HP Pavilion zd8000 Right Speaker Replacement

Written By: Allie Menard

🔧 TOOLS:

Step 1 — Battery

- Slide the battery release latch towards you.

Step 2

- Pull up on the battery to remove it.

Step 3 — RAM

- Loosen the Phillips screw labeled 'ram' and lift the cover.

Step 4

- Locate the green RAM card and find the metal tabs securing the card.

- Push outwards on the two tabs to release the card.

Step 5

- Carefully slide the card out at an upward angle away from the slot.

Step 6 — WiFi Card Cables

- Unscrew the four 8mm Philips screws marked with an icon resembling a stacks of discs.

- Lift the cover from the right to remove it.

Step 7

- Use tweezers to detach the grey and black cables connected to the green WiFi card.
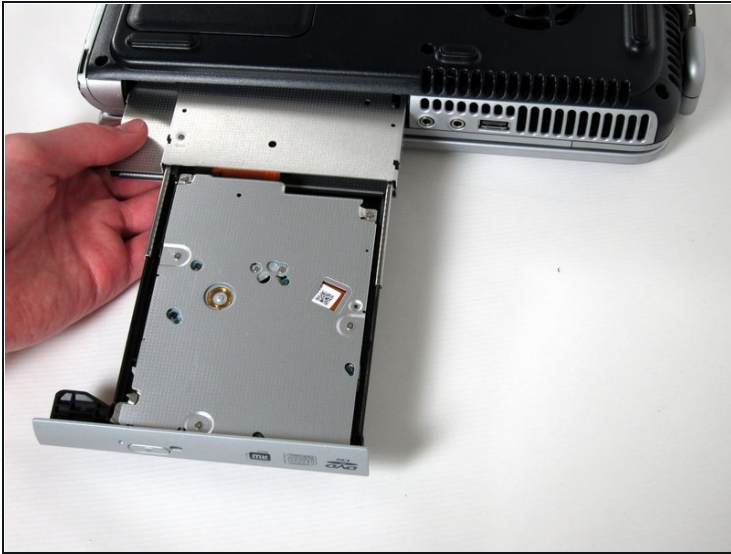
Step 8 — CD/Optical Drive

- Remove the 8mm Philips screw located between the hard drive and the WiFi card.

Step 9

- Turn the laptop 90 degrees clockwise so you are facing the CD drive.

- Unbend a paperclip and insert the end into the small hole by the eject button to cause the tray to pop out towards you.

Step 10

- Gently pull the tray away from the laptop and the rest of the optical drive will follow.

Step 11 — Keyboard

- Remove the two 8mm Philips screws marked "K" on the bottom of the laptop.

Step 12

- Flip the laptop over and open the screen.

- Push up on the four latches located at the top of the keyboard with the spudger to release them.

Step 13

⚠ Lift the keyboard carefully because it is attached to the motherboard by a ribbon cable.

- Lift the top of the keyboard towards you. Then, while keeping the keyboard at an angle, lift it towards the display.

Step 14

- Rotate the keyboard so that the bottom is visible.

- With the keyboard lifted, locate the blue-striped tab on the underside of the black ribbon cable.

- Pull the tab towards you to release the keyboard from the laptop.

Step 15 — Switch Cover

- Place the laptop face-down and rotate it 180 degrees so the vents are facing you.

- Remove the five 8mm Philips screws. Three are on the black base and two are near the hinges.

Step 16

- Flip the laptop over.

- Fully open the laptop.

Step 17

- Rotate it so the display is on your right and the keyboard is on your left.

⚠ Lift the switch cover firmly but slowly so you do not snap it.

- Lift the switch cover carefully from one end while sliding the spudger between the switch cover and the laptop to separate them.

- The switch cover should easily separate from the laptop as you run the spudger through.
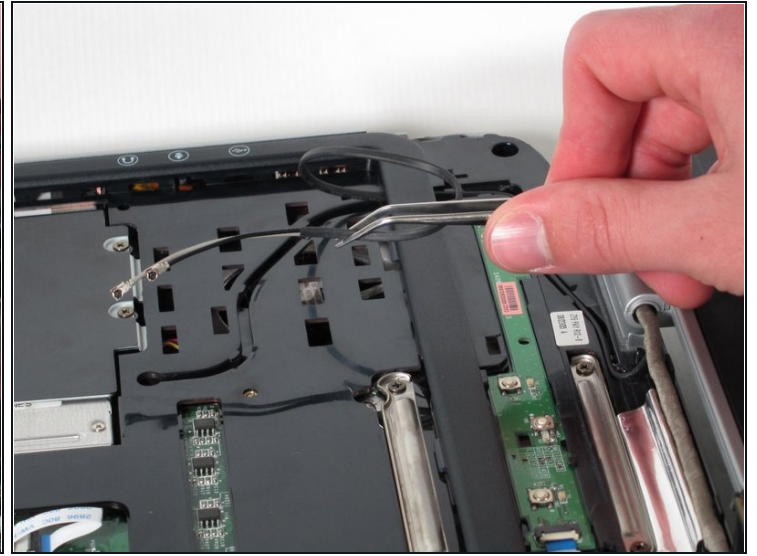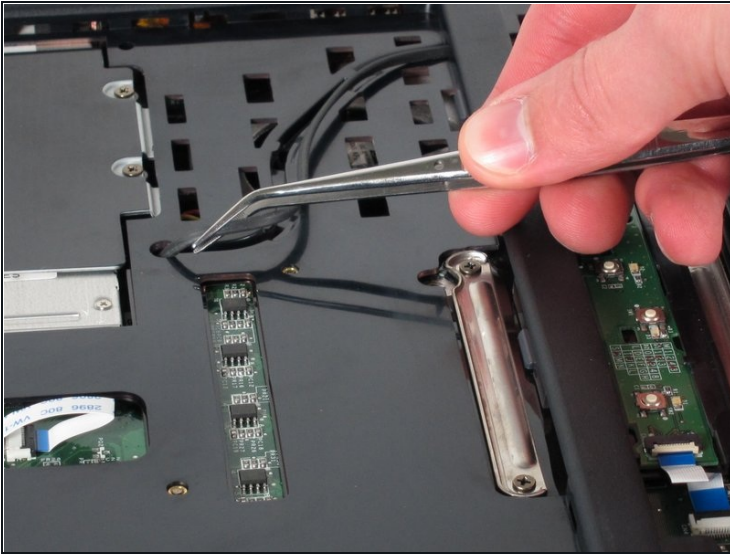
Step 18 — Screen
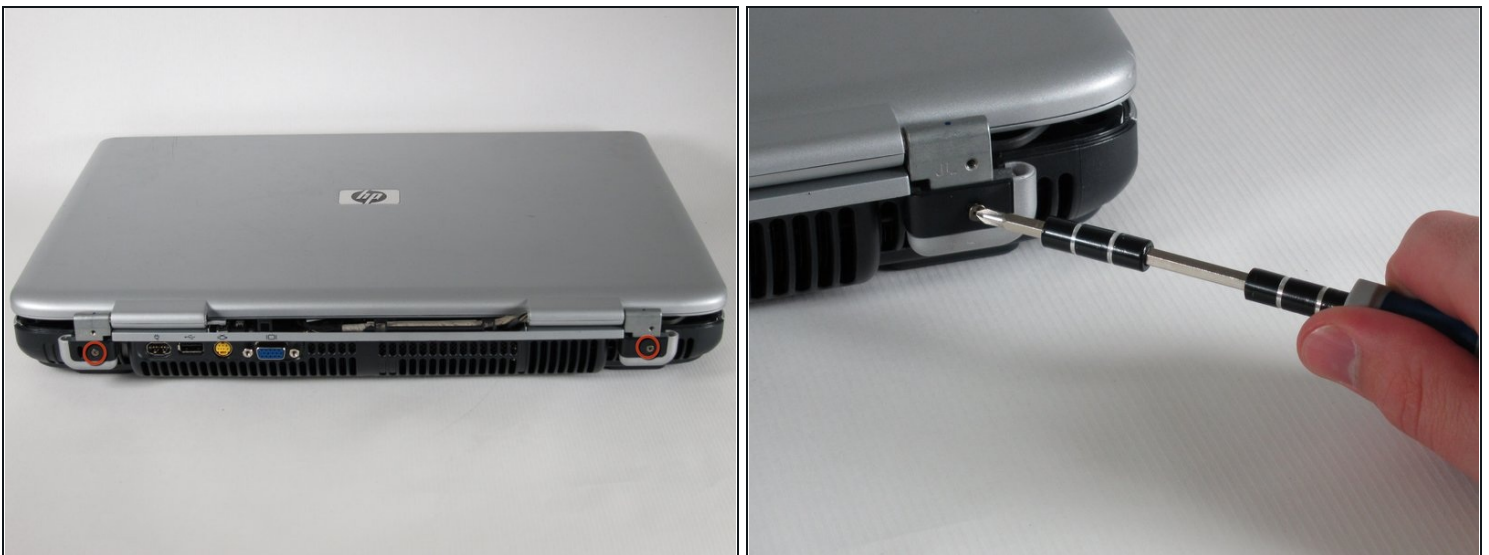
- Close the lid and rotate the laptop so that the vents are facing you.

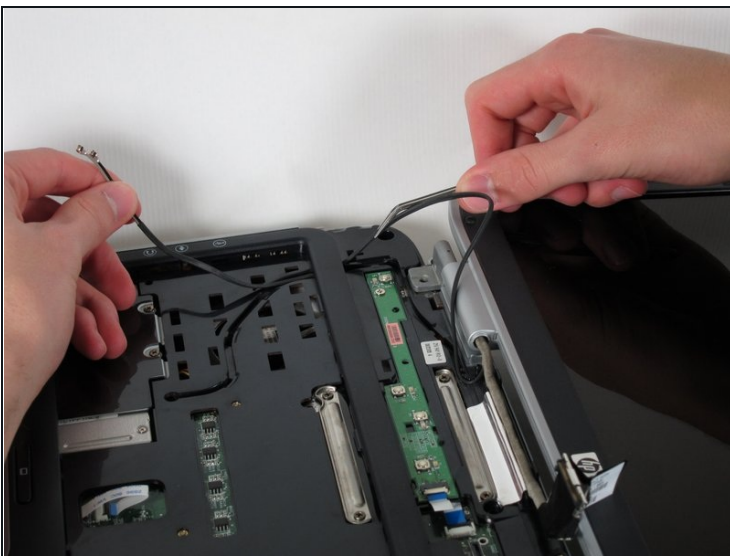- Unscrew the two 8mm Philips screws below the hinges.

Step 19
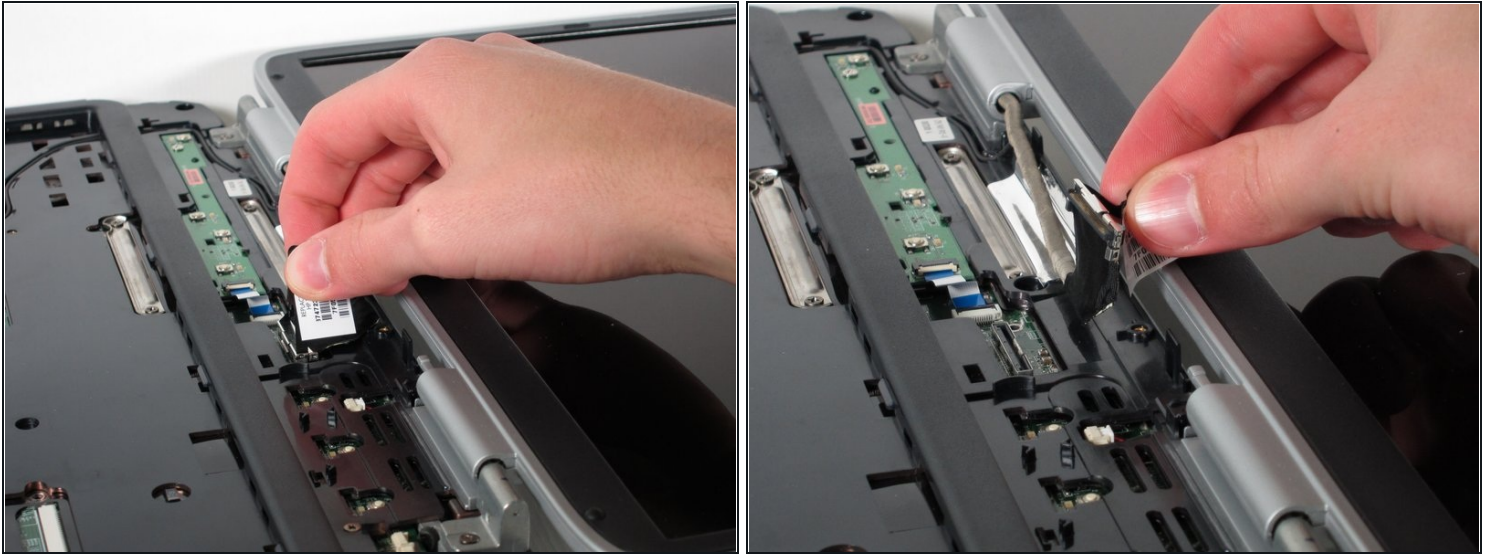
- Carefully rotate the laptop 90 degrees counter-clockwise and open the screen.

- Pull on the black tab with the HP service sticker to unplug the display from the motherboard.
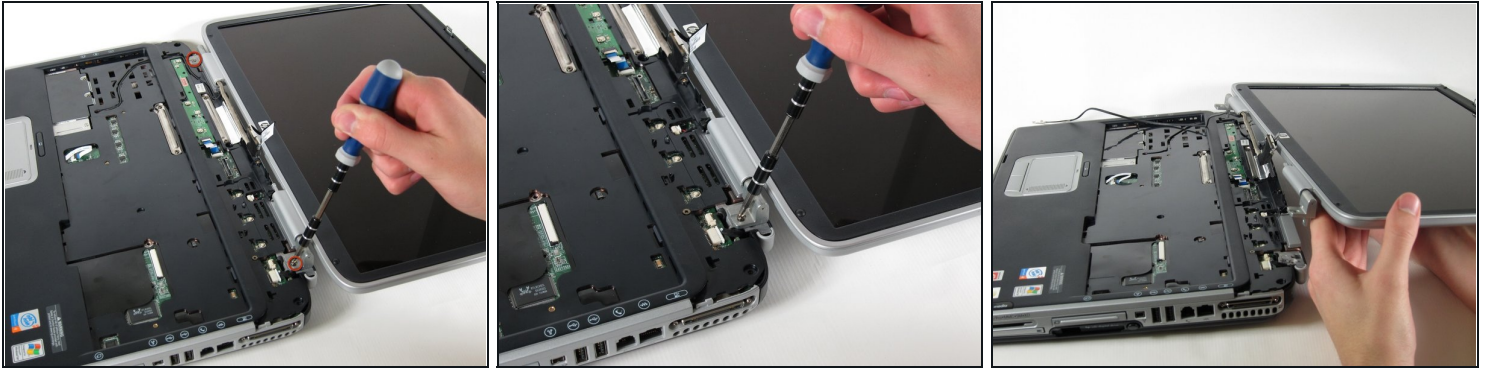
Step 20

- Using [tweezers](#), remove the black cable from the hole leading to the WiFi enclosure.

- Pull gently to remove the black and grey cables from the case.

ⓘ Check the surface beneath the laptop to ensure the cables do not catch on anything when you flip the laptop over.

Step 21

- Using tweezers, pull the black cable towards the display and through the hole in the casing.

Step 22

- Unscrew the two 8mm Philips screws that attach the hinge to the laptop's display.

- Lift the screen upwards to detach it from the laptop.

Step 23 — Top Cover

- With the laptop face-down, remove the eleven 8mm Philips screws.
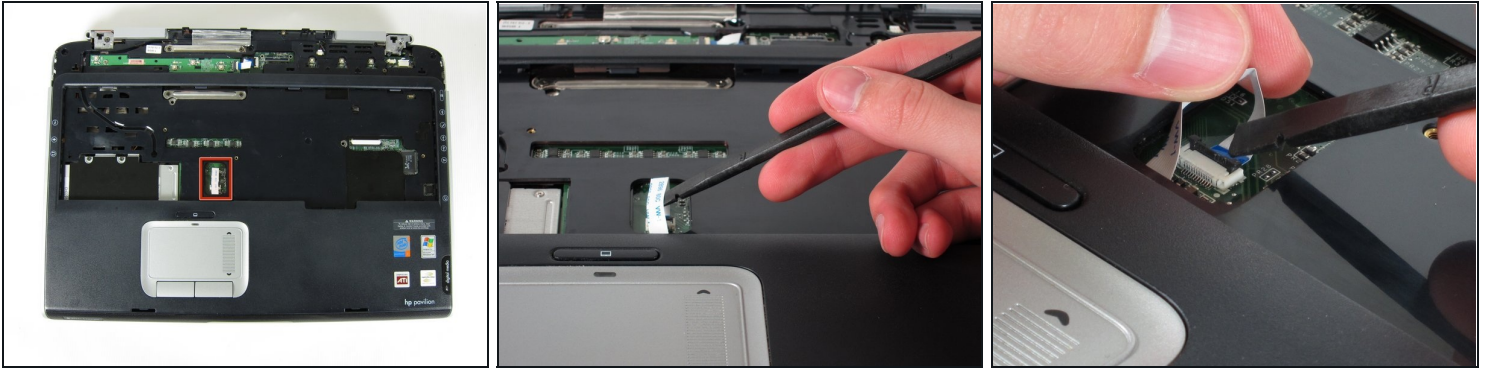
Step 24

- Rotate the laptop 180 degrees so the vents are facing you.

- Unscrew the four 3mm Philips screws below the vents.

Step 25

- Rotate the laptop 90 degrees counter-clockwise.

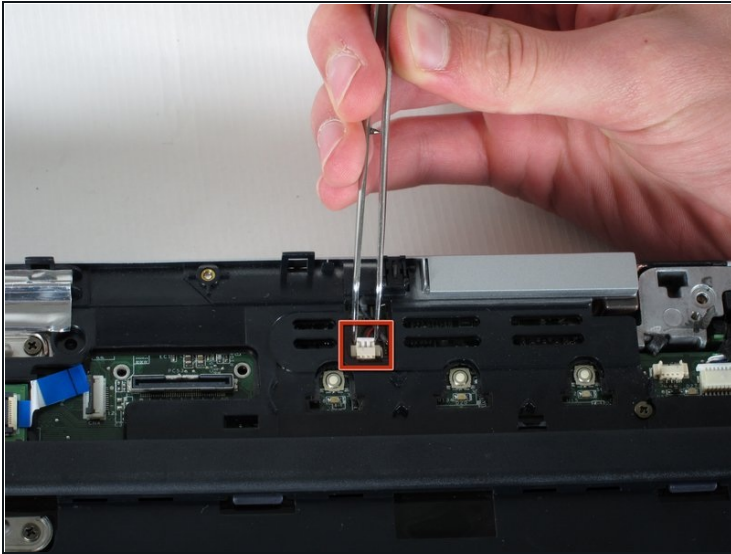- Unscrew the two 3mm Philips screws from the optical drive bay.

Step 26

- Flip the laptop over so it is face-up with the trackpad closest to you.

- Locate the ribbon cable directly above the track pad.

- Find the black latch at the end of the ribbon cable and unlatch it with a spudger to release it.

Step 27
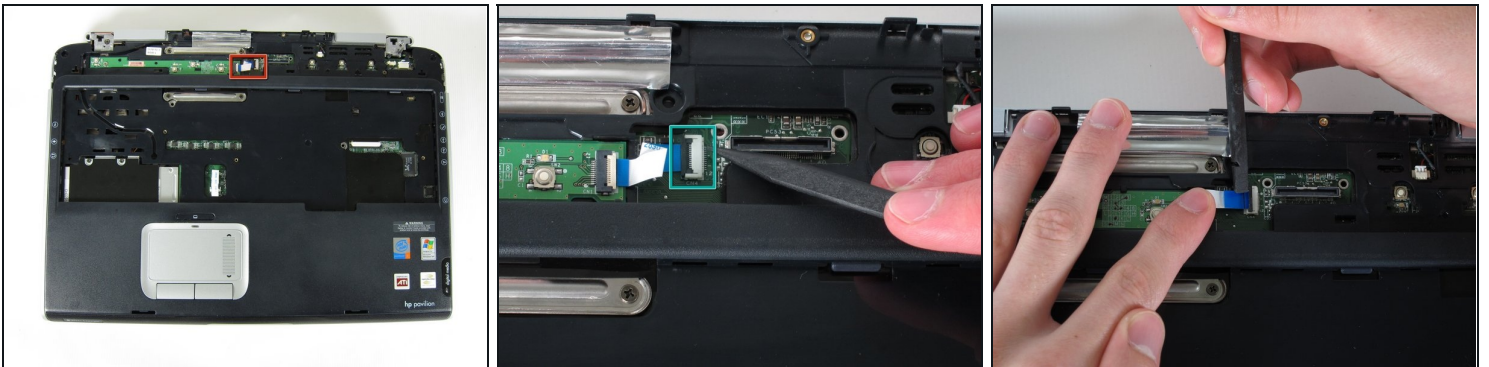
- Find the ribbon cable on the LED board located at the top of the laptop.

- You will notice that the ribbon cable is connected to two levels - you will be dealing with the one on the lower level.

- Find the black latch at the end of the ribbon cable and unlatch it with a spudger to release it.

Step 28
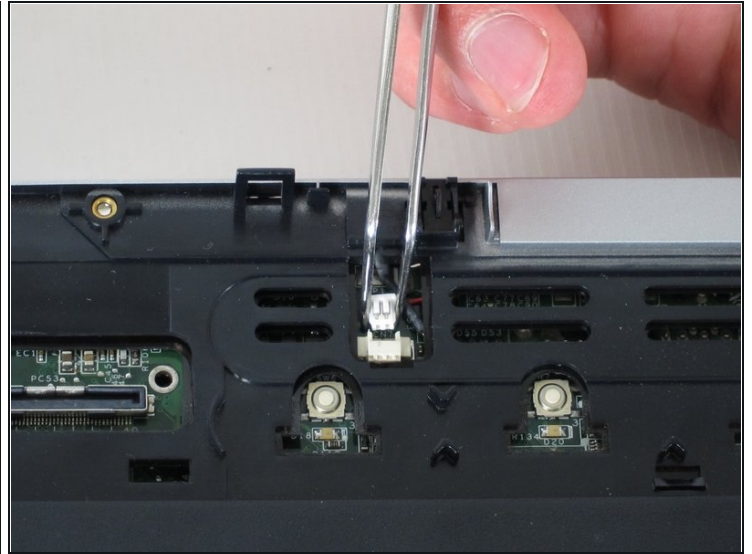
- Locate the white connector attached to a red and black cable to the right of the LED board.

- Using tweezers, pull the white connector away from you.

Step 29

- Unscrew the four 8mm Philips screws from the top cover.

Step 30

- Rotate the computer 90 degrees clockwise and insert the spudger at the seam above the card reader.

- While lifting the front end of the top cover, slide the spudger across the seam.

- When you have reached the firewire port, it should click open.

Step 31

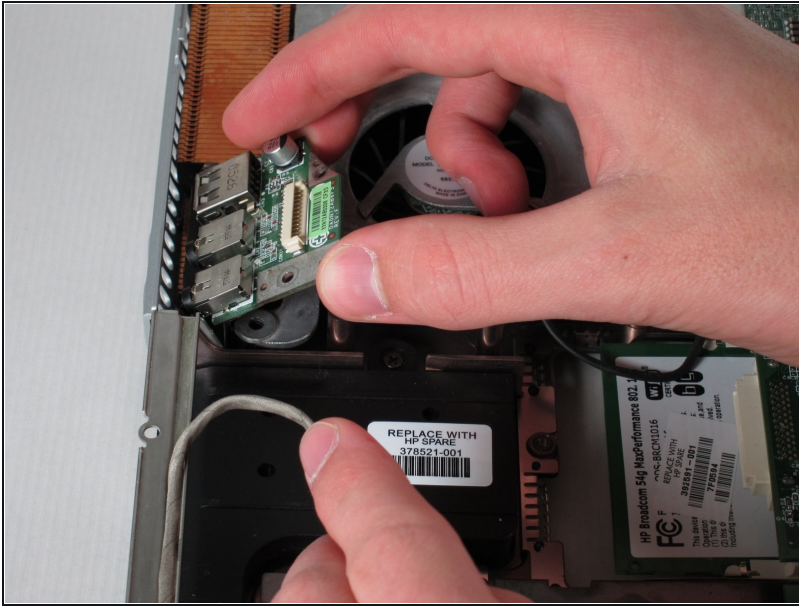- Lift the top cover from the left side to remove it completely.

Step 32 — USB Module
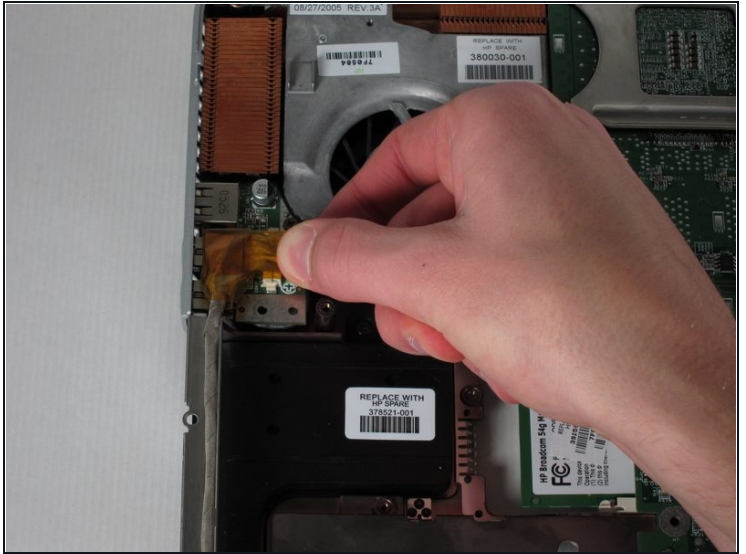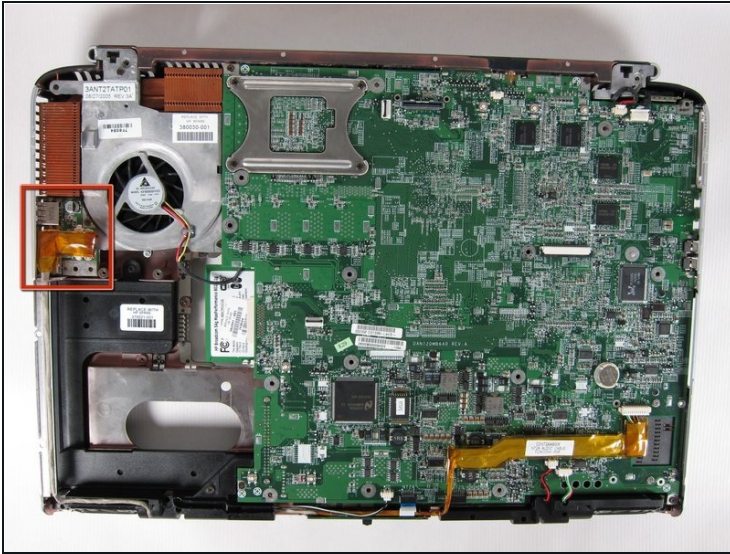
- Rotate the laptop 90 degrees counter-clockwise

- Locate the USB Module

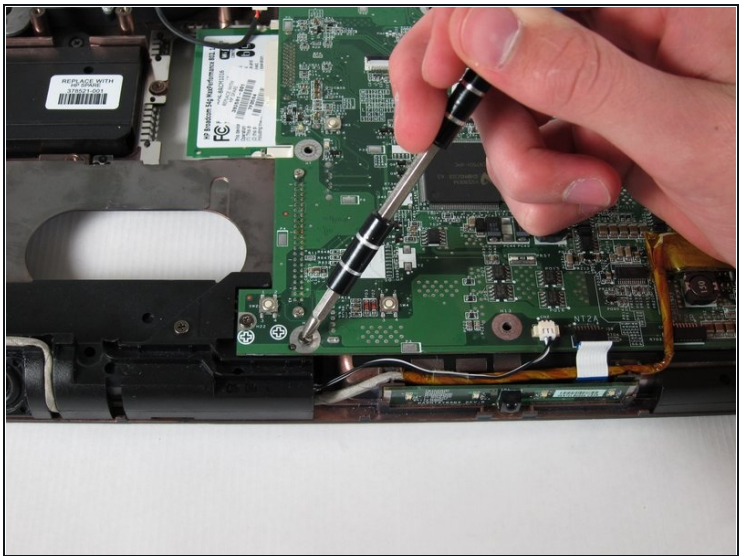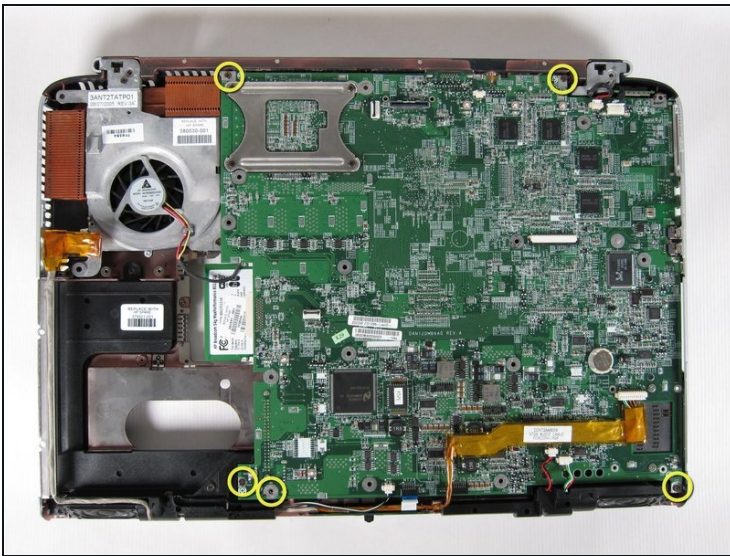- Grip the yellow cable cover and pull it to the right to release it.

Step 33
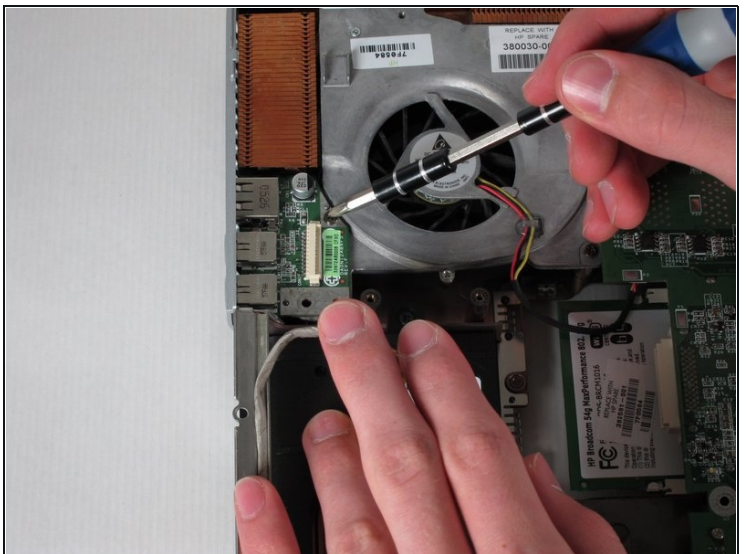
- Unscrew the 6mm Philips screw connecting the USB module to the fan.

Step 34

- Pull the module to the right and lift it out to release it.

Step 35 — Motherboard

- Unscrew and remove the five 4mm Philips screws marked with the white Phillips screw icon.
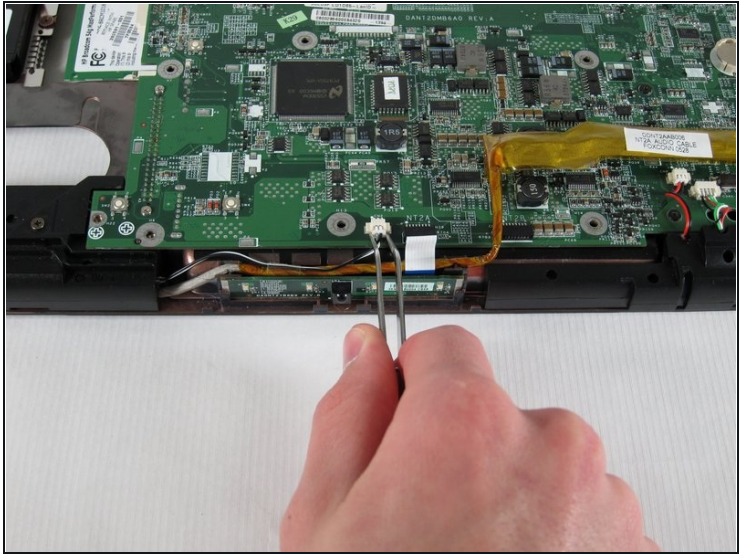
Step 36

- Unscrew and remove the two 8mm Philips screws from the heat sink fan.

Step 37

- Using [tweezers](#), remove the digital drive board cable - the cable set on the right with black, red, green, and white wires.

- Using tweezers, remove the the rigth speaker cable - the cable set on the left with red and black wires - by pulling the white connector towards you.

Step 38

- Using tweezers, remove the left speaker cable by pulling the white connector towards you.
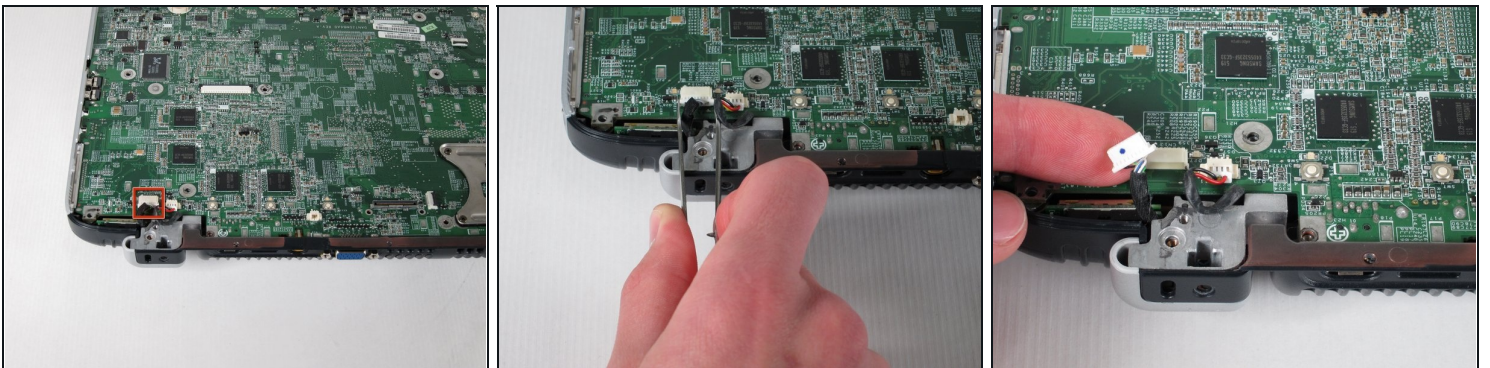
Step 39
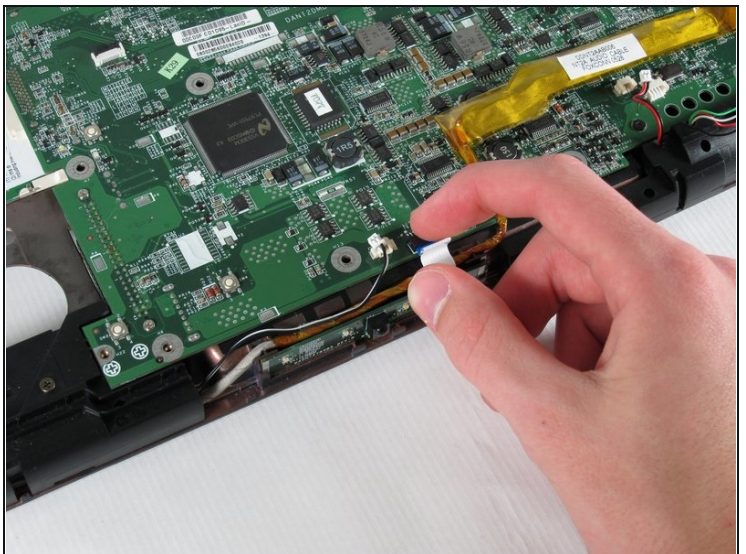
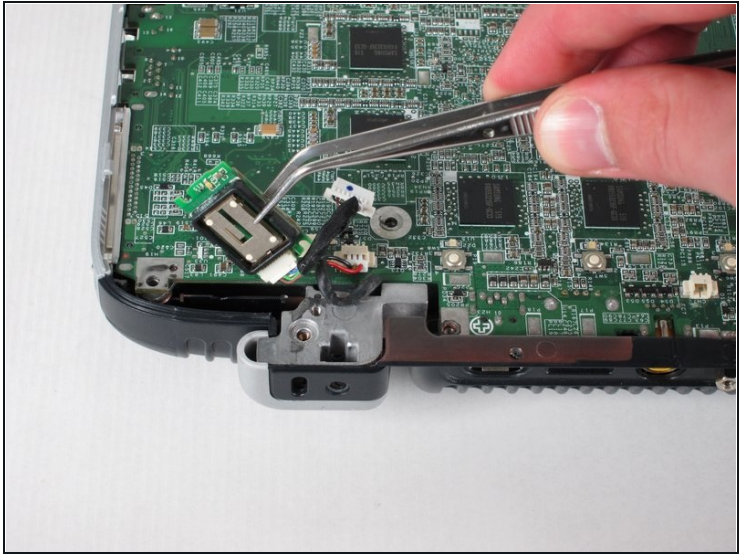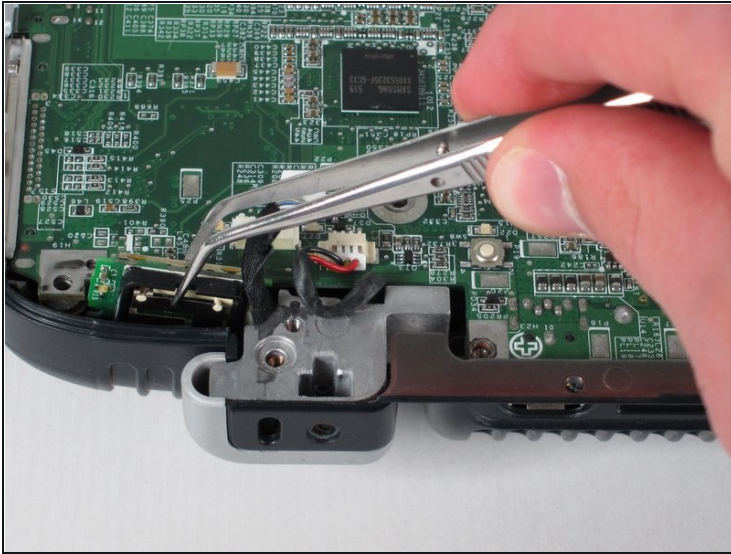- Remove the LED board cable by pulling the white tab towards you.

Step 40

- Remove the audio cable - the one with the yellow covering located at the bottom-right corner of the motherboard - by pulling the yellow covering towards you.
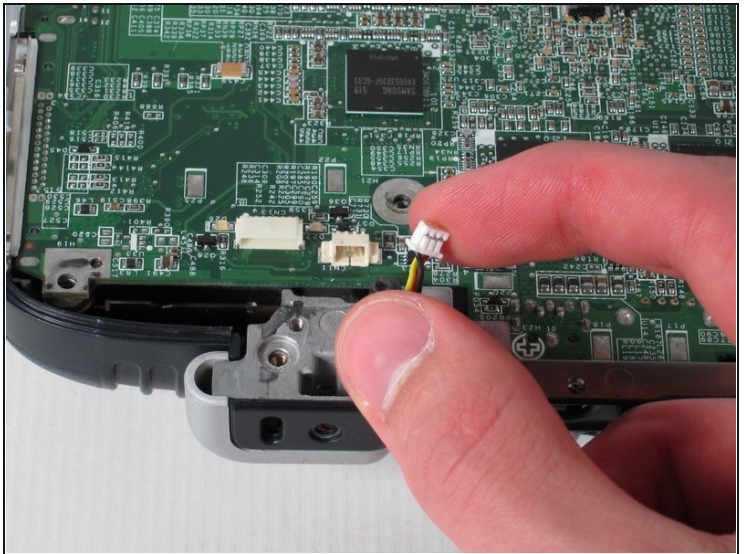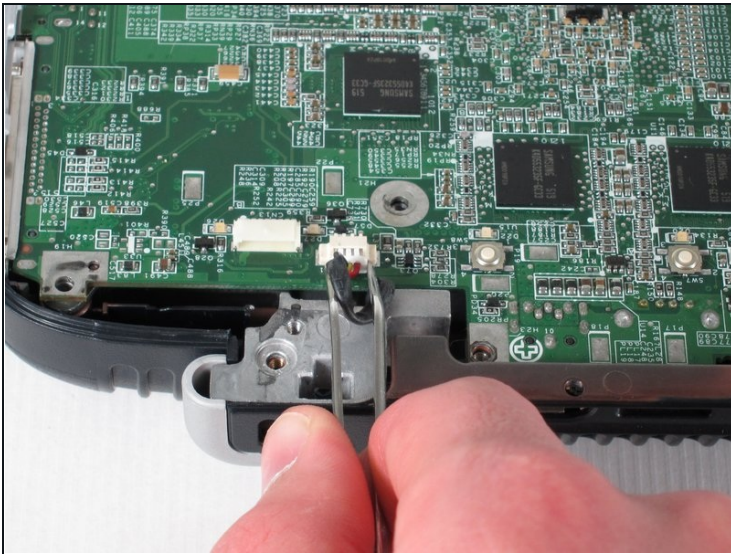
Step 41

- Rotate the laptop 180 degrees and locate the Bluetooth module at the bottom-left corner of the motherboard.

- Using tweezers, remove the Bluetooth module's white connector by pulling it away from you.
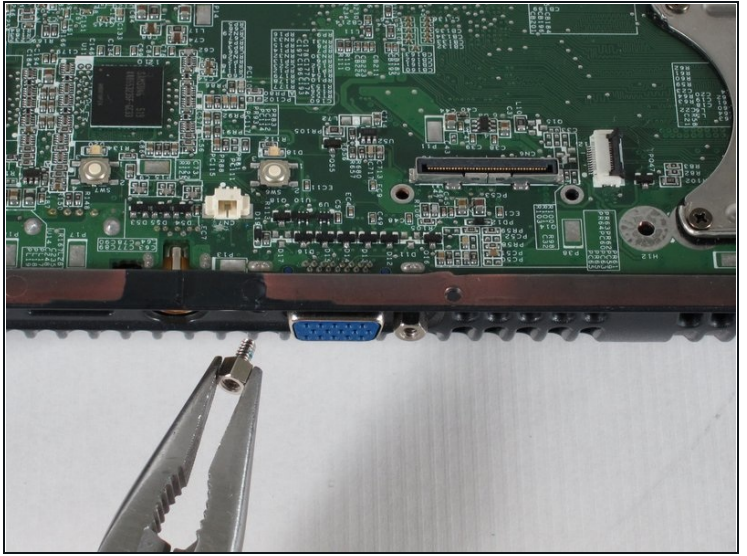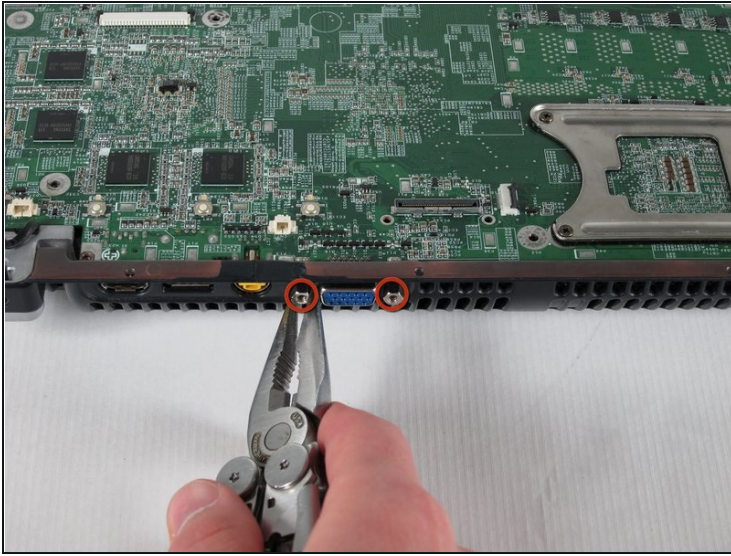
Step 42

- Using tweezers, pull up on the Bluetooth module to remove it.

Step 43

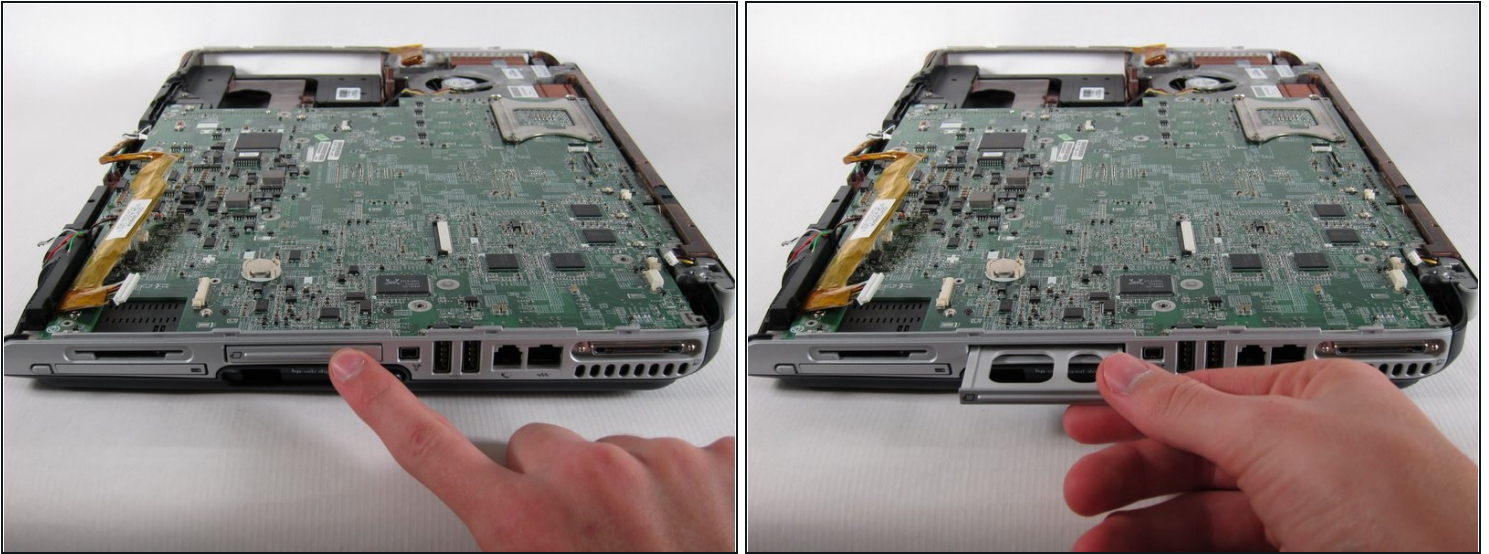- Remove the fan cable by pulling the white connector away from you.

Step 44

- Using pliers, unscrew and remove the two bolts from both sides of the blue VGA connector.

Step 45

- Carefully flip the laptop face-down with the battery compartment facing you.

- Using tweezers, remove the black and red cable from the RAM compartment by pulling on the white connector.

Step 46

- Flip the laptop face-up and turn it so that the drive labelled "hp usb digital drive" faces you.

- Press the ridged space saver card above the "hp usb digital drive" label to eject and remove it.
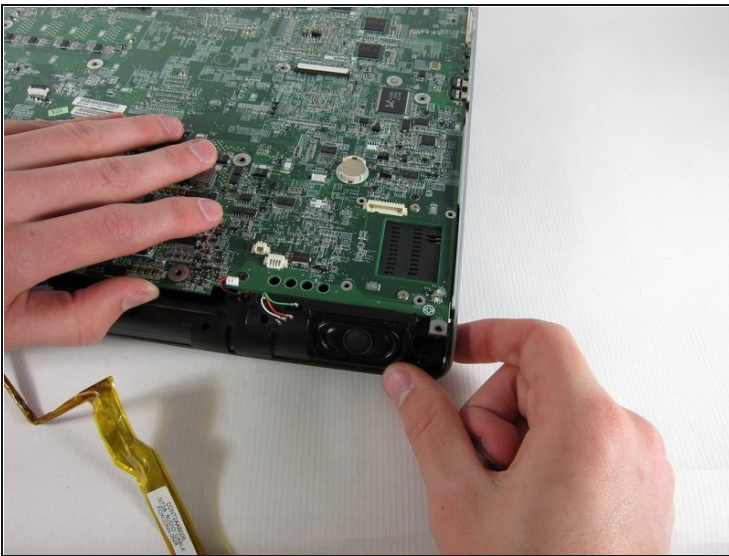
Step 47

- Locate the PC card below the SD card reader.

- Push the button to its left once to eject the button itself, then press it once again to remove the PC card.
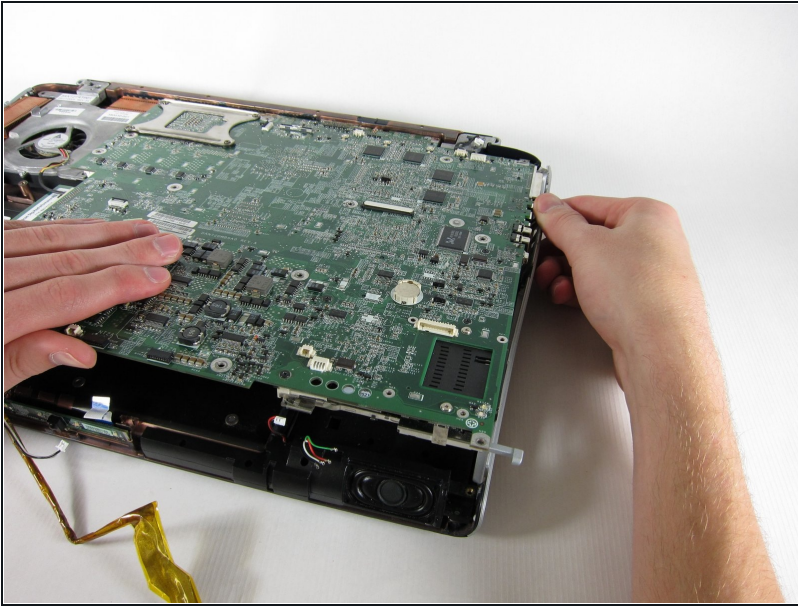
Step 48

- Once the PC card pops out, pull it out.

Step 49

- Turn the computer 90 degrees counter-clockwise and clear all cables off of the motherboard.

- ⓘ Push in the grey button to the left of the PC card as far as possible.

- Keeping the button pressed down, lift the motherboard up until the button pops out the top of the case.
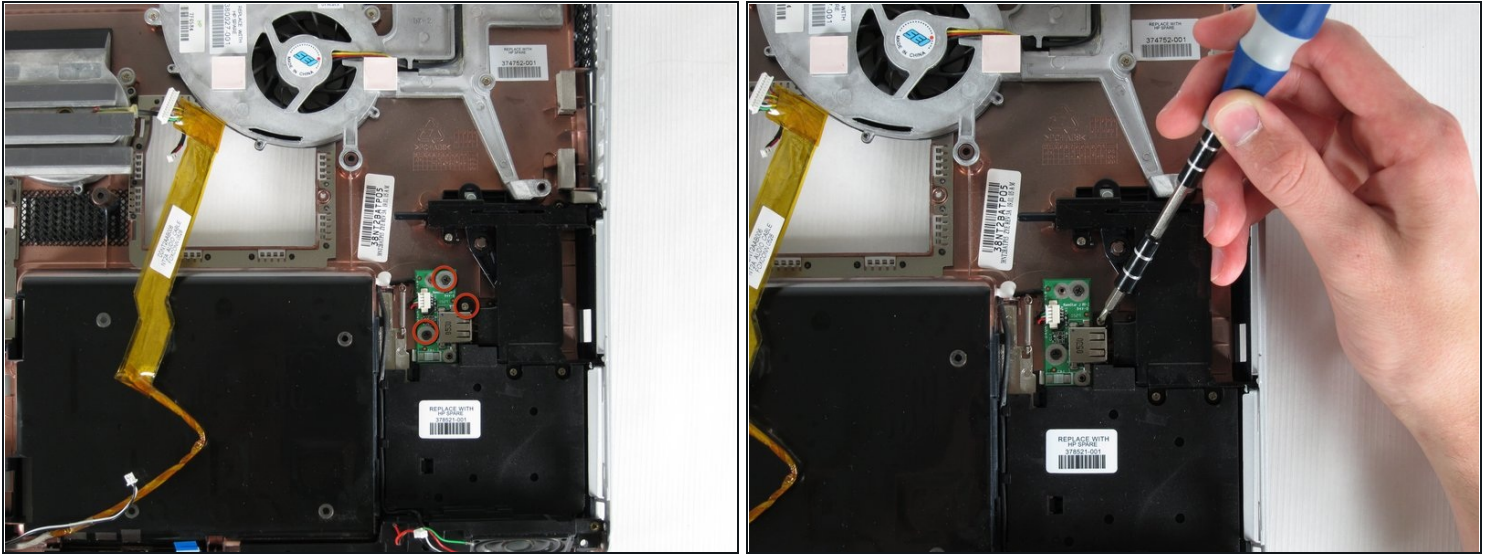
Step 50

- Pull the right casing to the side to release the ports on the motherboard from it.
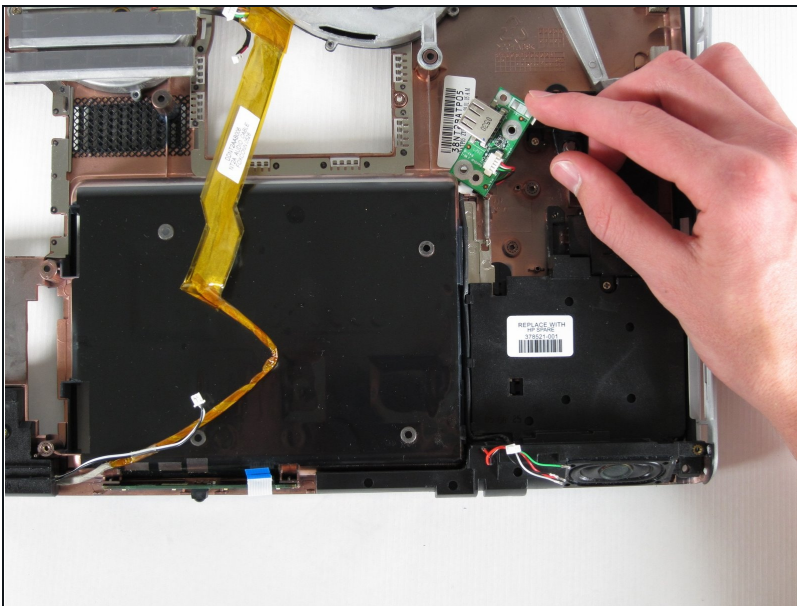
Step 51

- Lift the motherboard up until it releases from the bottom casing and remove it from the laptop.
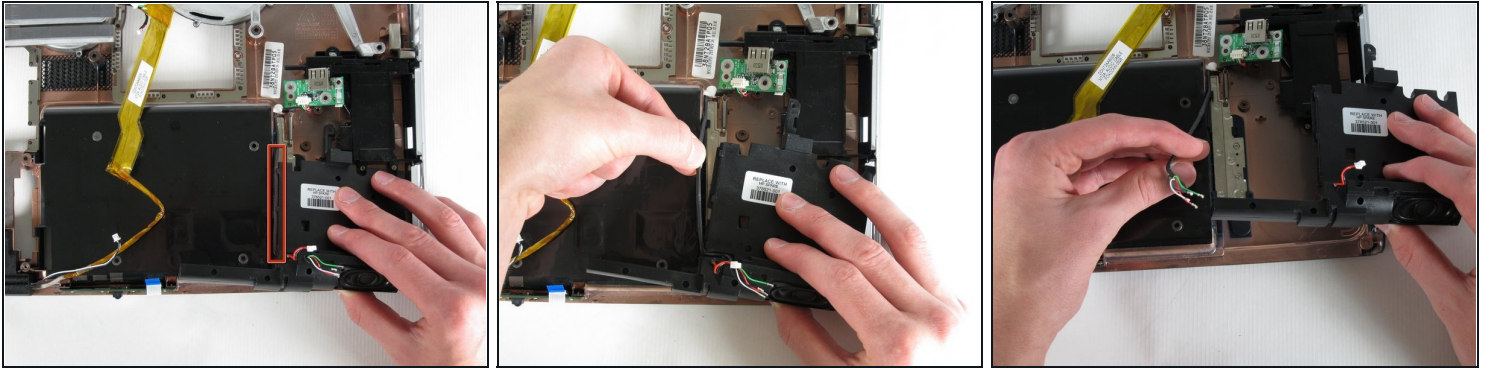
Step 52 — Right Speaker

- Unscrew the two 4mm and one 2mm Phillips screws from the USB board.

Step 53

- Move the USB board out of the way and raise the right speaker unit up two inches.

Step 54

- Pull out the black cable running along the left side of the right speaker unit to remove it.

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