



HP G61-430SB Teardown

Full teardown, in addition, you can see how you repair different parts.

Written By: Kevin D



INTRODUCTION

First of all: my apologies for my english, my native language is Dutch.

So i hope you'll understand my written guide ;)

Have fun!



TOOLS:

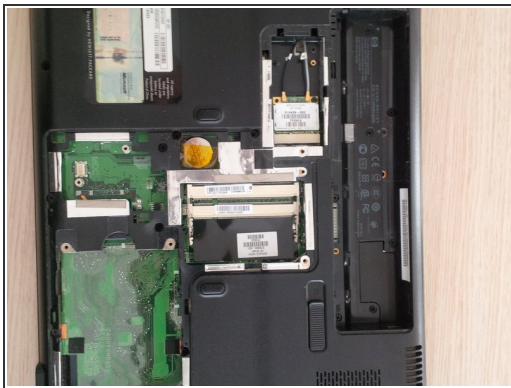
- flathead screwdriver small 2.5x0. AN 2.5x75 (1)
 - 1 philips screwdriver PH0 ANP 0x75 (1)
 - iOpener (1)
 - 1 thin flat spudger (1)
 - 1 small hook (1)
-

Step 1 — HP G61-430SB Teardown



- Turn the device over and remove the screws from the battery. Remove the black panels holding the HDD, ram, and wifi.

Step 2



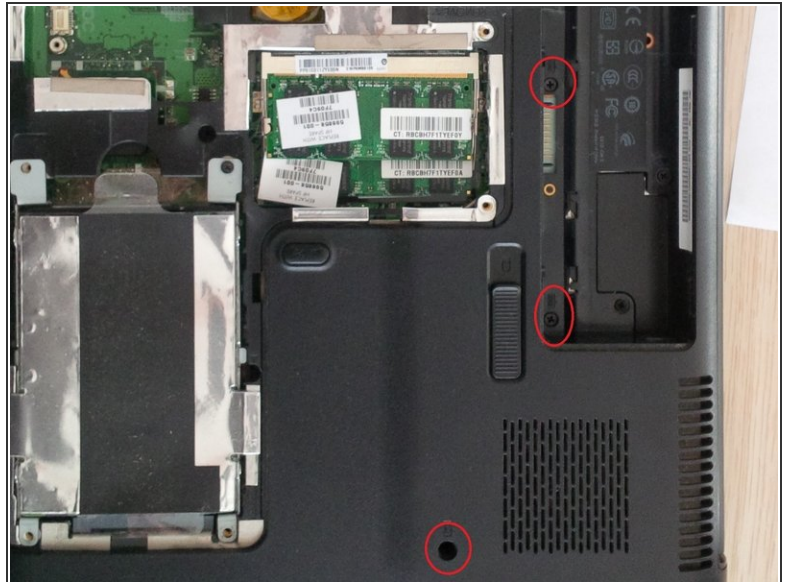
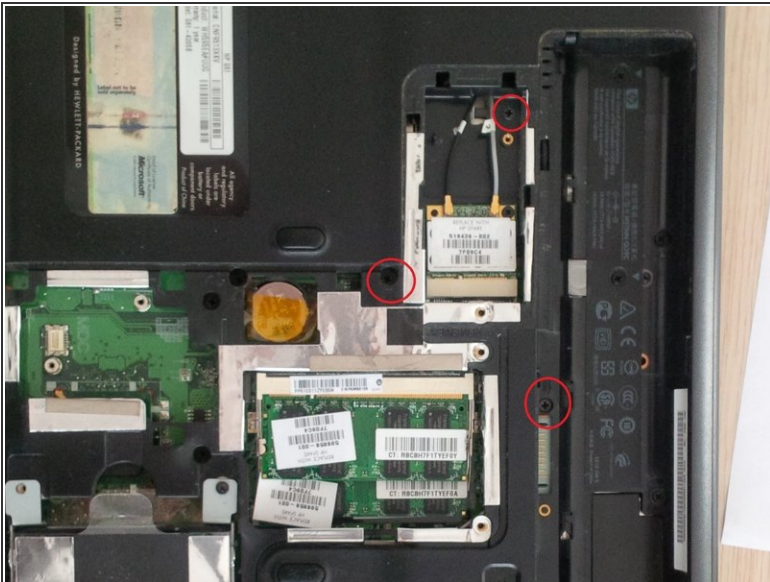
- Remove the RAM modules and the HDD as shown in the pictures.

Step 3



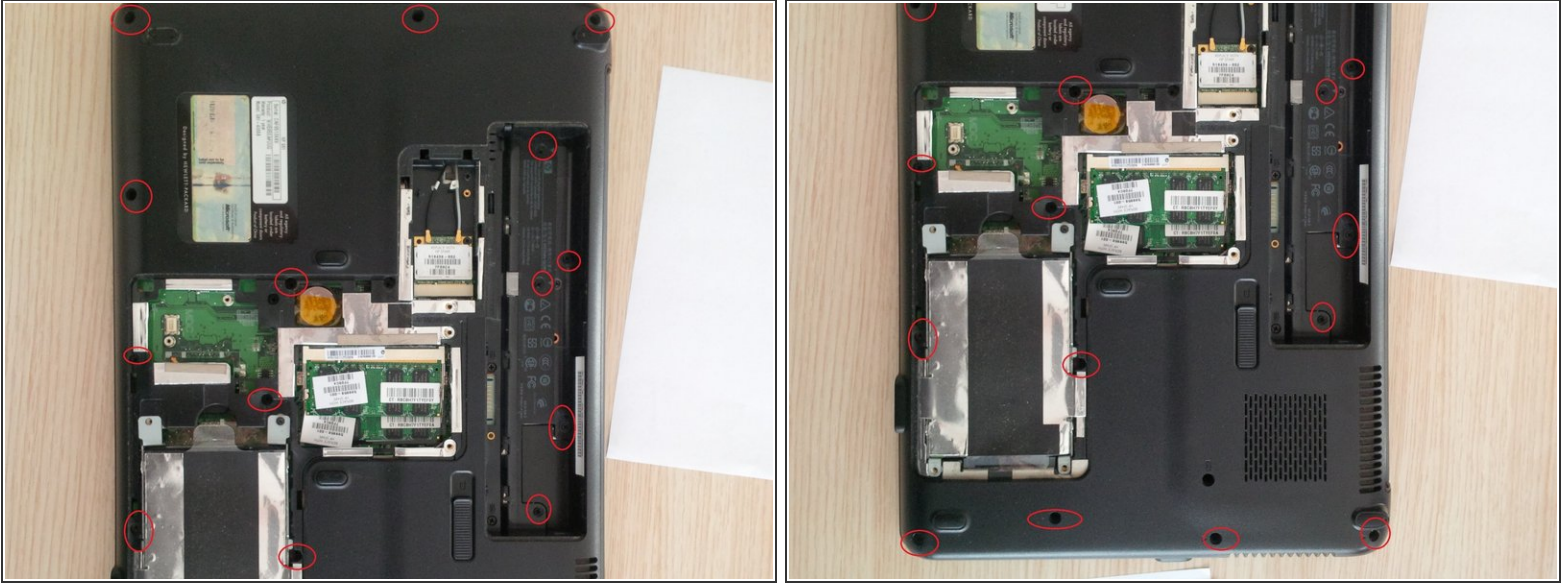
- Locate the screw for the DVD player and remove it. Then remove the DVD player with a thin spudger.

Step 4



- Remove the screws to remove the keyboard.

Step 5



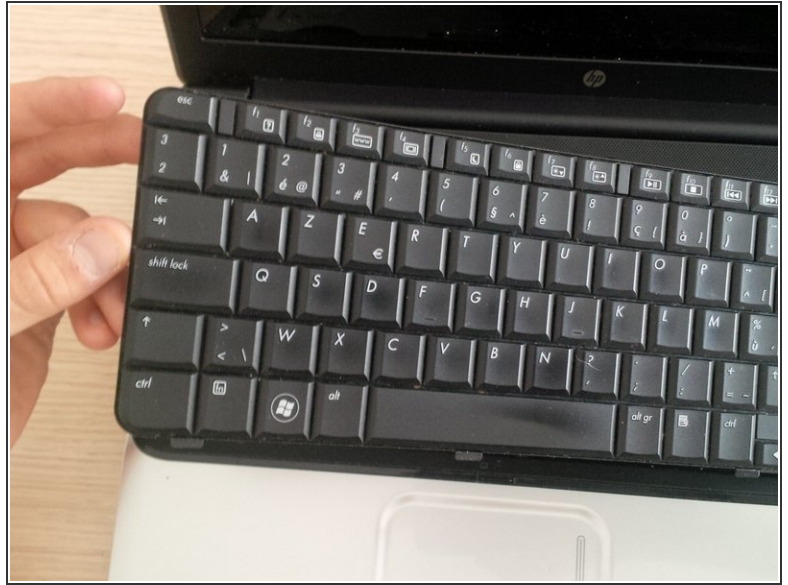
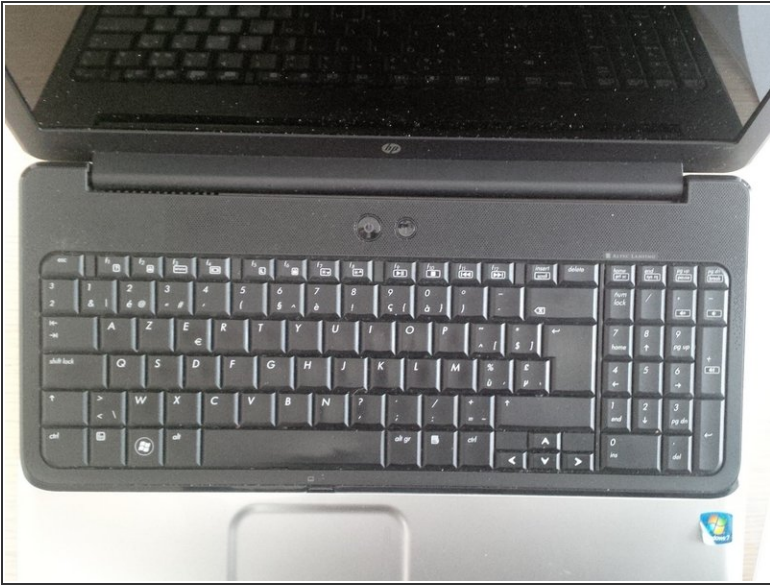
- Remove the screws that are circled in the picture. These screws hold the case of the laptop.

Step 6



- Remove the WIFI antenna cables from WIFI card.
- Then remove the screws of the WIFI card and remove the card.

Step 7



- Flip the laptop around and gently remove the keyboard with your fingers.
- Start with the corners of the keyboard.
- Gently loosen the keyboard with a flat head screwdriver or a thin spudger.

Step 8



- After removing the keyboard, find the other screws located in the grey panel.
- Remove the black plastic. Be careful with the white flat cable.

Step 9



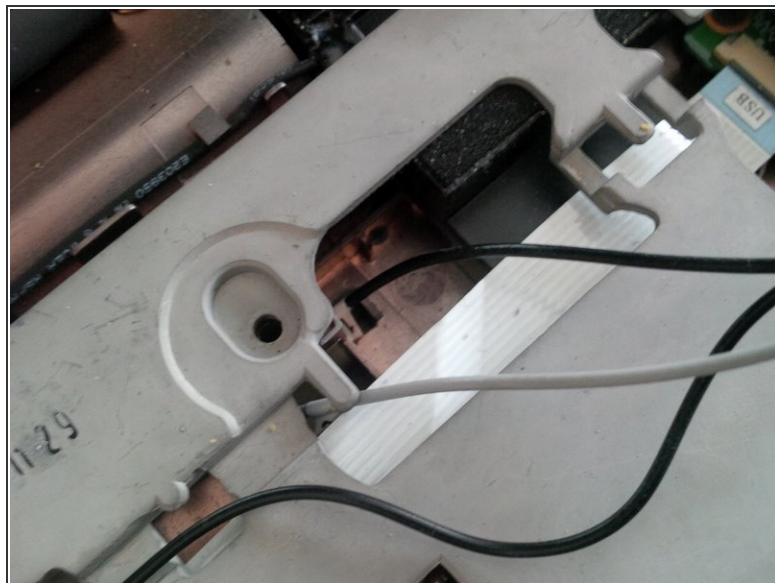
- Remove the black flat wire of the LCD screen from the motherboard.

Step 10



- Remove the hinge screws with the screwdriver from the left side to the right side.
- Under one of the two hinges, there is a hidden screw (case)

Step 11



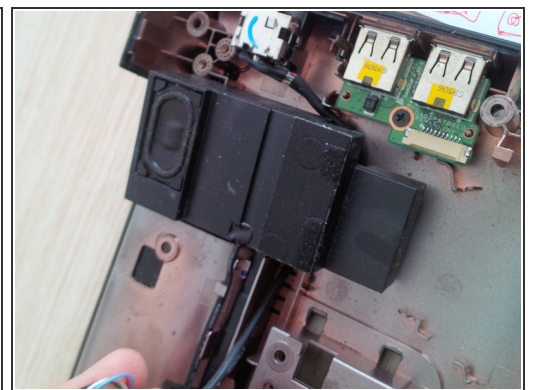
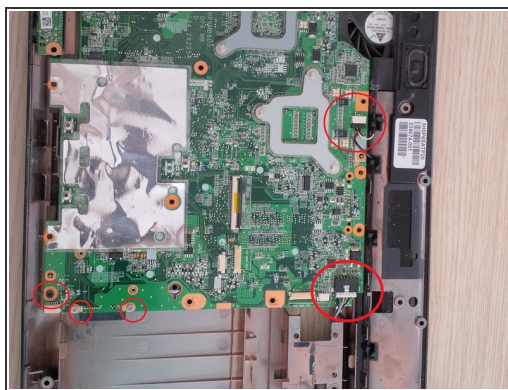
- Remove the black plastic.
- Remove the audio boxes.
- Remove all the other wires and cables.
- Then gently separate the screen from the case.

Step 12



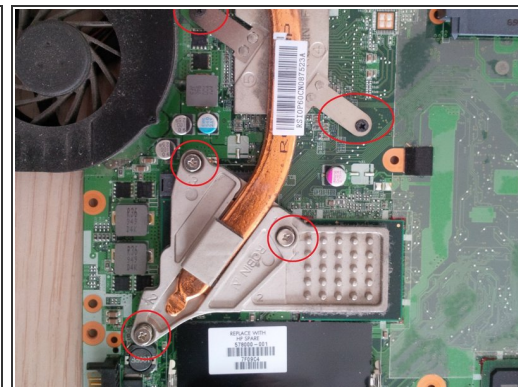
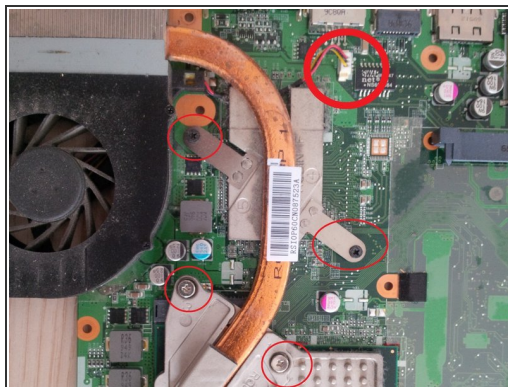
- Use an iOpener to separate the grey case from the bottom case.
- Careful: the battery compartment is together with the grey panel.
- Tip: "slide" the iOpener while opening until you hear clicks. It is easy if you slide.

Step 13



- Remove the motherboard by removing the screws first. Be careful with the cables and the wires.
- Be careful with the connector of the DC power jack. You can replace the USB drivers on that side as well.

Step 14



- Remove the cooler.

Step 15



- To remove the Processor, unlock the processor socket with a flat screwdriver.
- Then gently remove the Processor.

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