



# asus laptop k75vm replacing the broken lcd cable Replacement

in this guide we will replace a broken lcd cable. we will also see how to open the laptop , so you can replace other parts.. if you want to replace a broken screen , start at step 17 -18

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## INTRODUCTION

in this guide we will replace a broken lcd cable.

we will also see how to open the laptop , so you can replace other parts..

if you want to replace a broken screen , start at step 17 -18

## TOOLS:

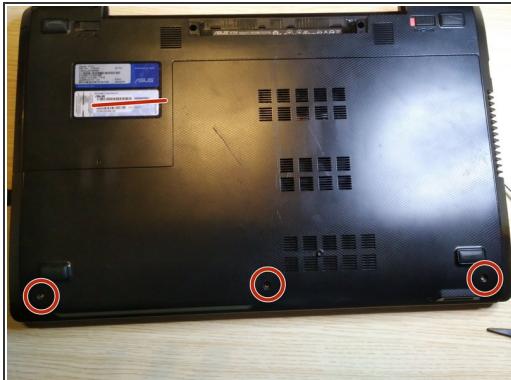
- Metal Spudger (1)
- Phillips #00 Screwdriver (1)
- IC Extractor/Connector Puller (1)
- tape ( electricians insulation tape) (1)

## Step 1 — replacing the broken lcd cable



- first remove the battery

## Step 2



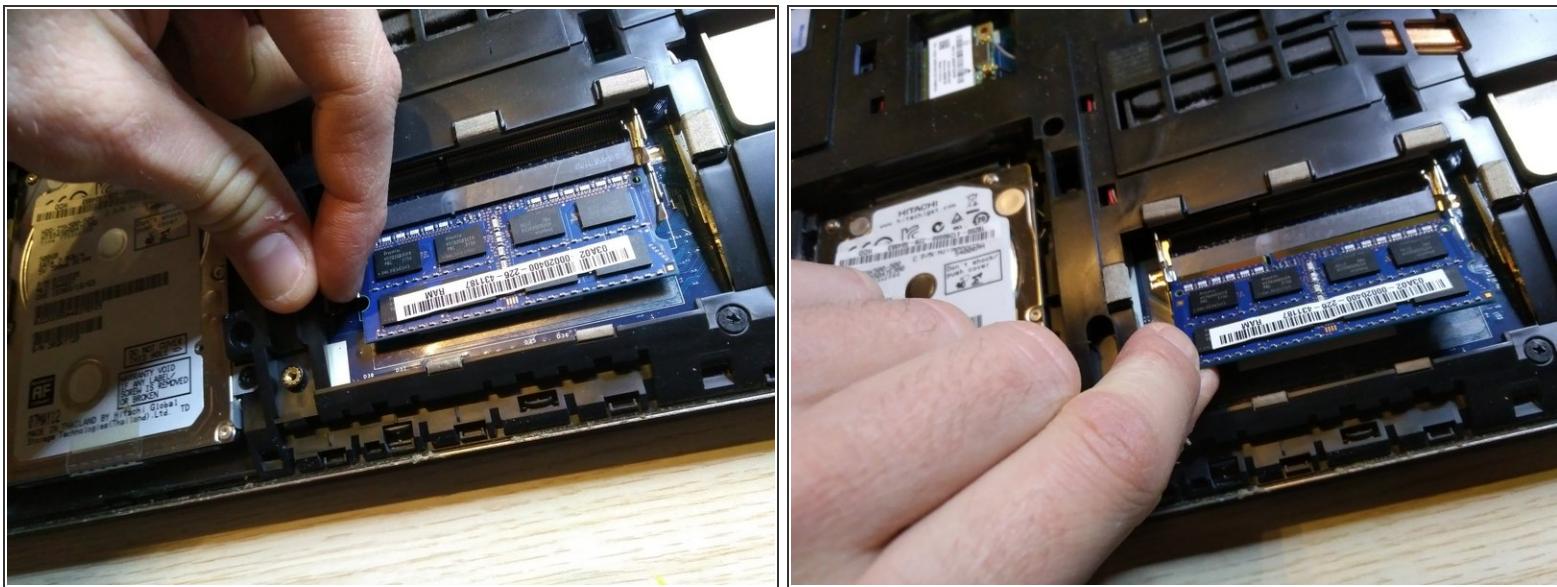
- remove the big cover , removing 3 screws

## Step 3



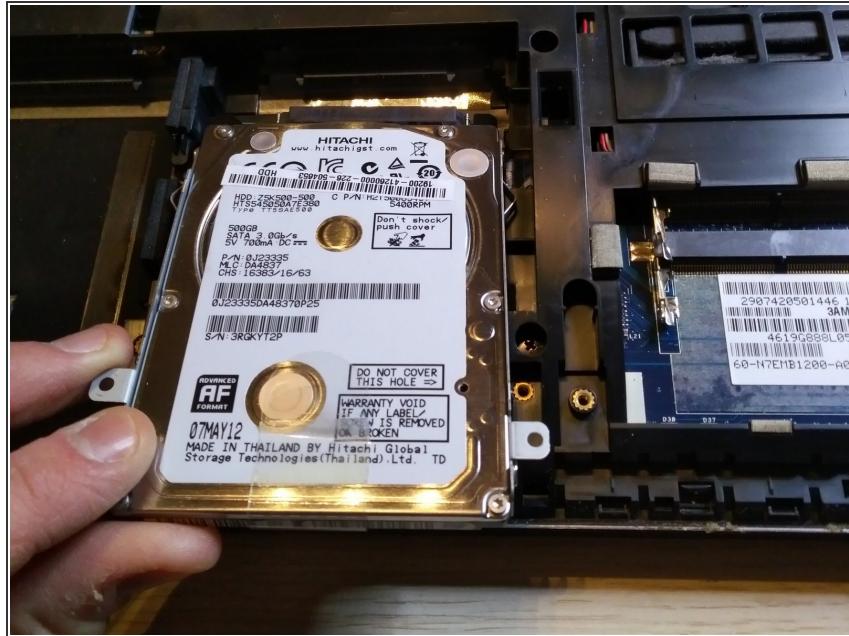
- now , remove the DVD player by removing 1 screw.
- *i* keep track of the screws, make a map and tape the screws to your map..
- Use a spudger to remove the dvd player.

## Step 4



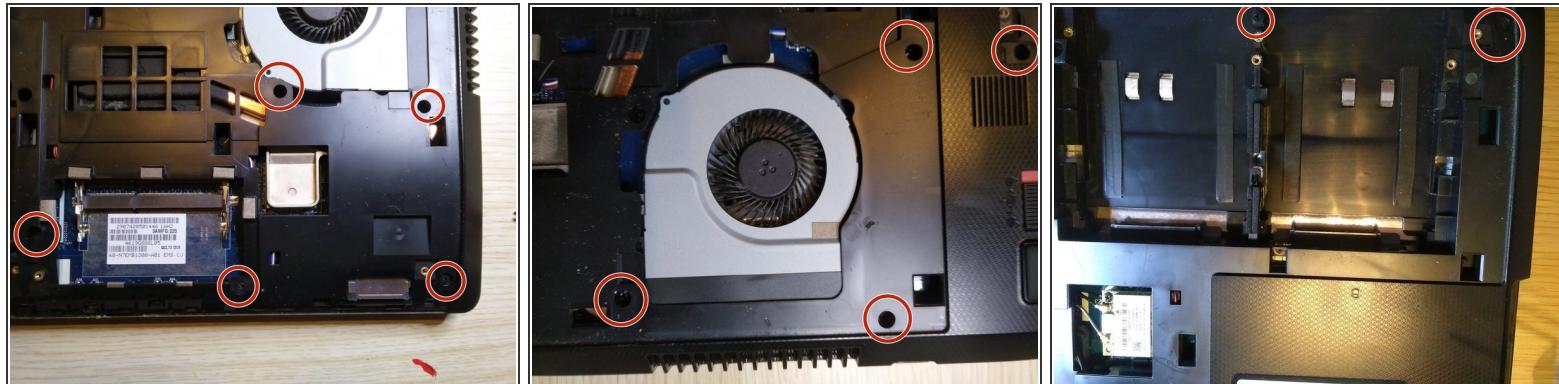
- remove the RAM

## Step 5



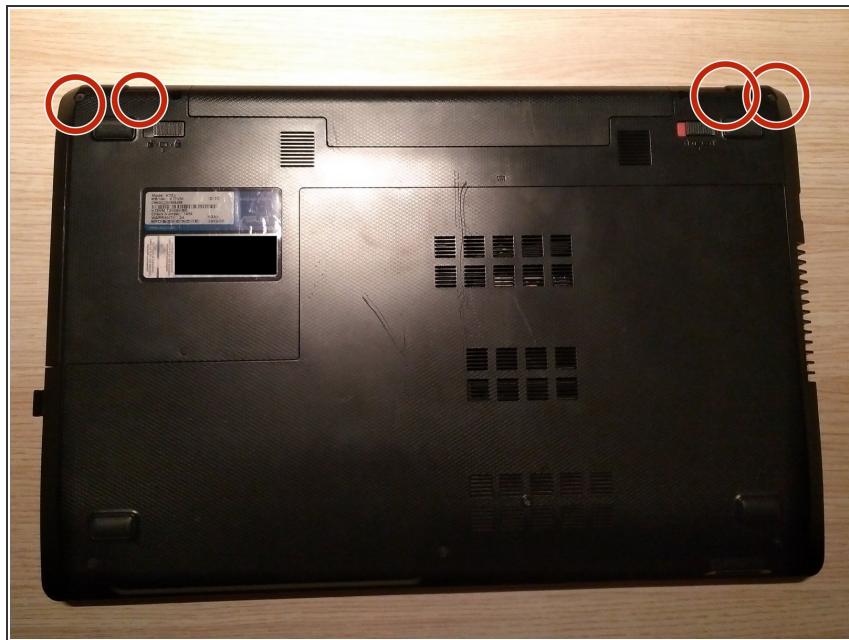
- remove the HDD bay and screws. (2 in my case..)
- after removing the 2 black screws slide the HDD out.

## Step 6



- now we will remove the screws from the case.

## Step 7



- other screws from the case..
- there are also 3 small screws hidden under the dvd bay. if you remove the dvd bay ( like in step before) you will see the 3 small screws. i don't have a picture of it.

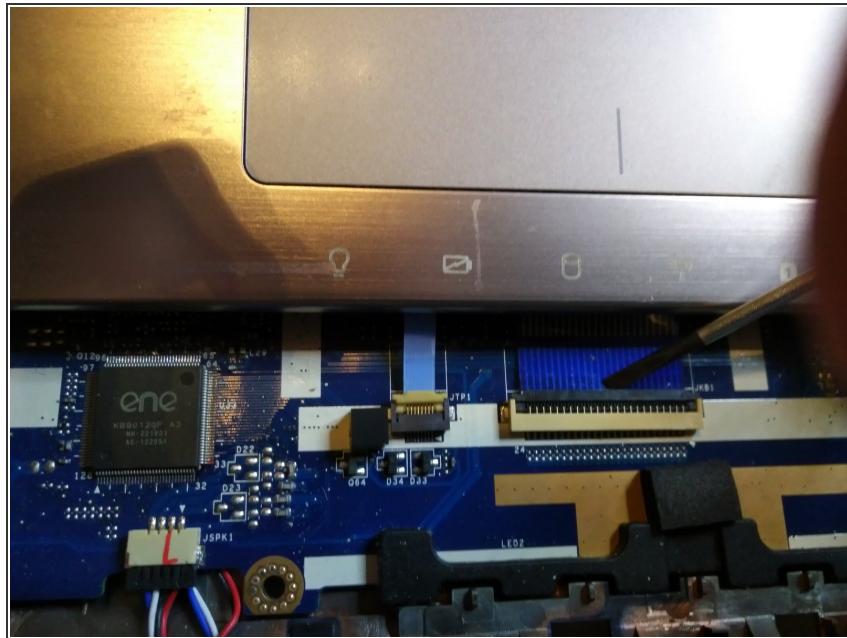
## Step 8



- now turn the laptop again and use a spudger to remove the upper case with the keyboard attached to it.

**⚠** while removing : be carefull for the keyboard and touchpad connectors and ribbon cables...

## Step 9



- remove the ribbon cables from the connector on the main board.
- use a flat head screwdriver or a small plastic spudger to lift the small plastic lever from the connector upwards.
- slide the cables away from the connector when the lever is "open", and close the small lever again.

## Step 10



- after removing the upper case (holding the keyboard) you will see the main board ...
- if you want to replace the keyboard : the keyboard is attached to the upper case , remove the screws from the metal frame and remove the old keyboard. always be careful with the ribbon cable..

## Step 11

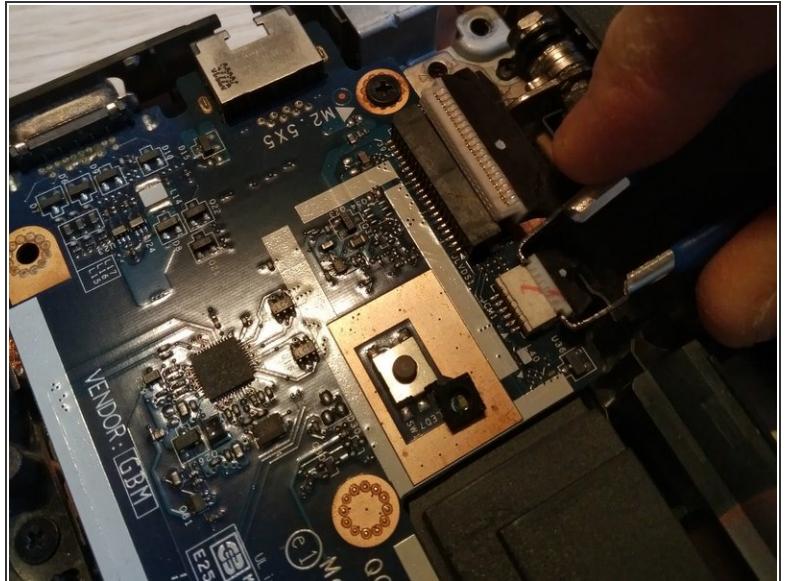
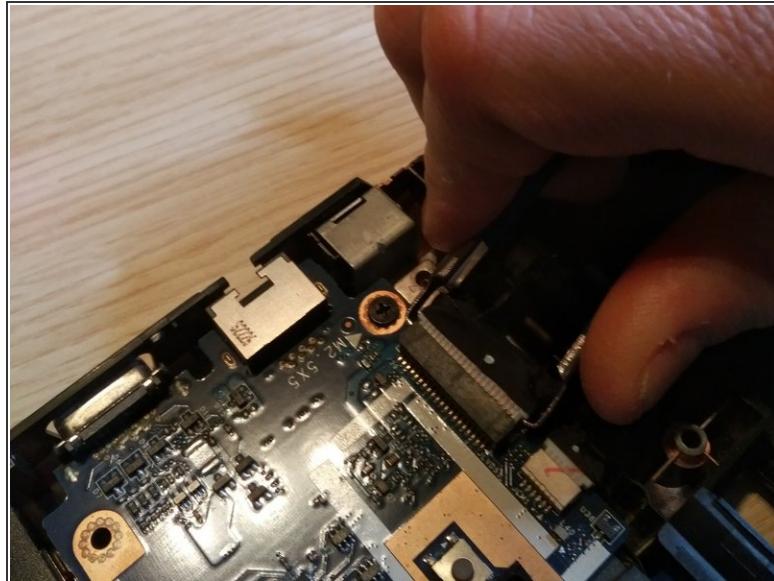


- now we will loosen the cable's from the main board.
- remove the DC jack cable connected to the connector on the main board.

**⚠** Be careful when you do this, it is a very weak plastic connector ! i recommend using a small flathead screwdriver or a plastic spudger...

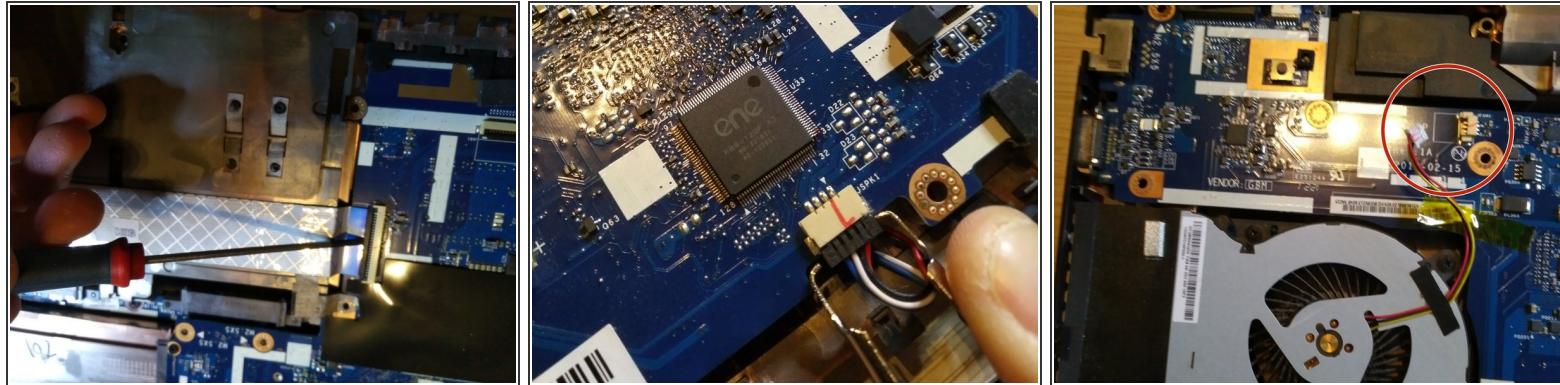
- in the picture you see me using a IC axtractor, but i don't recommend it when you are not used to repair laptops...
- when you are dealing with an broken DC jack , remove the whole cable ( black and red) running trough the plastic frame of the laptop...

## Step 12



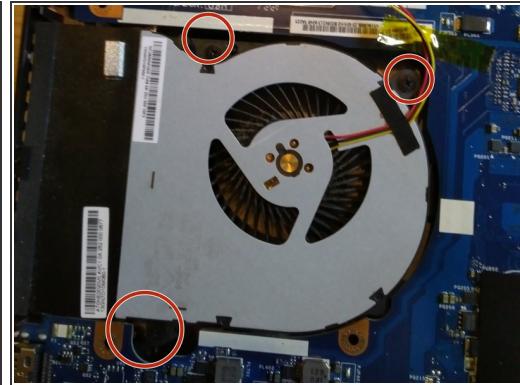
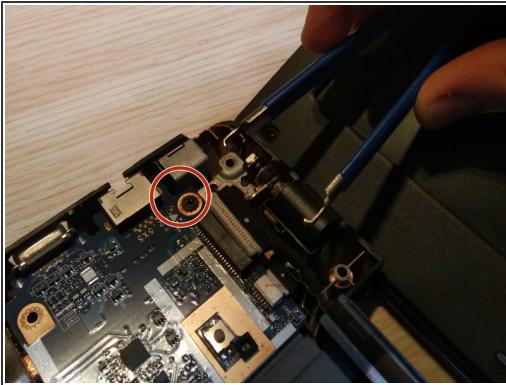
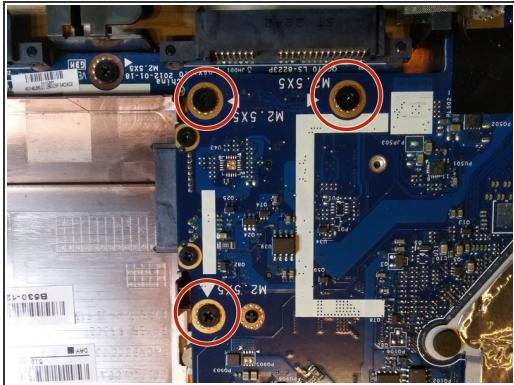
- remvinf the LCD cable from the connector , use a IC extractor , be very gently doing this.. when you break or tear it , you will have screen problems...
- remove the small connector next to the big lcd connector, it is the web cam connector.

## Step 13



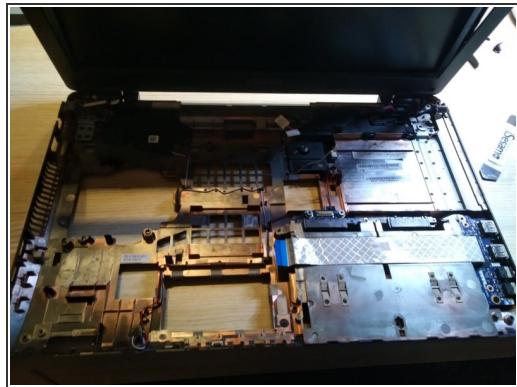
- remove the white big flat ribbon cable attached to the USB ( on the right) PCB.
- again be careful and use a flat head screwdriver or a spudger to lift up the lever..
- remove the audio cable from the connector , be careful if you tear the cables , you will have audio problems and there is a possibility that you will have BSOD ( blue screen of death) ...
- remove the FAN cable from the connector , be very carefull because it are very tiny and breakable cables...

## Step 14



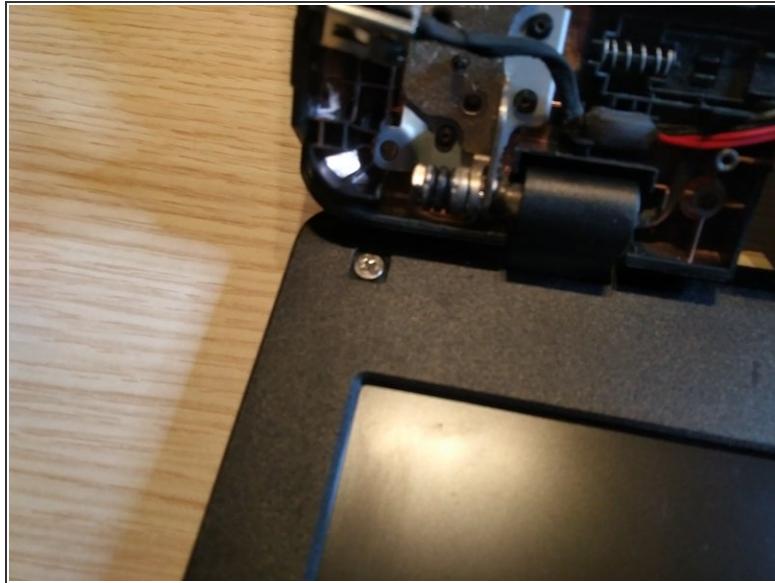
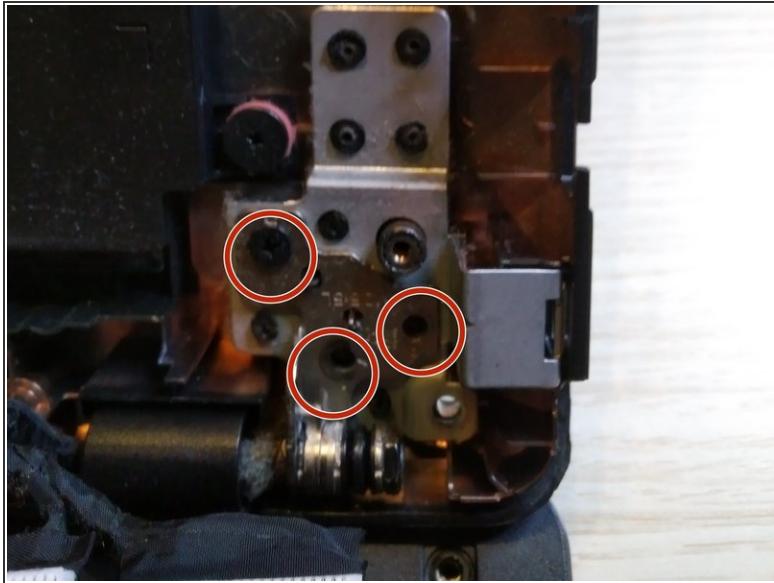
- remove the 3 screws seen in picture 1
- remove 1 screw on the left side from the LCD connector.
- after that, you can slide the main board out. ( lift it up on the right side, then slide to the right and take it out. )
- when you want to remove the fan as well ( or replace it) you have to remove 3 screws, see picture 3

## Step 15



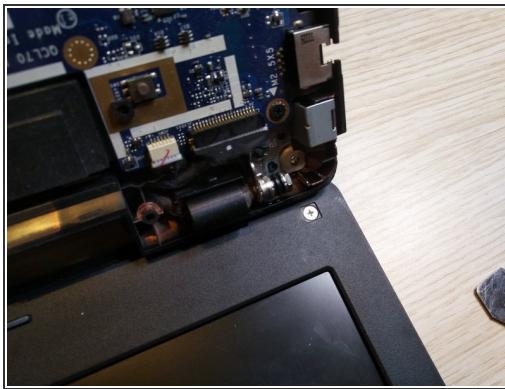
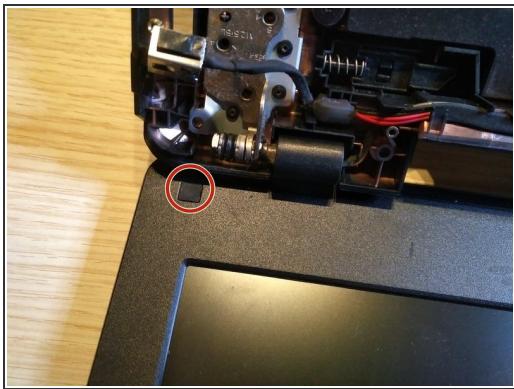
- after removing the main board you have a view of the hinges from the screen.
- in picture 2 you will see the main board. , you can clean and or replace the CPU now.
- to replace a cpu or clean the pads you will have to remove the screws seen in picture 3 .
- clean the pads with isopropyl alcohol and always renew the CPU thermal paste . ( one drop on each spot is enough)

## Step 16



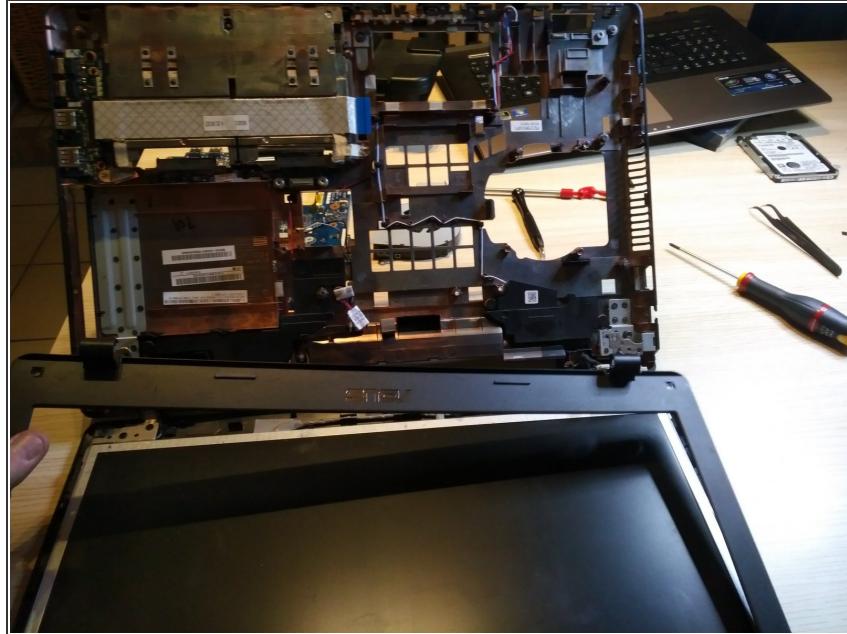
- remove the 3 screws on each hinge
- on the right hinge there is a metal hook attached on the hinge. this is attached to the bottom case .. just move the screen to release it.

## Step 17



- remove the black square rubber to reveal the hidden screws.
- there are 2 screws one on the bottom left and one on the bottom right.
- after removing the scrws you can slide a spudger or opening tool arround the plastic frame.

## Step 18



- once the plastic frame is removed , you can replace the screen , the LCD cable..
- i don't have pictures anymore when i was removing the screen .. my apologies for that. but you can follow other guides to do that , cause it is all the same...

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