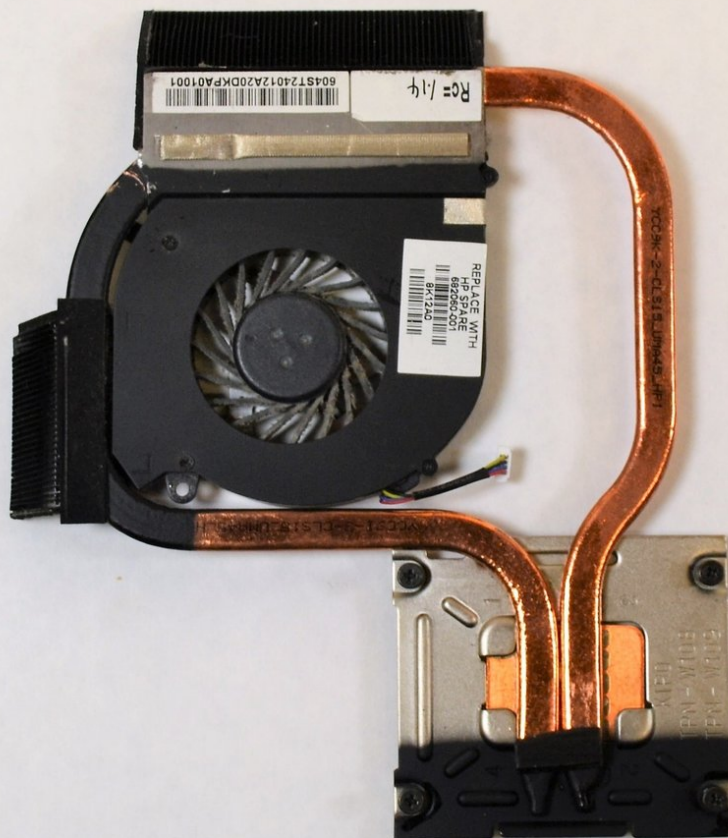




# HP Envy dv7t-7200 Fan Replacement

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






## TOOLS:

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

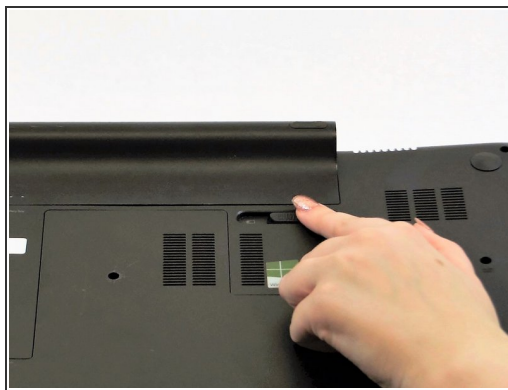
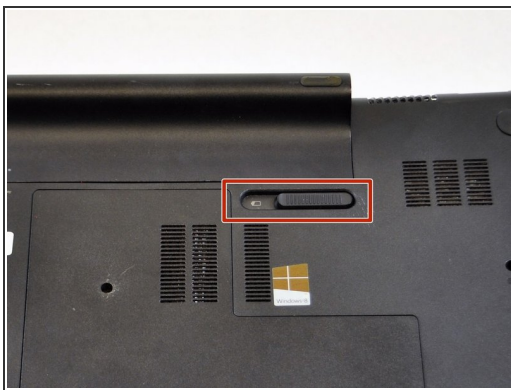
## Step 1 — Battery



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

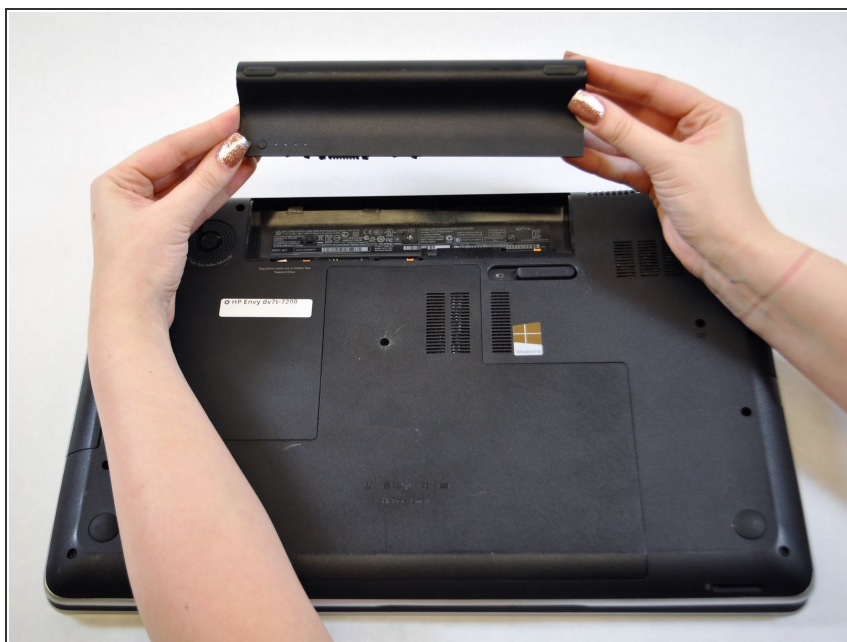
- Place the computer on its top on a flat surface with the hinges facing away from you.

## 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.

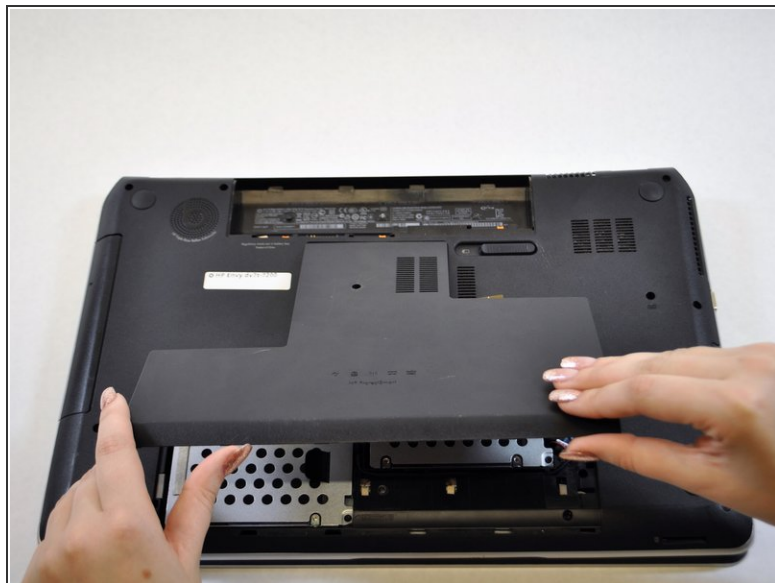
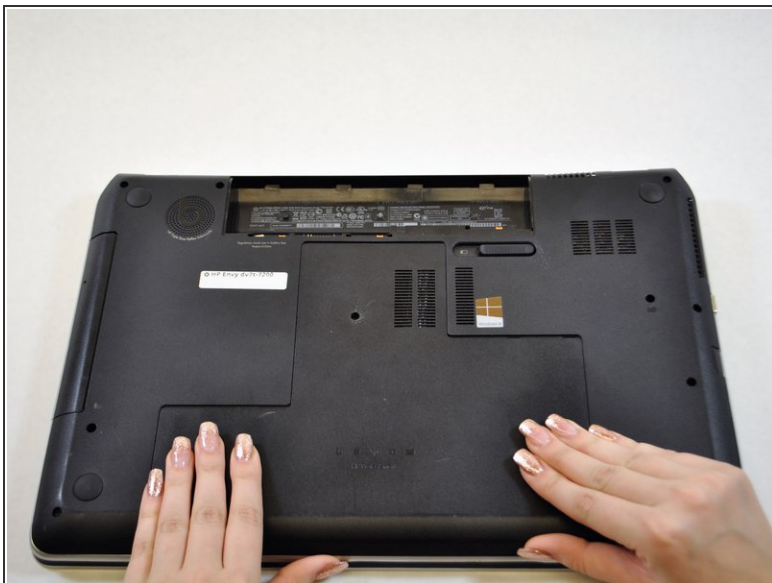
## Step 4 — Service Cover



- 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.

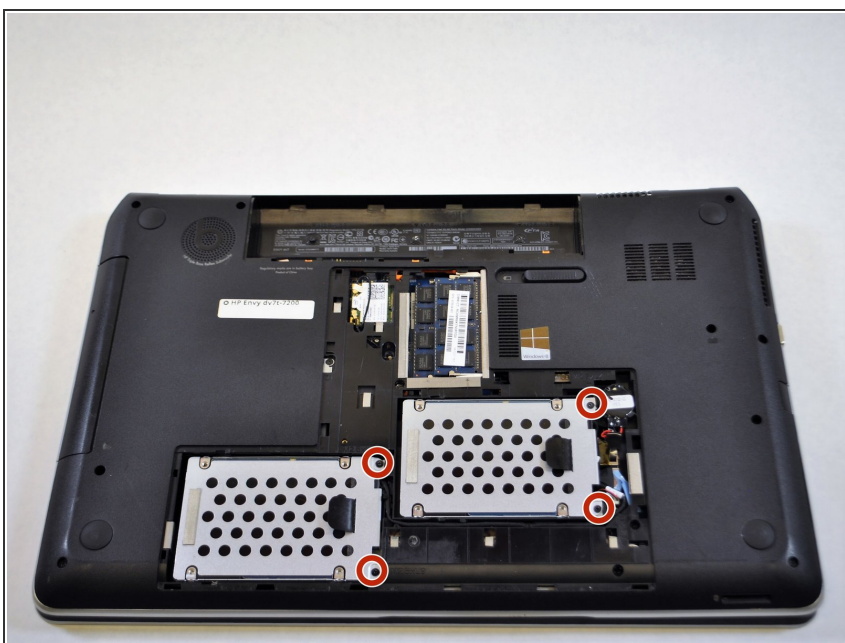


## Step 5



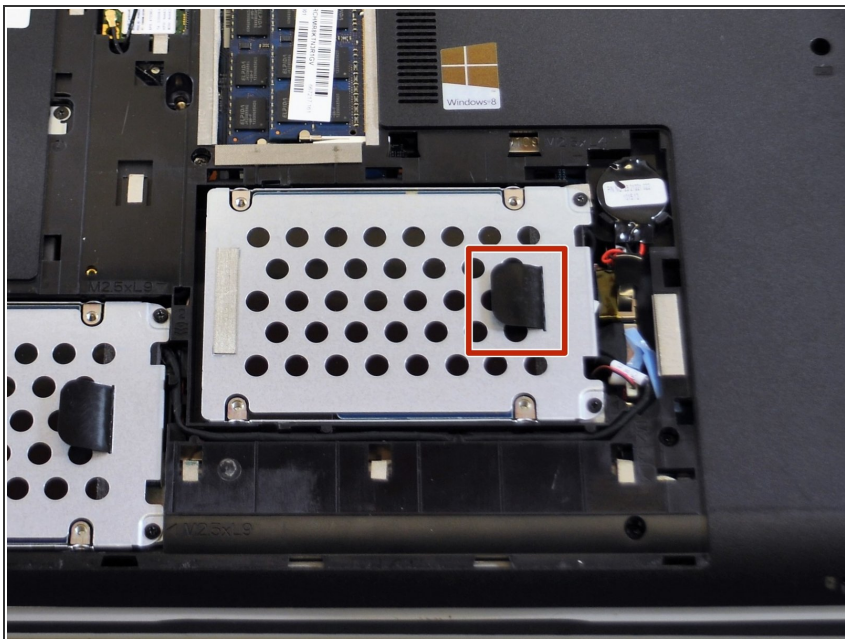
- Slide the service cover toward the front of the laptop.
- Lift the service cover to remove it from the laptop.

## Step 6 — Hard Drive



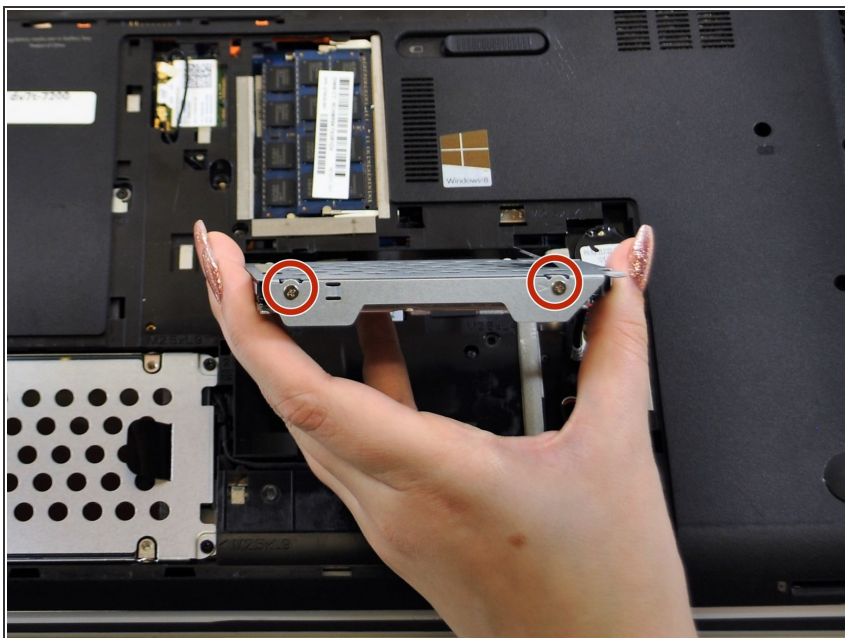
- Remove the 2 Phillips PM2.5×5.5 top screws from brackets on both hard drives.

## Step 7



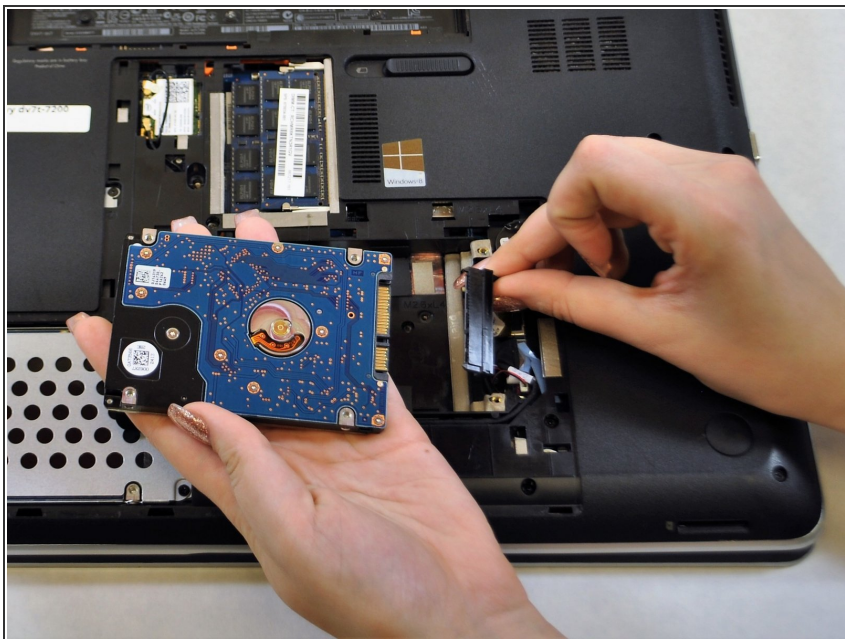
- ❗ Remove the primary drive first located on the right hand side.
- Use the black tab to lift the drive up and out.

## Step 8



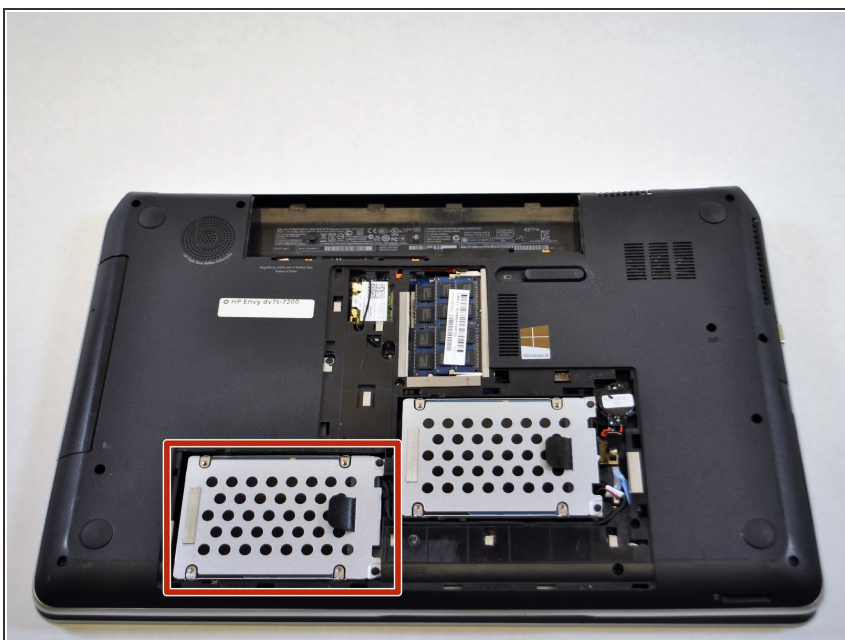
- Remove the 2 Phillips PM2.5x5.5 screws on each side of the drive bracket.

## Step 9



- Remove the hard drive connector cable.
- ⓘ This cable can be difficult to remove. Try to pull this cable firmly and carefully.

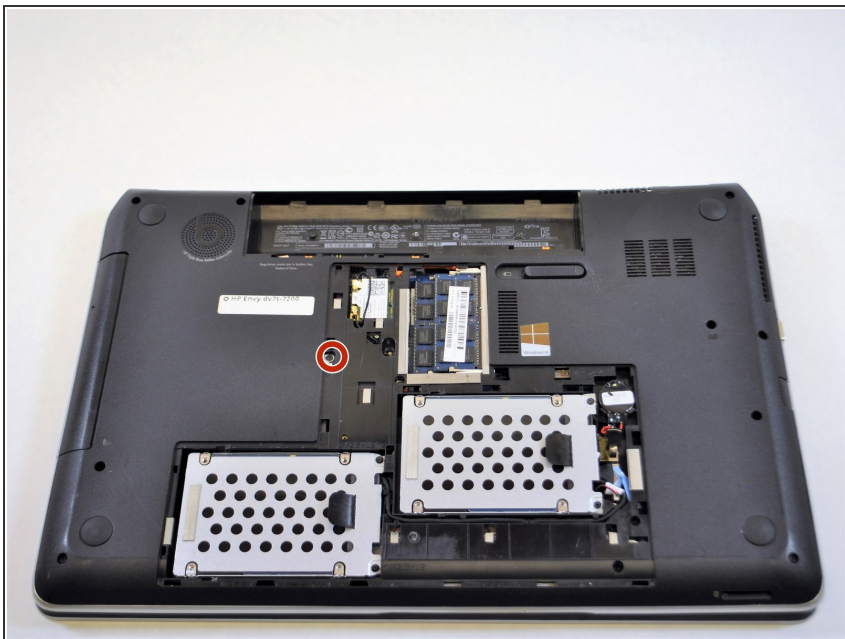
## Step 10



- Repeat steps 6-9 for the secondary hard drive.

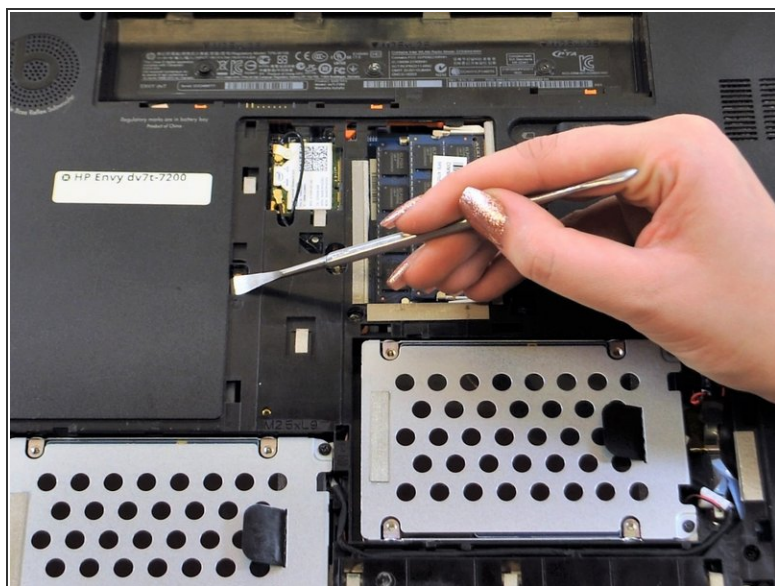
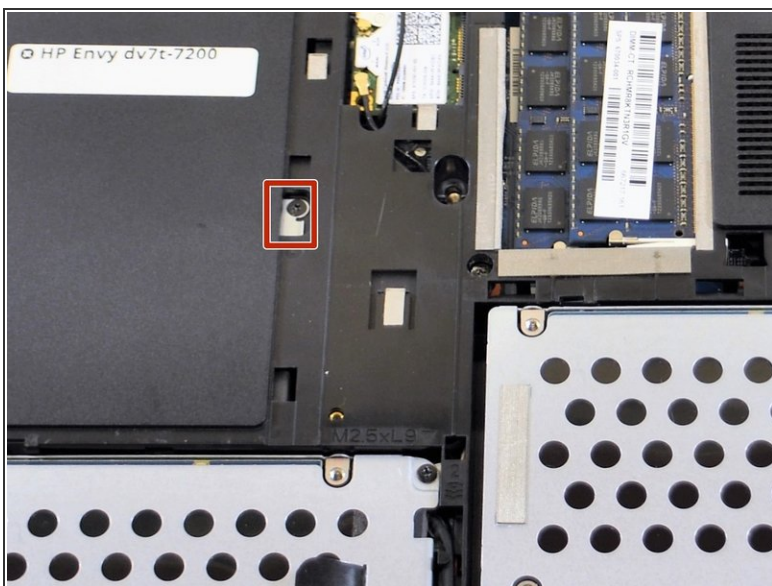


## Step 11 — Optical Disc Drive



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

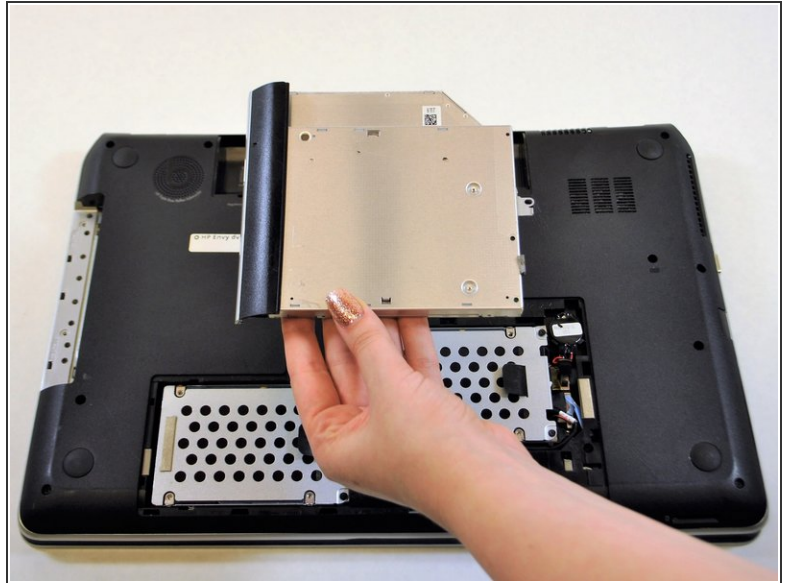
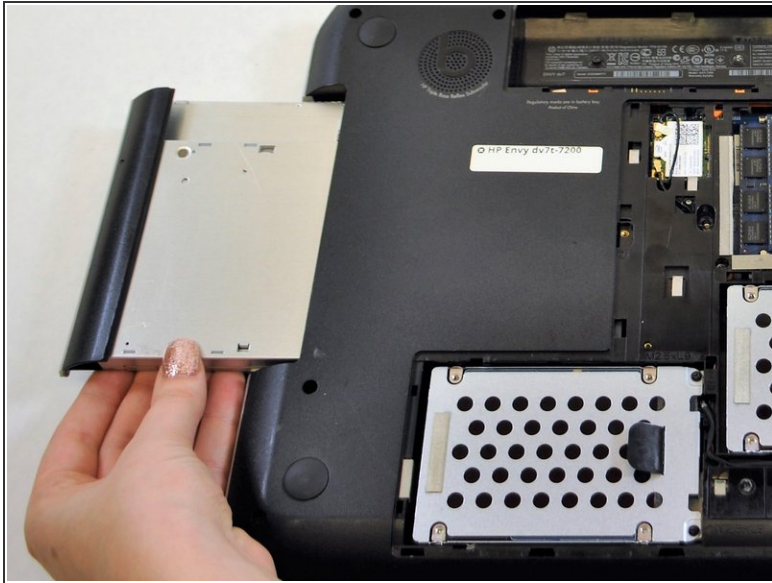
## Step 12



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



## Step 13



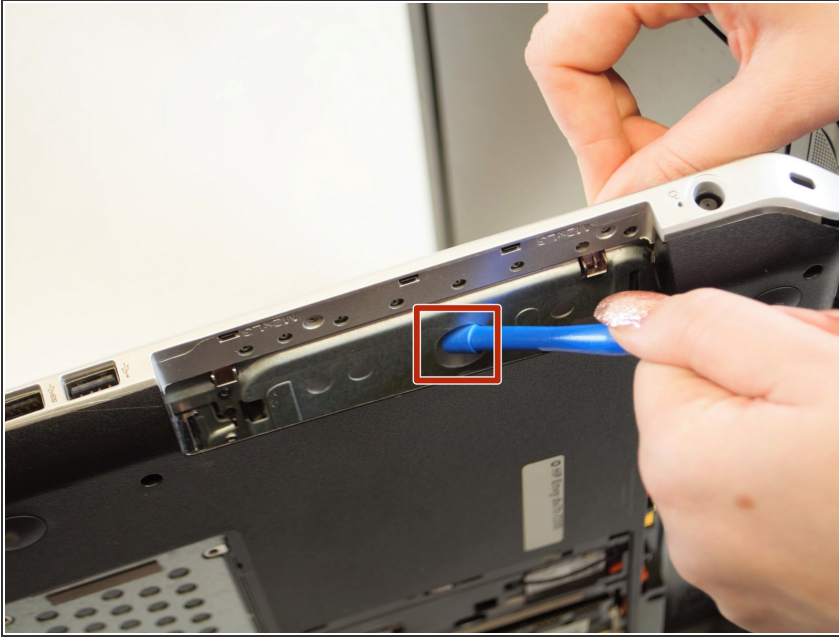
- Slide the disk drive out of the laptop.

## Step 14 — Keyboard Assembly



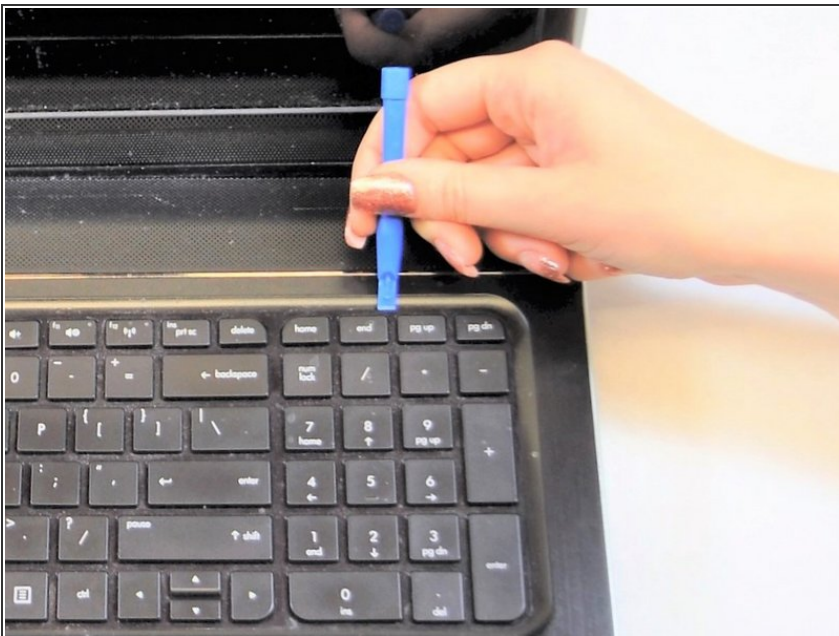
- Place the laptop on it's top
- Remove the two screws that secure the keyboard to the laptop.

## Step 15



- Stand the laptop on its left side with its 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 its 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.



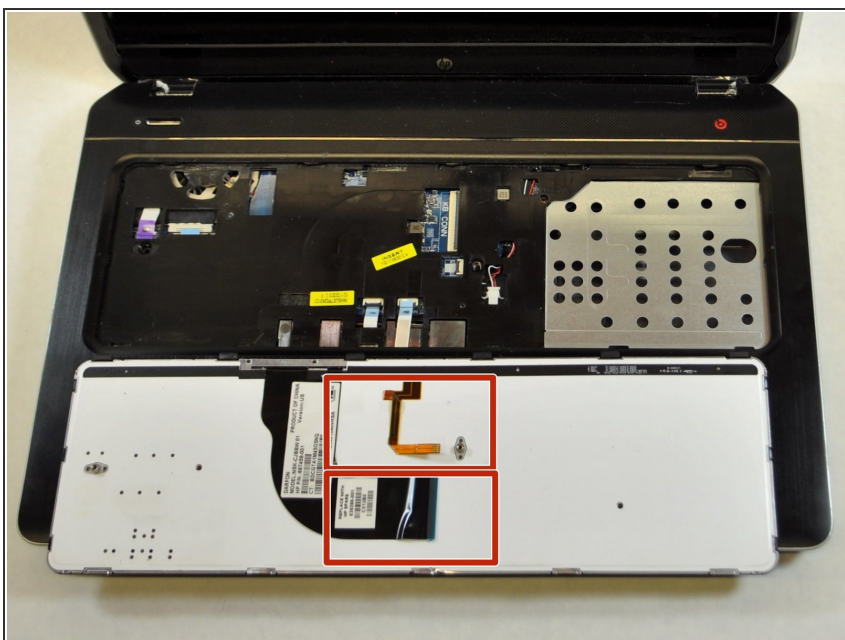
## Step 17



 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.

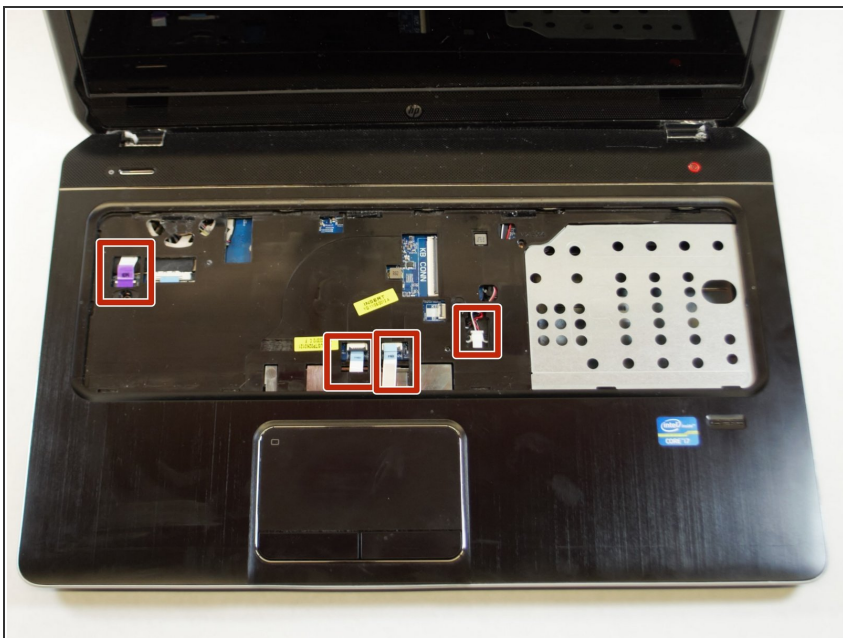


## Step 19



- 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.

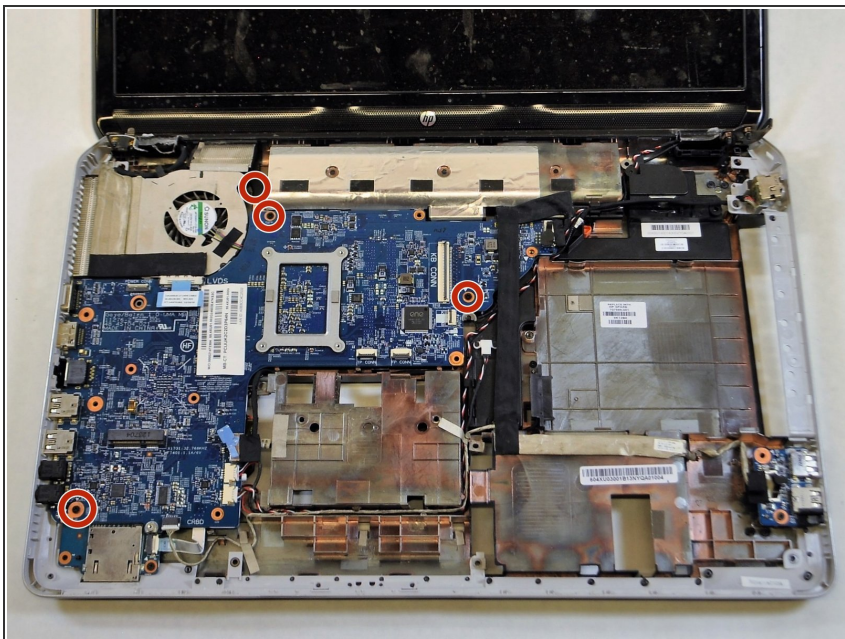
## Step 22



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

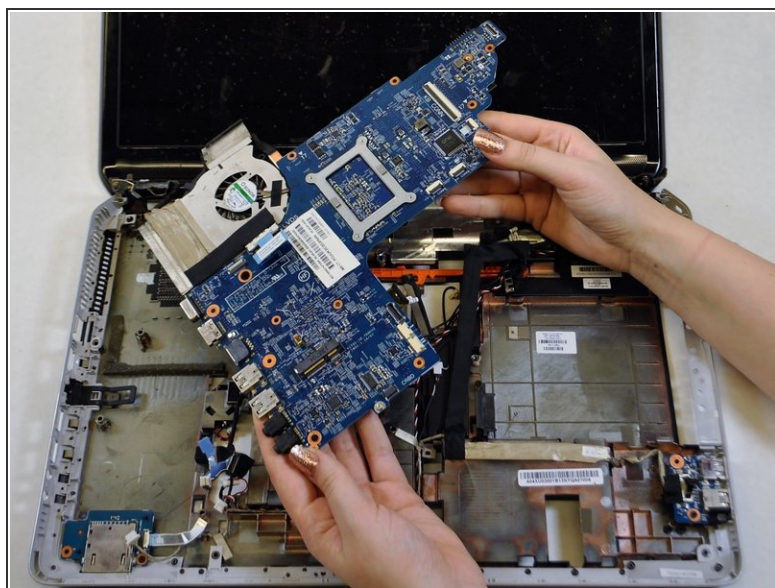
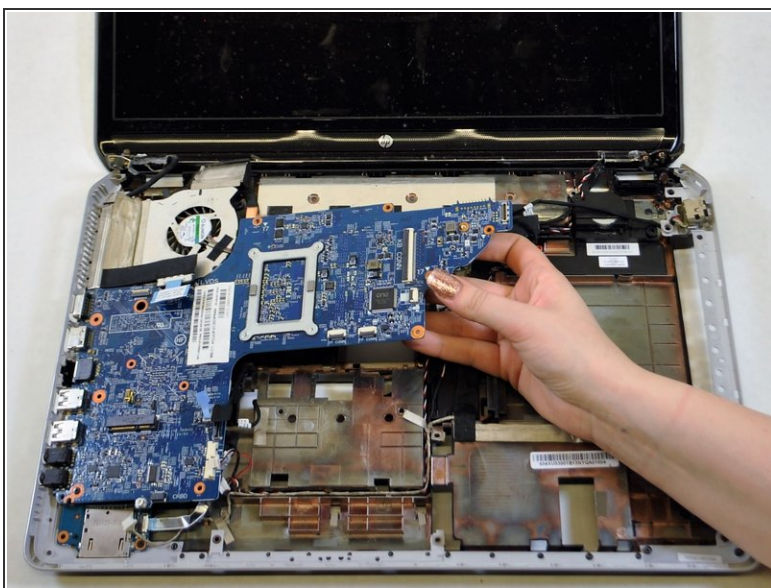


## Step 23



- Remove the screws that hold the motherboard to the frame

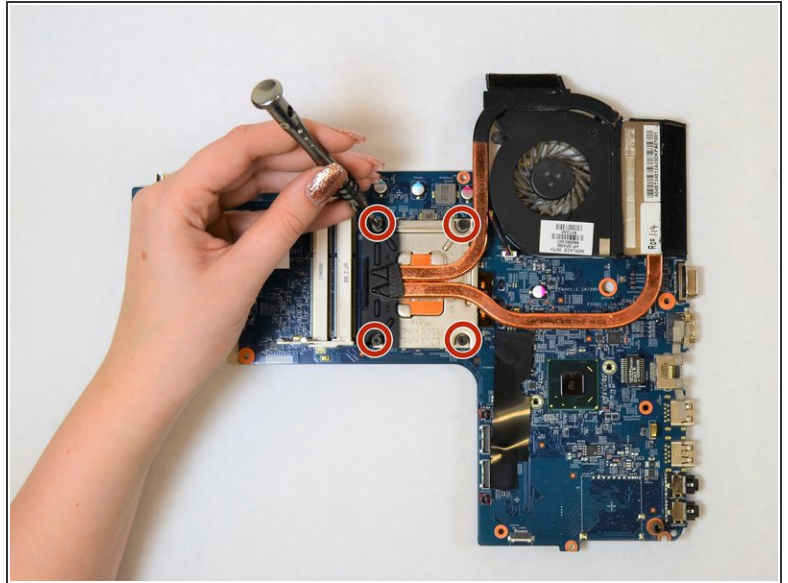
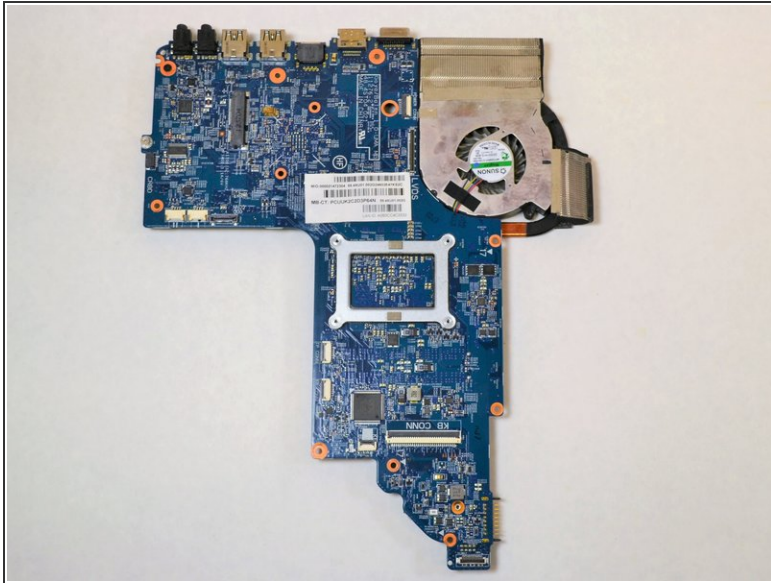
## Step 24



- 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.