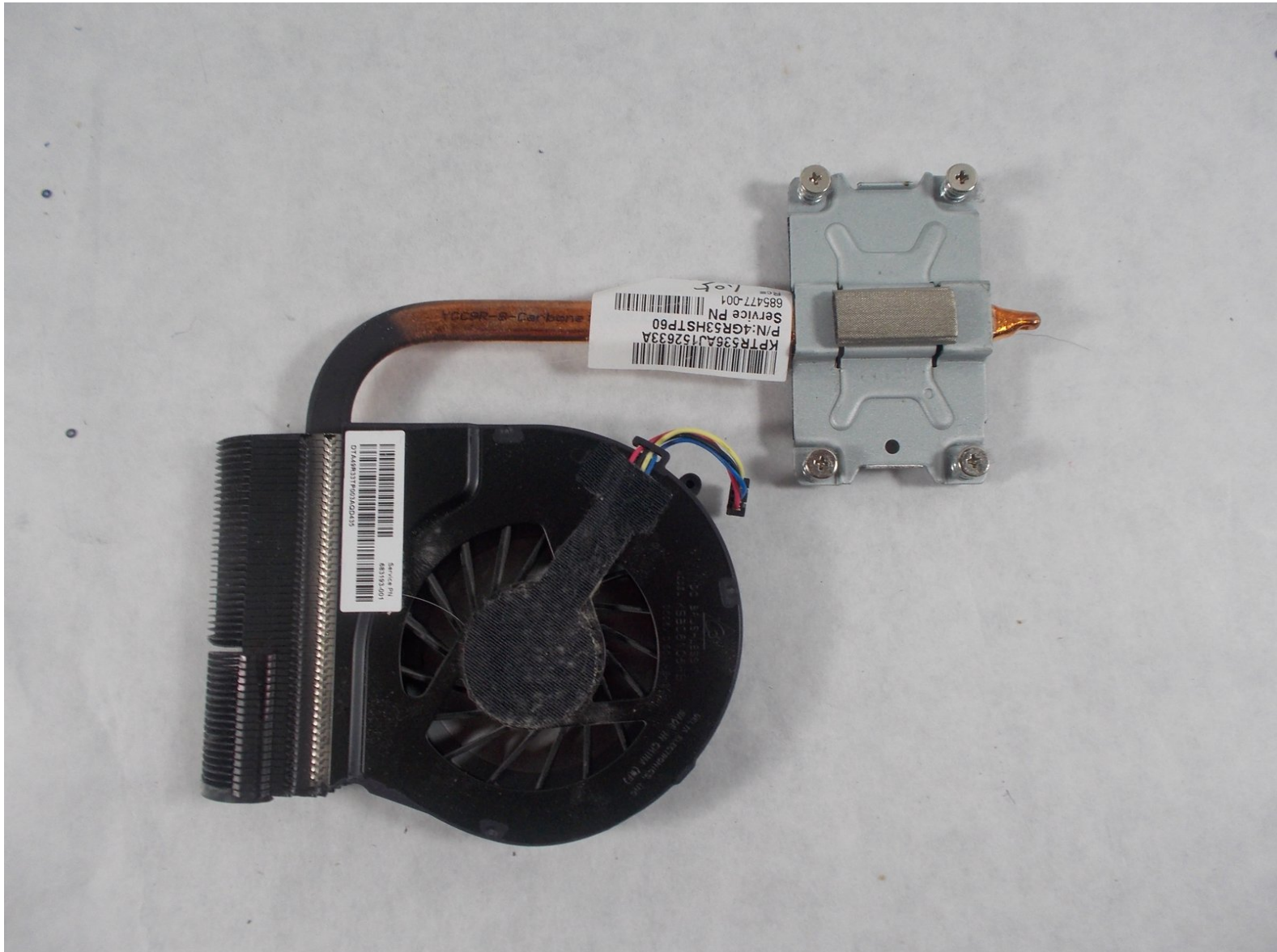




HP Pavilion G7-2289wm Fan and Heat Sink Replacement

How to remove and replace the fan and heat sink in the HP Pavilion G7-2289wm model laptop.

Written By: Clayton LaBrecque



INTRODUCTION

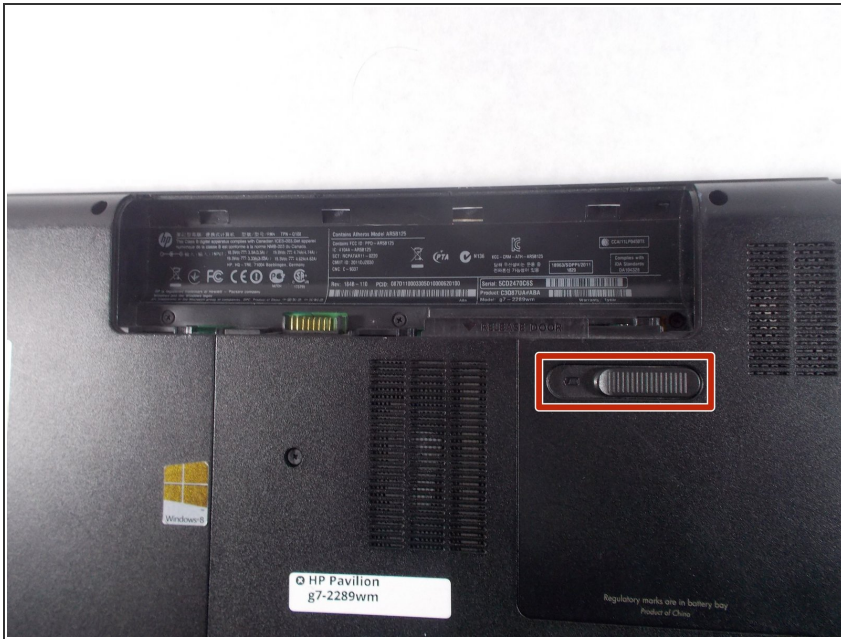
The purpose of this guide is to demonstrate how to remove and replace the fan and heat sink in the HP Pavilion G7-2289wm model laptop.



TOOLS:

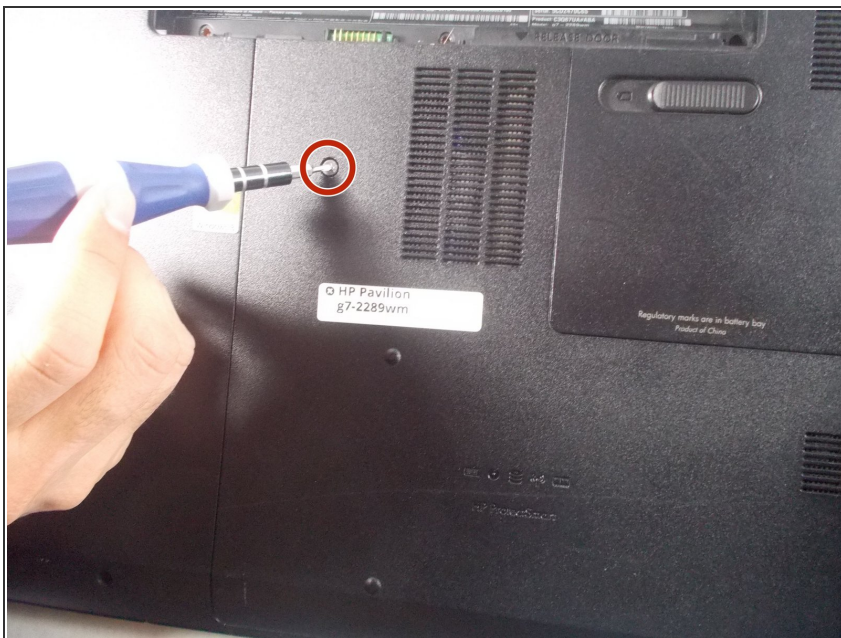
- [Phillips #0 Screwdriver](#) (1)
 - [Thermal Grease](#) (1)
-

Step 1 — Battery



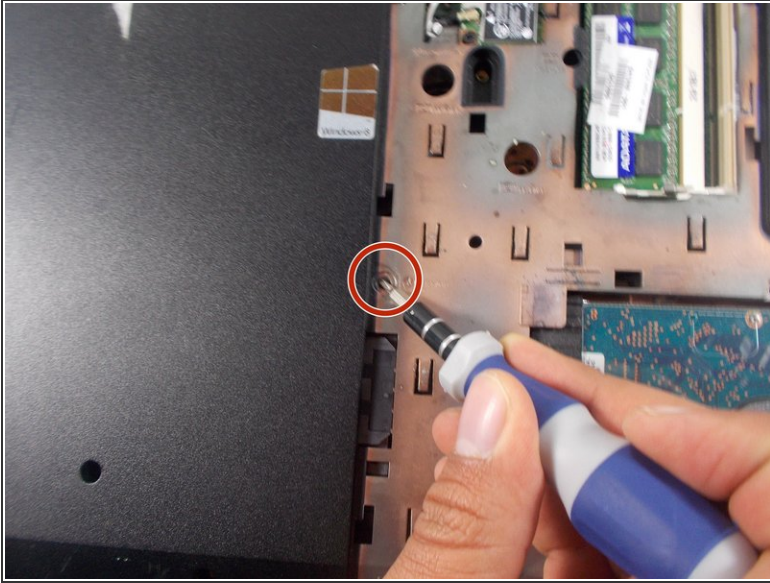
- Slide the battery release latch to the left, towards the center of the laptop.
- Lift the battery up, and pull towards the center of the laptop to remove it.

Step 2 — DVD Drive



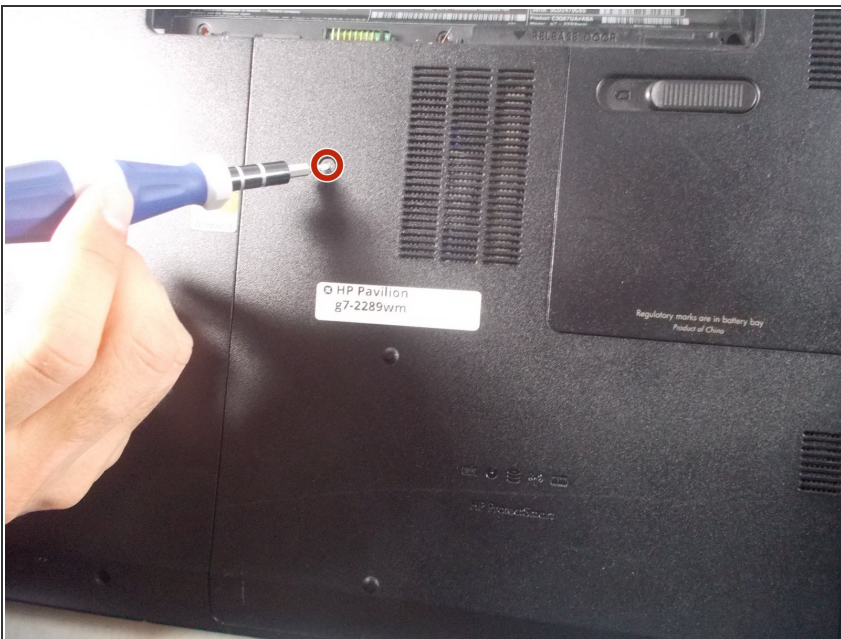
- Loosen the screw that secures the service cover.
- Lift the edge of the service cover up and forward until it's at an angle to remove it.

Step 3



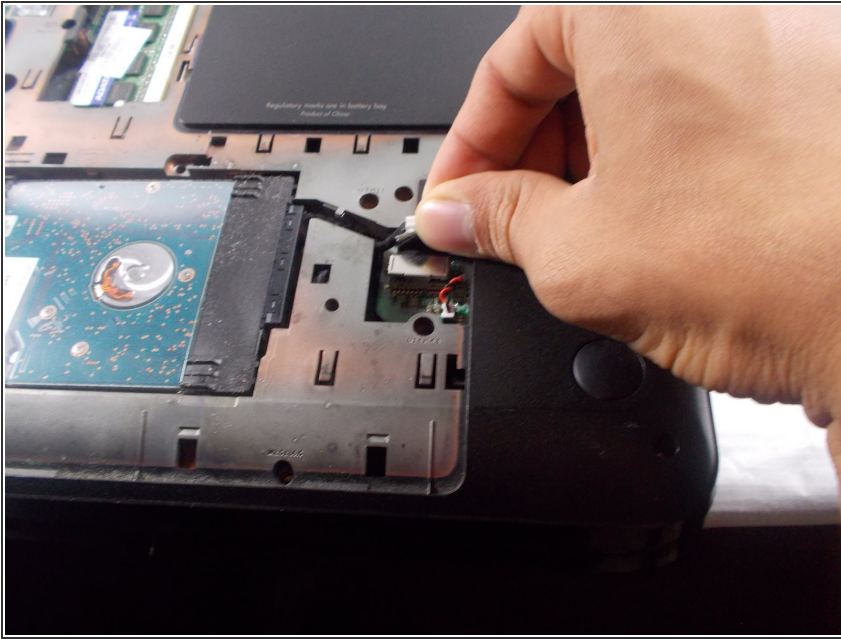
- Remove the screw that secures the DVD drive to the laptop.
- The DVD drive will now be able to slide out from it's DVD Drive bay.

Step 4 — Hard Drive



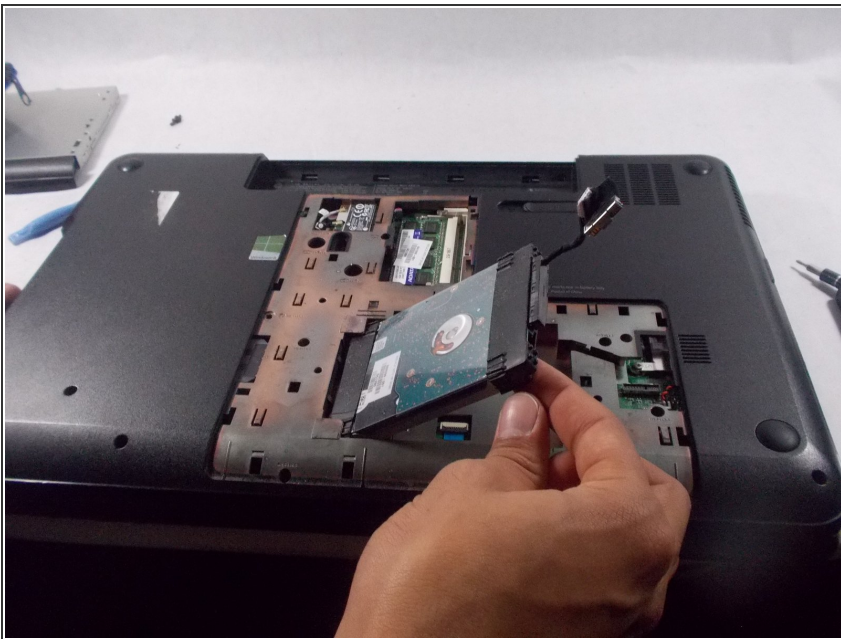
- Loosen the screw that secures the service cover.
- Pull the edge of the service cover toward you to remove it.

Step 5



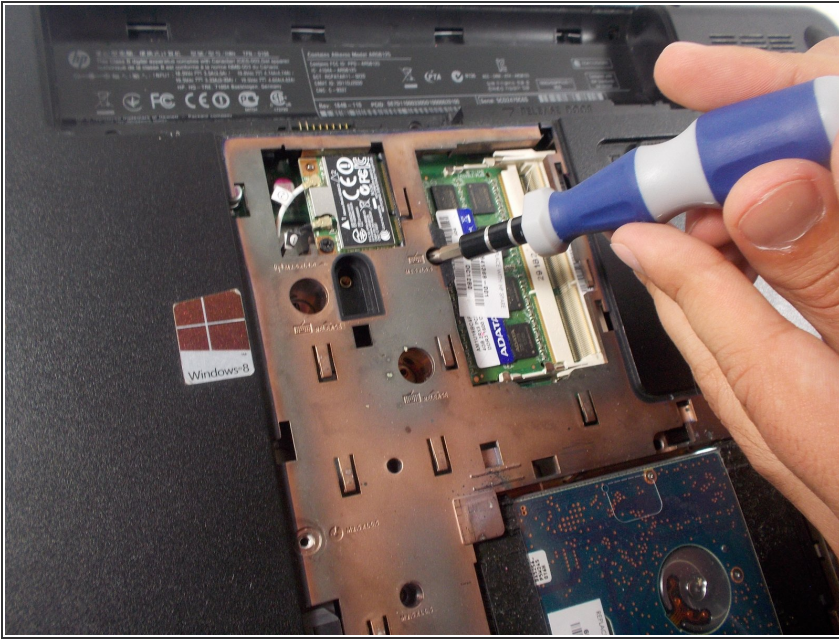
- Disconnect the hard drive connector cable from the motherboard.

Step 6



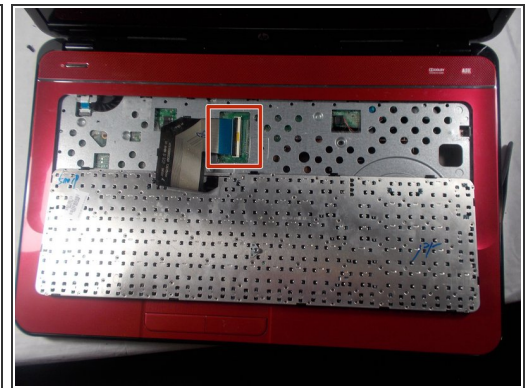
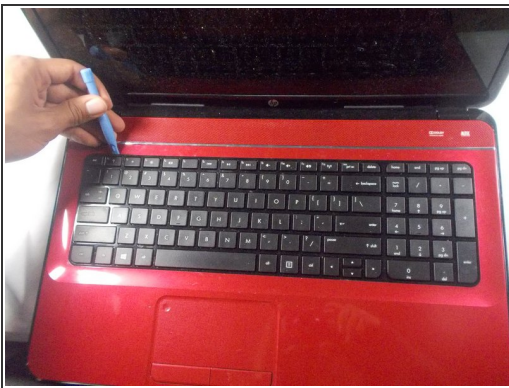
- Lift the front edge of the hard drive, then pull the hard drive out gently.

Step 7 — Keyboard



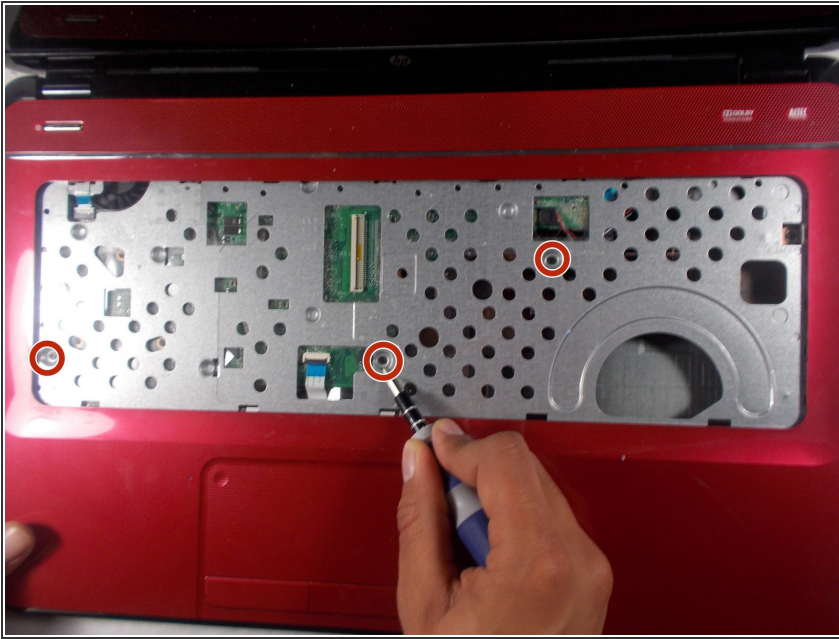
- Remove the screw that secures the keyboard to the computer.

Step 8



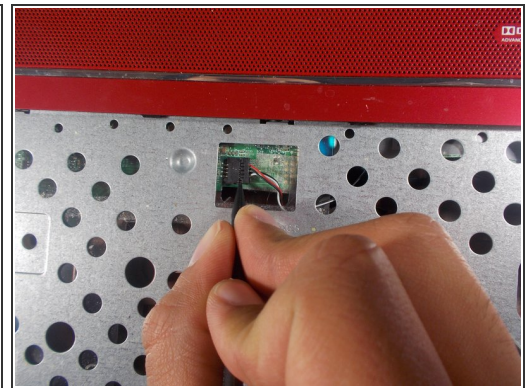
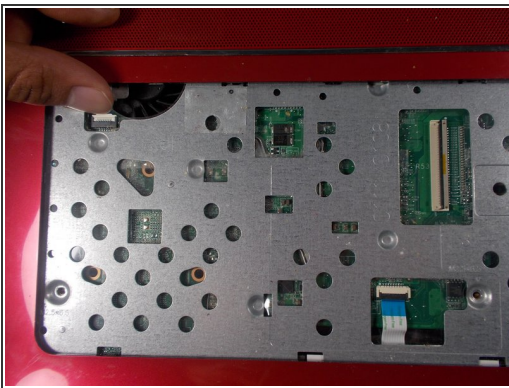
- Using the prying tool, pry about the perimeter of the keyboard.
- Now lift the keyboard from its top backward towards the touch pad.
- Notice the connector cable, unlatch it and remove the keyboard.

Step 9 — Fan and Heat Sink



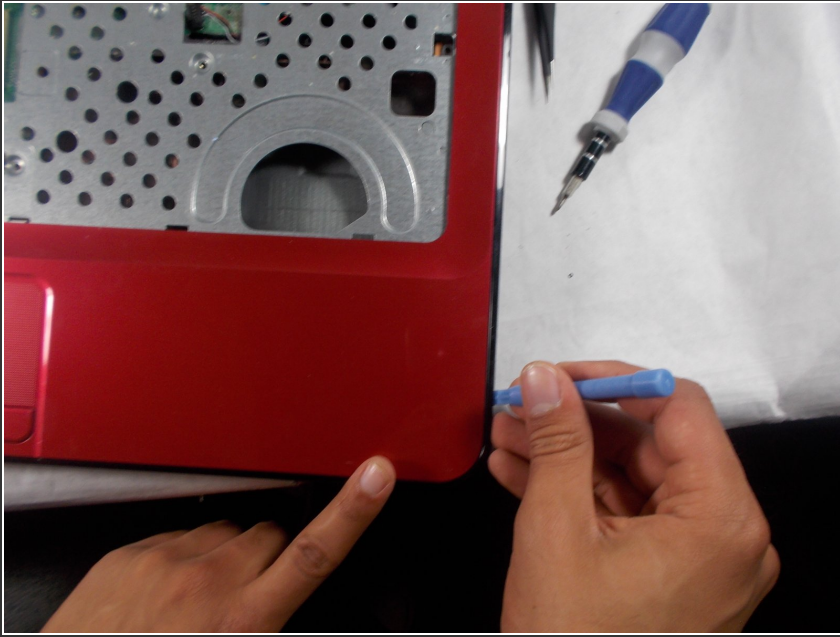
- Remove the screws that hold the keyboard palm rest in place and then lift it up and out.

Step 10



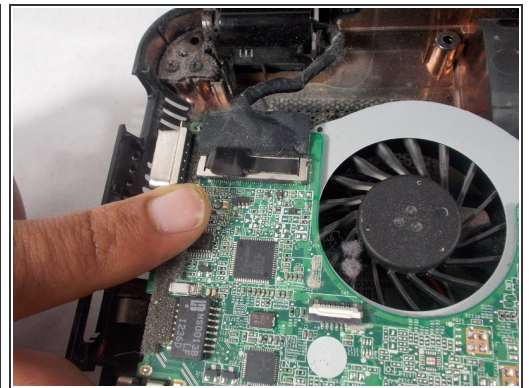
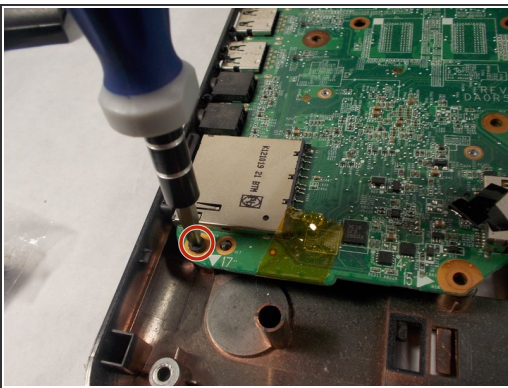
- Remove the wires attached under the keyboard.

Step 11



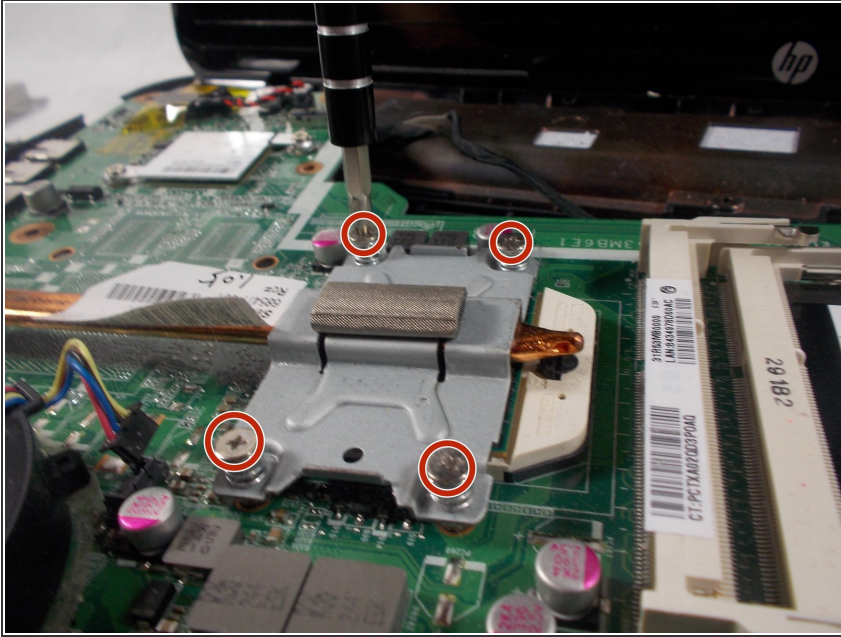
- Remove the bottom of the laptop by using the lift tool around the entire outer edge of the laptop.

Step 12



- Remove the screw that hold the motherboard in place.
- Remove the wires attached to the motherboard.
- Unplug the laptop fan.

Step 13



- Remove the screws that hold the fan and heat sink in place, and then remove the entire unit from the laptop.

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