



hp laptop dv9000 serie dv9363ea Teardown

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INTRODUCTION

full teardown of the laptop you also will see how you have to replace stuff.

TOOLS:

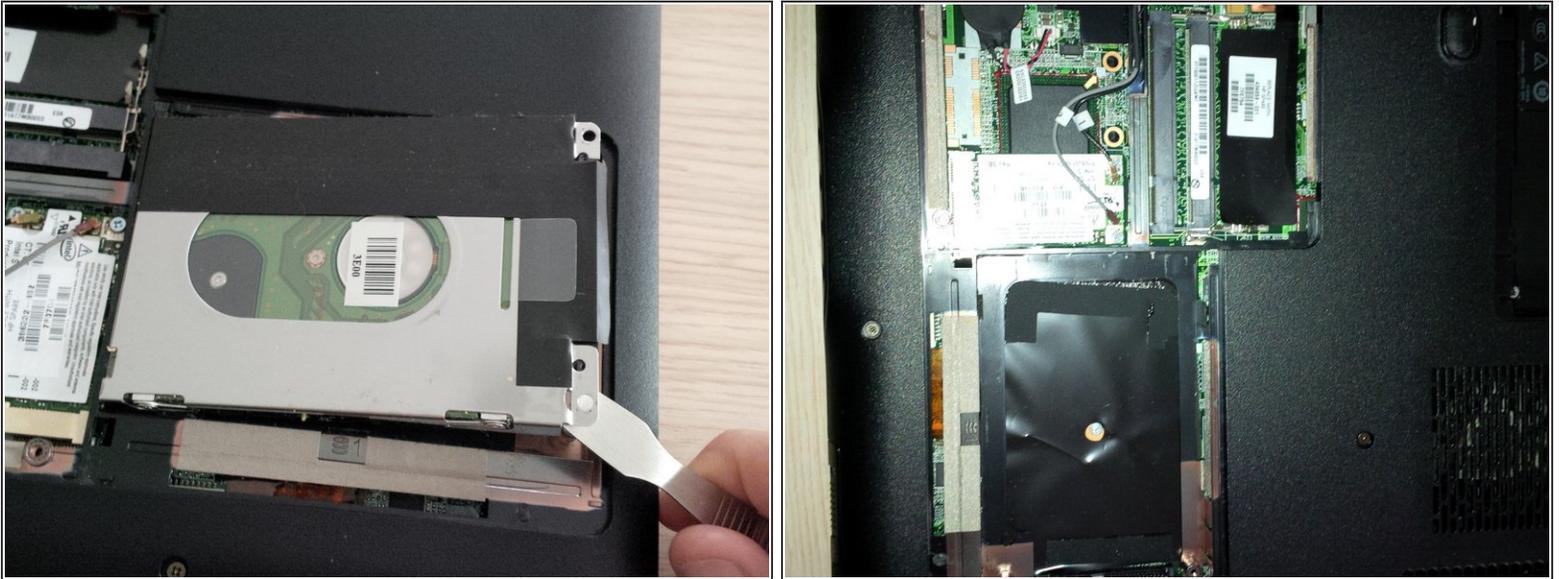
- [Phillips #00 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
 - [iSesamo Opening Tool](#) (1)
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Step 1 — hp laptop dv9000 serie dv9363ea Teardown



- first of all, if you start to work on your laptop make a plane of the screws. Use an magnetic project board. or just paper and tape and draw the plan.
- remove the battery, and the 3 panels.

Step 2



- remove the RAM and the HDD.
- to remove the hdd just lift it up. (its an sata hdd but they use an IDE adapter.

Step 3



- remove the wifi pci-e card and the antennas.
- it will come out of the screw sockets when you remove the screws.

Step 4



- now we will remove the dvd rw drive.
- first remove the screw at the back of the laptop (bottom) see first picture
- than use a spudger to slide the dvd drive away of the laptop.

Step 5



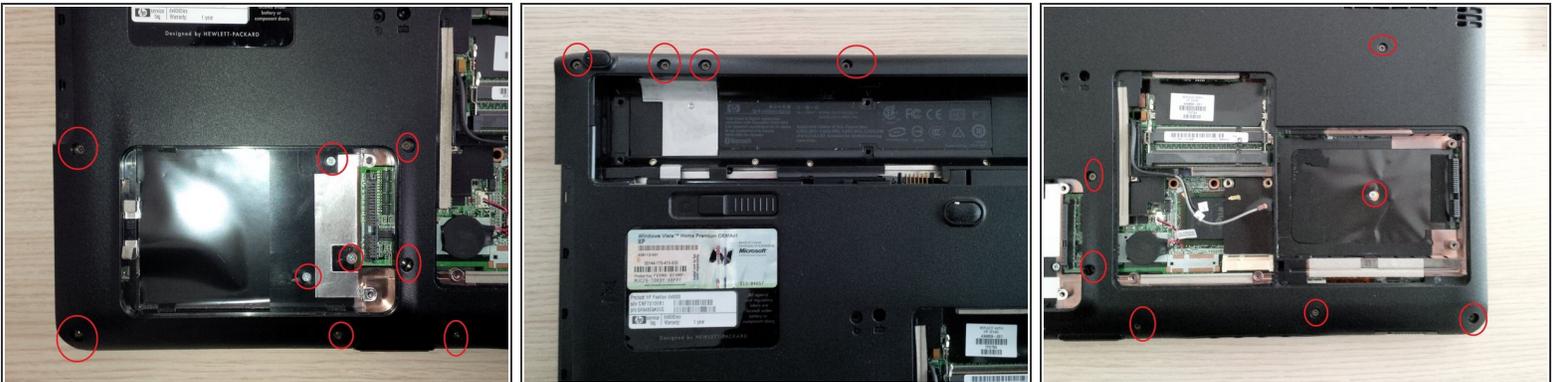
- in this step we will remove the keyboard.
- ⓘ there are 10 screws to remove in total. 1 screw on the bottom plate , 6 screws in the battery compartment and 3 under the grey plastic board above the keyboard.
- first remove the black screw on the bottom , it's next to the screw of the dvd drive.
- than remove the 6 grey little screws of the battery compartment.
- then remove the grey plastic board above the keyboard. see picture 3, to be continued in the next step

Step 6



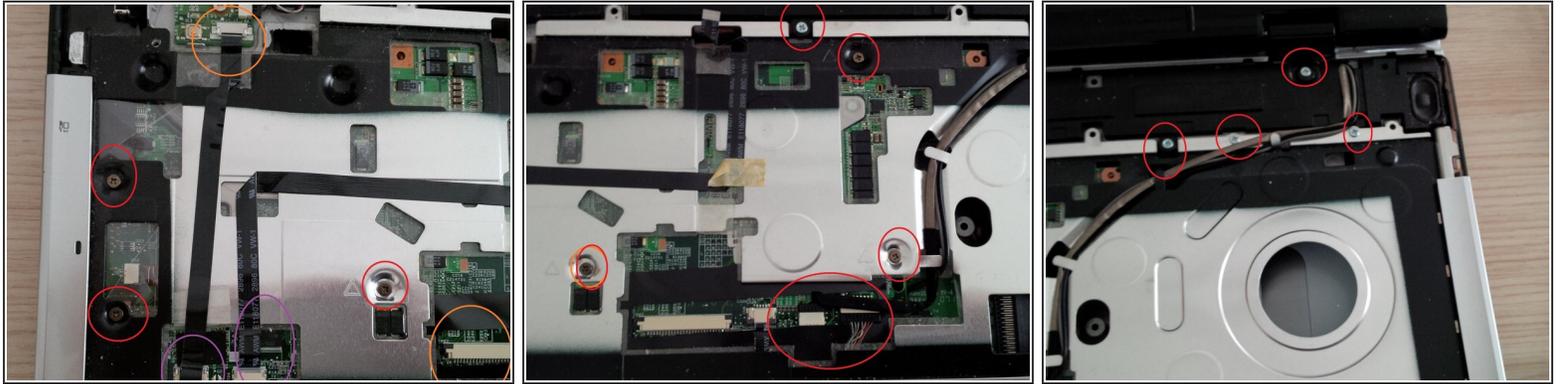
- if you remove the grey plastic board be carefull for the wire and socket
- than remove the other screws from the keyboard. see picture 2
- now you can remove the keyboard.

Step 7



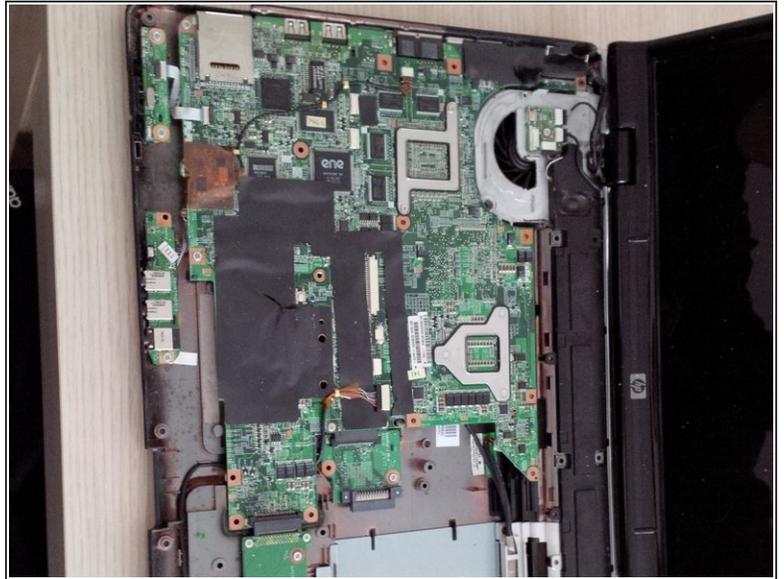
- remove the rest of the screws of the bottom plate.
- like i said before, make a plan of the screws and parts. it's easier to put it back together

Step 8



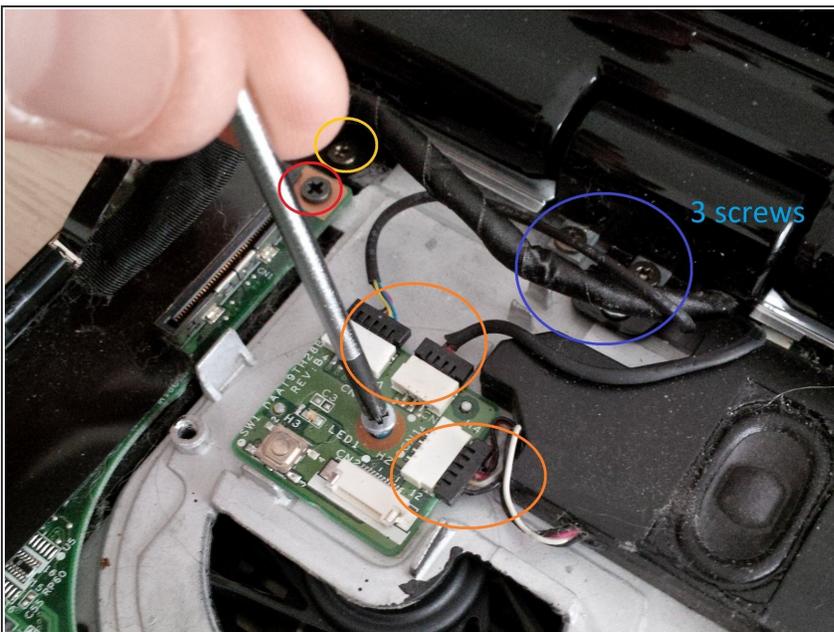
- now remove all the other screws on the upper case. (under the keyboard)
- also remove the cables/wires.
- the power board is in the left upper corner. be carefull with the sockets.
- some wires are taped or glued so be carefull.

Step 9



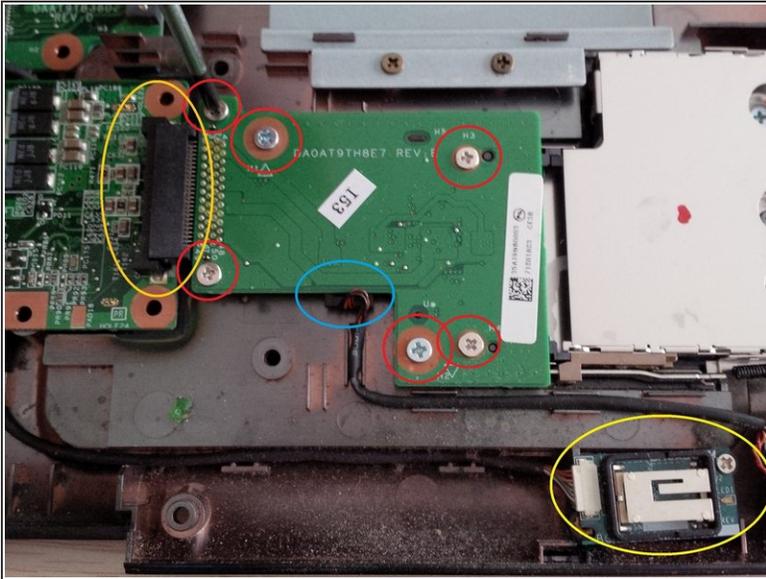
- if every screw and wire is loose then you are ready to remove the grey plastic board (around the keyboard)
- slide the spudger around the case. it's very easy to remove. just hear the clicks.
- after removing this plastic frame , the main board is visible.

Step 10



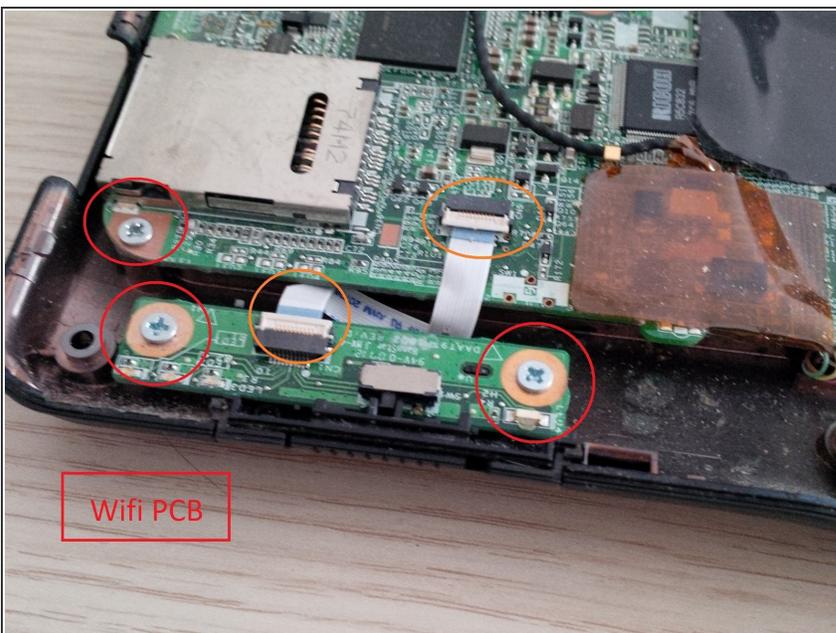
- now we will remove the power PCB
- first remove the connectors but be carefull they are very breakable. and remove the screw, than remove the PCB
- then remove the red circled screw
- the yellow and 3 blue screws are from the screen hinges.

Step 11



- remove usb boards and sd card reader.
- the yellow circled PCB below is the Bluetooth PCB. watch out for the connector.
- the blue circled connector is the connector of the sd card reader PCB; be carefull if you remove.

Step 12



- remove the wifi PCB. be carefull for the connectors.

Step 13



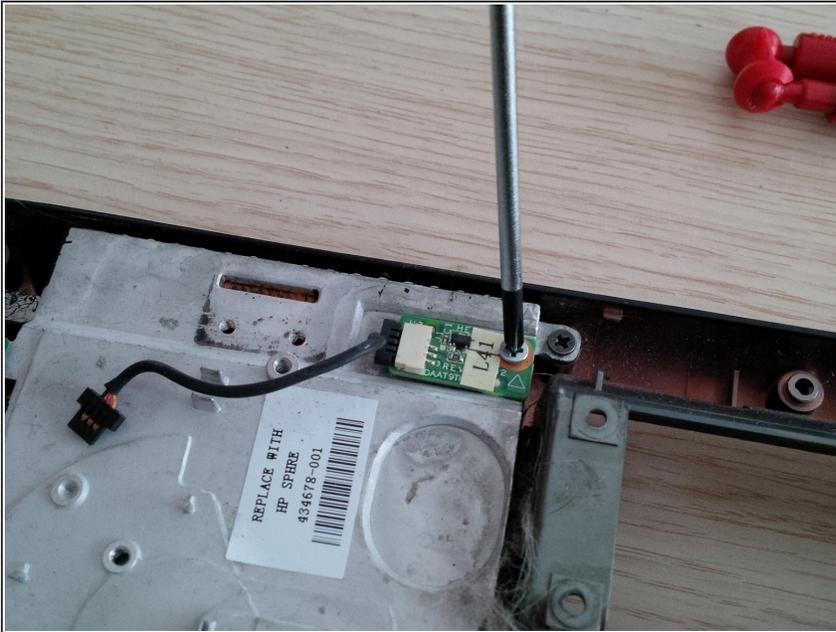
- remove the PCB for the sound at the side of the frame.
- remove the loudspeakers and the attached black frame.

Step 14



- before we go further with the PCB's , we will remove the screen.
 - remove the screws of the hinges at the 2 sides.
- ⚠ be carefull with the connectors. i broke the connector of the webcam PCB.

Step 15



- remove the second power PCB.

Step 16



- remove the DC jack and usb PCB.

⚠ again be carefull with the connectors.

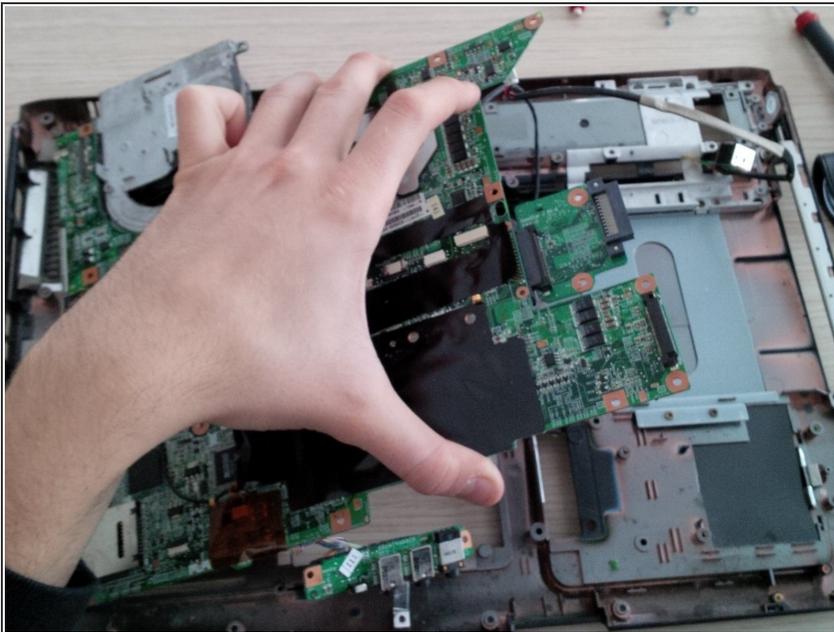
- around the dc jack is a metal frame. remove it before you remove the PCB

Step 17



- remove the DVD Drive PCB.
- 2 screws are hidden under the black tape.

Step 18



- now remove the last screws of the mainboard. I dont have a picture of the screws .. mea culpa..
- remove the main board.
- there are little black screws around the fan.

Step 19



- in this step we will begin at the main board or motherboard..
- we will remove the fan and cpu cooler.
- the cpu koeler is in 2 pieces. 1 for the cpu and another chip. than a fan for the Nvidia chip.

Step 20



- remove and clean the pcu fan. in this laptop was a lot of cat hear, that caused a blocked fan.
- also put new cpu cooling paste on the chips. (and processor)

Step 21

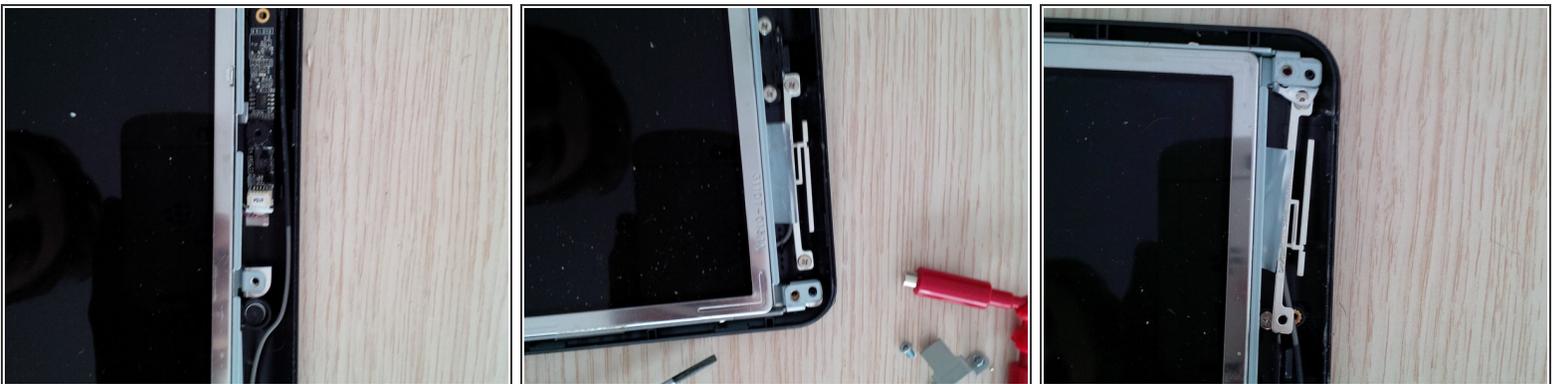


- now the lcd screen...

⚠ i don't have to tell you that you have to be careful...

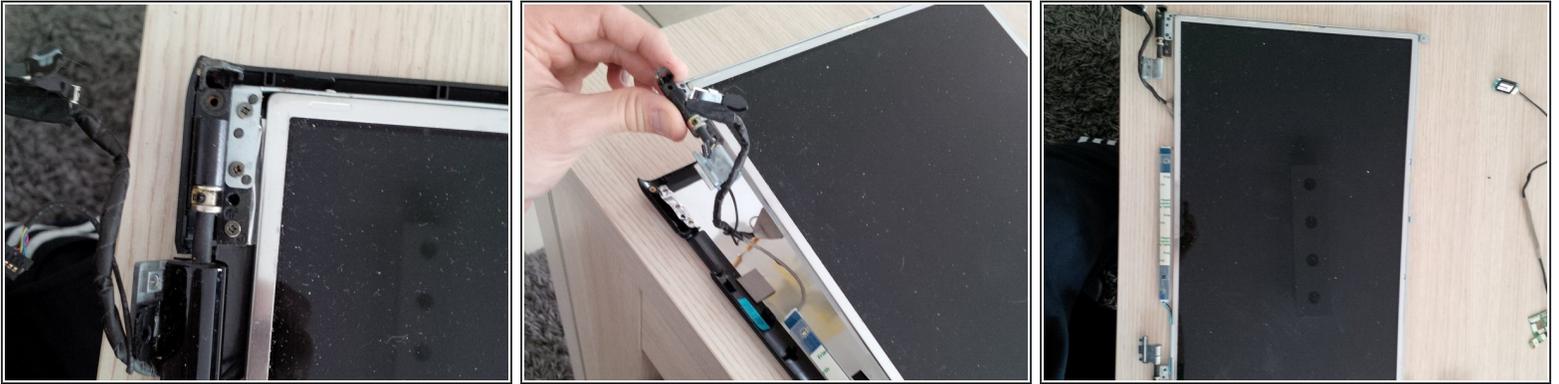
- remove the black dots (the screws are under the black dots)
- if you removed all the screws than use the spudger or isesamo to open the frame. you will hear the clicks..

Step 22



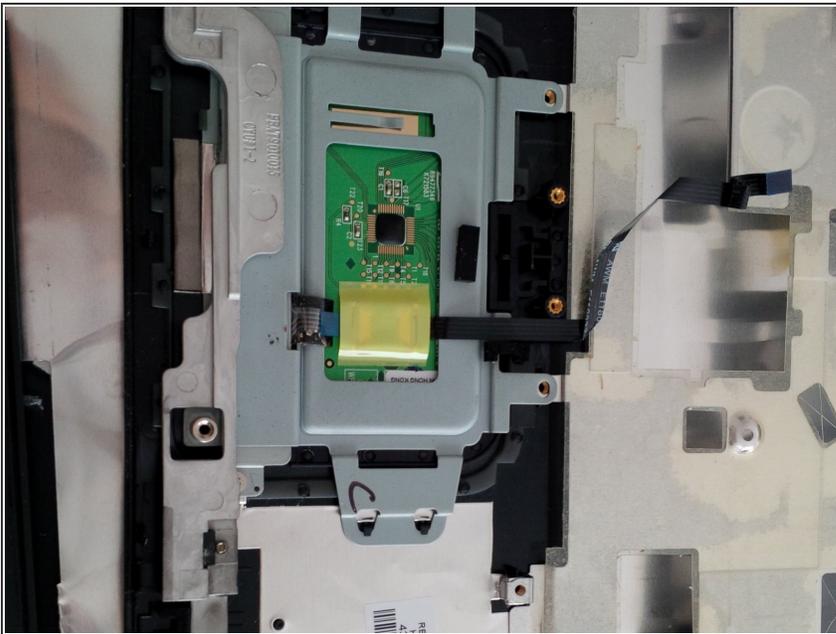
- remove the microphone module and the webcam PCB.
- remove the wifi antennas.

Step 23



- remove all the other screws and hinges , so you can remove the lcd screen from the frame.

Step 24



- remove the mouse or touchpad module.