



# ASUS X44H-BBR4 Screen Replacement

Replace the screen in your ASUS X44H-BBR4 laptop.

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## INTRODUCTION

Use this guide to help you replace a broken or damaged screen in your laptop. Don't forget to keep track of all your screws.

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### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
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## Step 1 — Battery



- Flip the device over.

## Step 2



- Slide the right lock button to the unlock position.
- After it is unlocked, a red line will be visible.



### Step 3



- Slide the left lock button into the unlock position and hold.

### Step 4



- While holding the left lock button in the unlock position, push the battery from the center away from you.



## Step 5 — Hard Drive



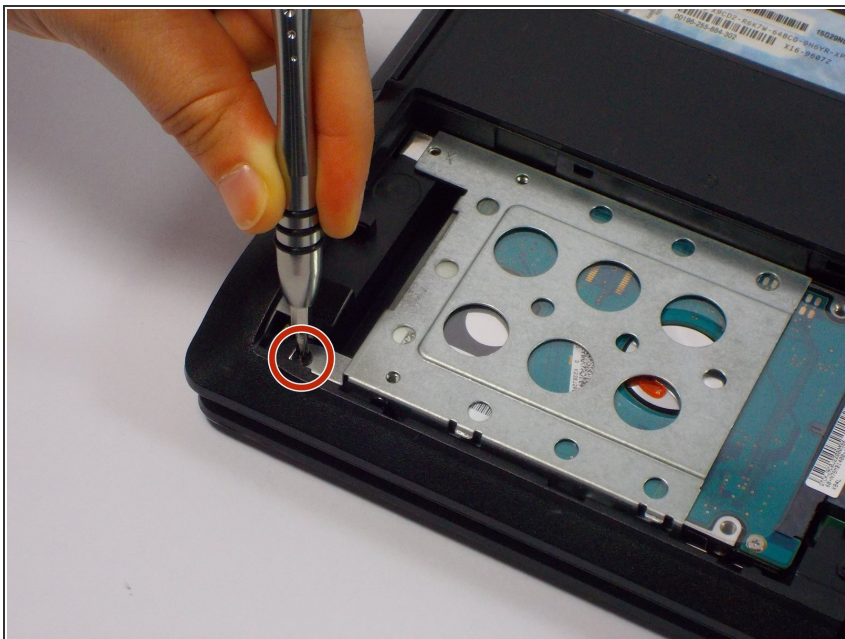
- Remove the two 9 mm Phillips head screws with the PH0 bit indicated by the red circles in the picture.

## Step 6



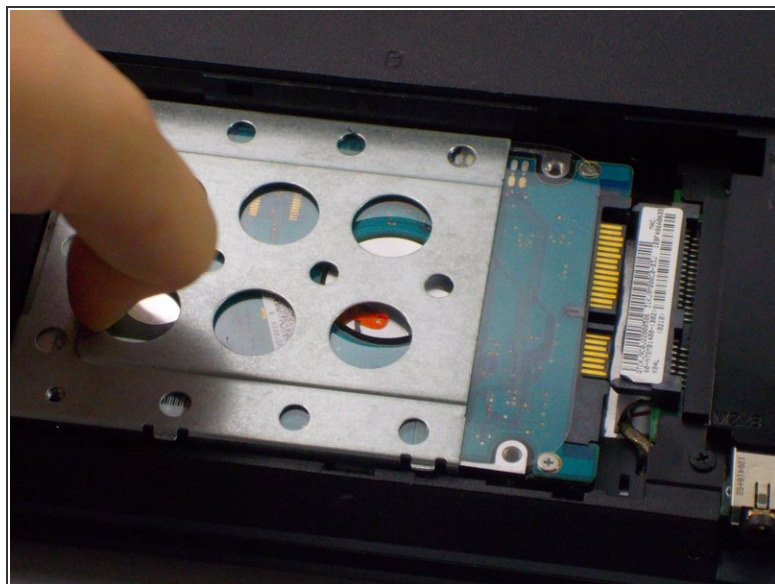
- Once the screws are removed, slide the back panel away from the computer.

## Step 7



- Remove the 9mm Phillips head screw in the left bottom corner of the hard drive with the PH0 bit.

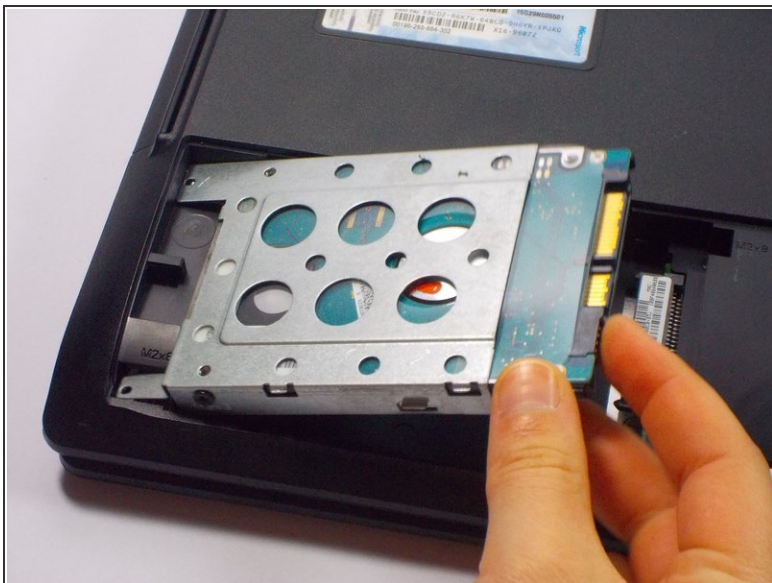
## Step 8



- Slide the hard drive to the left, unlocking it from its default position.

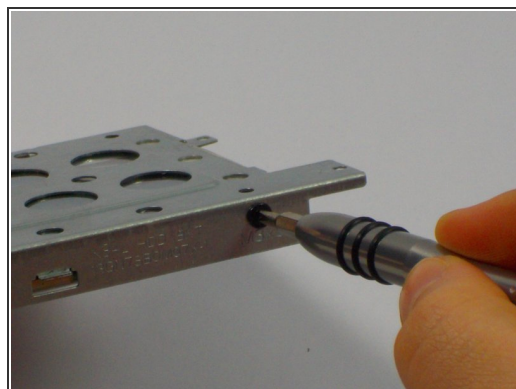
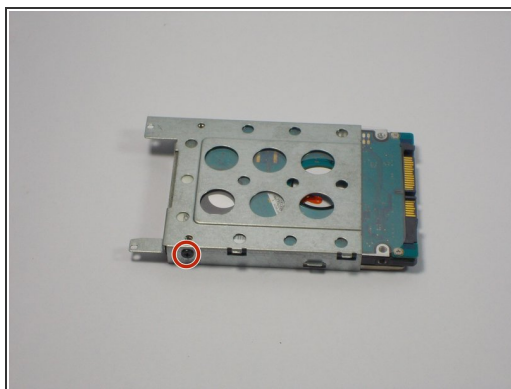
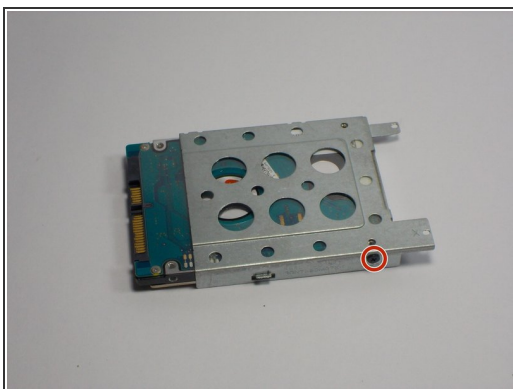


## Step 9



- Pull the hard drive upwards and take it out of its position.

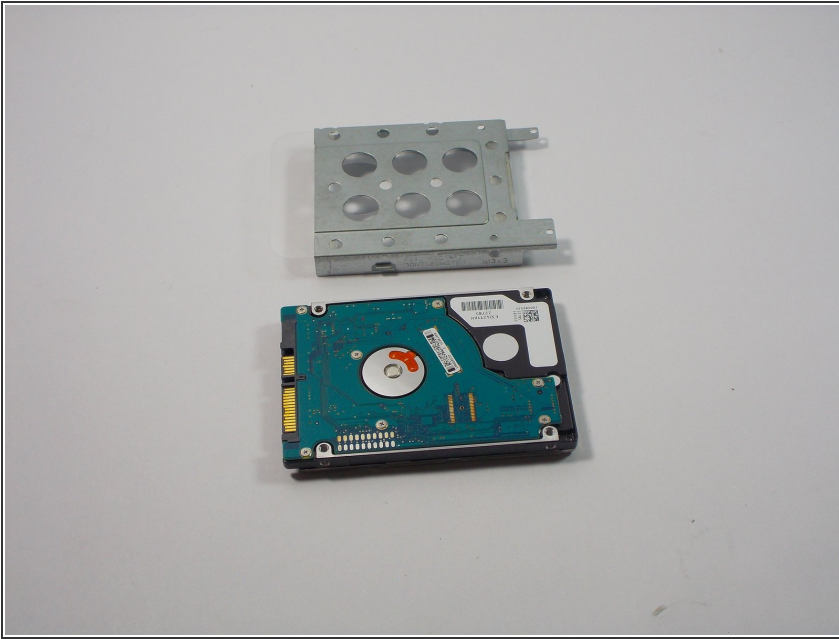
## Step 10



- Remove two 3mm Phillips head screws, one located on each side of the metal casing holding the hard drive using the PH0 bit.



## Step 11



- Pull upwards on the metal casing and it will come off.

## Step 12 — Keyboard



- Open the laptop to show the keyboard.

## Step 13



- Look at the top row of the keyboard, you will see a space that has four latches holding the keyboard down.
- ❗ The latches are located above the Esc key, the F5 key, between the F10 and F11 key and the Delete key.

## Step 14

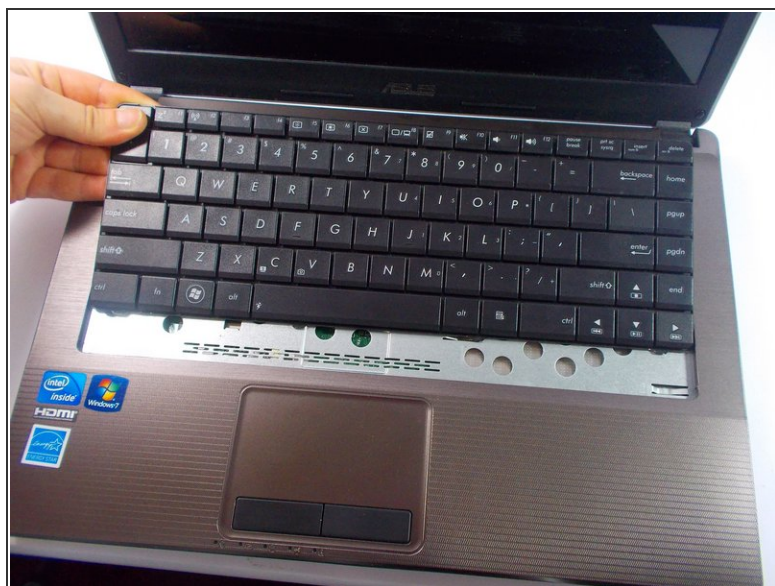
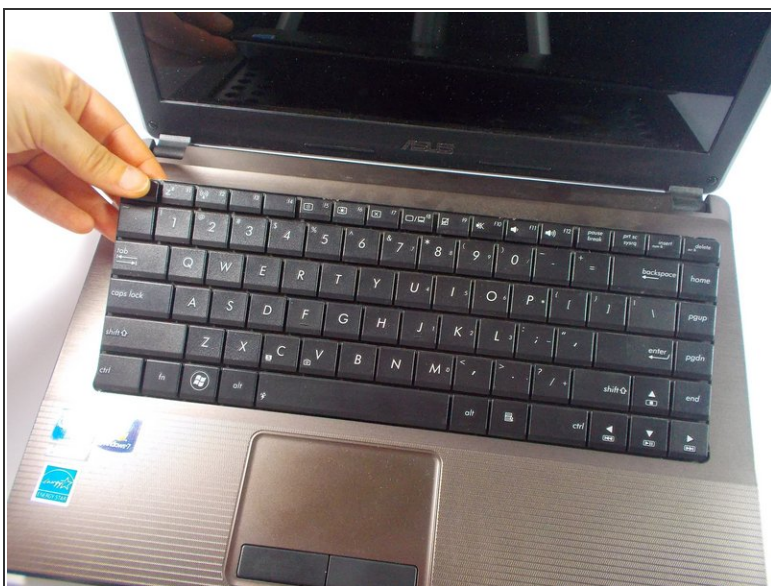


⚠ Don't pull too hard on the keys otherwise they may fall off.

- Push the latch away from the keyboard using the spudger point.
- While pushing the latches use a plastic opening tool and pull up on a key near it.
- Continue along the rest of the keyboard until it is released at all four latches.



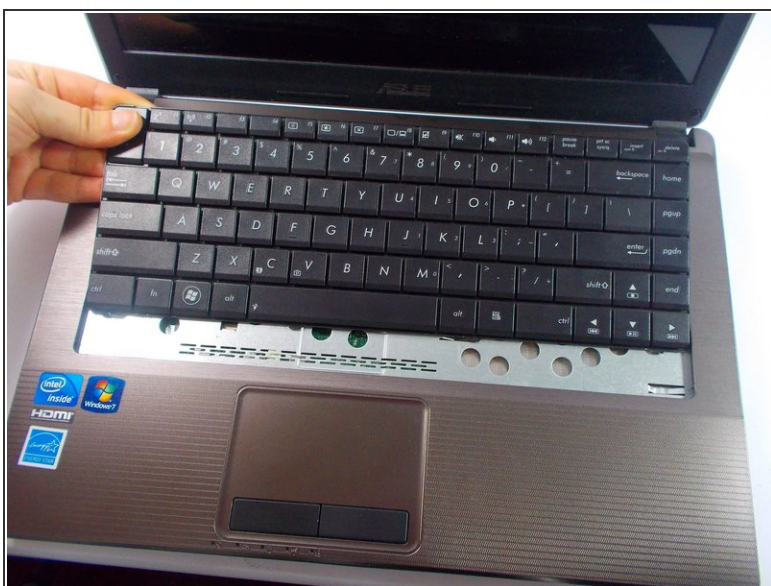
## Step 15



- Push the keyboard away from the mouse track pad to unlock the bottom from the base.

⚠ Do not pull too hard because there is a ribbon connecting to keyboard to the motherboard.

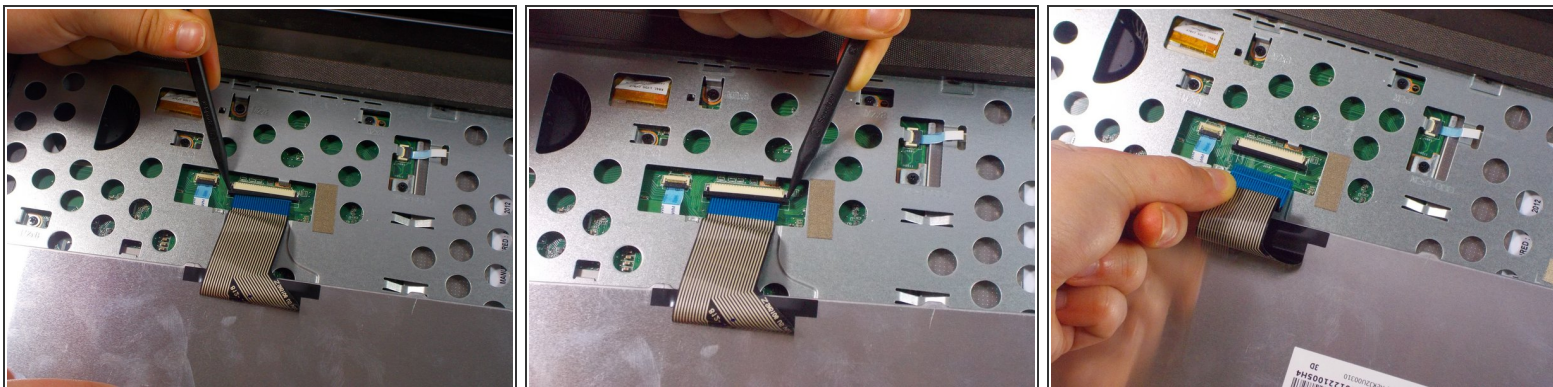
## Step 16



- Flip the keyboard over to reveal the back of it and what is underneath.



## Step 17



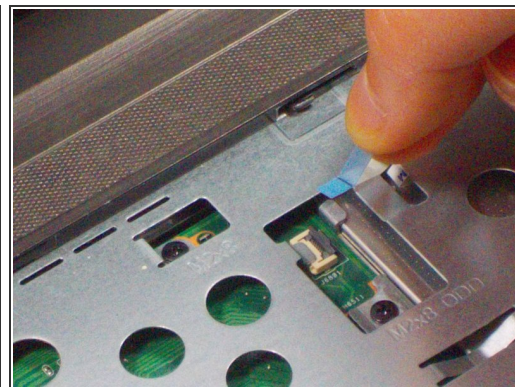
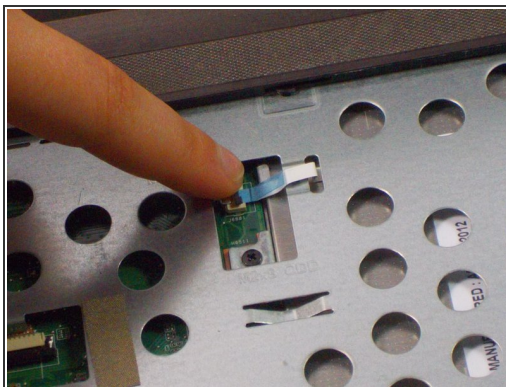
- Pull each end of the black ribbon cable piece towards the mouse track pad to unlock the ribbon connector piece.
- Gently pull out the ribbon cable from the connector piece.

## Step 18



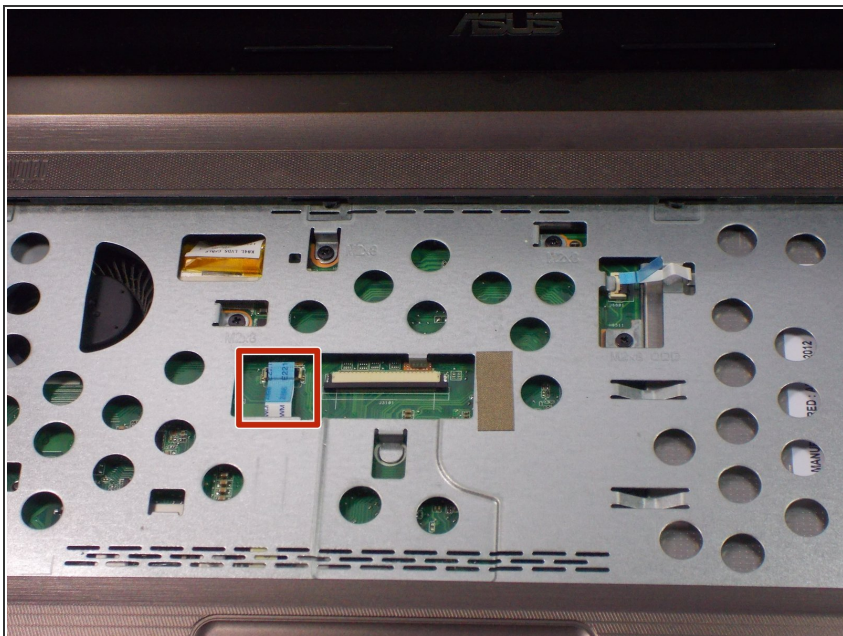
- Remove the keyboard completely.

## Step 19 — Front Panel



- Lift up the black lock holding the ribbon.
  - Using the blue tab, pull out the ribbon.
- ⚠ Pull gently on the ribbon to remove the risk of damaging the ribbon.

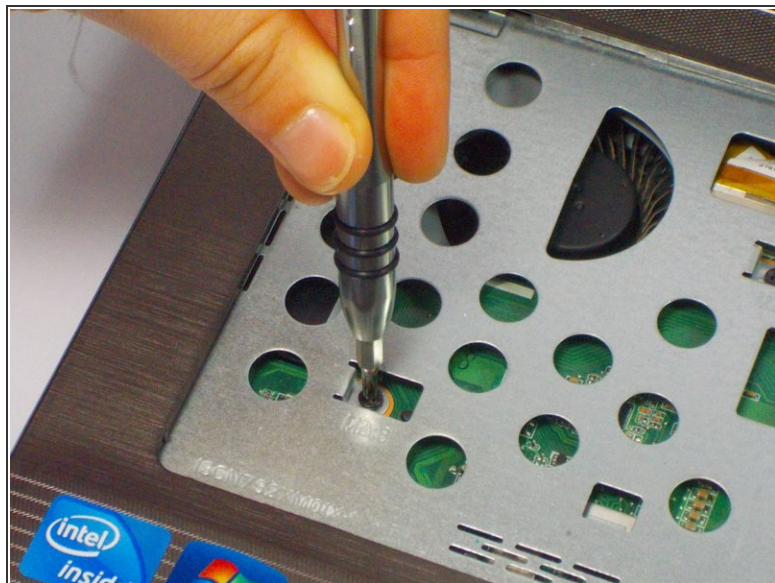
## Step 20



- Lift up the black lock holding the ribbon.
  - Using the blue tab, pull out the ribbon.
- ⚠ Pull gently on the ribbon to remove the risk of damaging the ribbon.



## Step 21



- Remove the five 9 mm Phillips head screws with the PH0 bit.

## Step 22



- Flip the laptop on its side so that the red line indicated in the pictures is facing upwards.

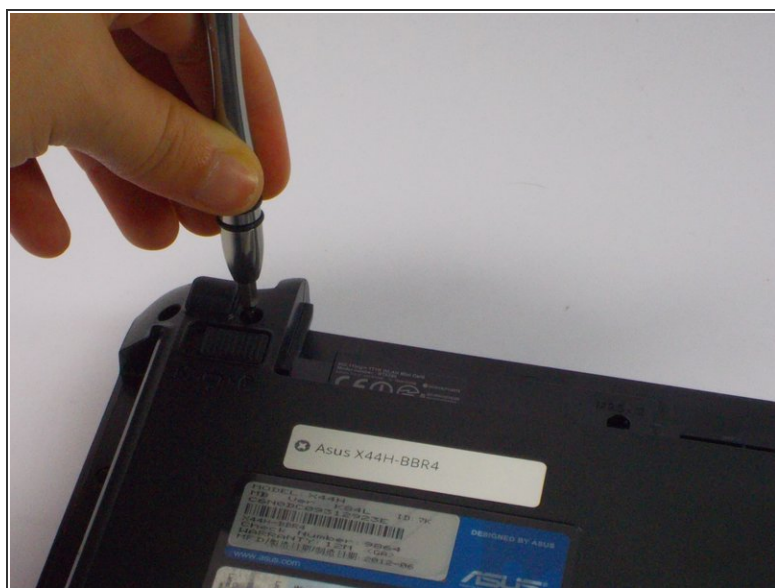


## Step 23



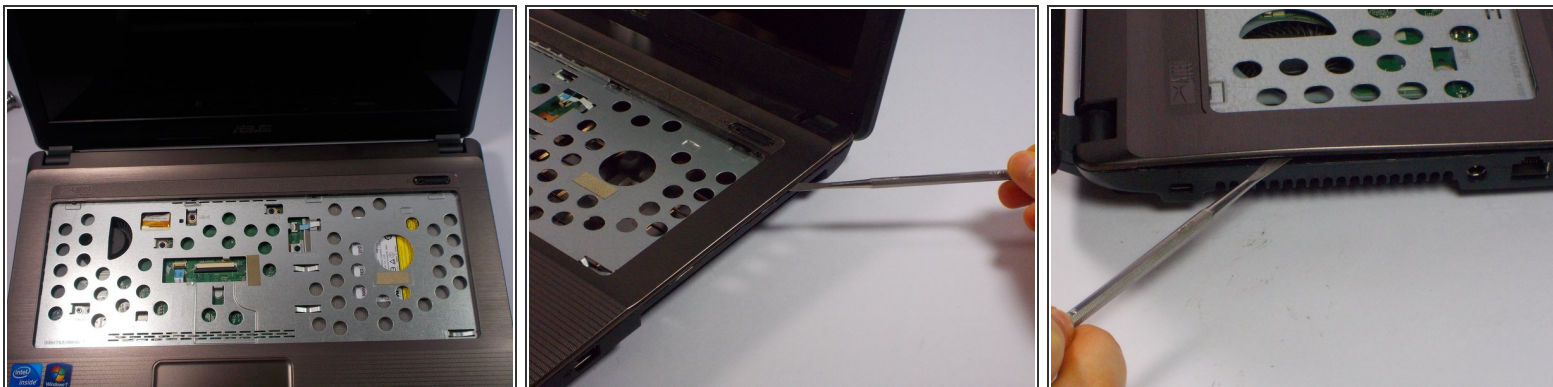
- Pull up on the disk drive and remove.

## Step 24



- Close the laptop and flip it over.
- Remove the six 12.5 mm screws Phillips head and the five 9 mm screws remaining with the PH0 bit.

## Step 25



- Flip the device back over and open the laptop.
- Using the nylon or metal spudger, gently pry off the panel by moving the spudger along the seam.
- ⓘ You should hear clicking sounds as the front panel is being removed from the base.

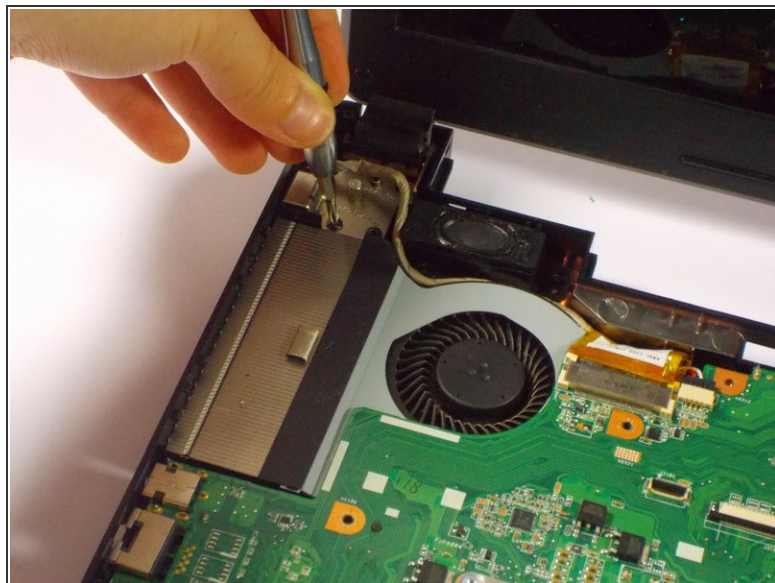
## Step 26



- Remove the panel.
- ⚠ The laptop will now become heavier to the front so it will tend to fall on the back side of the screen.

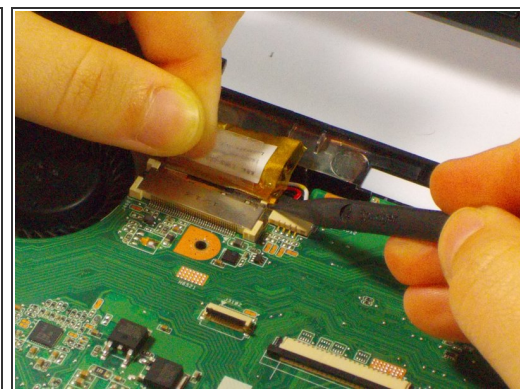
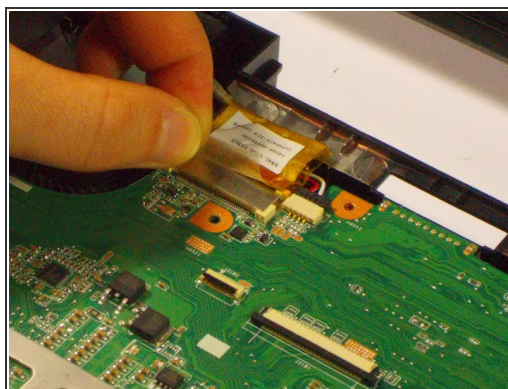


## Step 27 — MotherBoard



- Remove the 5mm Phillips head screw using the PH0 bit.

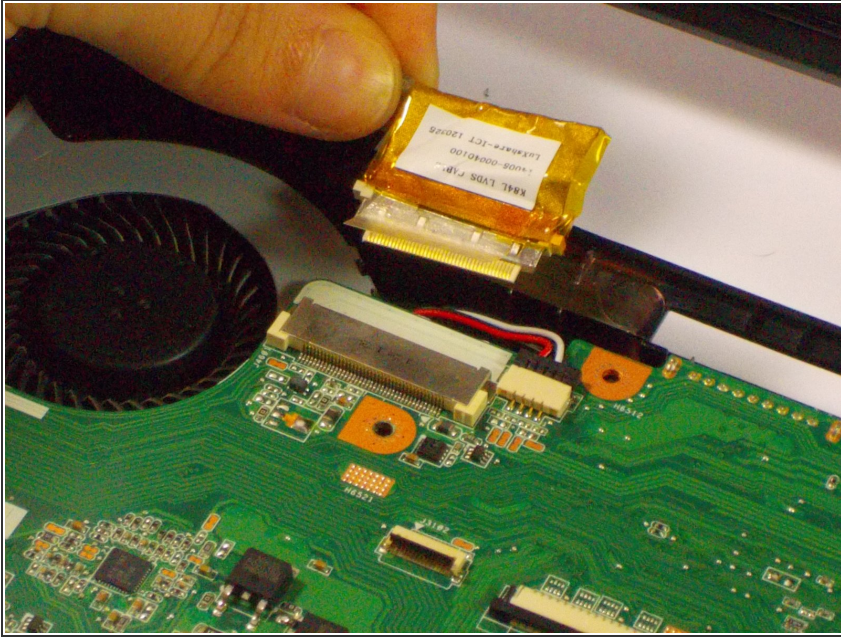
## Step 28



- Pull up on the tape holding the tan cable in place.
- While holding the tape push up on each side of the cable connector to disconnect it.

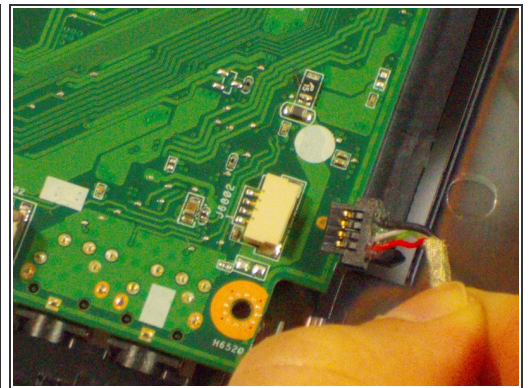
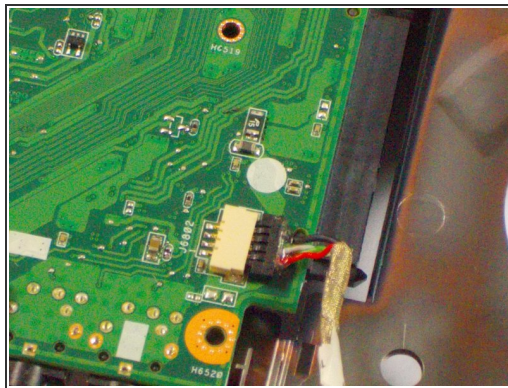


## Step 29



- Gently pull out the cable connector.

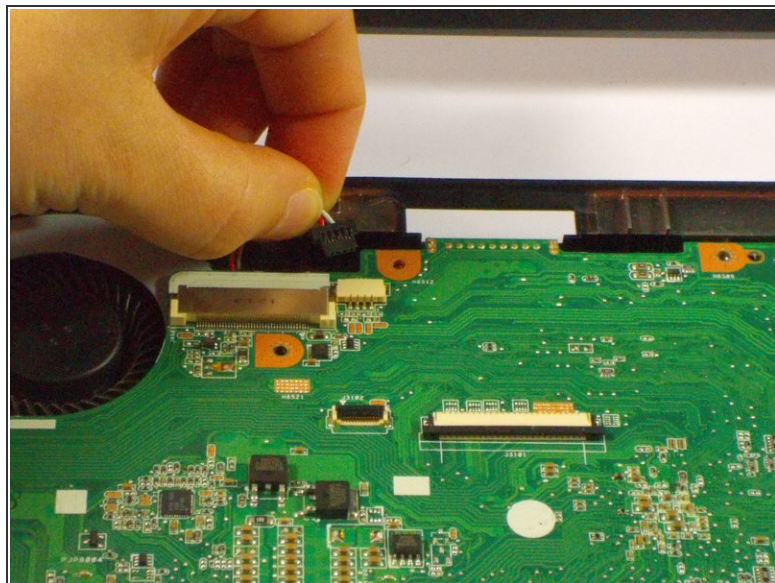
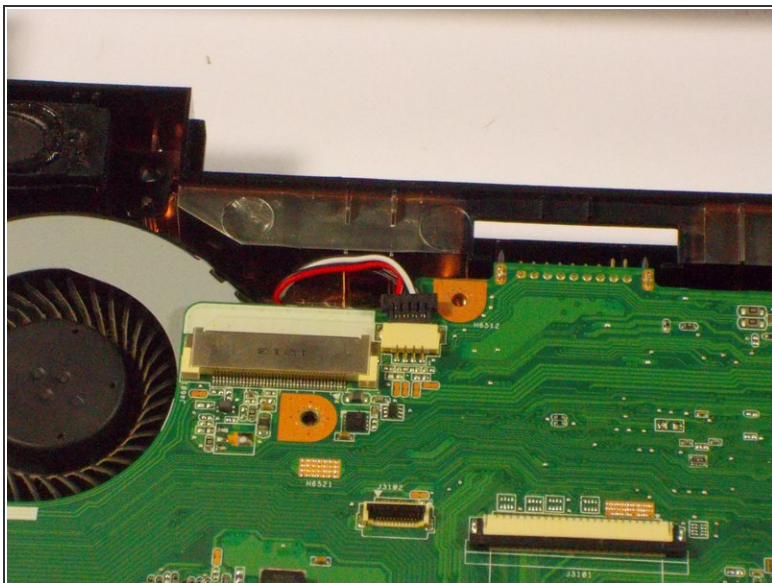
## Step 30



- Gently pull out the USB connector attached to the motherboard.

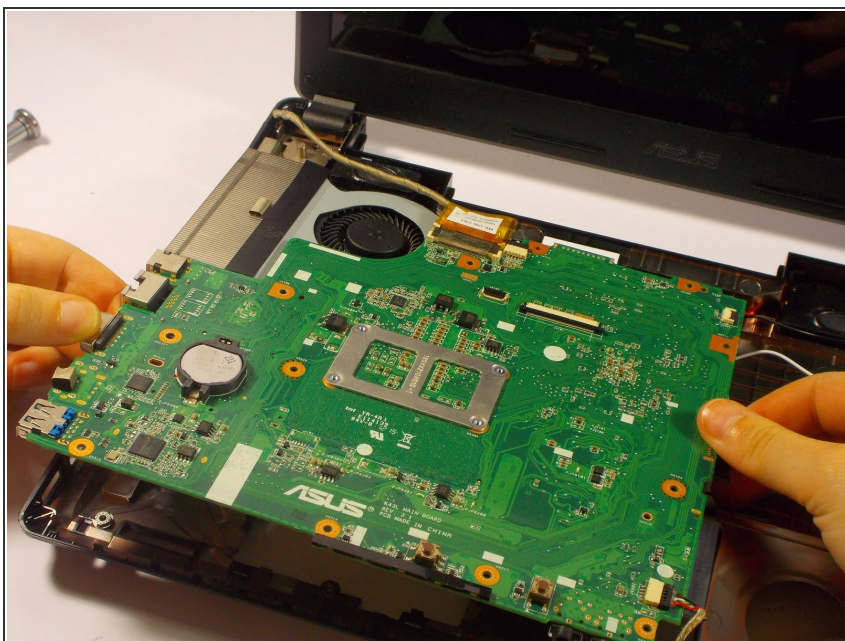


## Step 31



- Remove the red and white wire connector next to the fan.

## Step 32

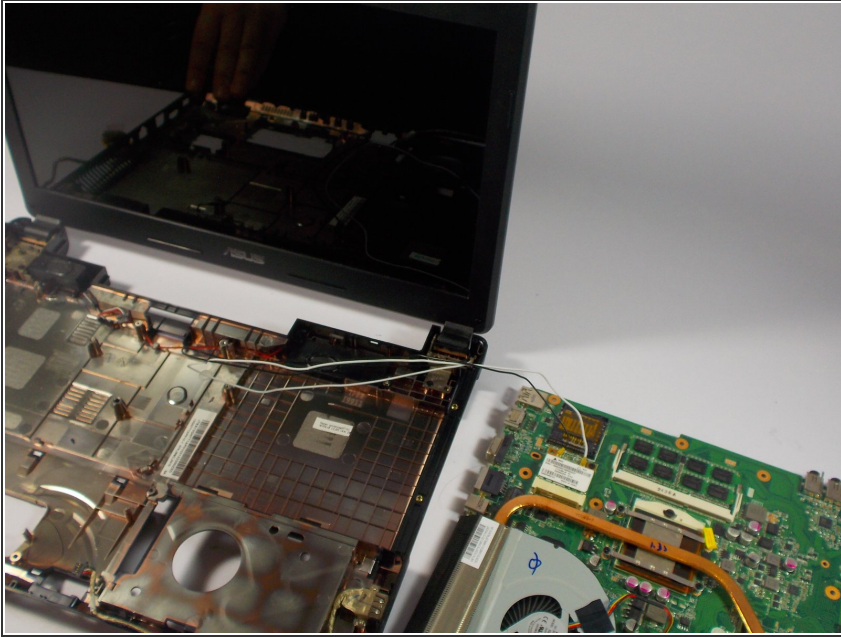


- Take out the motherboard

⚠ There are still two wires connected to the bottom of the motherboard so remove carefully.

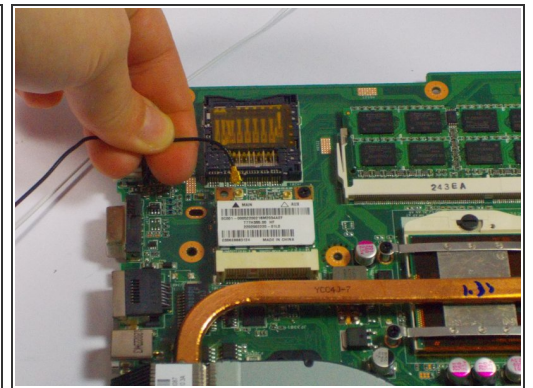
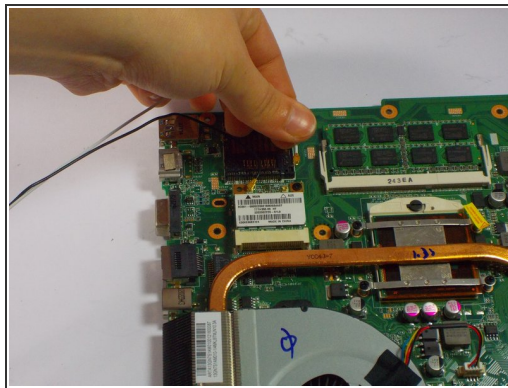
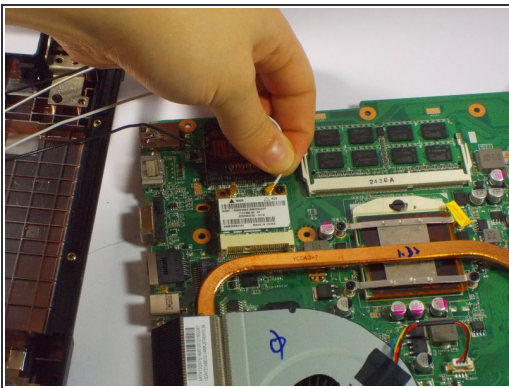


## Step 33



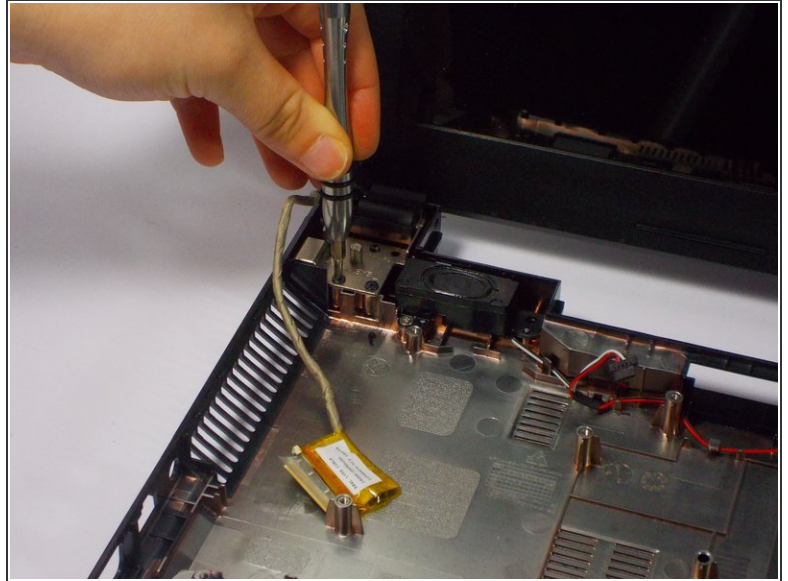
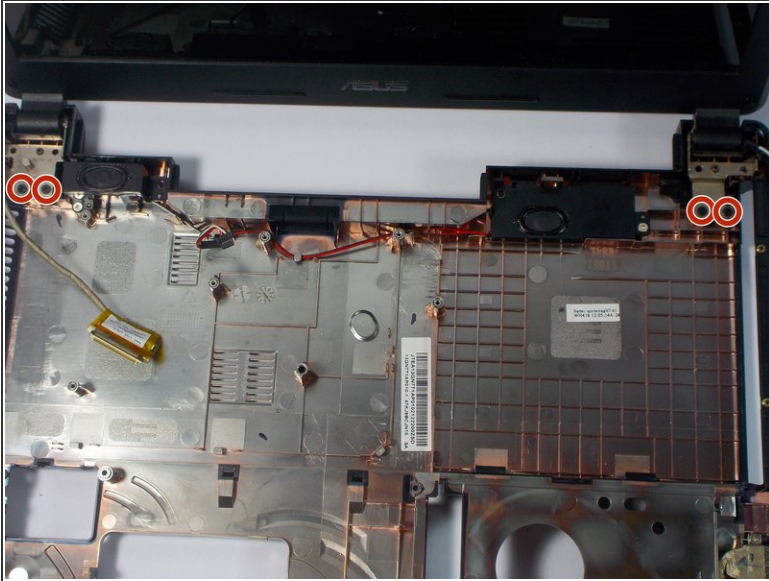
- Flip the motherboard over next to the laptop base.

## Step 34



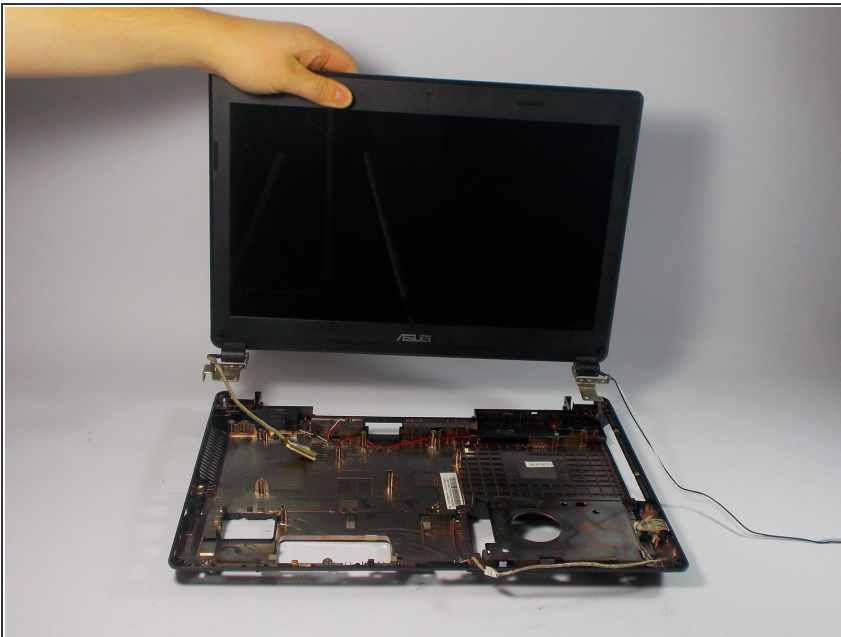
- Remove the white and black wire.
- The motherboard is not completely separated from the base of the computer.

## Step 35 — Screen



- Remove the four 9 mm Phillips head screws that hold the screen to the base with the PH0 bit.

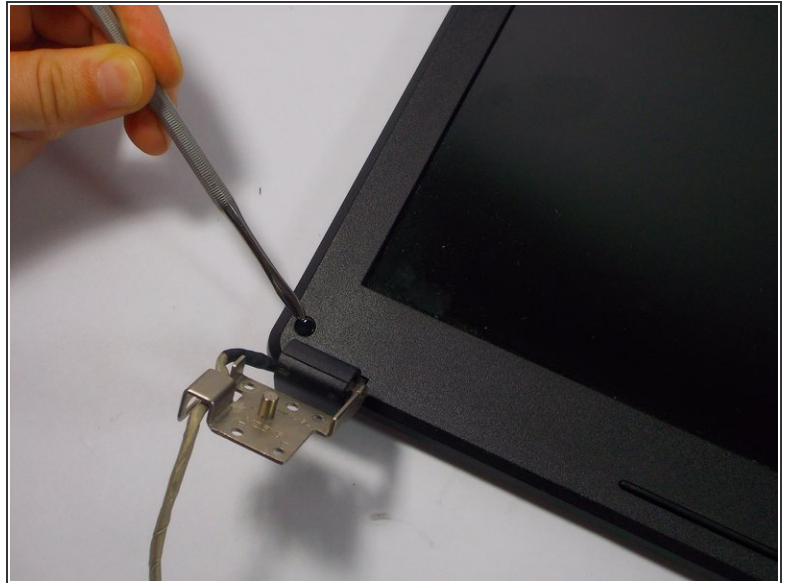
## Step 36



- Lift up the screen from the base.

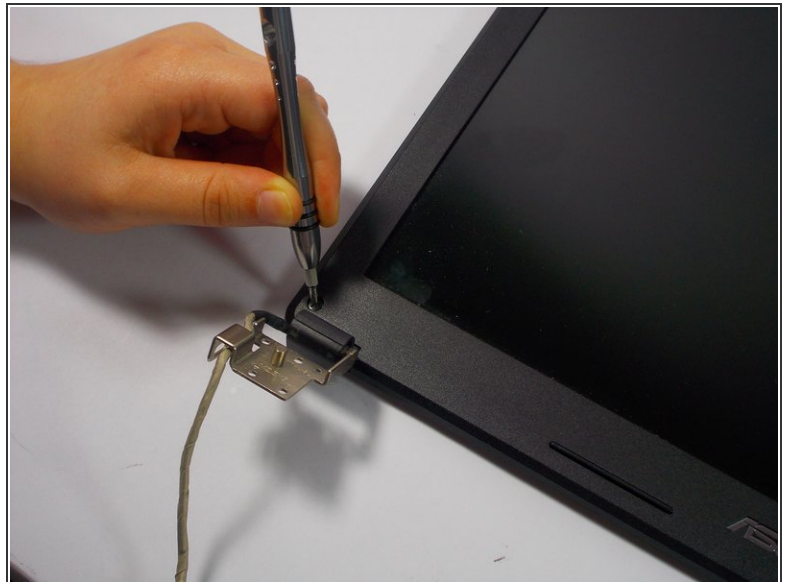


## Step 37



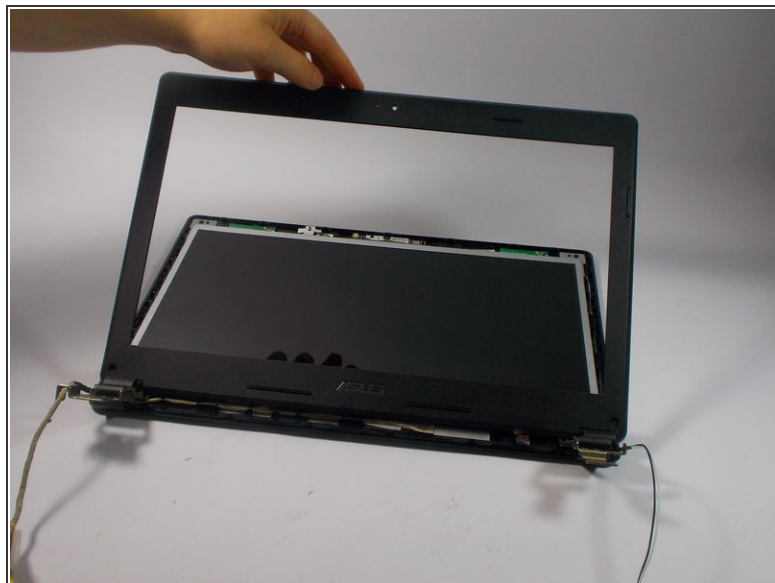
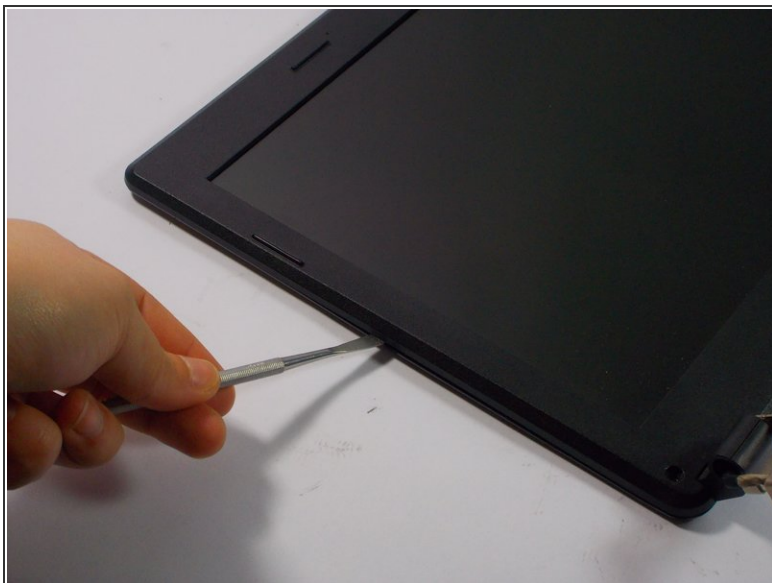
- Remove the rubber pads with the nylon or metal spudger to reveal two 5mm Phillips head screws.

## Step 38



- Remove the two 5mm Phillips head screws with the PH0 bit.

## Step 39



- Pry open the screen cover by running the nylon or metal spudger in the seams.
- Remove the cover.

## Step 40



- Remove the eight 5mm Phillips head screws holding down the screen with the PH0 bit.

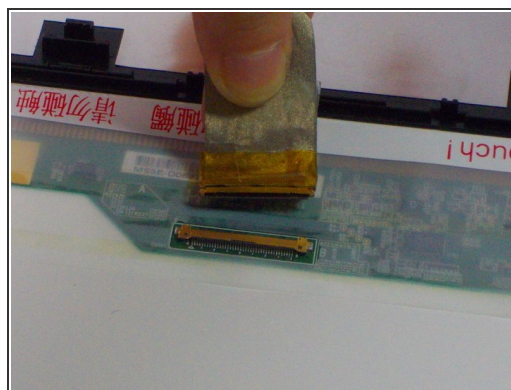
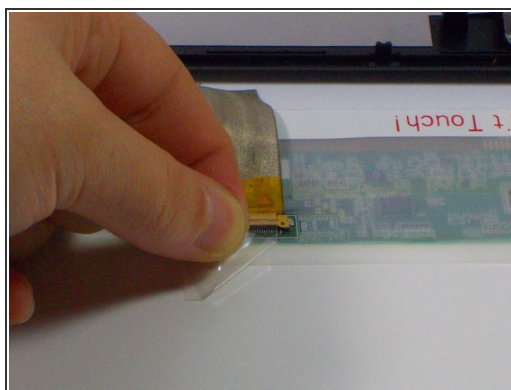
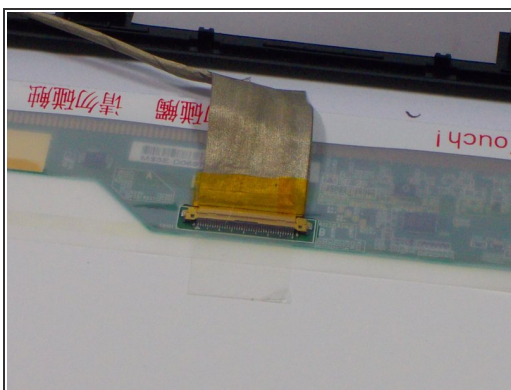


## Step 41



- Lift up the screen.
- ⚠ Carefully remove the screen because there are still wires connected to the screen

## Step 42



- Lift up the tape piece securing the ribbon to the screen.
- Pull out the ribbon.
- Remove the screen completely from the frame.

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