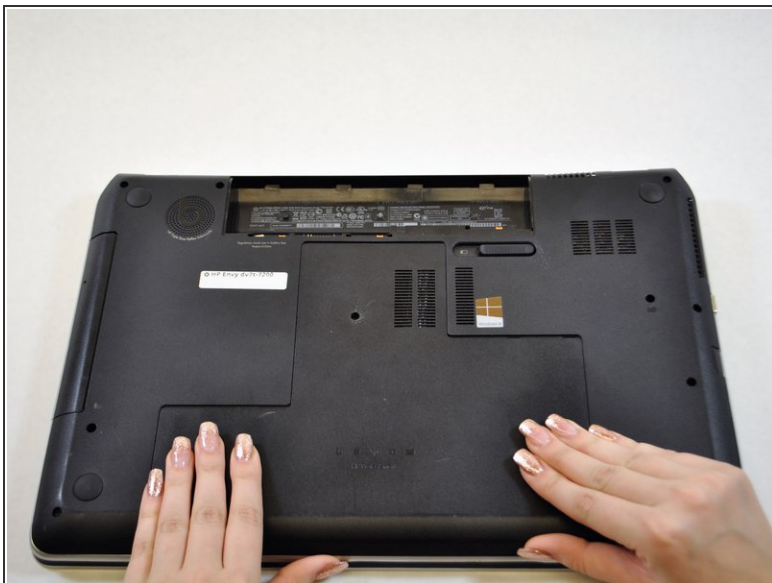
Step 3

- Tilt the battery away from you and lift out.

Step 4 — Service Cover

- Using a Phillips #01 screwdriver, remove the Phillips PM2.5×5.5 screw on the service cover.

- ⓘ This screw does not come out of the service cover completely once loosened.

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Step 5

- Slide the service cover toward the front of the laptop.

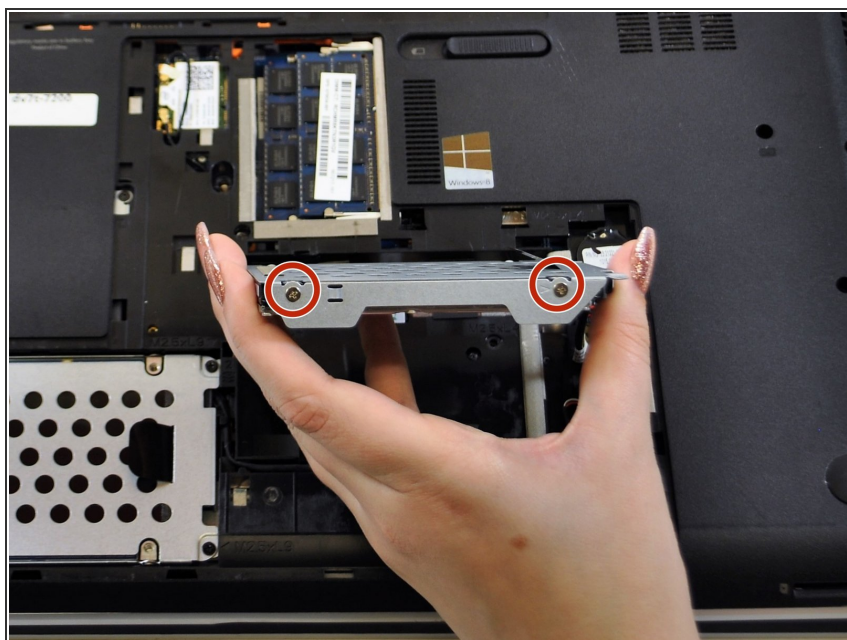- Lift the service cover to remove it from the laptop.

Step 6 — Hard Drive
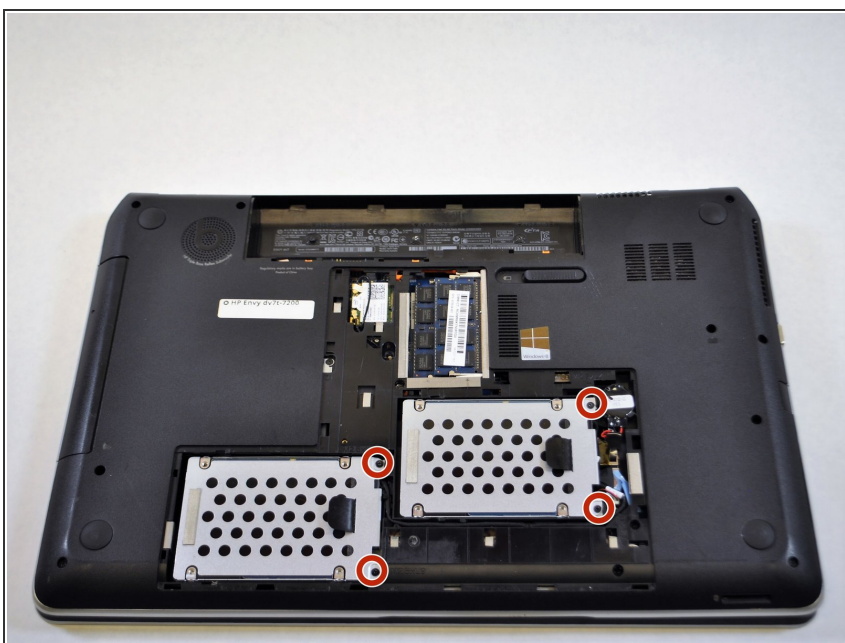
- Remove the 2 Phillips PM2.5×5.5 top screws from brackets on both hard drives.

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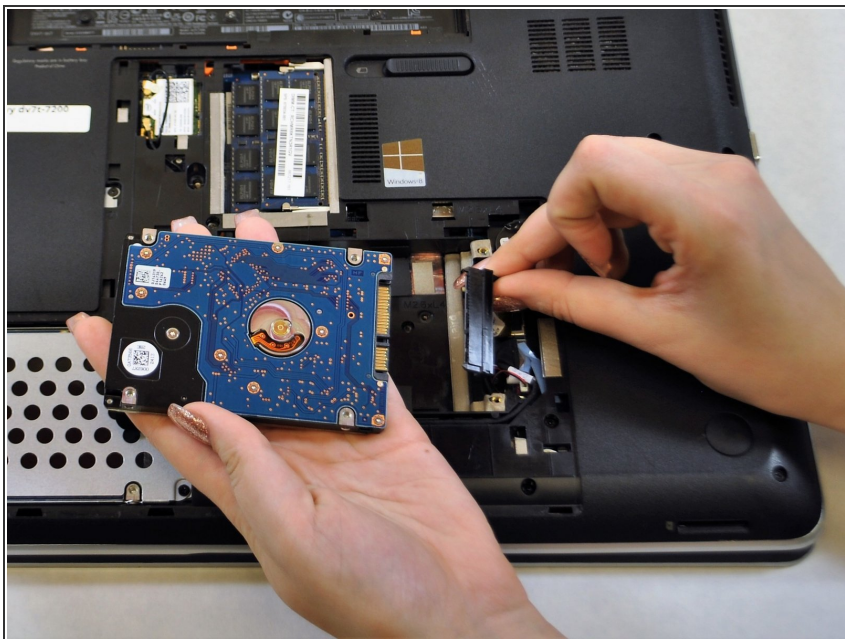
Step 7
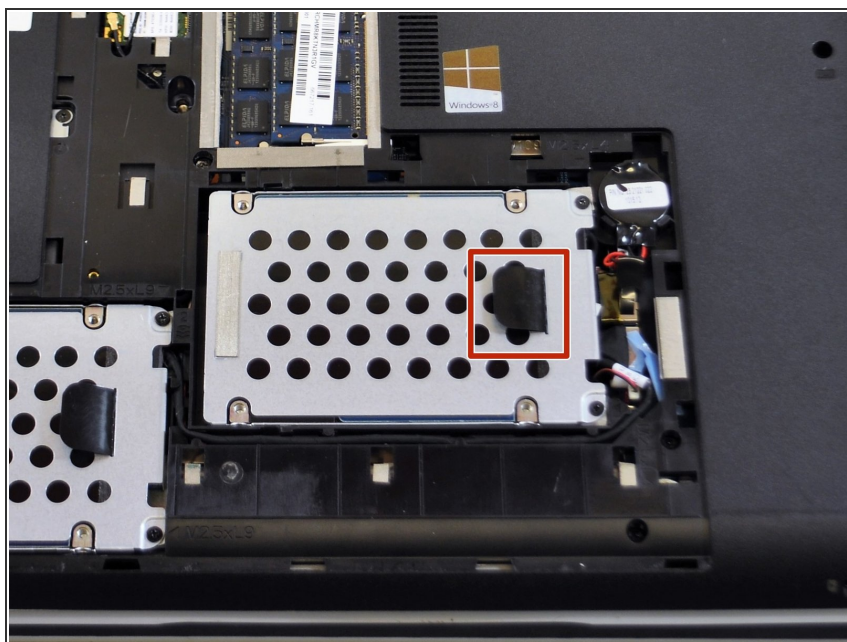
- ⓘ Remove the primary drive first located on the right hand side.

- Use the black tab to lift the drive up and out.
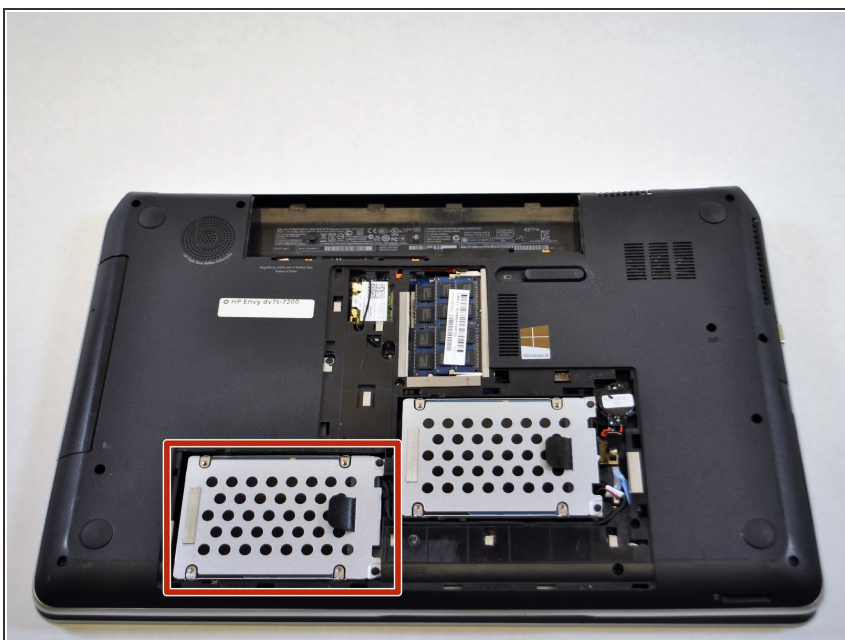
Step 8

- Remove the 2 Phillips PM2.5×5.5 screws on each side of the drive bracket.

Step 9

- Remove the hard drive connector cable.

- (i) This cable can be difficult to remove. Try to pull this cable firmly and carefully.
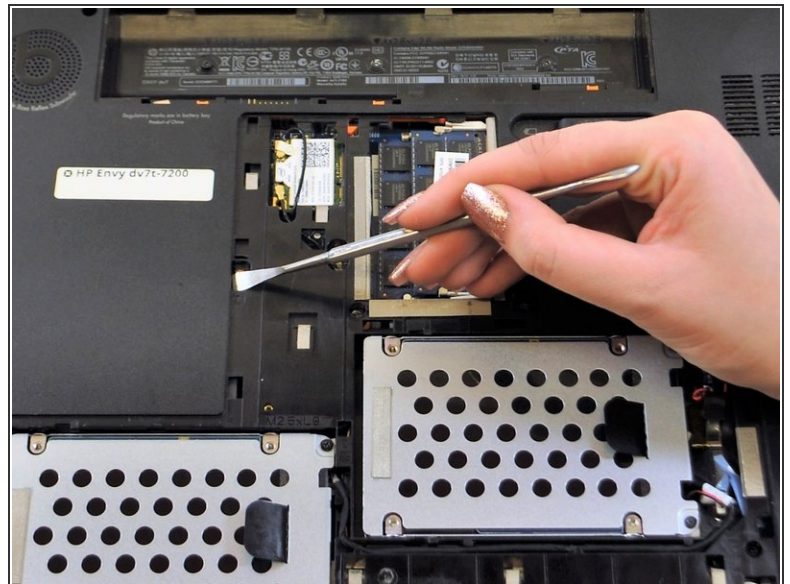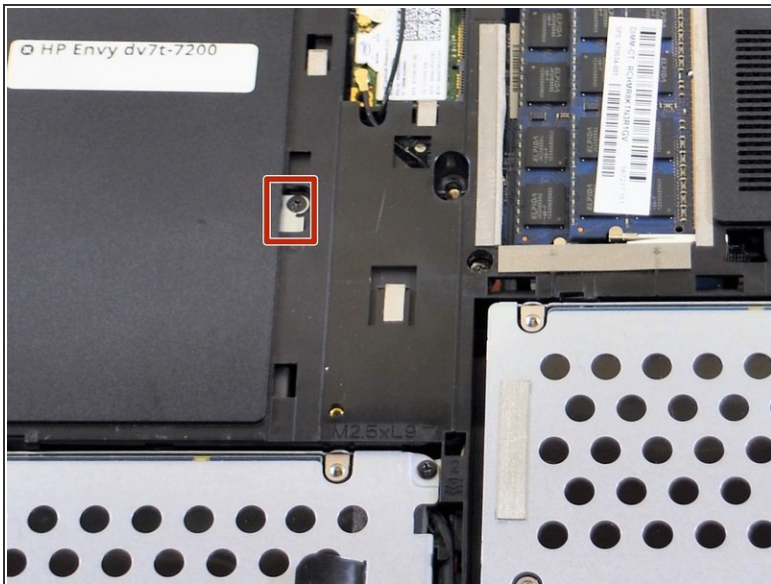
Step 10

- Repeat steps 6-9 for the secondary hard drive.
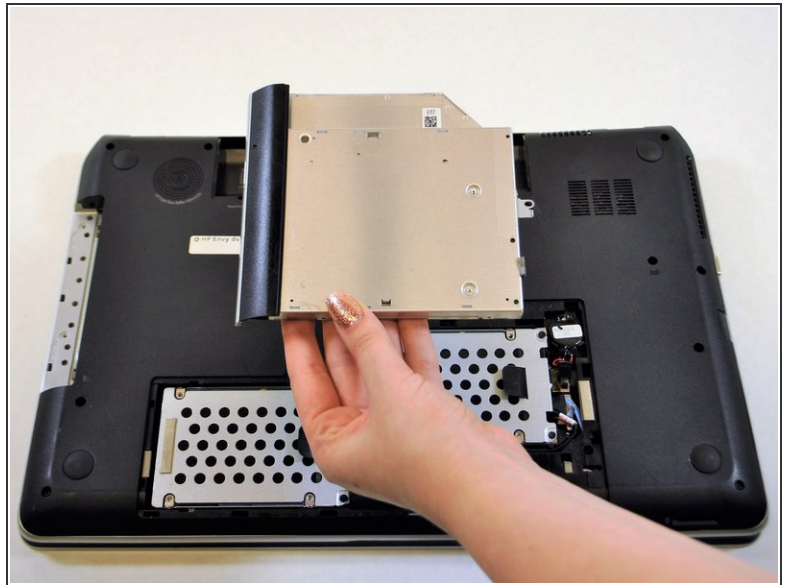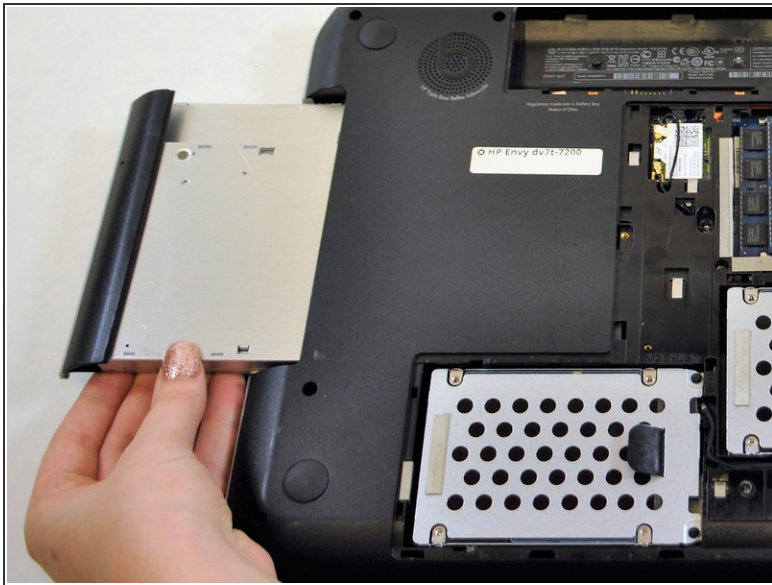
Step 11 — Optical Disc Drive

- Remove the Phillips PM2.5×4.0 screw that attaches the optical drive to the laptop.

Step 12

- Press the tab with a metal spudger that is located next to the screw to release the optical drive.

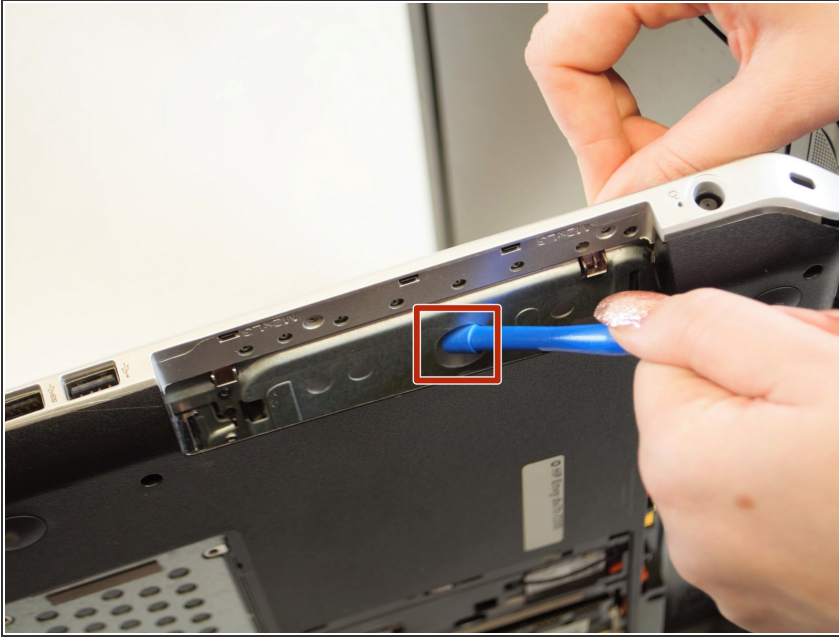This document was generated on 2020-11-15 02:55:09 PM (MST).

Step 13

- Slide the disk drive out of the laptop.

Step 14 — Keyboard Assembly

- Place the laptop on it's top

- Remove the two screws that secure the keyboard to the laptop.

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Step 15

- Stand the laptop on it's left side with it's top open.

- Locate the circular opening in the optical drive slot.

- Using a plastic opener, press on the keyboard through this opening until it lifts the keyboard away.

Step 16
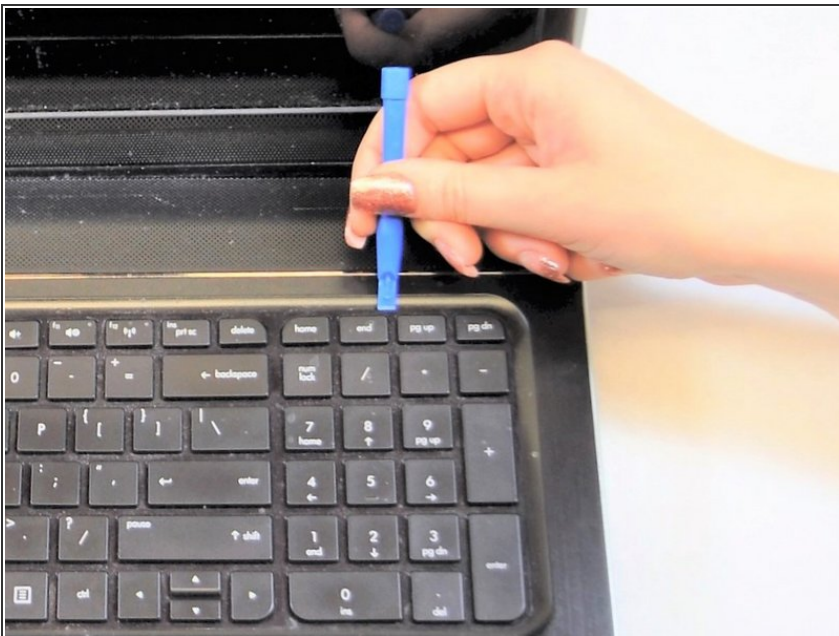
- Place the laptop on it's back with the front facing you.

- Using a plastic opener, lift the back of the keyboard towards you releasing it from the lip that holds it.

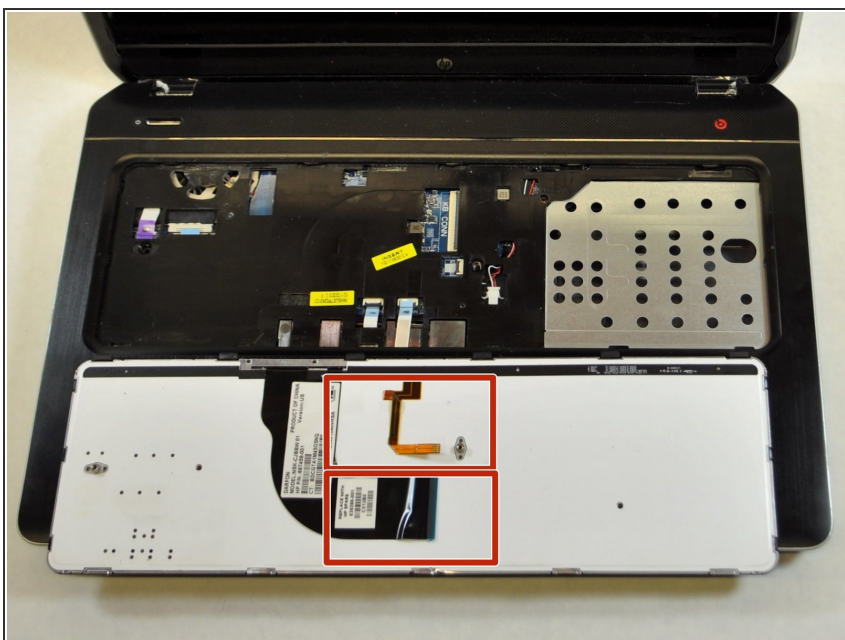- (i) You will hear slight popping noises as the keyboard separates.

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Step 17

⚠ The keyboard is still attached by two ribbon cables. Lift the keyboard slowly during this step.

● Lift keyboard up and place upside down on laptop.
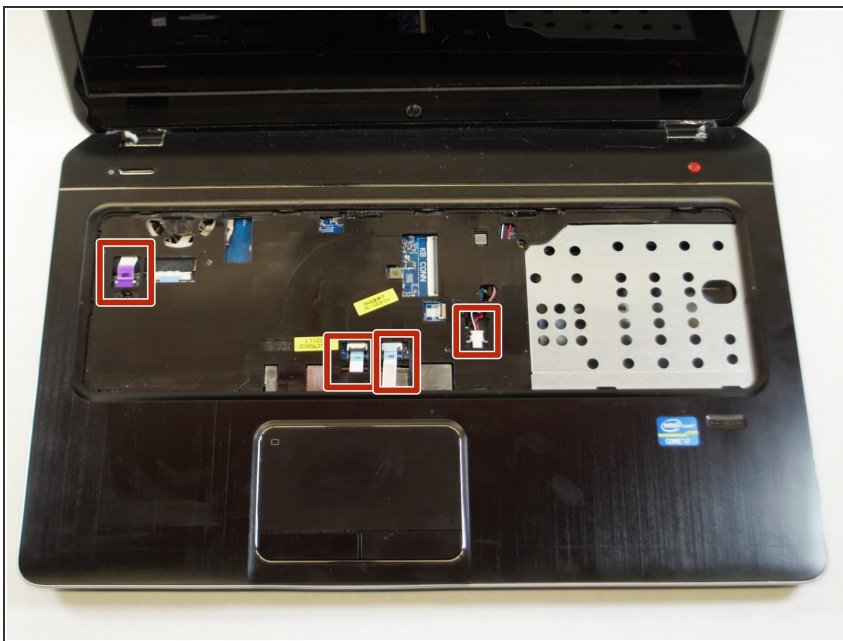
Step 18

● Release the connectors that attach the keyboard to the laptop.

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Step 19

- Remove the keyboard.

Step 20 — Motherboard

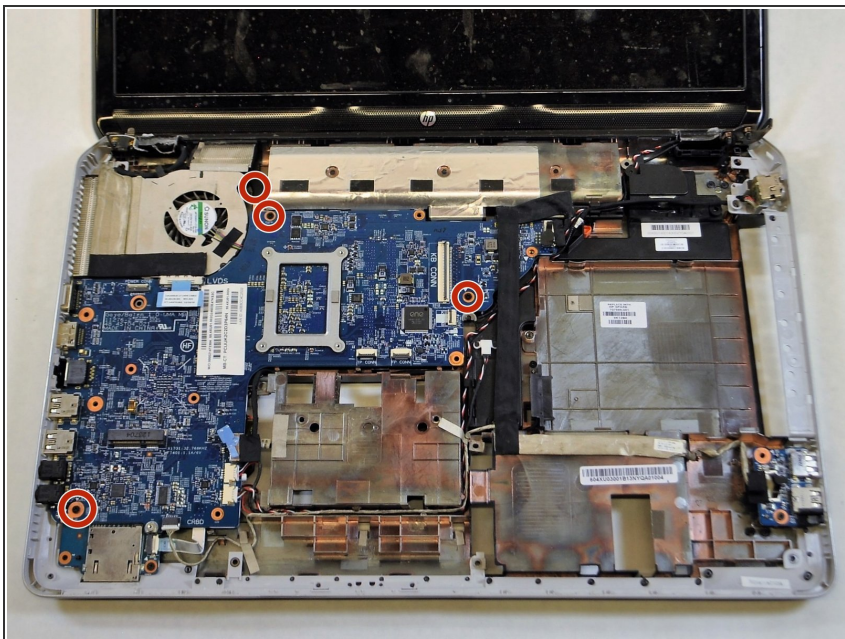- Disconnect the four tabs shown from the laptop.

| |

Step 21

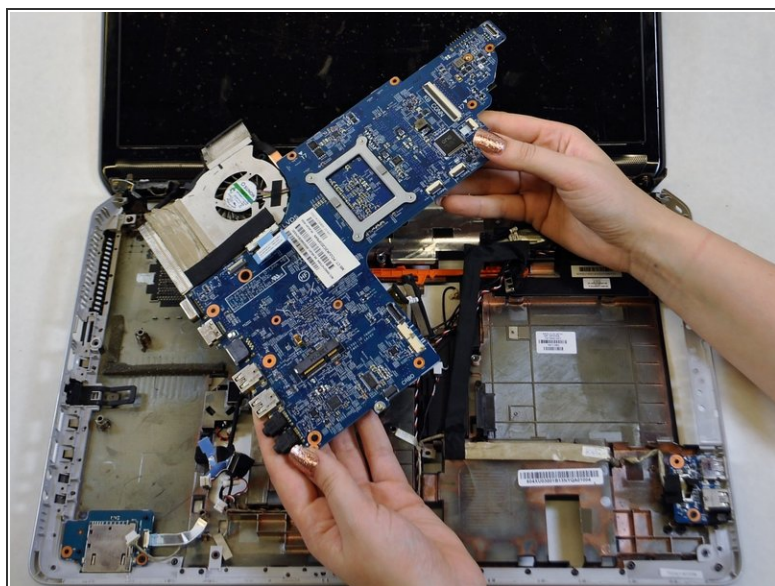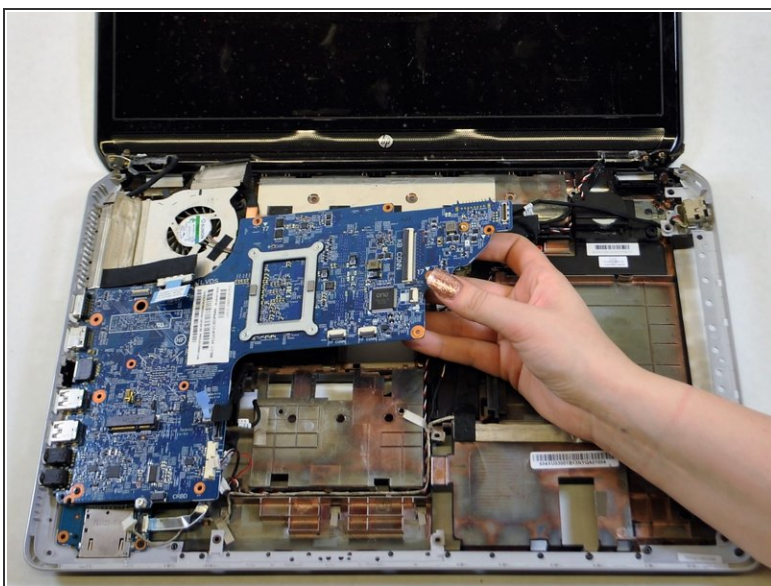- Remove the screw located to the upper left of the disc drive.

Step 22

- Pry open the top panel of the laptop with a metal spudger.

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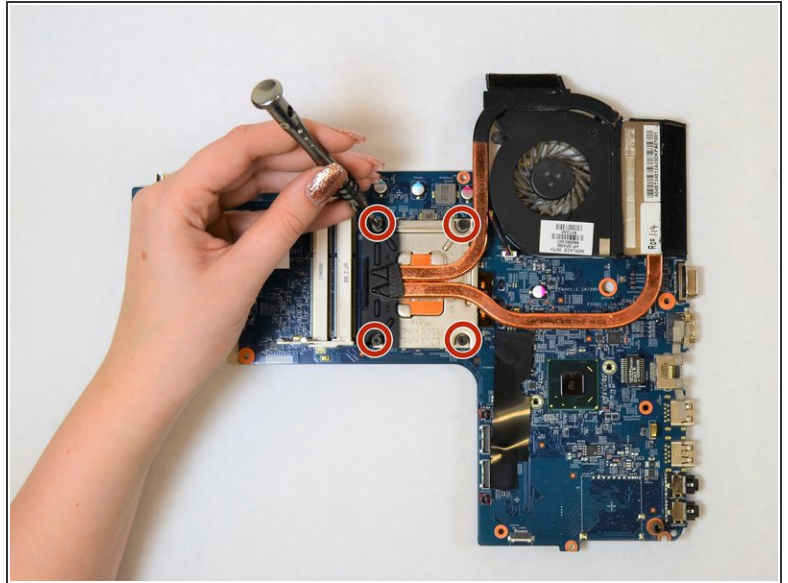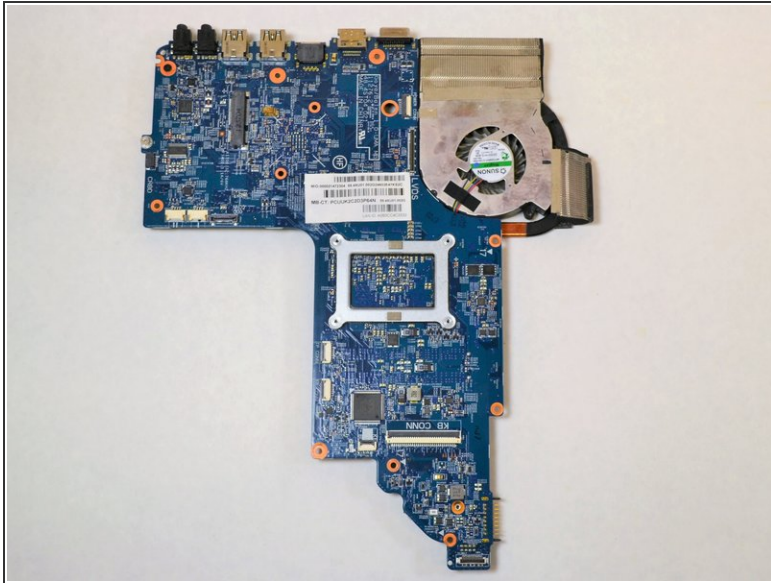
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Step 23

● Remove the screws that hold the motherboard to the frame

Step 24

● Lift the right side of the motherboard

● Slide the motherboard at this angle toward the right

Step 25

- Turn the motherboard over

- Remove the screws that hold the motherboard and the fan together.

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