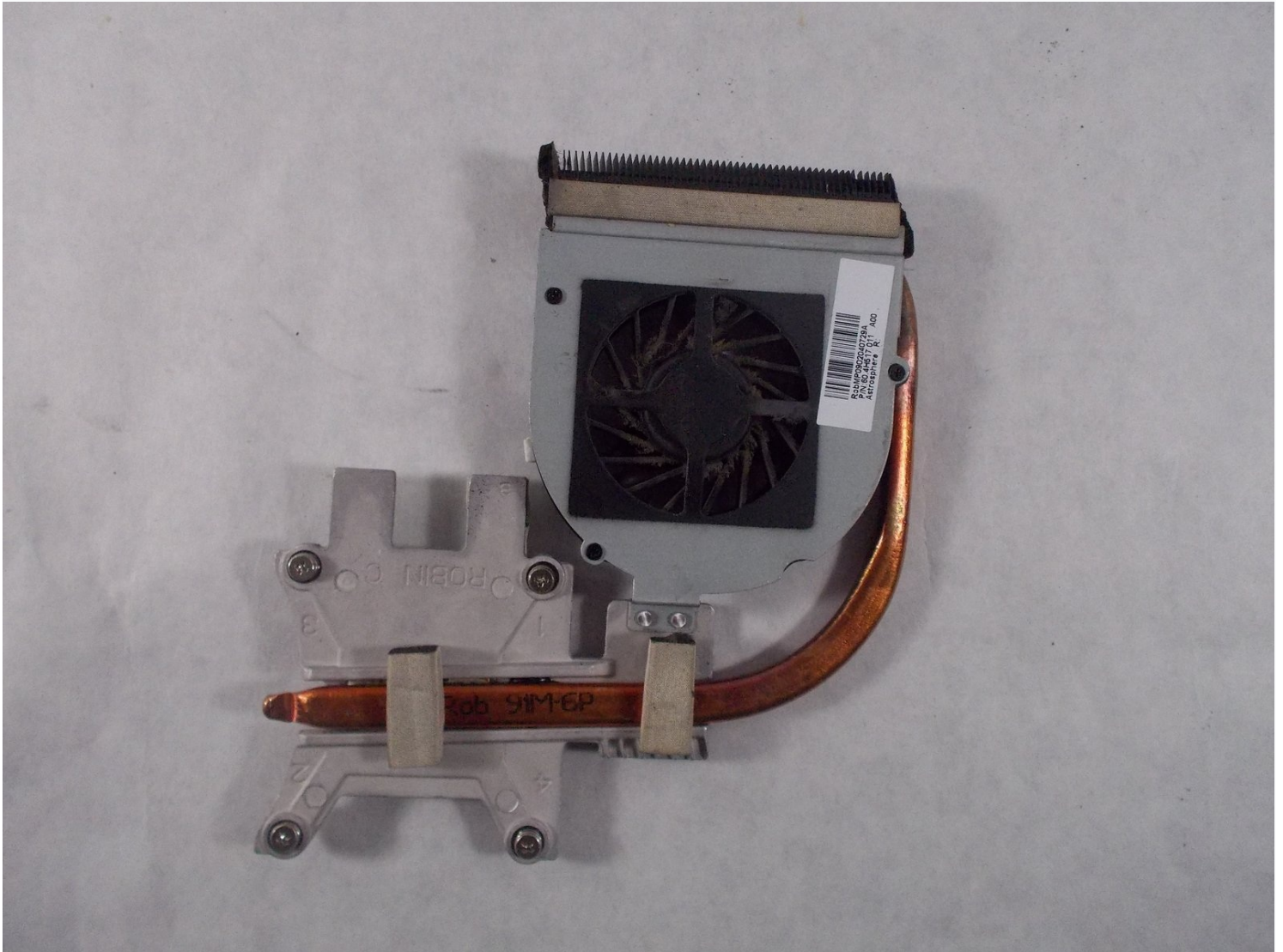# HP Pavilion G60-247CL Fan Replacement

This guide will show you how to replace the fan...

Written By: Haley Matthews

INTRODUCTION

This guide will show you how to replace the fan of the HP Pavilion G60-247CL.
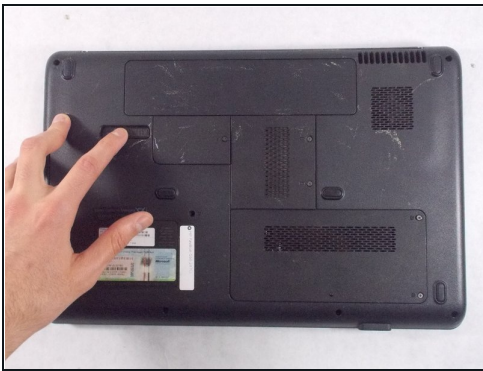
🔧 TOOLS:

Phillips #1 Screwdriver (1)
Precision Tweezers Set (1)
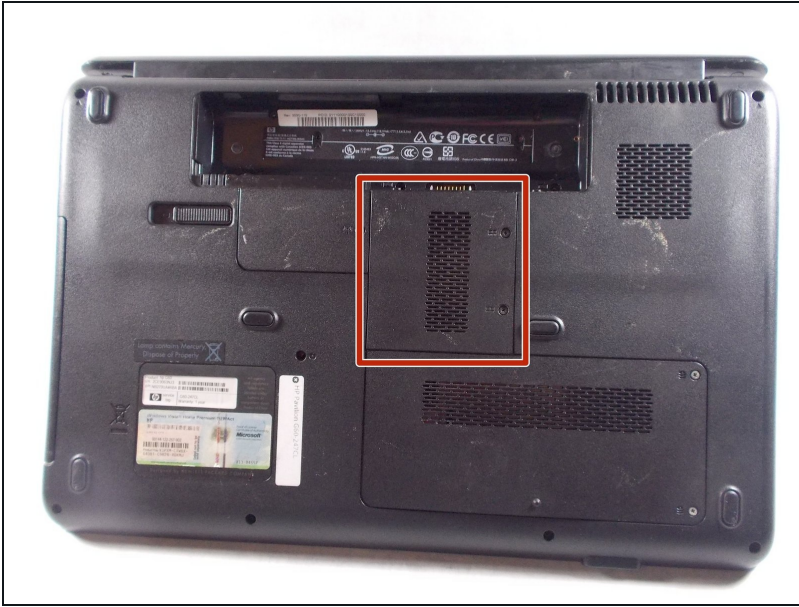Spudger (1)
Phillips #0 Screwdriver (1)

Step 1 — Battery

- Press down and to the right on the battery lock slide.

- Once slid over to the right the battery will pop up and out.
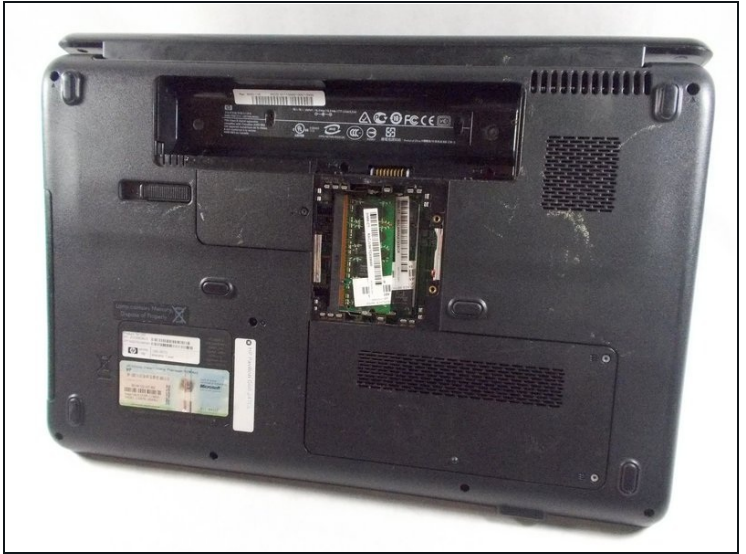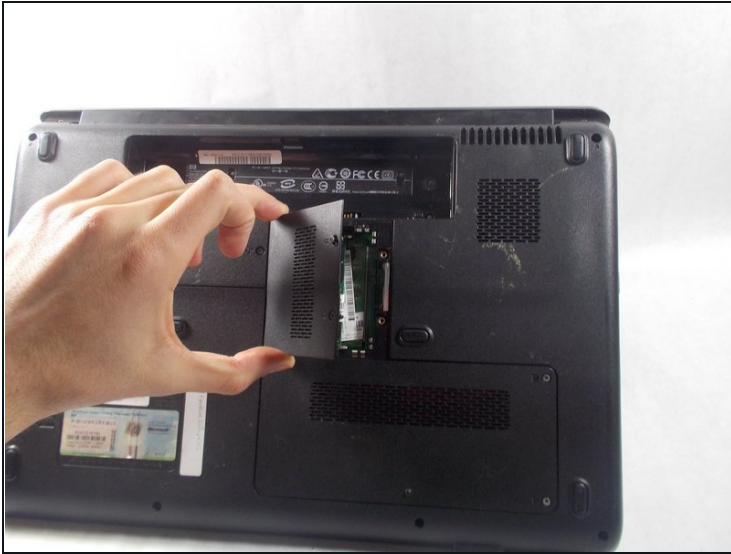
Step 2 — RAM

- Locate RAM access door on the bottom side of the laptop.
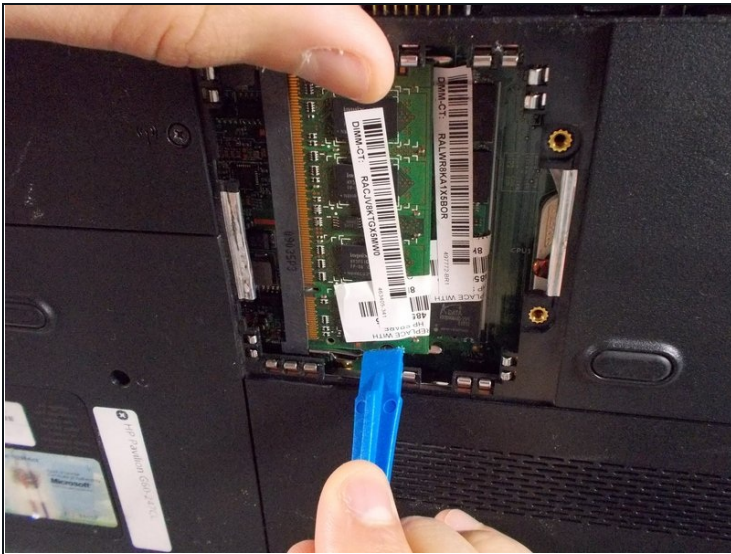
Step 3

- Remove the two screws holding down the RAM access door with a Phillips #1 screwdriver.

Step 4

- Lift up on the RAM cover and remove it to reveal RAM sticks.
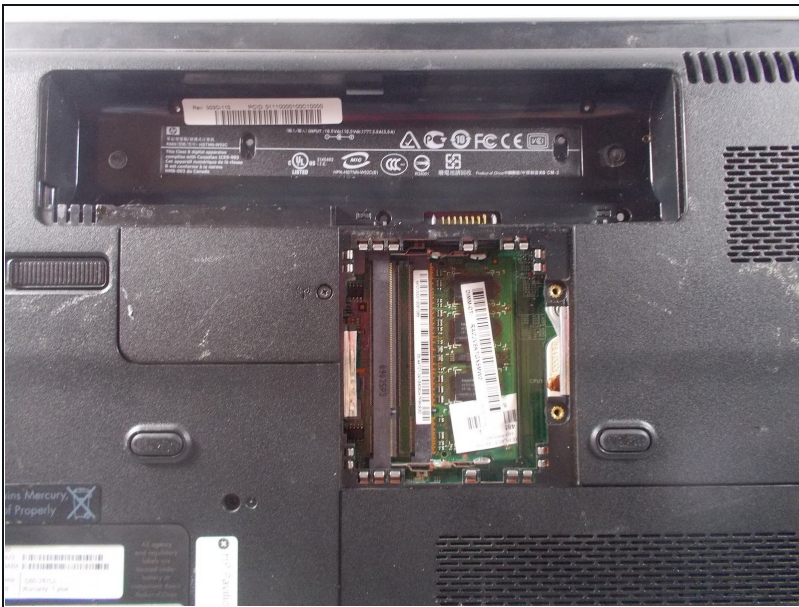
Step 5

- Gently pull apart the two metal tabs located on both sides of the stick of RAM.
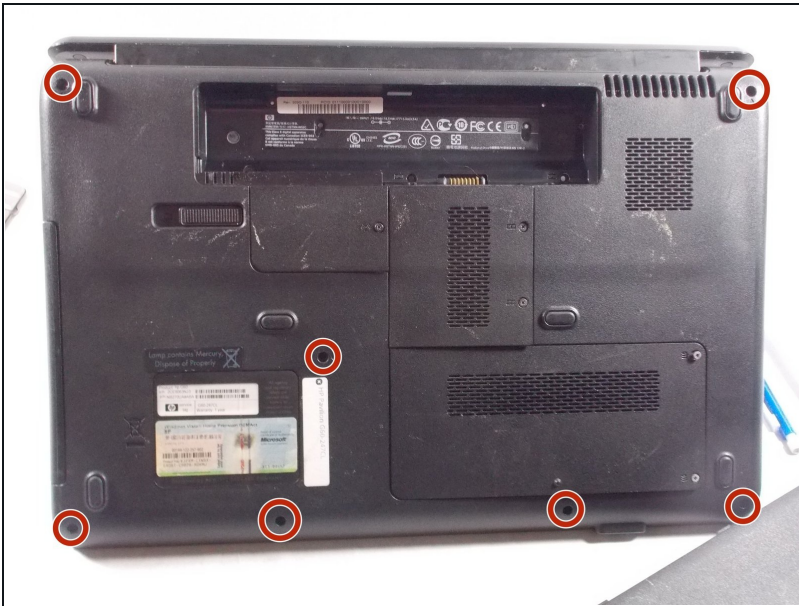
Step 6

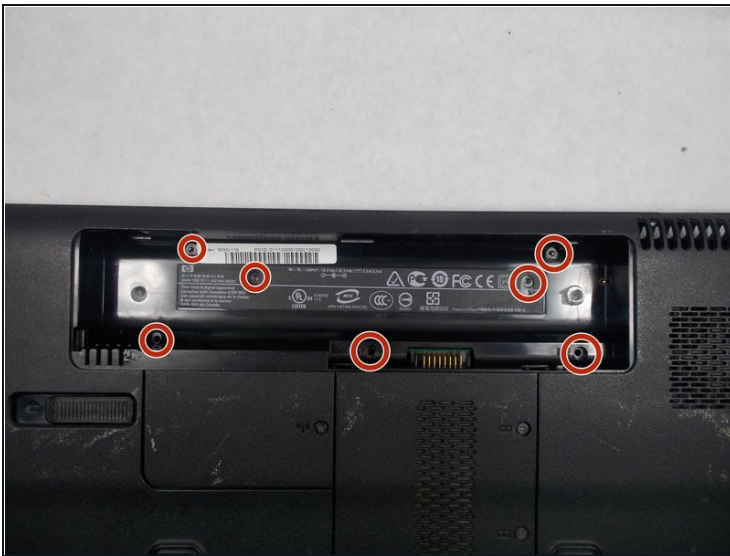- Gently lift the RAM stick up and out of its seat.

Step 7

- Repeat the previous two steps for the remaining stick of RAM.

Step 8 — Screen

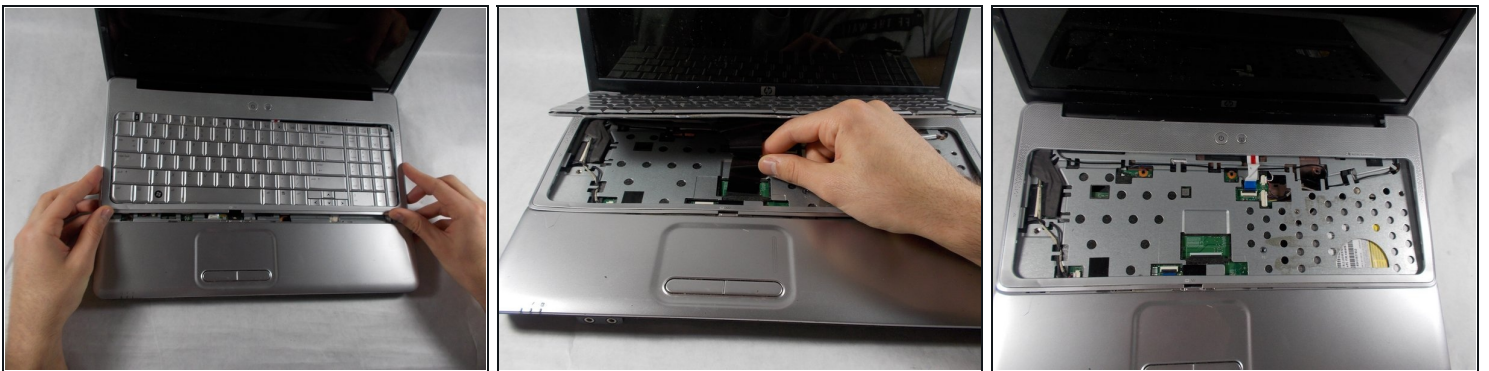- Remove the seven Phillips #1 screws from the back side of the laptop.

Step 9

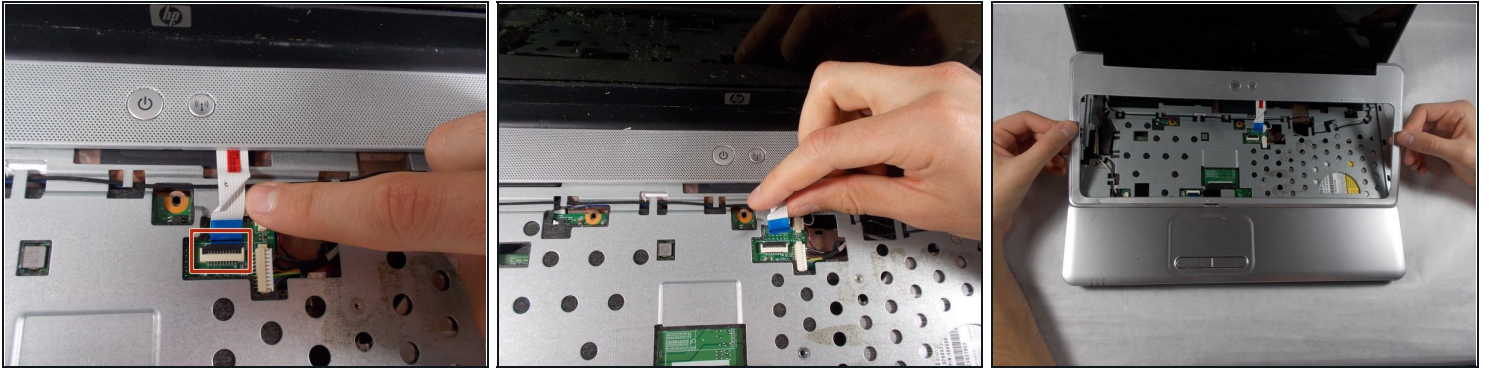- Remove the seven Phillips #0 screws from the battery compartment.

Step 10

- Turn the computer around to the front side.

- Using an opening tool (Spudger), prop open the keyboard casing.
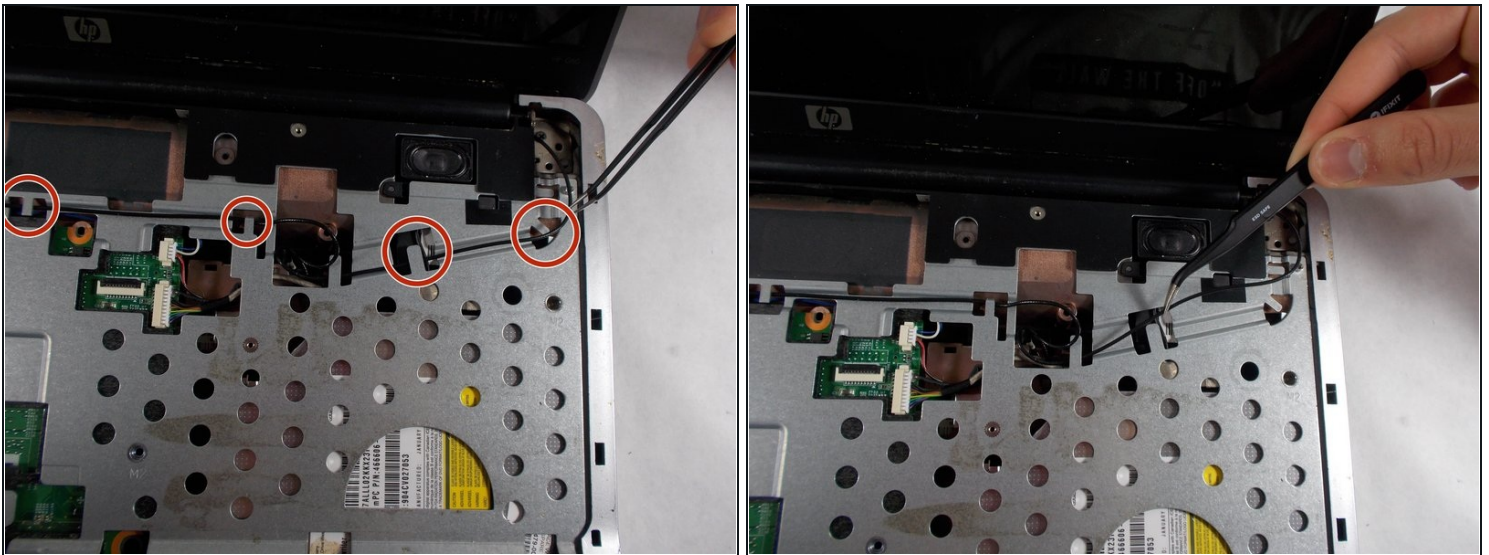
Step 11

- Carefully lift up the keyboard.

- Gently pull up the connecting wire clip (located in the middle) to completely detach the keyboard.
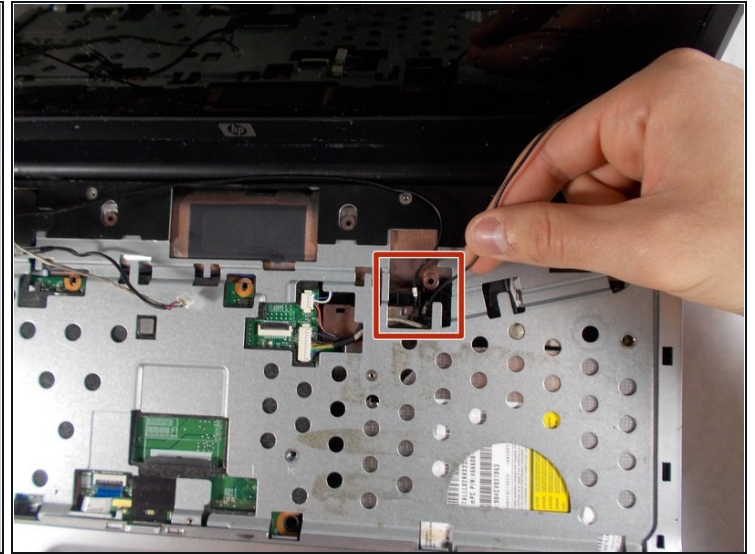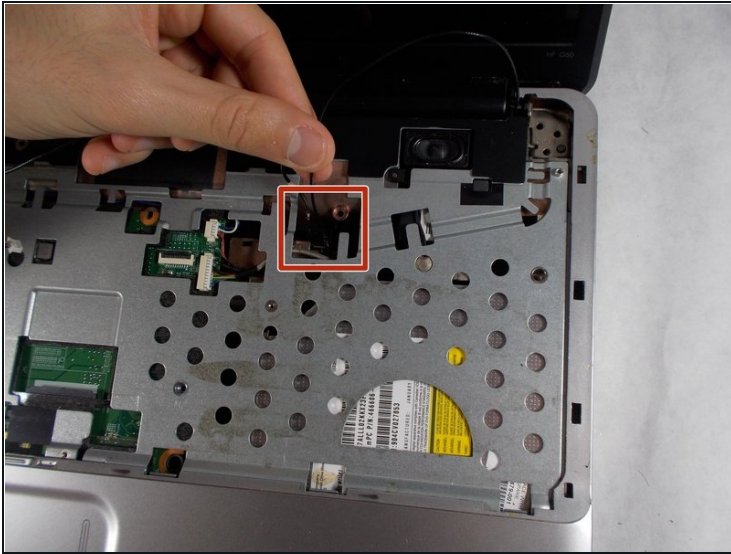
Step 12

- At the top right of the laptop there will be another wire clip holding the keyboard casing.

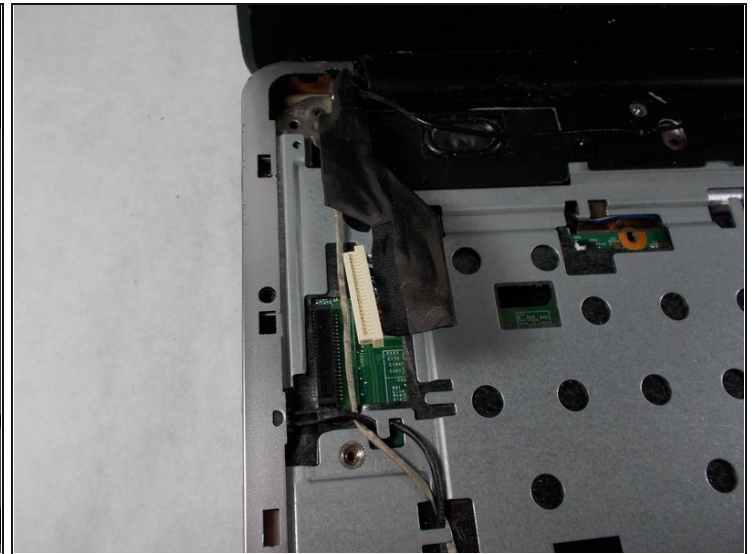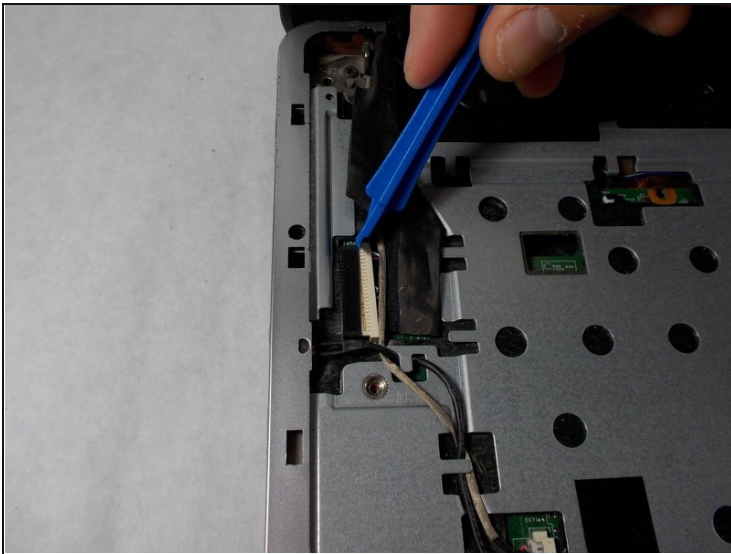- Carefully pull out the wire clip to fully detach the covering.

Step 13

- At the top right of the laptop remove the black wire from under the metal tabs using the tweezers.

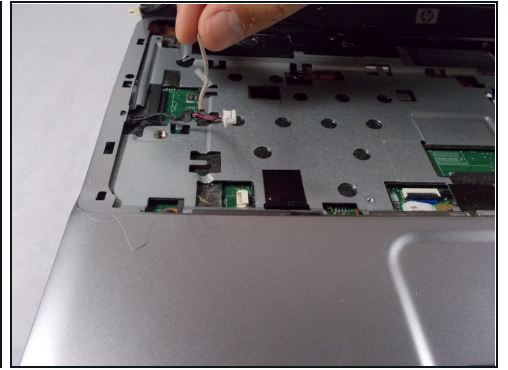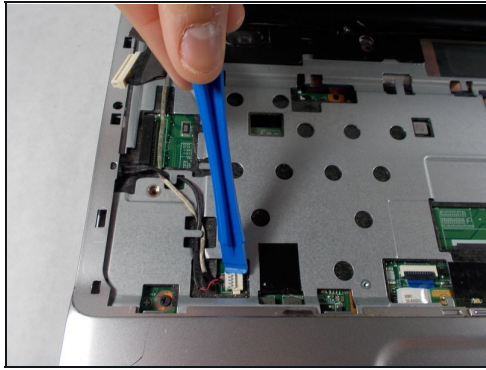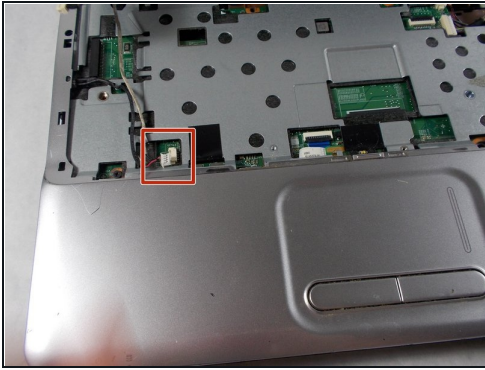## Step 14

- Remove the black wire from the top right corner by gently pulling outward.
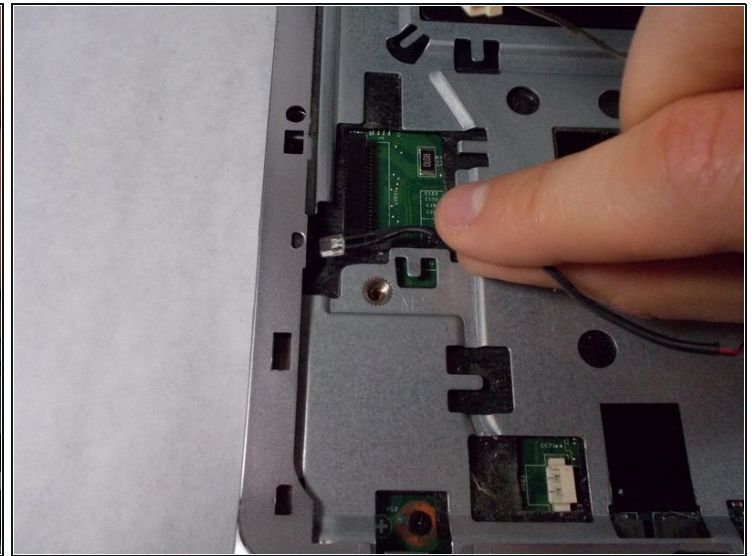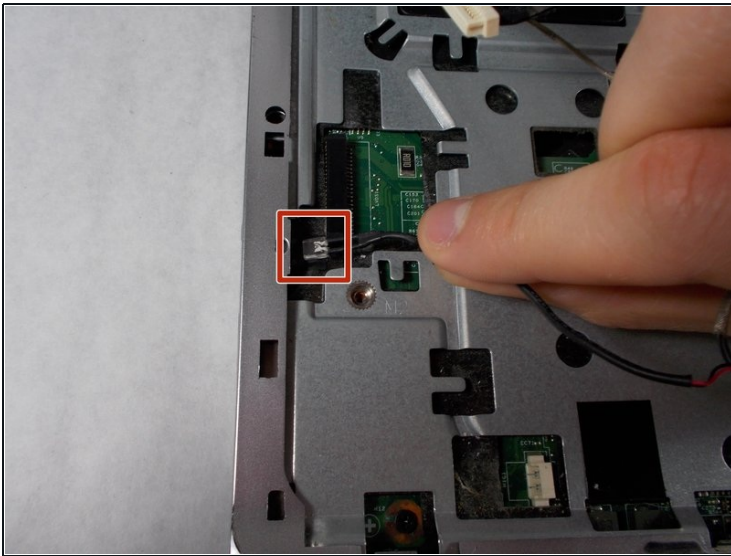
Step 15

- At the top left of the computer remove the black clip using the opening tool.

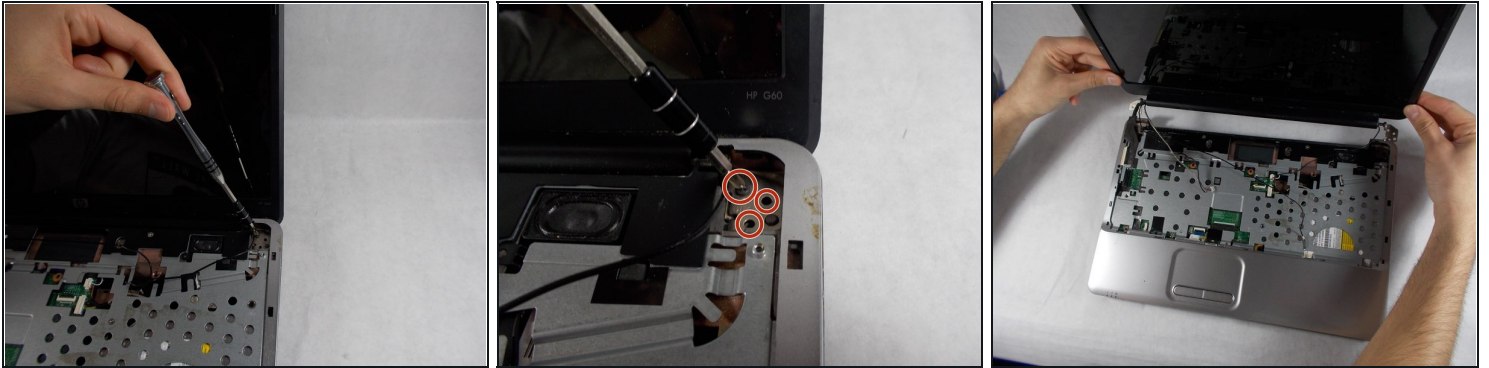- Push the opening tool to the right to pop out the clip.

Step 16

- Locate at the bottom left of the computer a white clip.

- Using an opening tool, prop out the white clip.
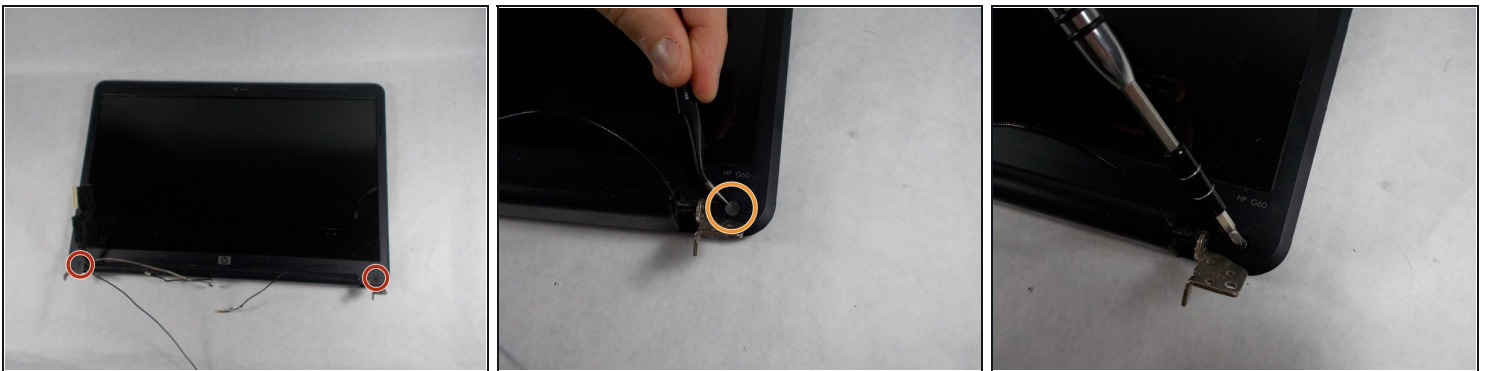
Step 17

- On the left side of the computer locate the black wire with the clear clip.

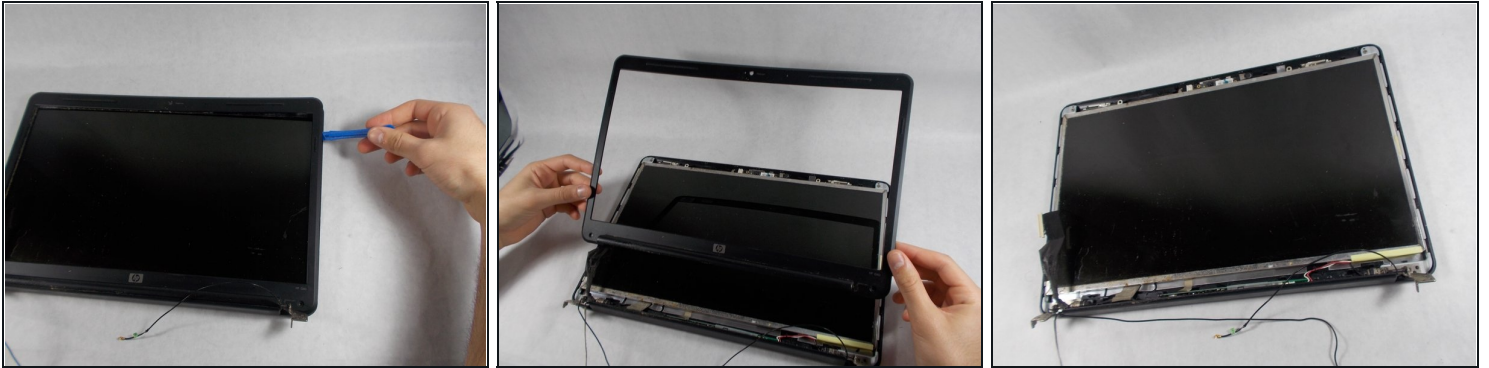- Gently pull the wire to the right to detach it.

Step 18

- At the top corners of the computer, unscrew the three Phillips #0 screws.

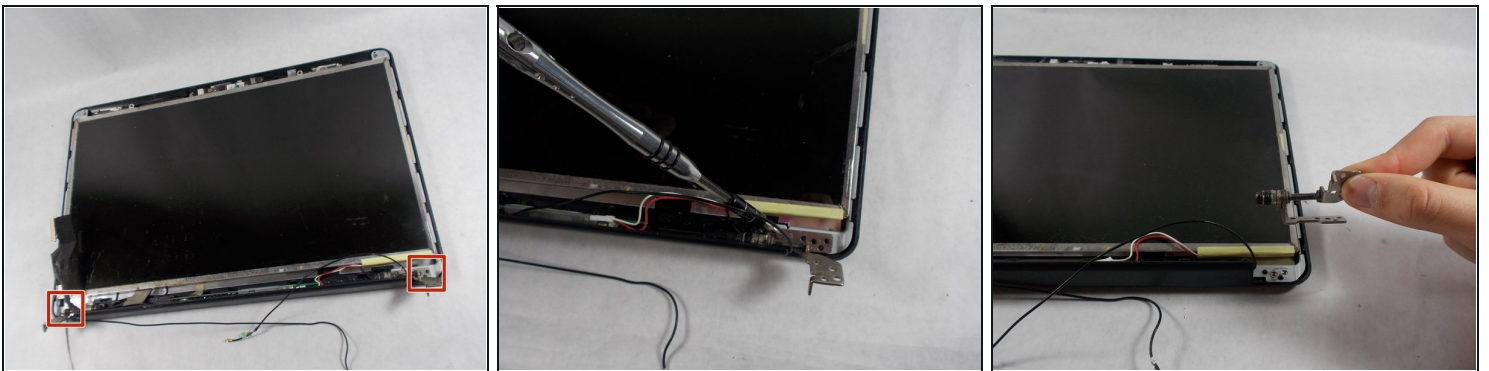- Lift up the top half of the computer carefully.

Step 19

- Locate the two screws at the bottom corners of the screen.

- Using the tweezers remove the rubber black covering over the screw.

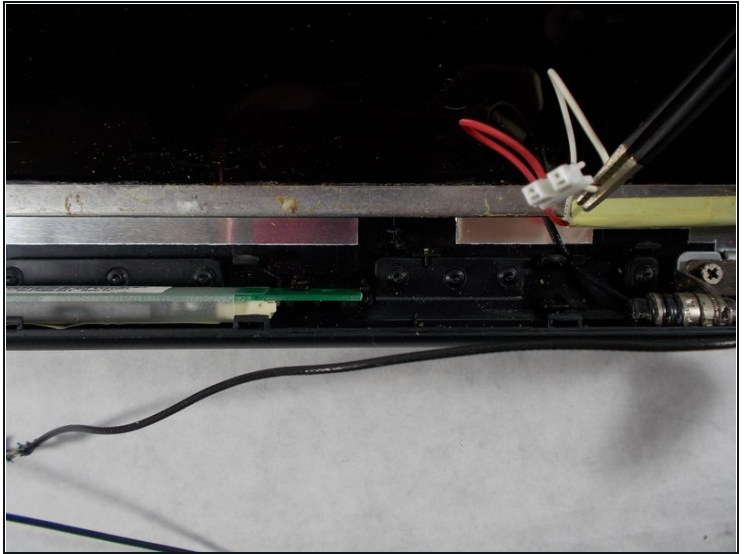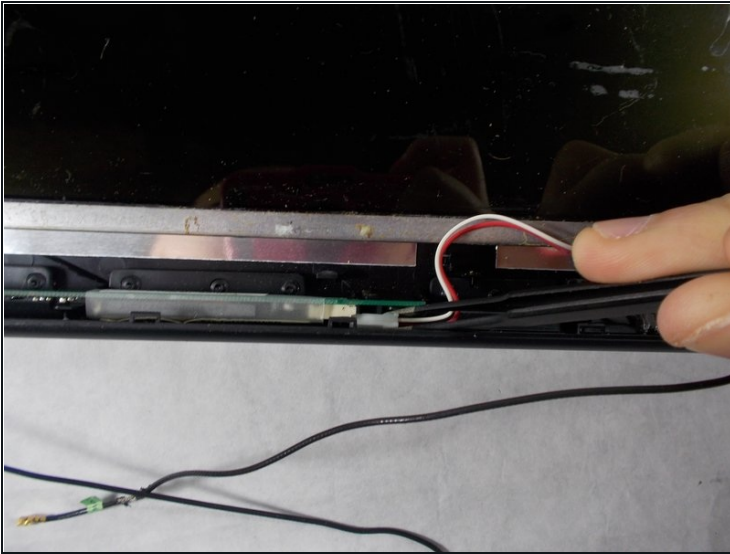- Remove the two Phillips #0 screws.

Step 20

- Using the opening tool, prop off the screen covering.

- Remove the covering to expose the screen completely.
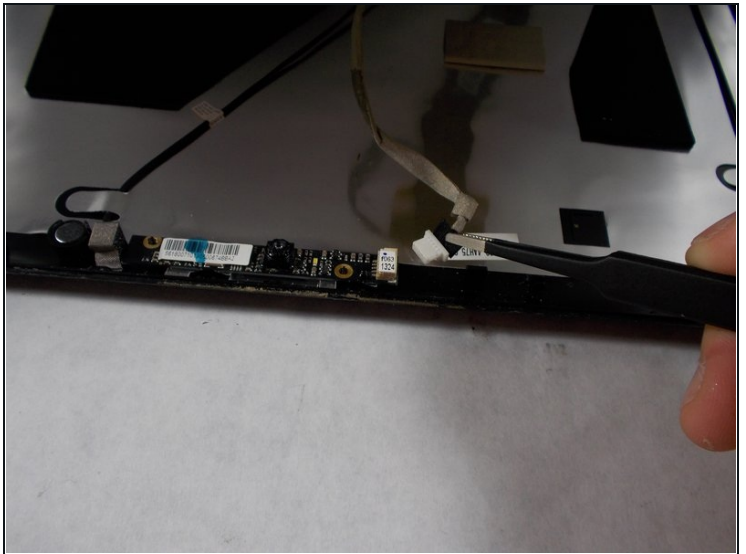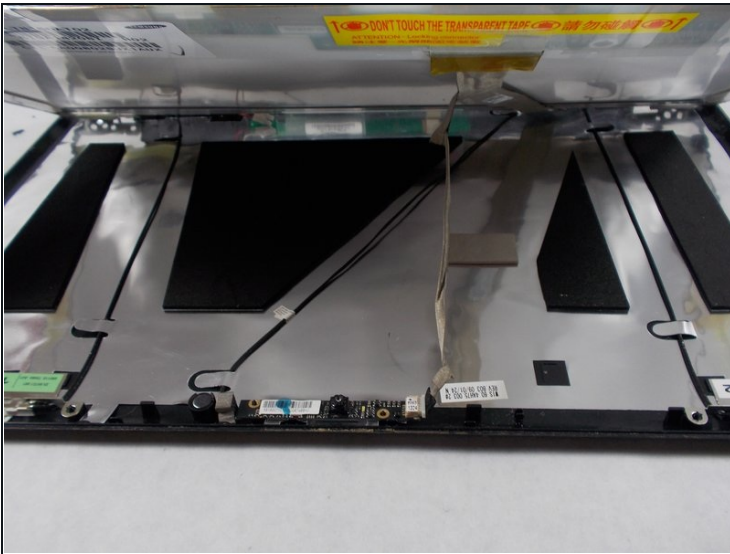
Step 21

- Remove the bottom two screen bearings.

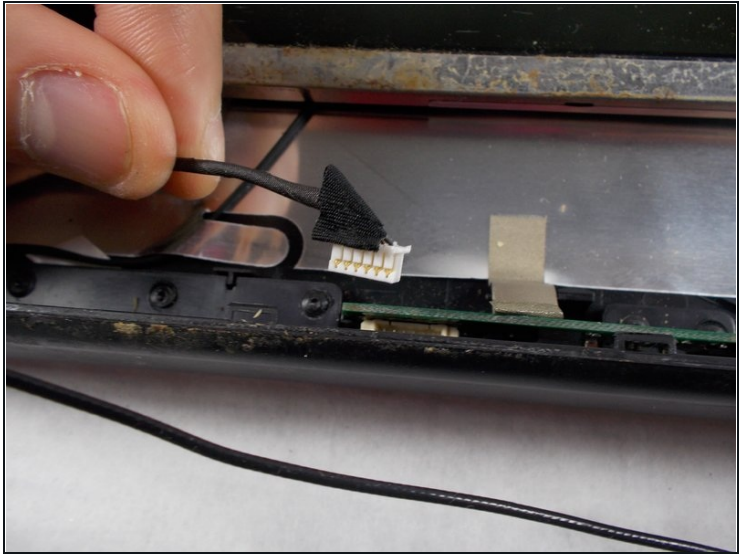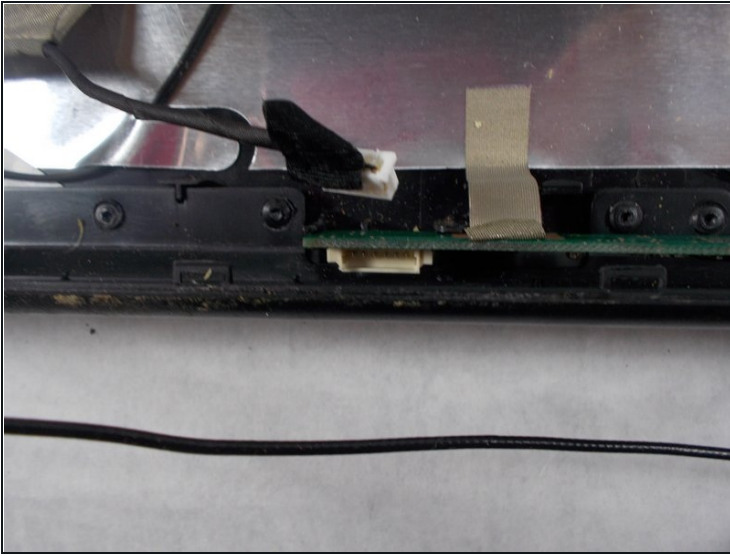- Using a Phillips 1 screwdriver, remove the two screws on each side.

Step 22

- Using the tweezers remove the red and white wire from the bottom of the screen.

Step 23

- Prop the screen up slightly .

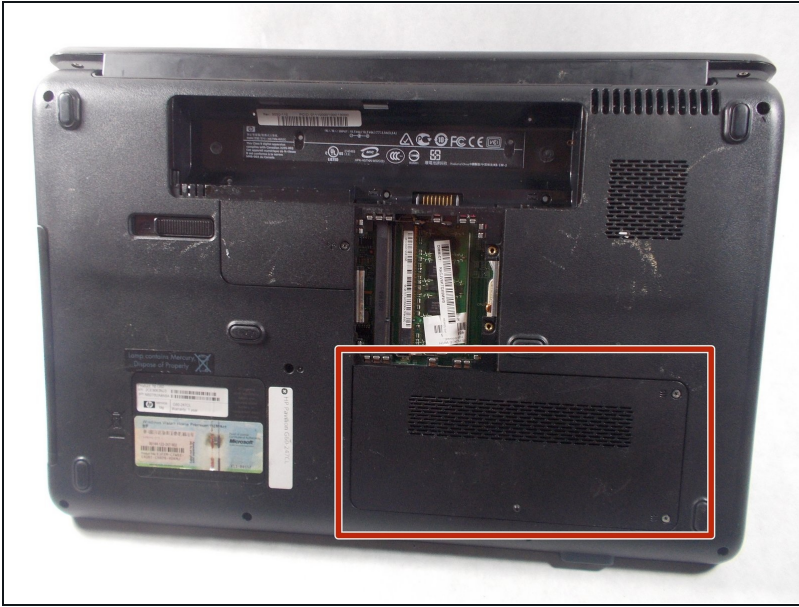- Using the tweezers unclip the white wire.

Step 24

- While the screen is still propped open remove the black wire from the bottom middle of the screen by pulling gently.
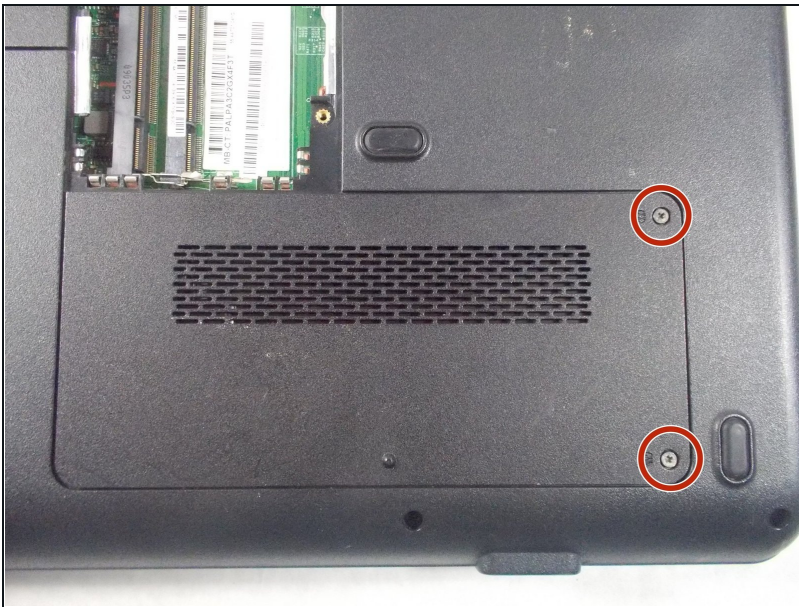
Step 25

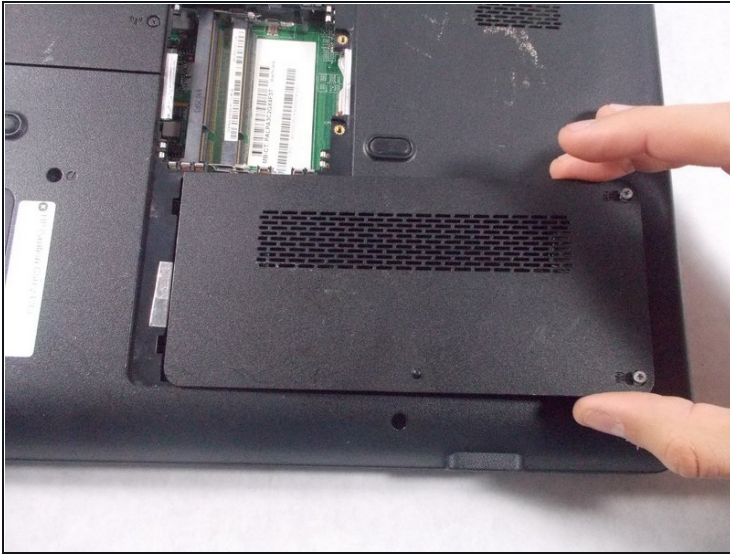- Remove the screen from the outer casing carefully.

Step 26 — Speakers

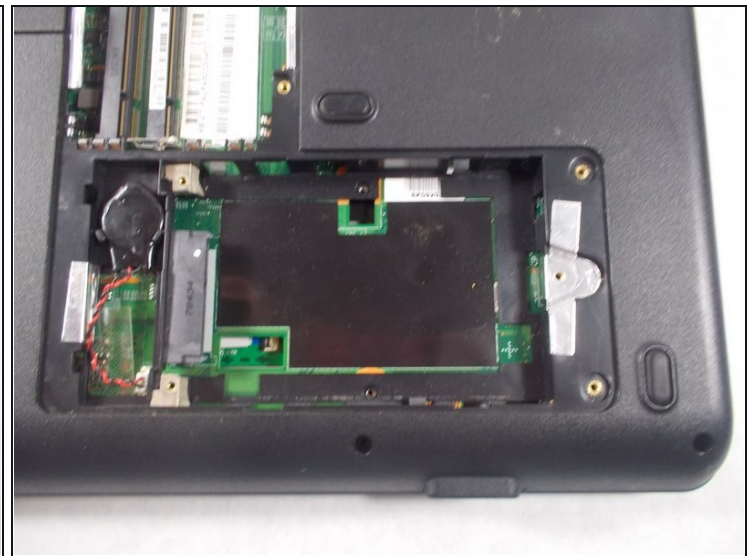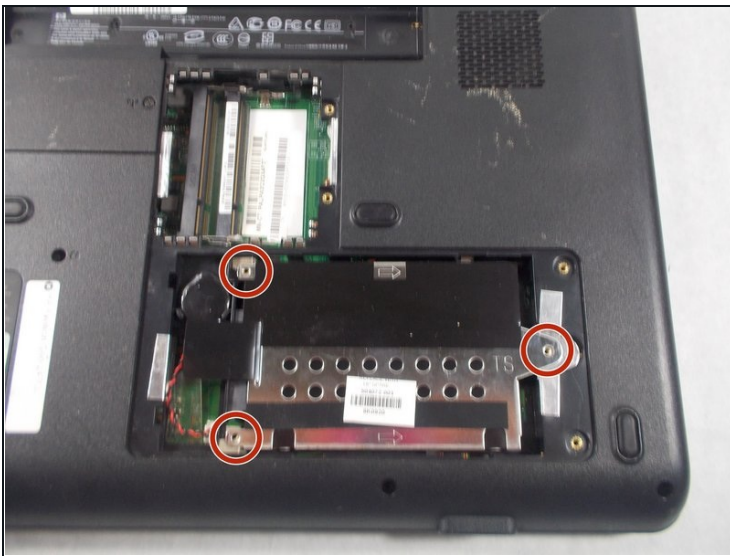- With the battery and RAM removed, locate the hard drive access panel.

Step 27

- Remove two 1.2 mm Philips#01 screws.

Step 28

- After the screws are removed, slide the hard drive panel to right to remove it.

Step 29

- Identify the three screws holding the hard drives cover in place.

- Remove each screw using a #0 Philips screwdriver to reveal the hard drive.

ⓘ This particular laptop does not contain a hard drive-- yours will.

Step 30

- Locate the storage battery, next to the hard drive.

- Genlty pop out storage battery with fingers.

Step 31

- Locate the Wifi card cover panel, left of the RAM.

- Using a Philips #1 screwdriver remove the screw holding the panel down.

Step 32

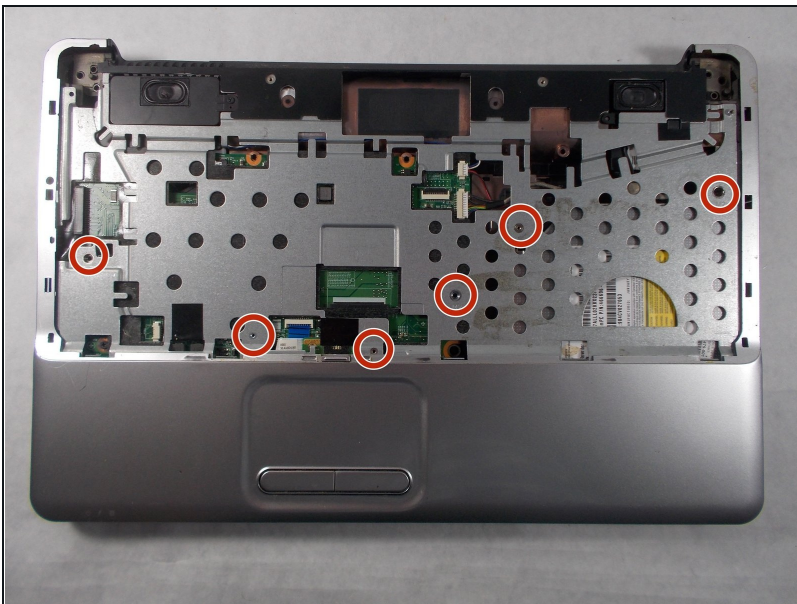- Lift up on the screw side to remove the panel.

Step 33

- Remove two 1.2 mm Philips#01 screws.
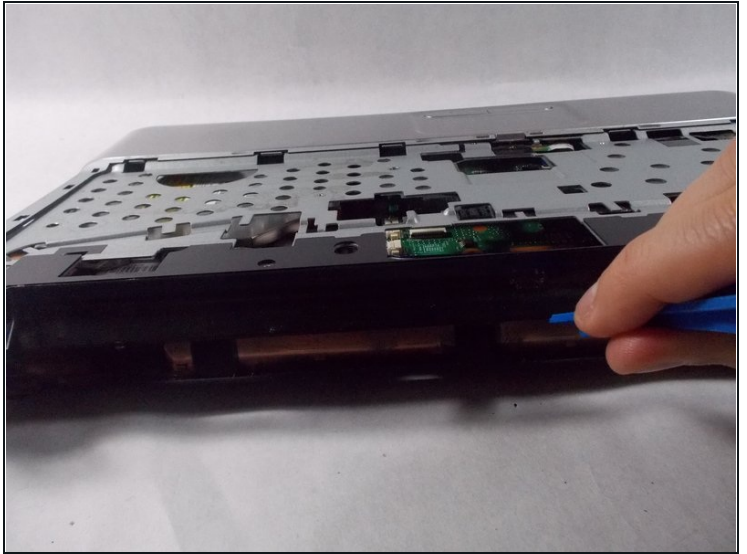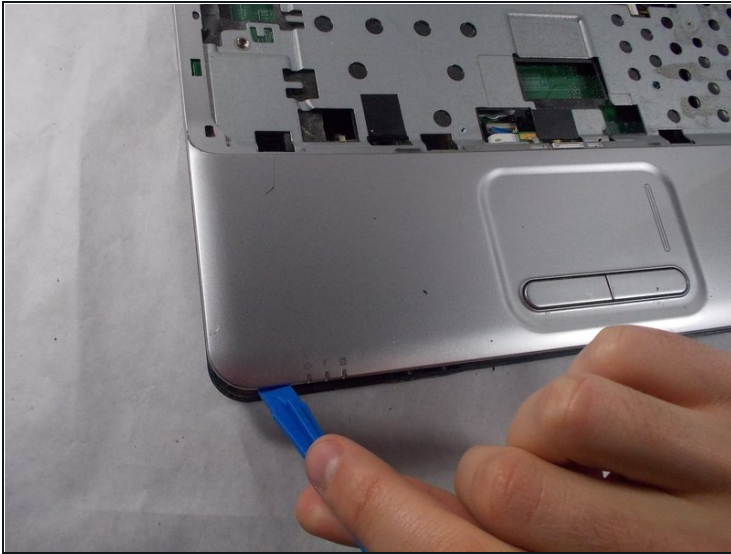
- As the screws are removed the Wifi card will pop up.

Step 34

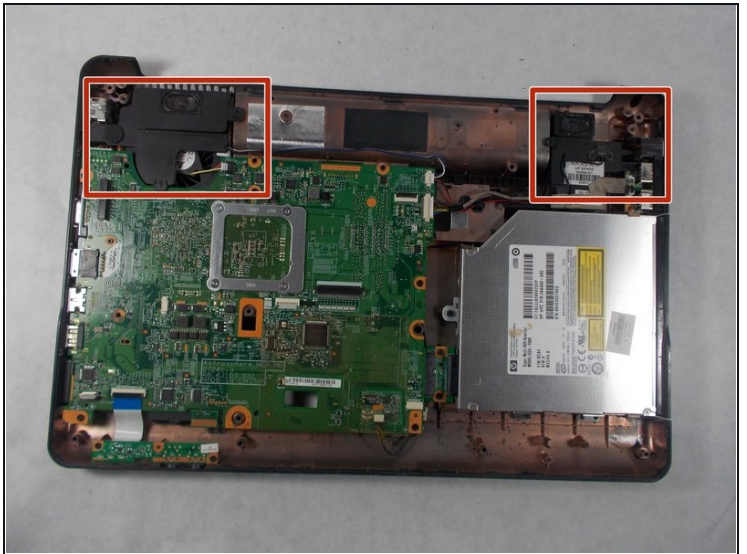- Remove Wifi card by pulling to the left of the laptop.

Step 35

- Flip over to the top view

- Remove five 1.2 mm Philips#00 swrews
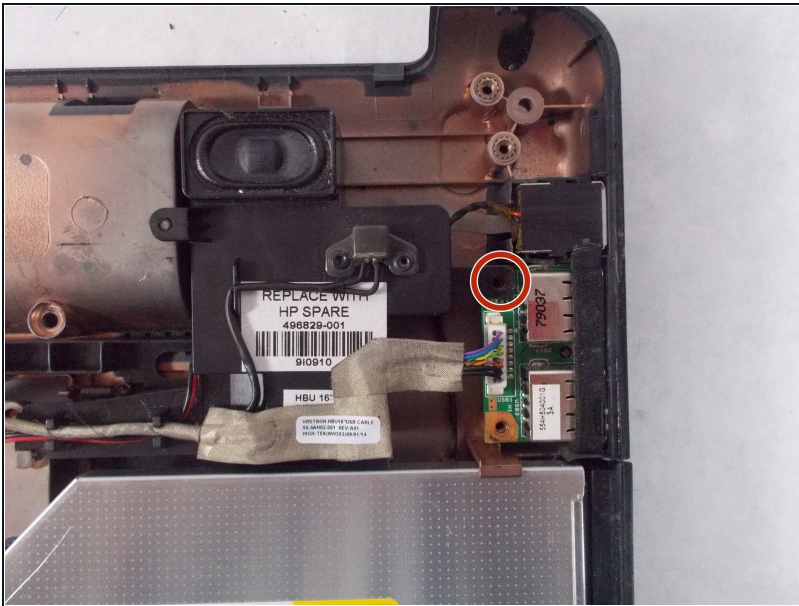
Step 36

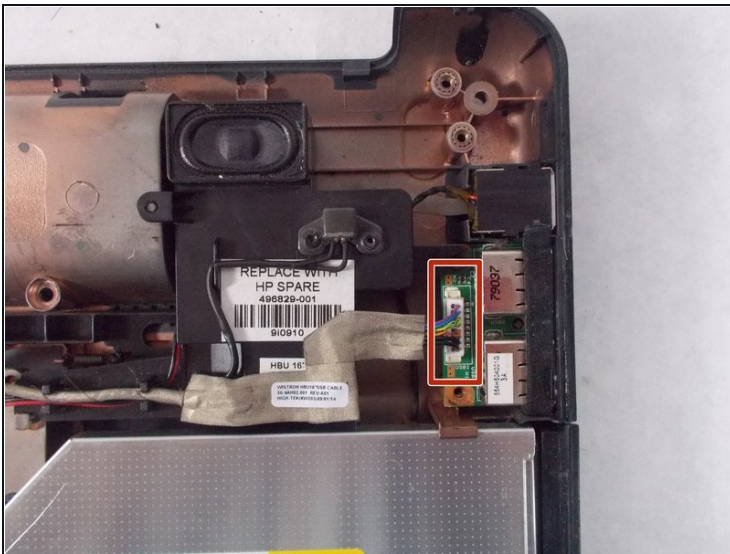- Using a spudger unclip the casing around all corners and edges.

Step 37

- lift up the casing and remove to reveal the speakers.

Step 38

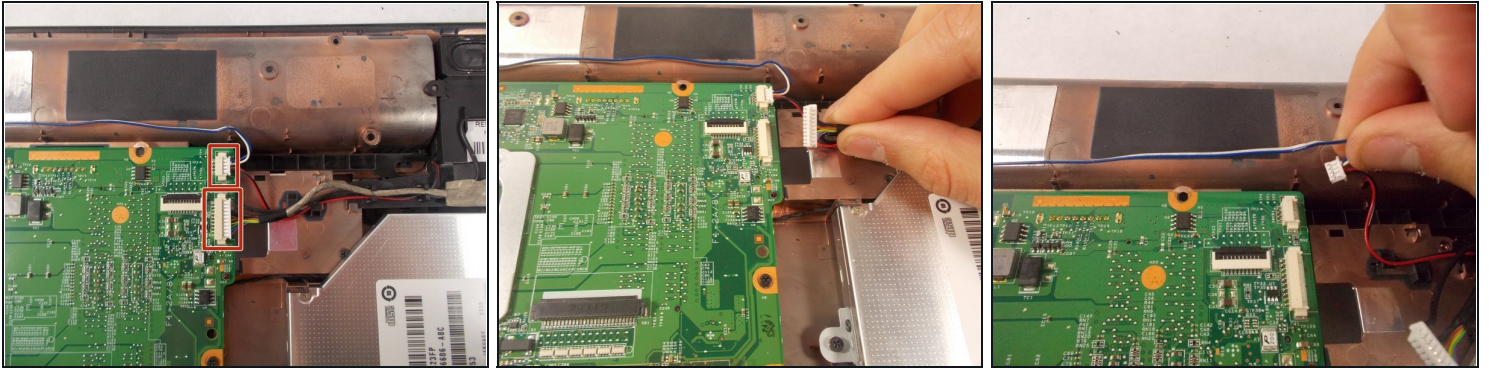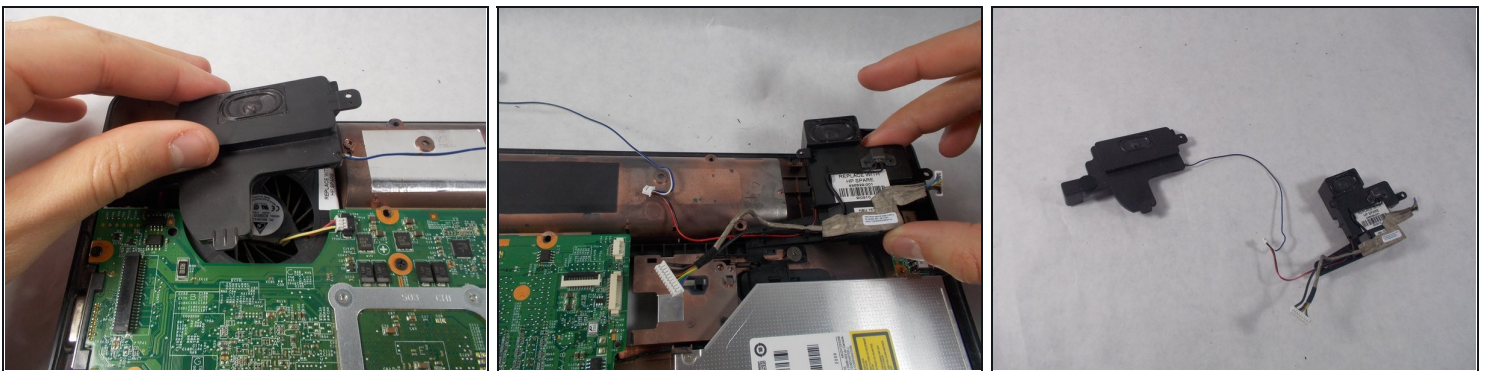- Remove highlighted 1.2 mm Philips #00 screw from right speaker.

Step 39

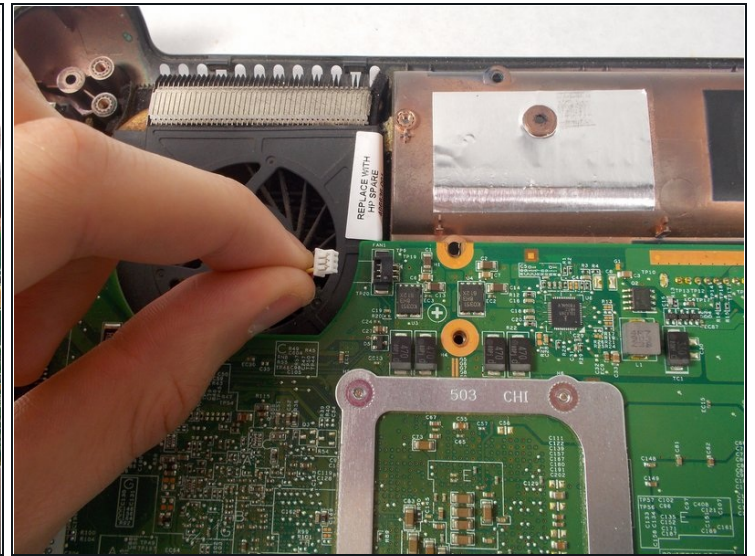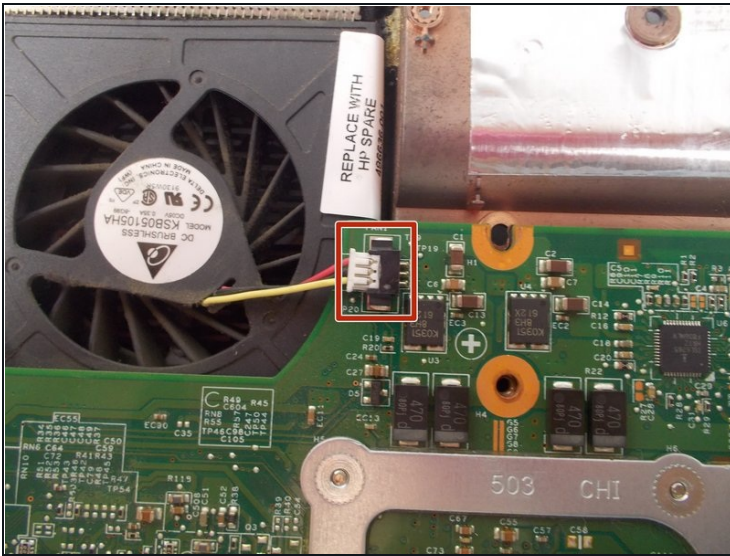- Using a spudger, remove the highlighted white wire.

Step 40

- Using a spudger, remove both additional highlighted wires from the motherboad.
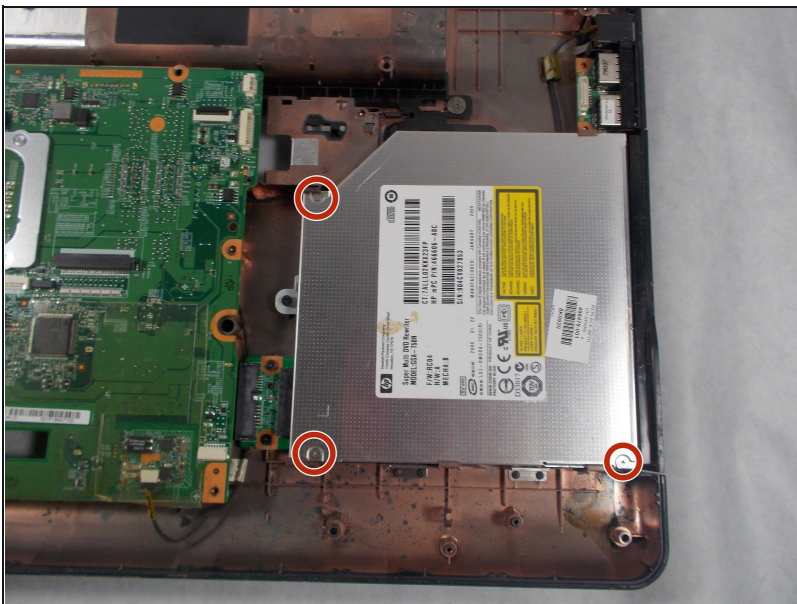
Step 41

- Lift up and out each speaker from the base.

Step 42 — Fan

- Locate the fan in the top left corner.

- Carefully disconnect the wire attached to the motherboard using your fingers.
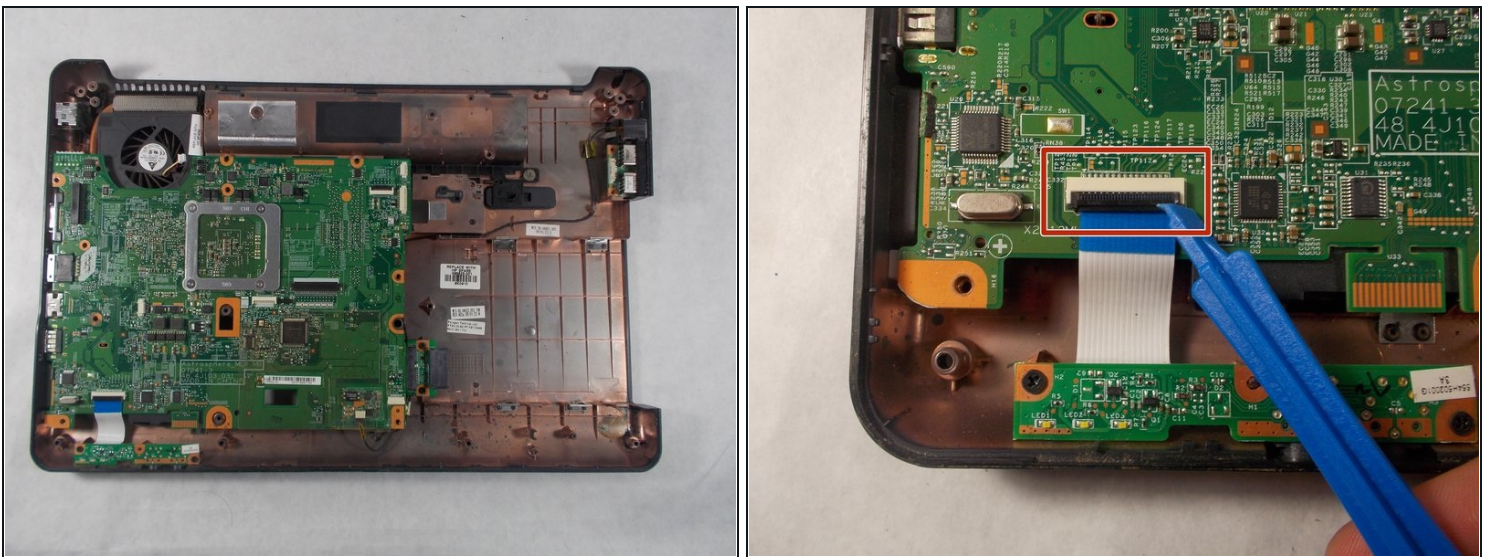
Step 43

- Locate the disk player in the bottom right corner.

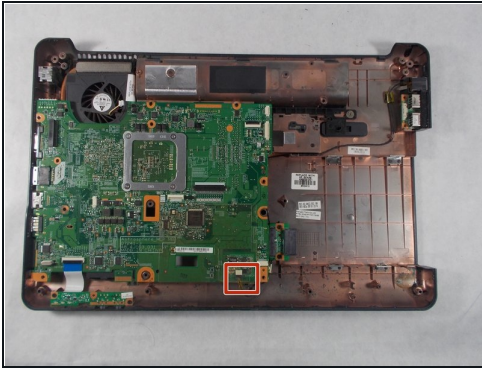- Remove three screws using a Phillips #00 screwdriver.
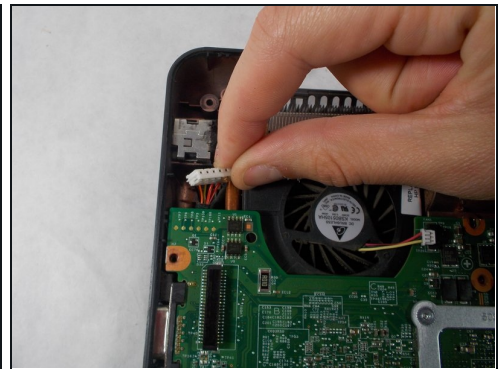
Step 44

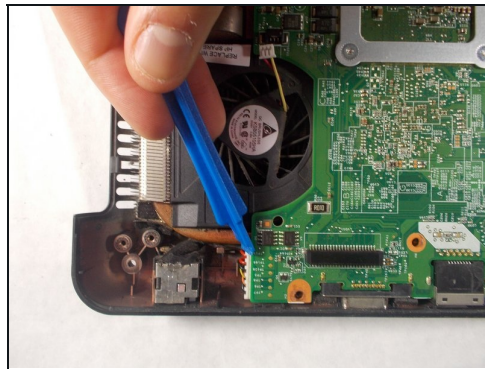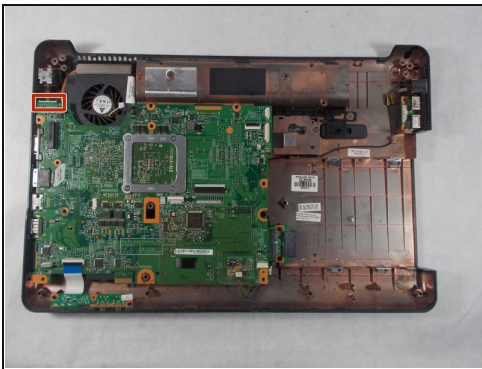- Slide out the disk player to the right.

Step 45

- Gently disconnect the ribbon cable using an opening tool.
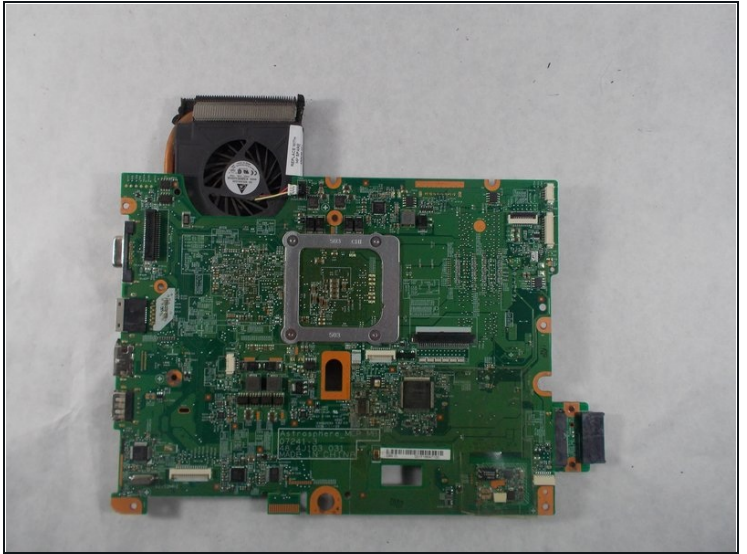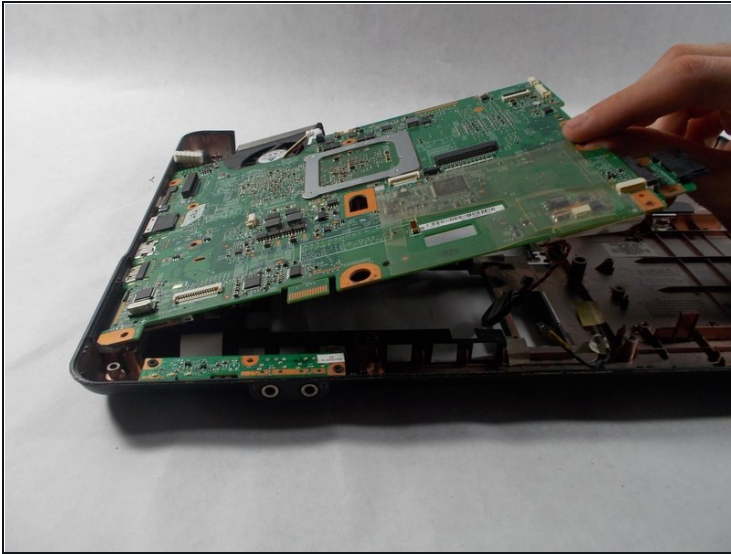
Step 46

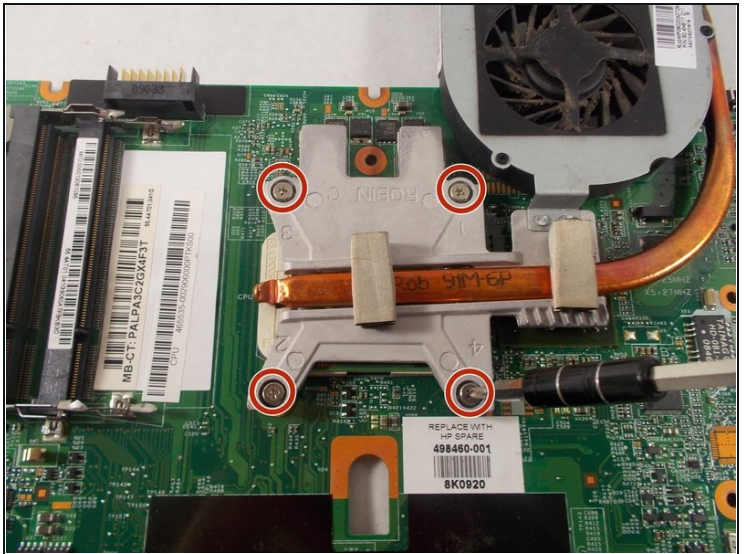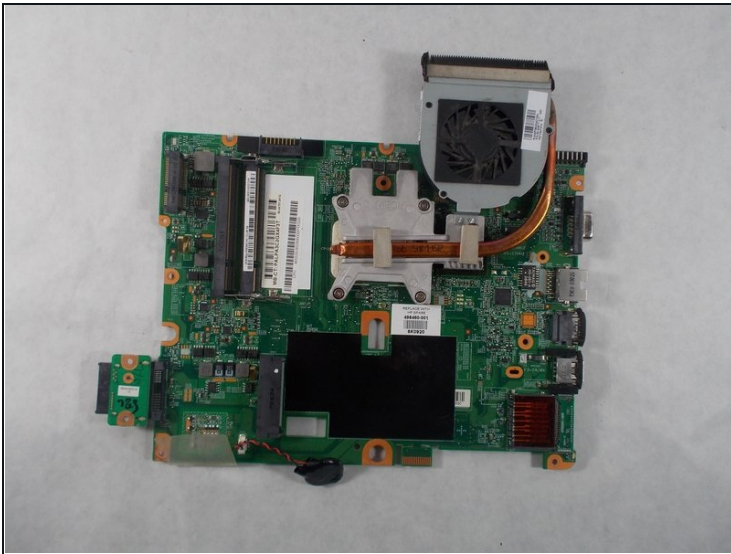- Disconnect the wire connected to motherboard by gently pulling downwards.

Step 47

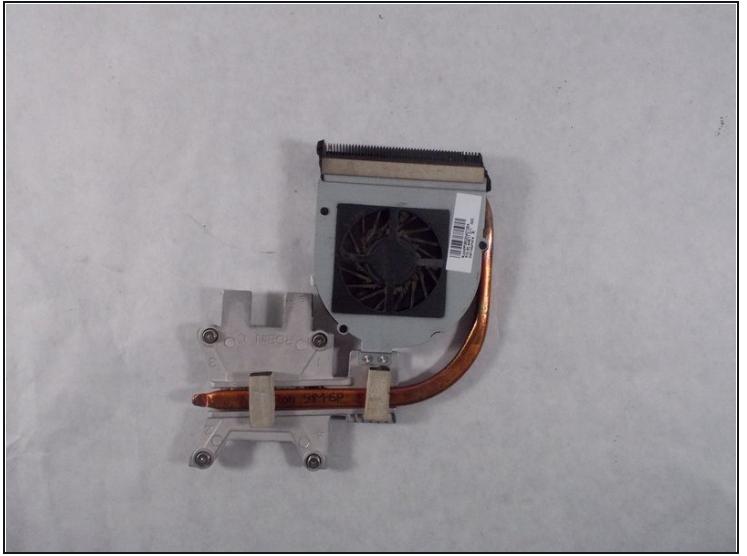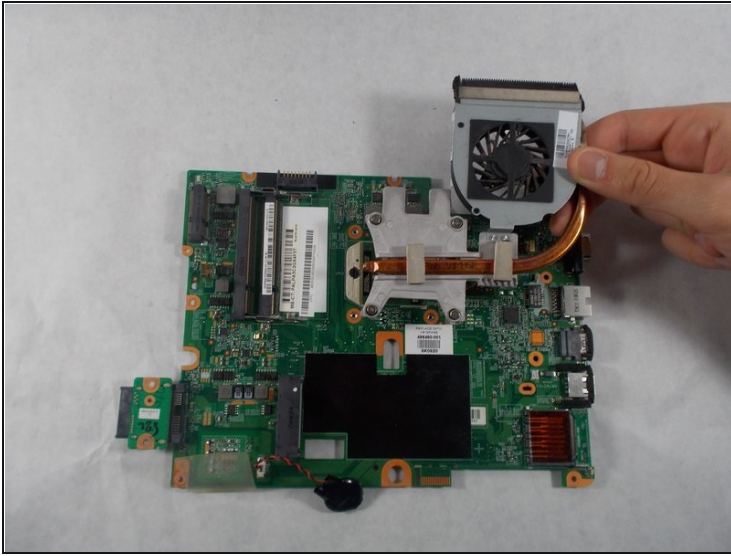- Disconnect the wire connected to the motherboard using an opening tool.

Step 48

- Gently remove motherboard with fan from the shell.

Step 49

- Flip over the motherboard to view the back side.

- Remove four 1.6 mm screws with a Phillips #1 screwdriver.

Step 50

- Gently lift out the fan.

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