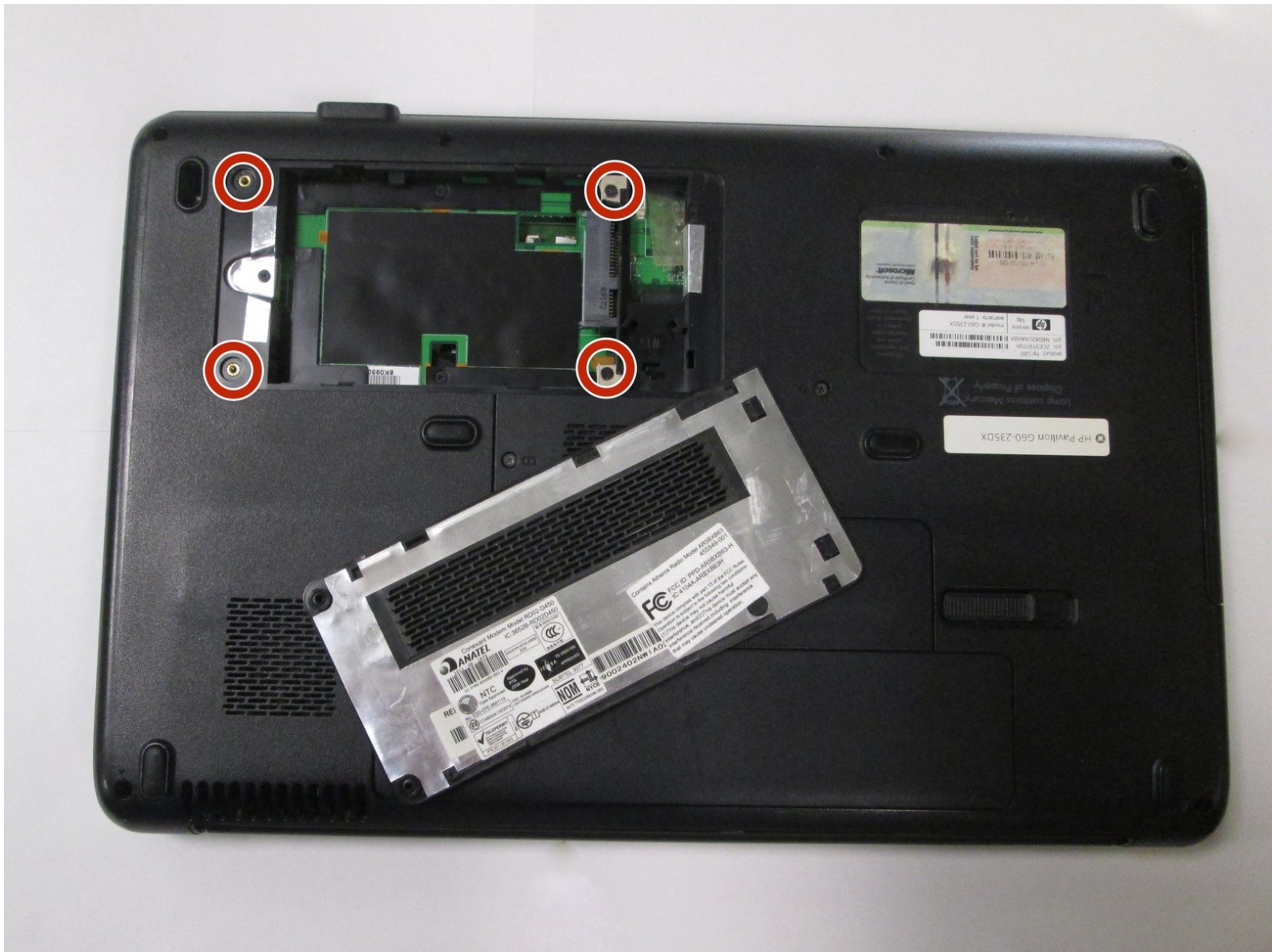




HP Pavilion G60-235DX Fan Replacement

This guide will help with the replacement of the laptop fan.

Written By: Michael Ayers



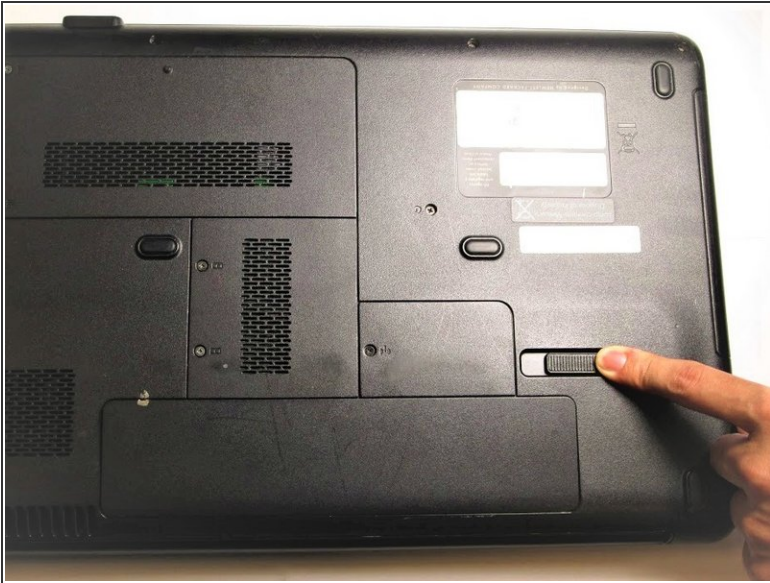
INTRODUCTION


This guide will help with the replacement of the laptop fan. Steps 8-11 are included for the disassembly of the HP Pavilion G60-235DX, and are not necessary for the replacement of the laptop fan.

TOOLS:

- [Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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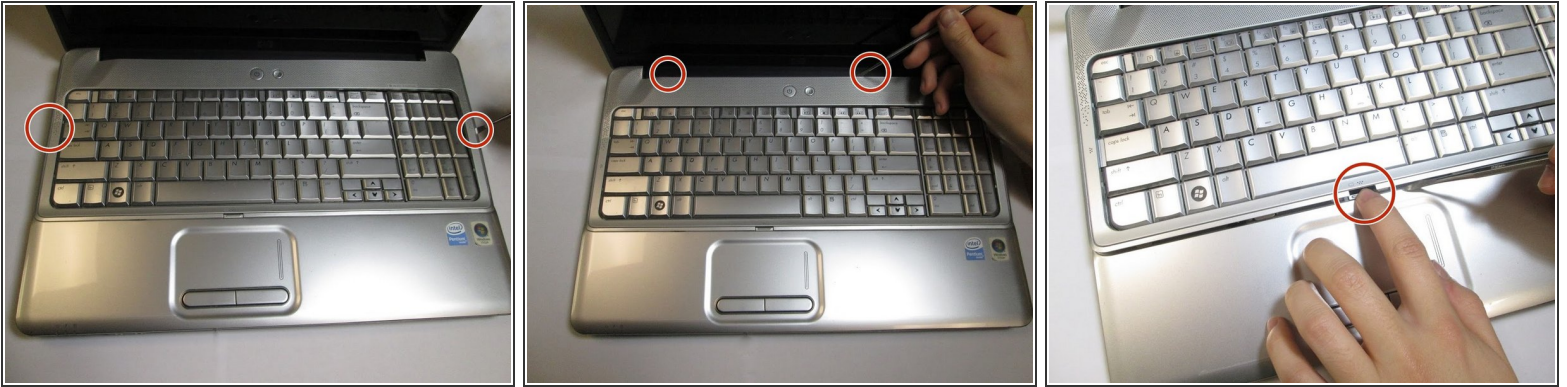
Step 1 — Keyboard




 Please turn the power of your device off. If not, it may cause a damage to the computer's hard drive and the person.

- Slide the lock to remove the battery
- After removing the battery, you can find 8 screws where battery were placed. Unscrew those 8 screws.

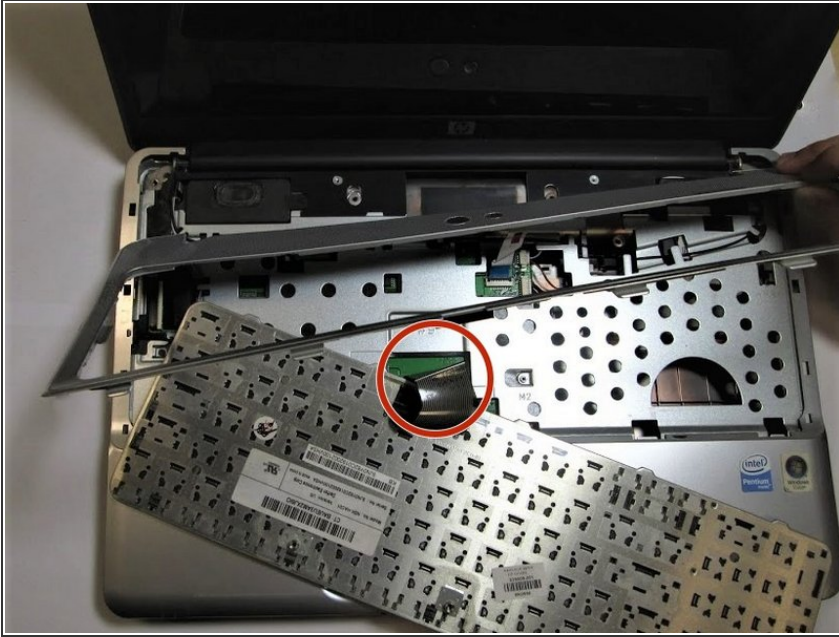
Step 2



 Do not force if the frame is not coming out. It may break the clip of the frame.

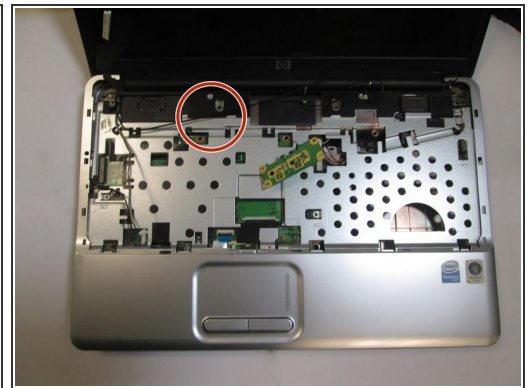
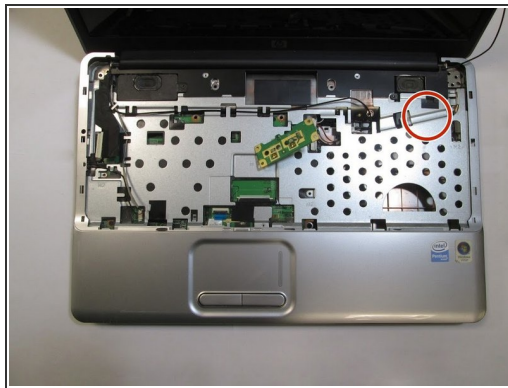
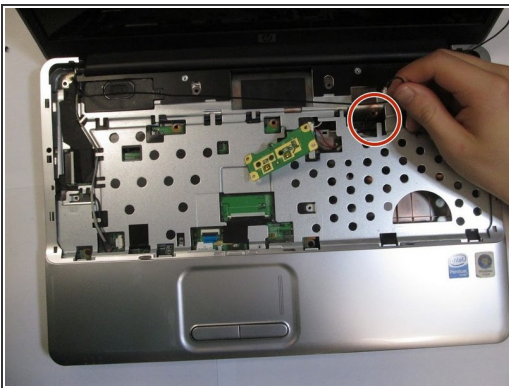
- After the screws from battery house are removed, open the laptop to remove the keyboard frame.
- Approach the frame on the side by using the prying tool. Carefully remove the clip. Watch out not to break the clip.
- Then use the prying tool to carefully remove the frame from the top. Be careful not to break the clip.
- Then, press the button located top of the touch pad to completely remove the frame from the bottom of the frame.

Step 3



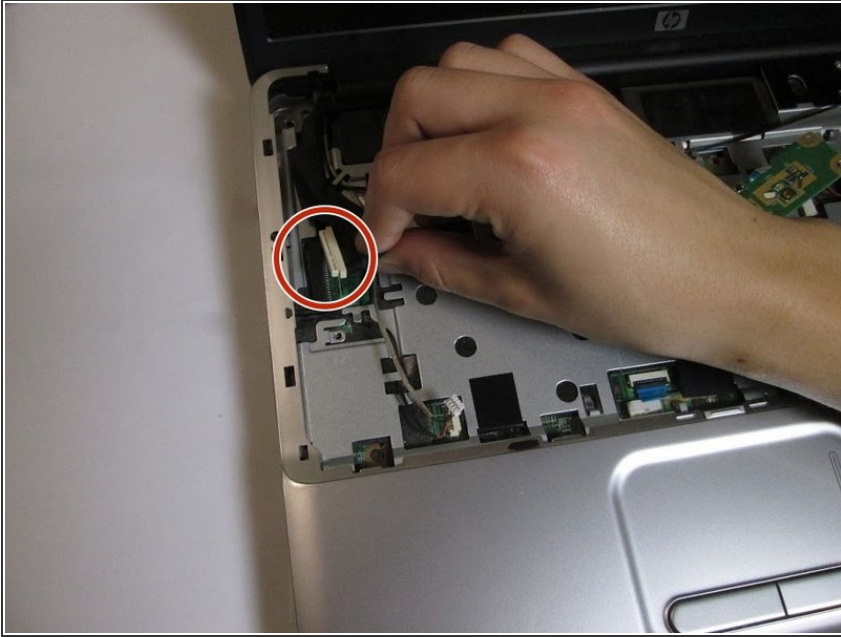
- When the frame is removed, keyboard will be free to be removed. There is cable ribbon to be removed. Gently pull out the ribbon from where it is plugged.
- The keyboard is now detached from the computer.

Step 4 — Screen



- Unplug two wires by gently pulling it out.
- Then remove two wires from the clip that was holding the wire in place.

Step 5



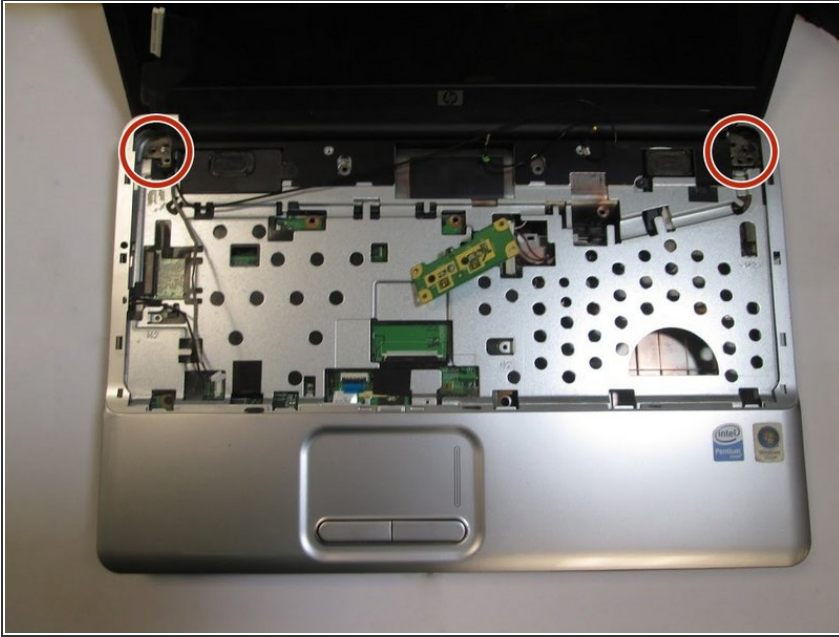
- Remove the covered cable ribbon that is located at the left side of the computer.

Step 6



- Gently pull the smaller wire from its clip. Please do not pull the wire by holding the wire itself. Use the plastic cover to pull.

Step 7



- There are 3 screws holding the screen from laptop each side. Unscrew every screw for each side.
- Then gently pull out the screen from its place. Be sure not to force it out.

Step 8



- Use the spudger to remove the rubber sticker located at the bottom of each side of the screen.
- Unscrew the the screws from each side.

Step 9



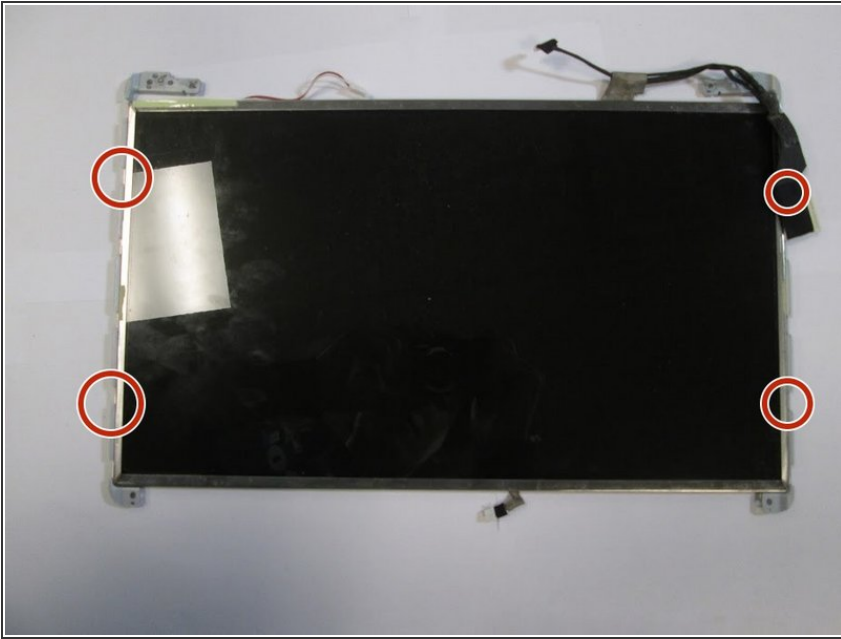
- Firmly pry the front screen cover off. Slide the prying tool around the front screen. Please be careful not to destroy the clip. It will destroy the entire screen.

Step 10



- ⚠ Be careful when moving the screen, you may damage the monitor and webcam cable.
- Remove the screen from its house.
- Gently disconnect the webcam cable from the monitor which locate at the back of the laptop.

Step 11



- Remove four screws from the side.

Step 12 — Ram



- Lay the computer so that the backside is facing you and locate the screw in the picture.

Step 13



- Remove the screws.

Step 14



- Remove the cover that was held in by the screws that you just removed.

Step 15



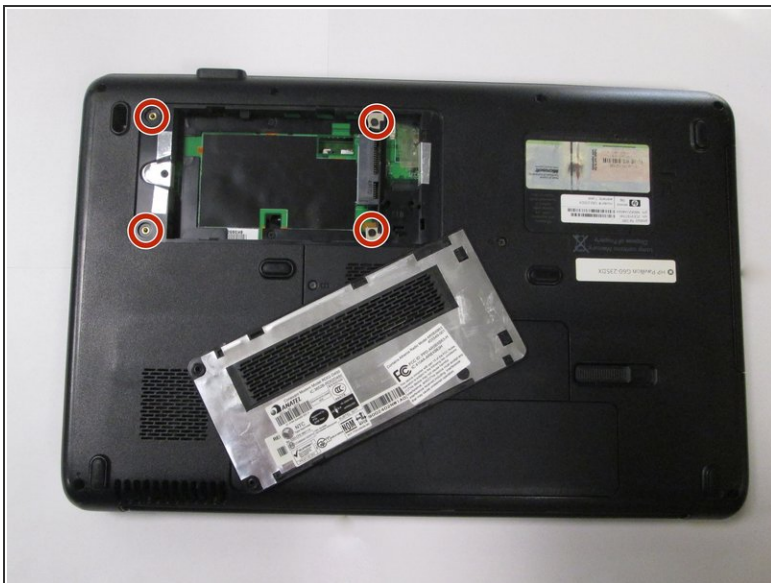
- Push this slide over in order to remove the battery. This is safe when working with your computers memory.

Step 16



- Remove each one of the rams so that the computer looks like this. You can do so by squeezing tabs on each side of the ram.

Step 17 — Fan



- Remove the plate on the upper left side of the back plate, shown here.
- You will need to use a screwdriver to remove the 5 mm screws holding this plate down.

Step 18



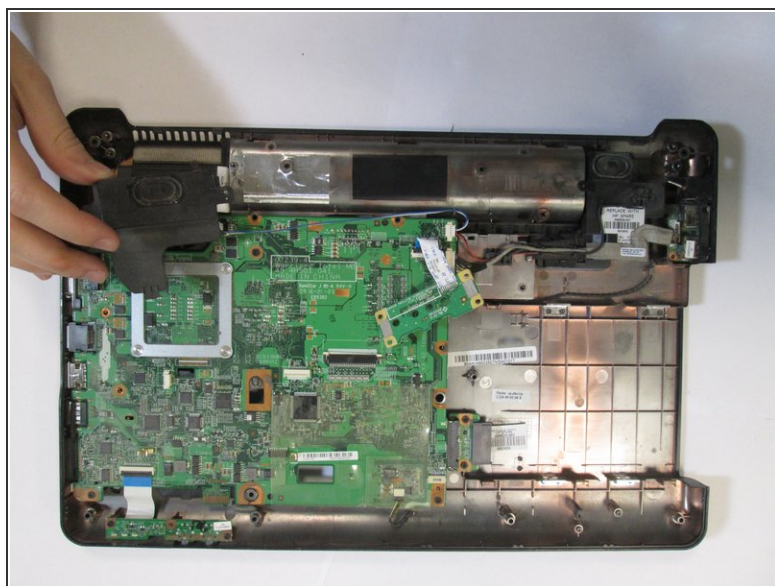
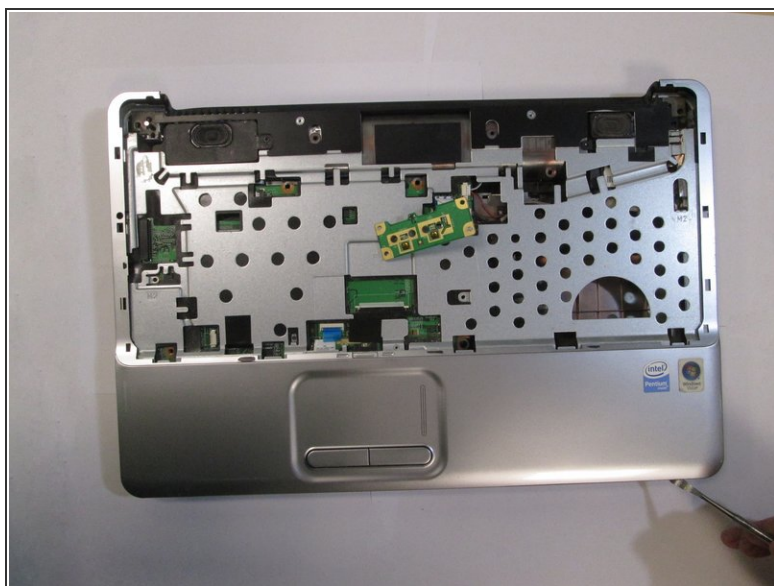
- Using a screwdriver, remove the 3 mm screws holding together the plate found in the directly right of the central plate.

Step 19



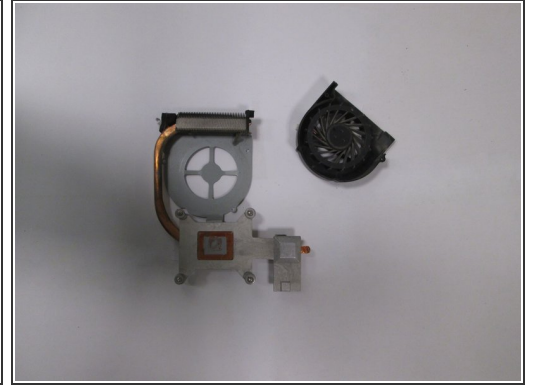
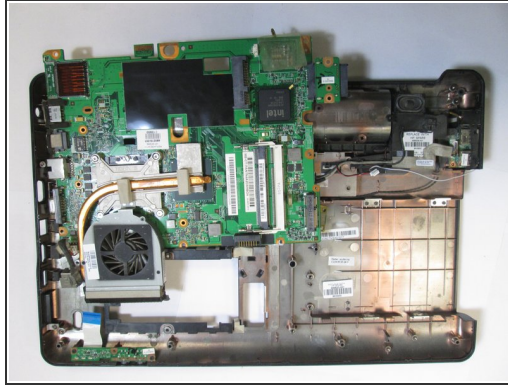
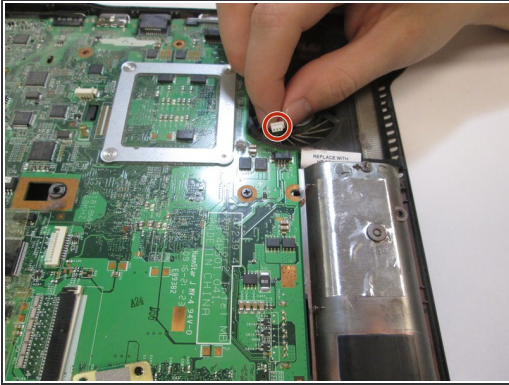
- Remove the battery by sliding the lock switch and pulling up and outwards.
- The battery is located directly beneath the two most recent plates that have been removed.

Step 20



- Use a spudger to remove the remaining keyboard plate on the front of the laptop body.

Step 21



- Remove the wire that is connecting the fan to the left side of the motherboard.
- You are now able to swap the faulty fan for a replacement.

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