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.

🔧 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.
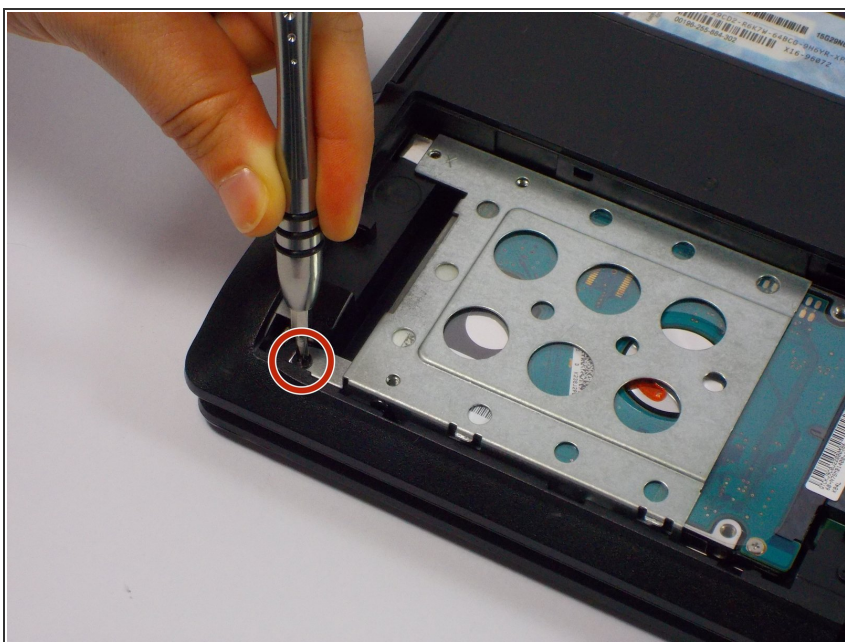
Step 5 — Hard Drive

- Remove the two 9 mm Phillips head screws with the PH0 bit indicated by the red circles in the picture.
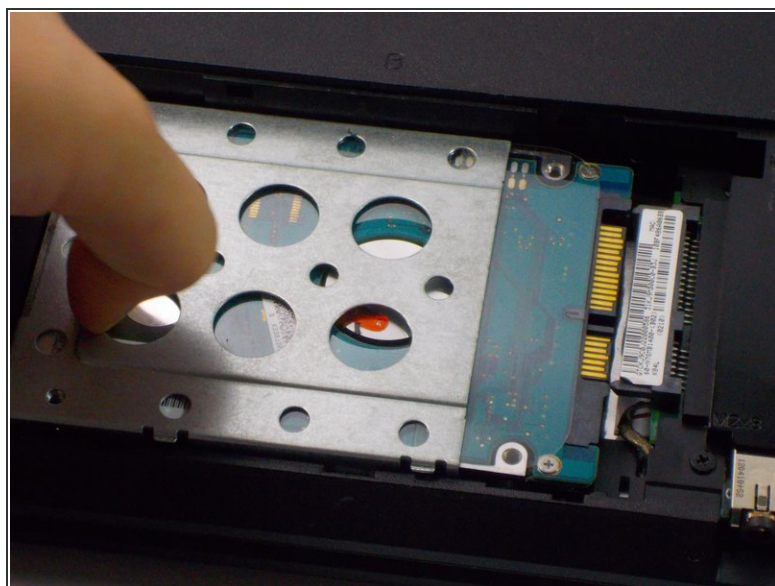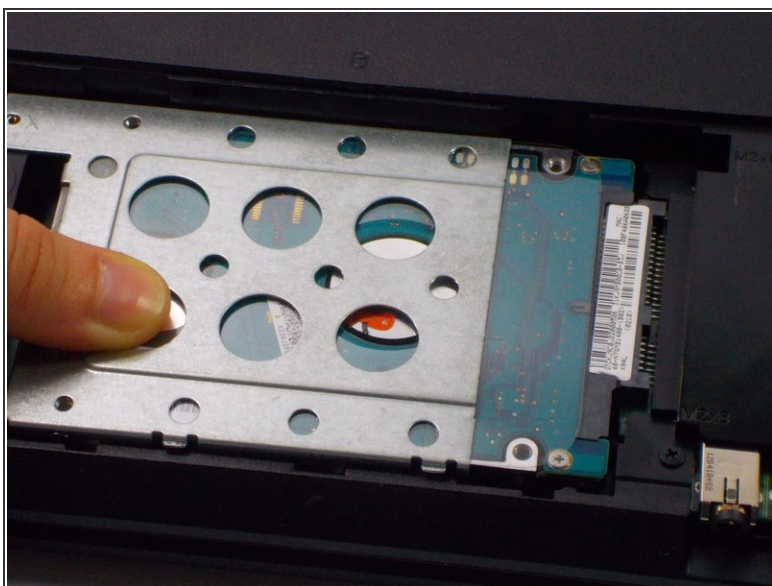
Step 6

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

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Step 7

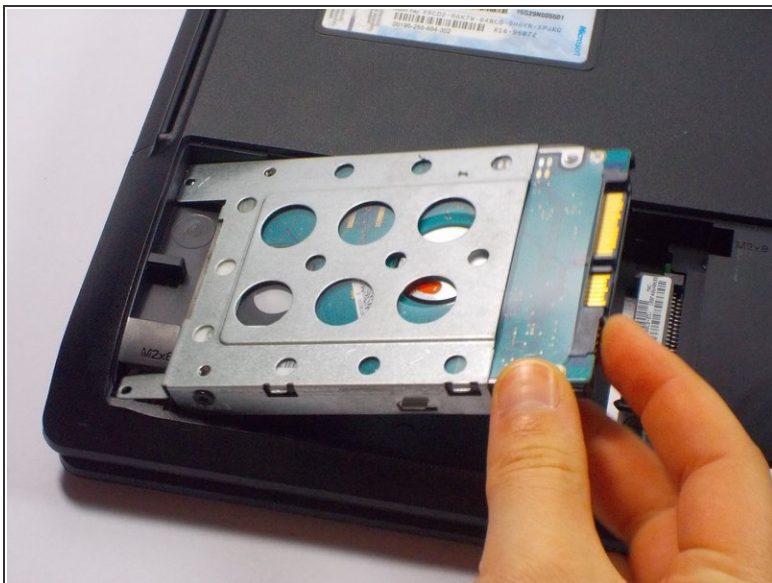- Remove the 9mm Phillips head screw in the left bottom corner of the hard drive with the PH0 bit.

Step 8

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

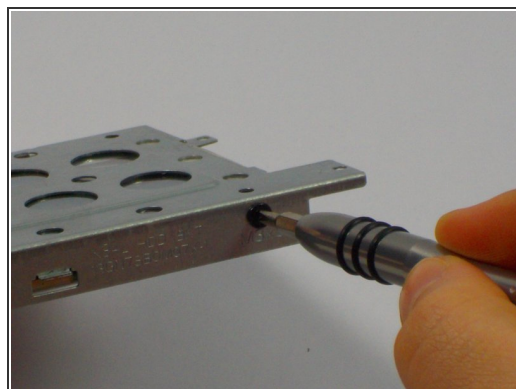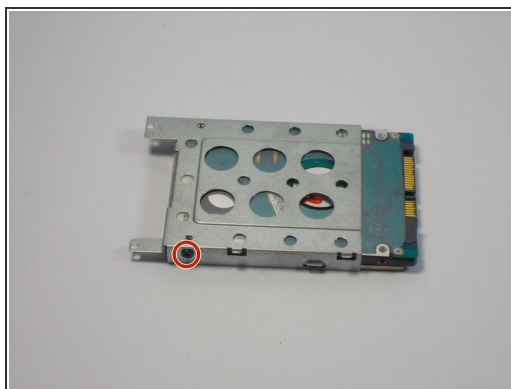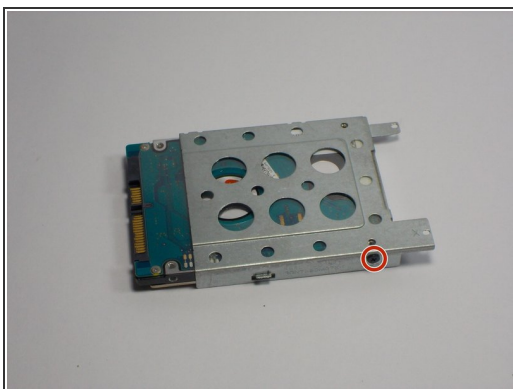This document was generated on 2019-10-02 08:10:19 AM (MST).

Step 9
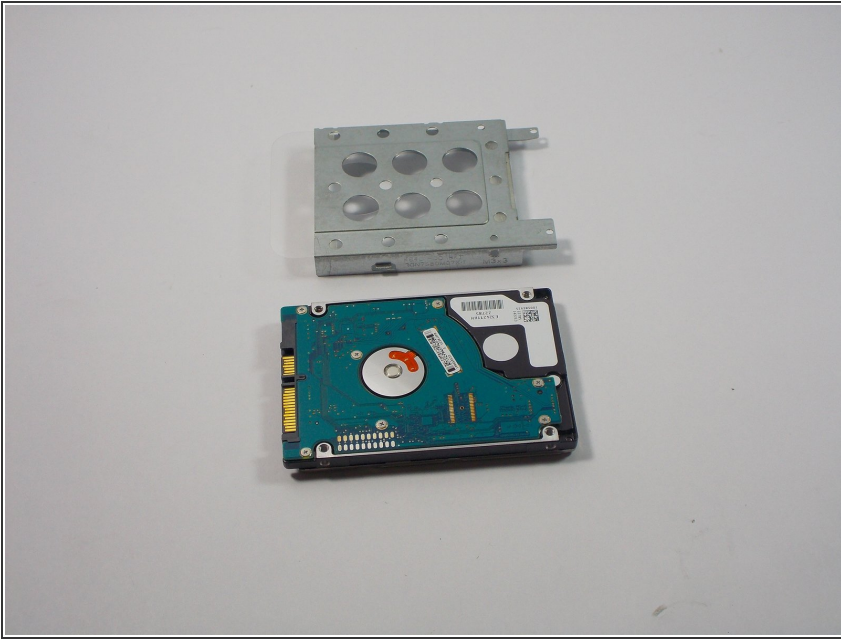

- Pull the hard drive upwards and take it out of its position.

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.

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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.

- (i) The latches are located above the Esc key, the F5 key, between the F10 and F11 key and the Delete key.
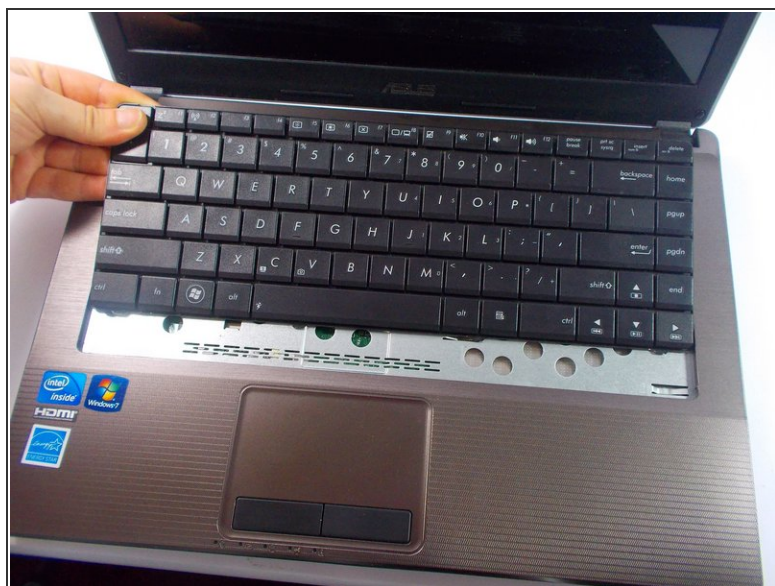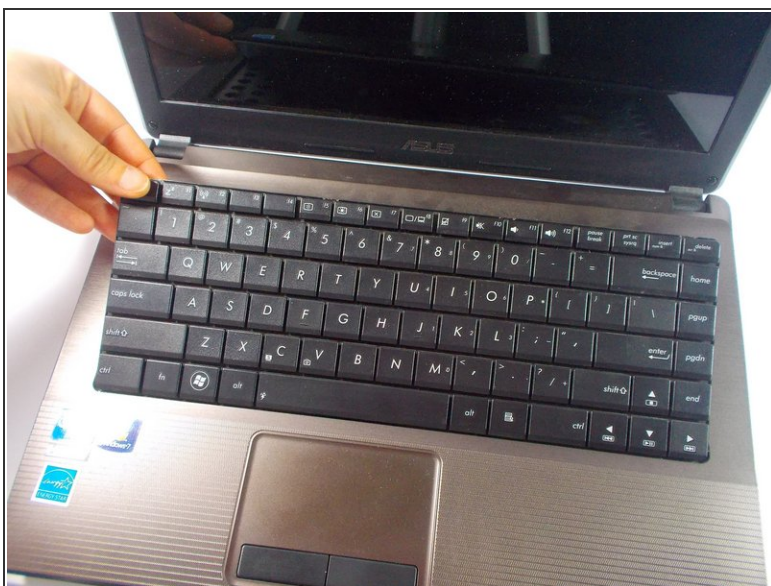
Step 14

⚠ 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.

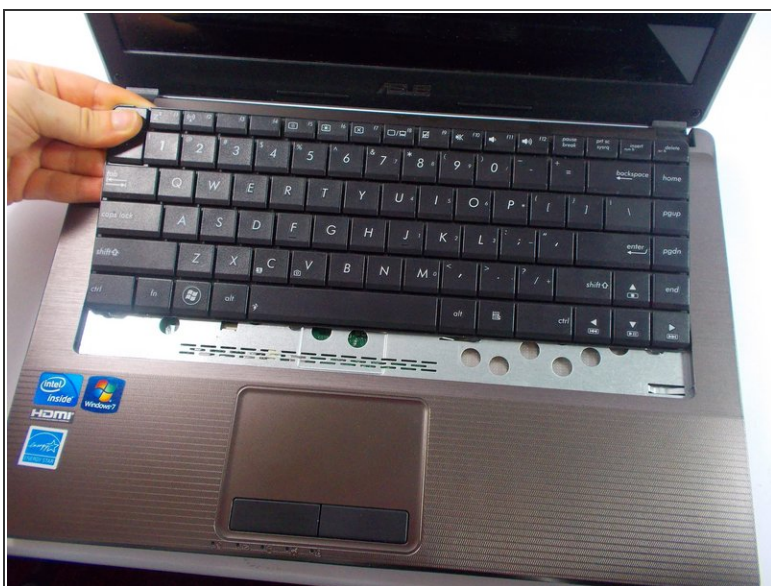- Continue along the rest of the keyboard until it is released at all four latches.

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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.
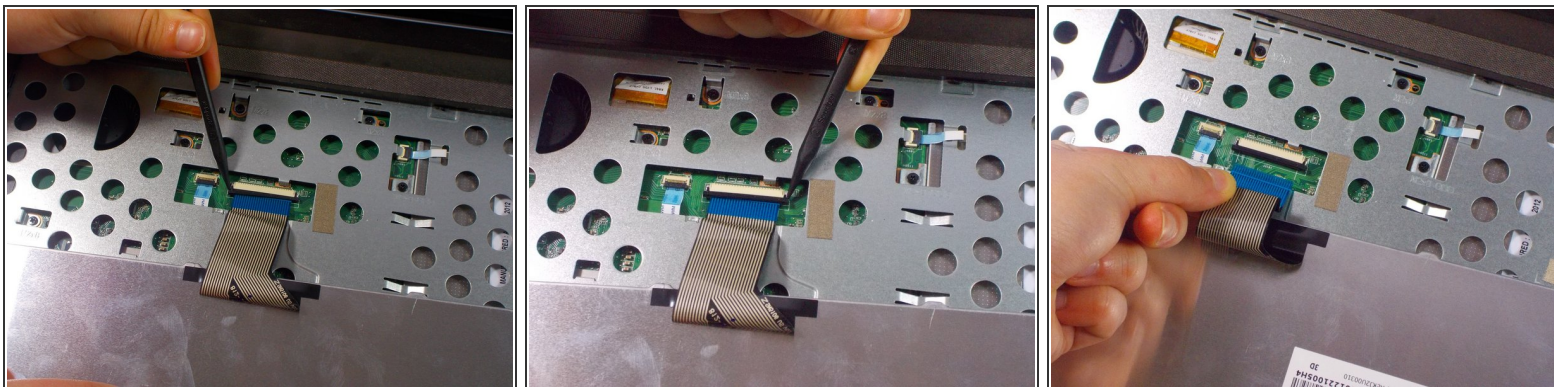
Step 16

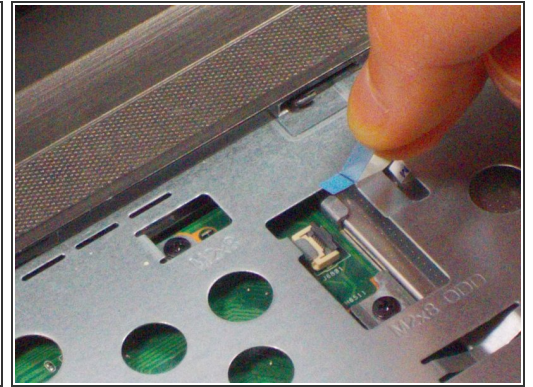- Flip the keyboard over to reveal the back of it and what is underneath.

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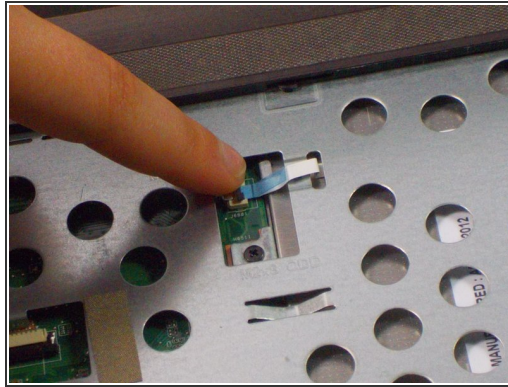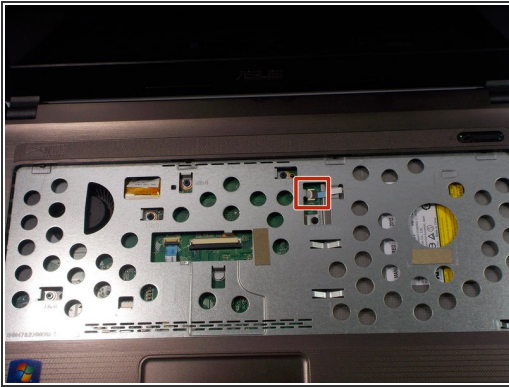
Step 17

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

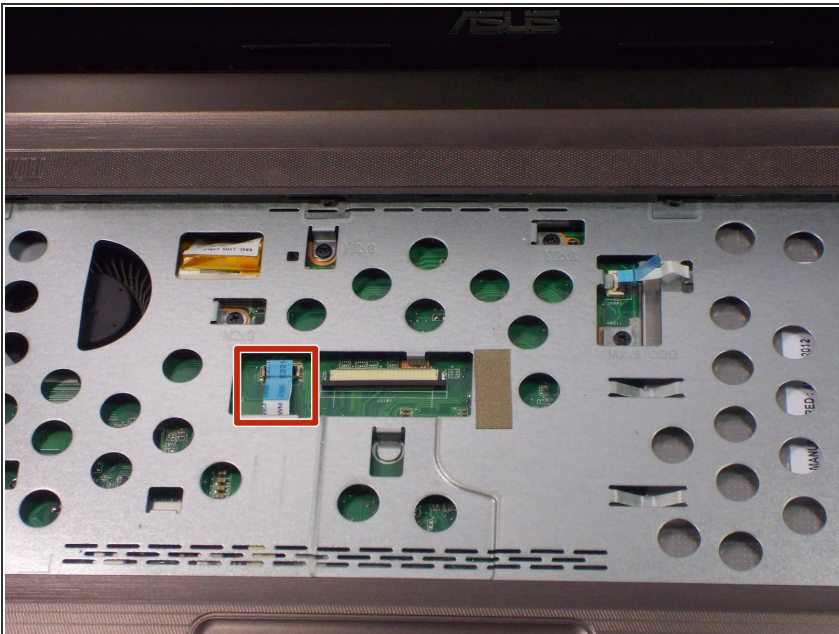- Gently pull out the ribbon cable from the connector piece.

Step 18

- Remove the keyboard completely.

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Step 19 — Front Panel

- Lift up the black lock holding the ribbon.

- Using the blue tab, pull out the ribbon.

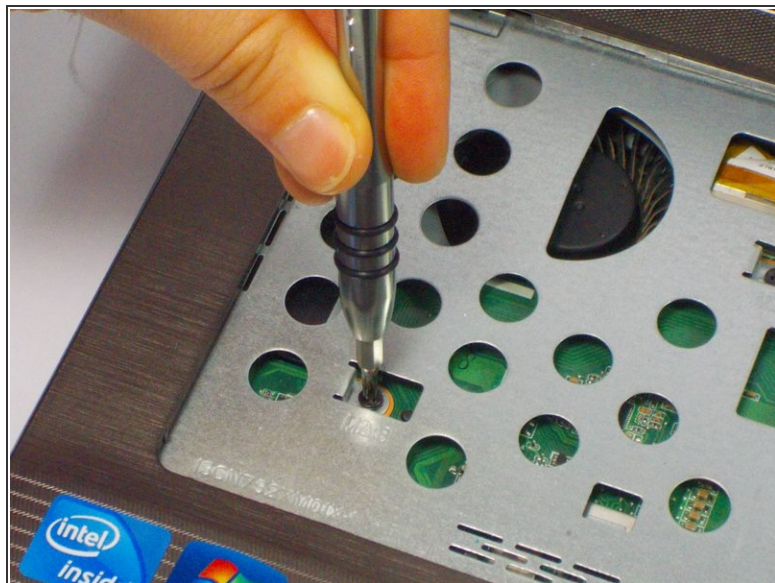⚠️ Pull gently on the ribbon to remove the risk of damaging the ribbon.

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.

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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.

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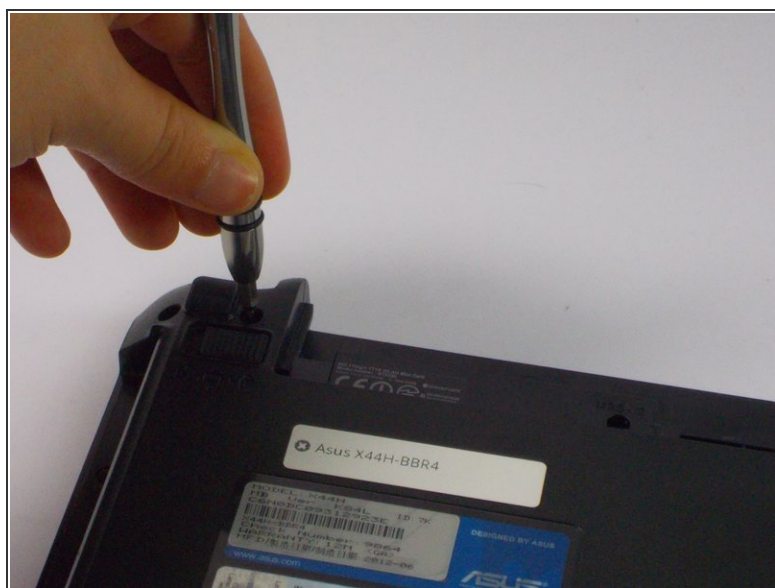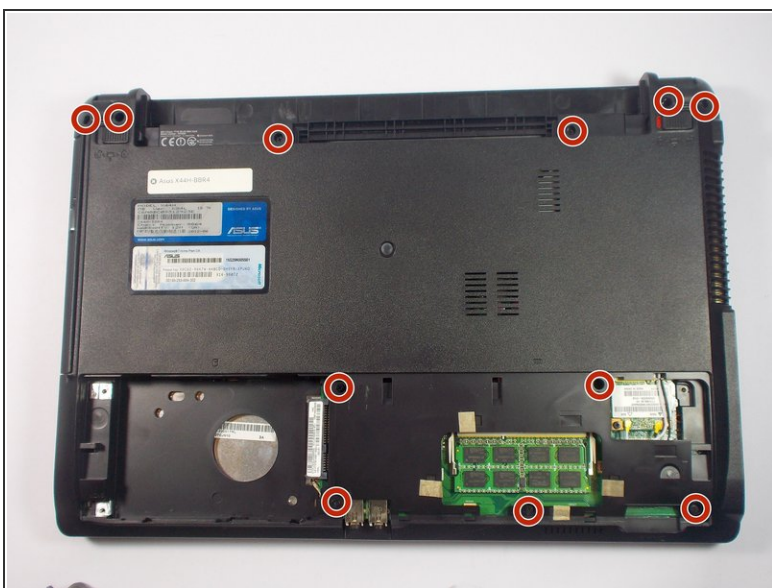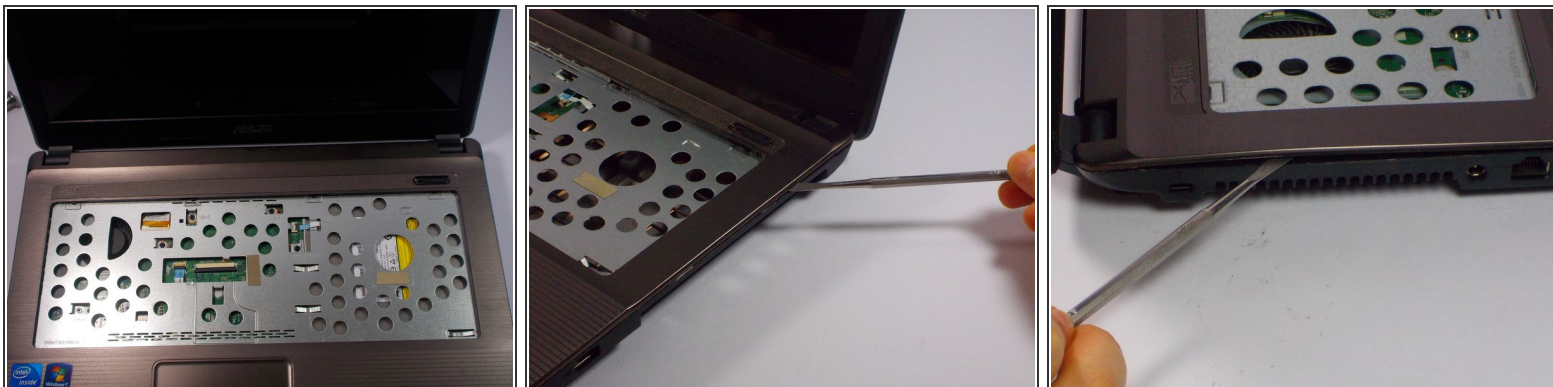
Step 23

- 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.

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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.
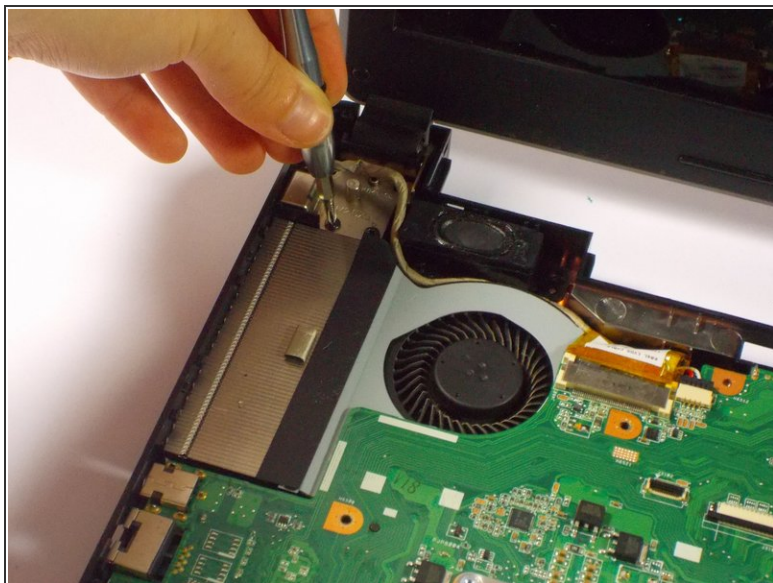
- (i) You should hear clicking sounds as the front panel is being removed from the base.

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.
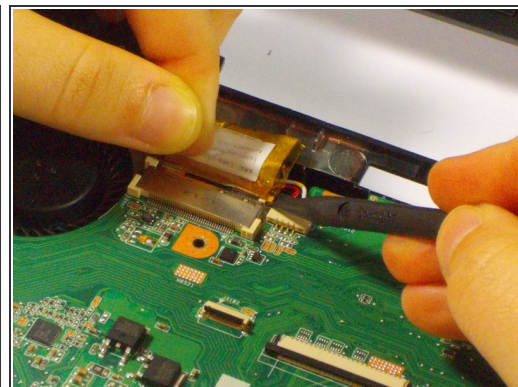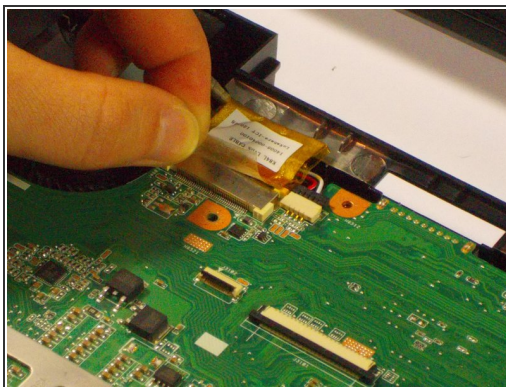
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Step 27 — MotherBoard

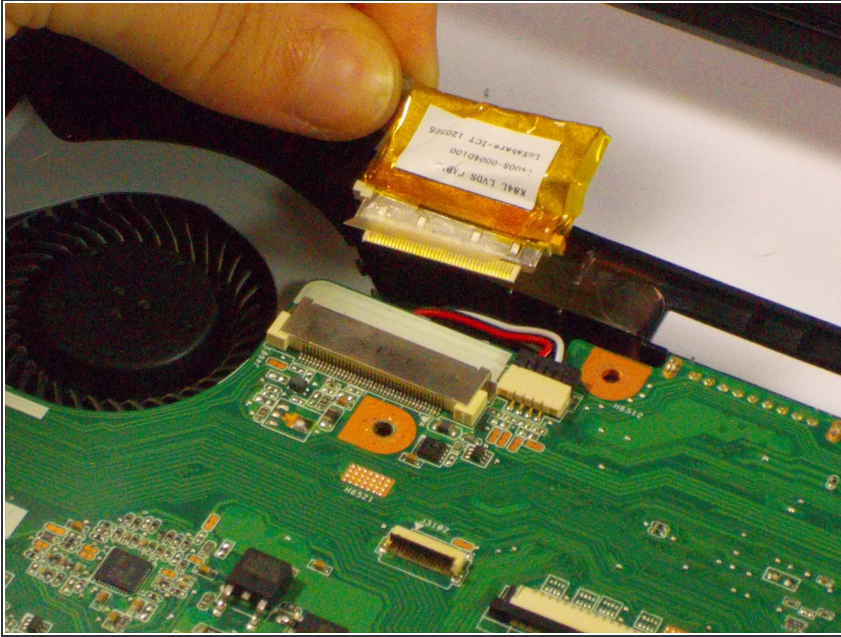- Remove the 5mm Phillips head screw using the PH0 bit.

Step 28

- Pull up on the tape holding the tan cable in place.

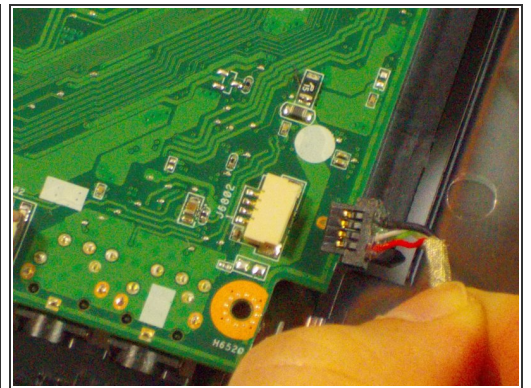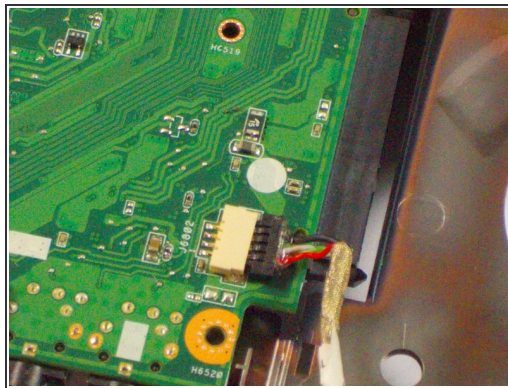- While holding the tape push up on each side of the cable connector to disconnect it.

Step 29
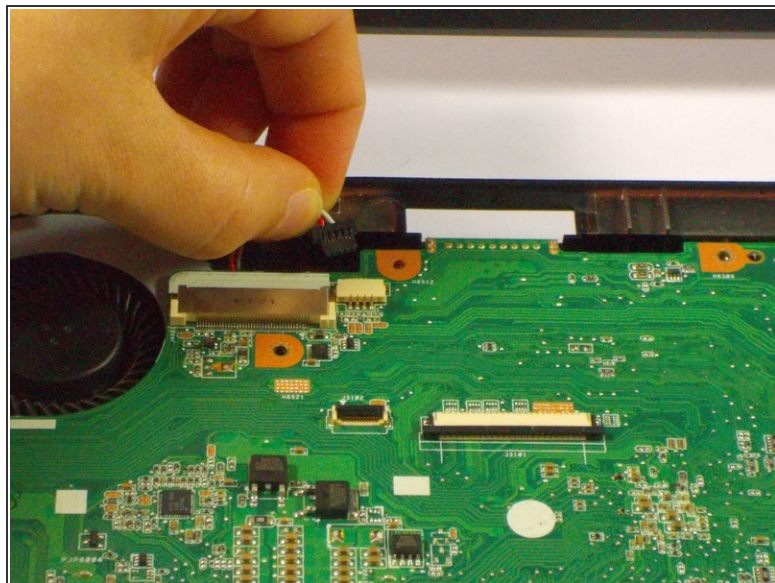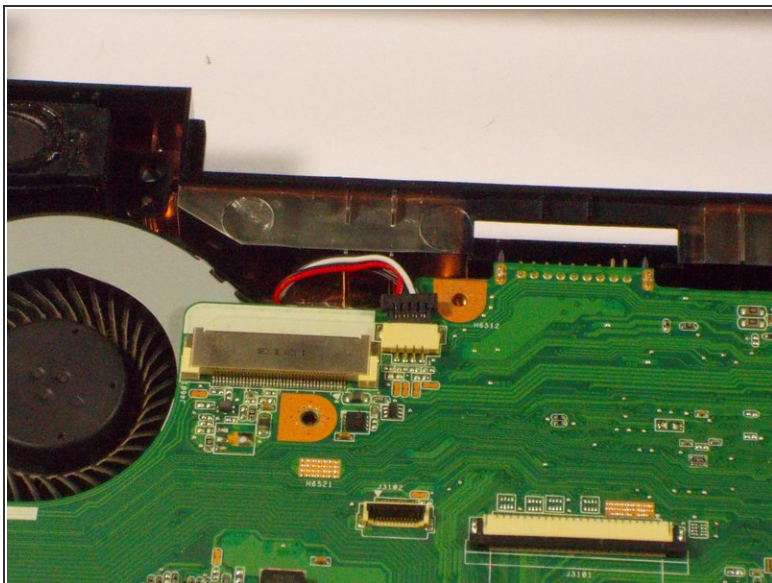

● Gently pull out the cable connector.

Step 30

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

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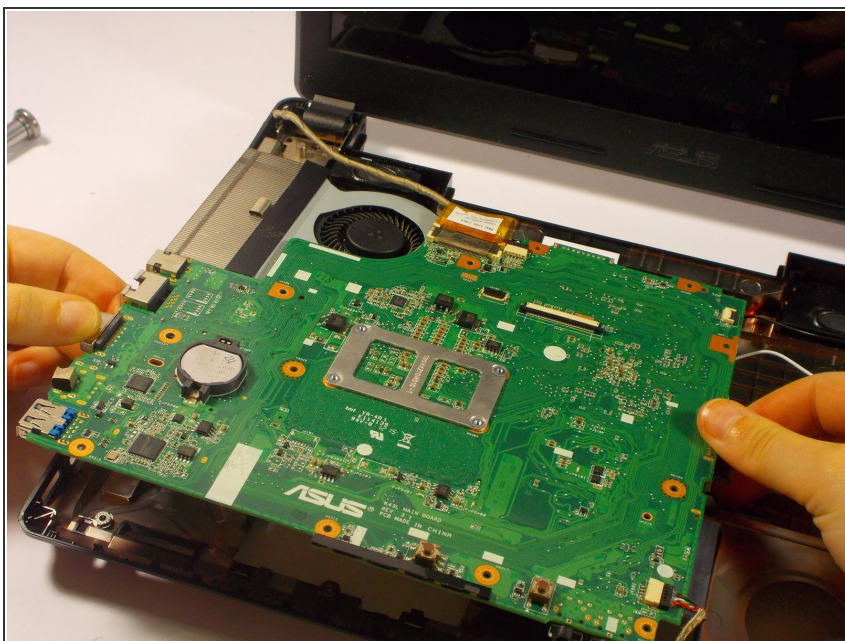
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Step 31

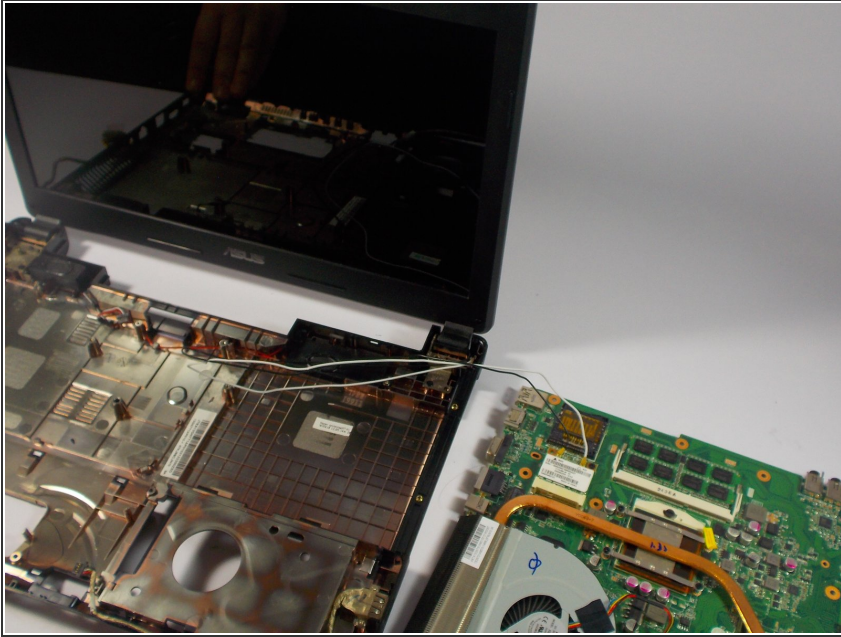- Remove the red and white wire connector next to the fan.

Step 32

- Take out the motherboard

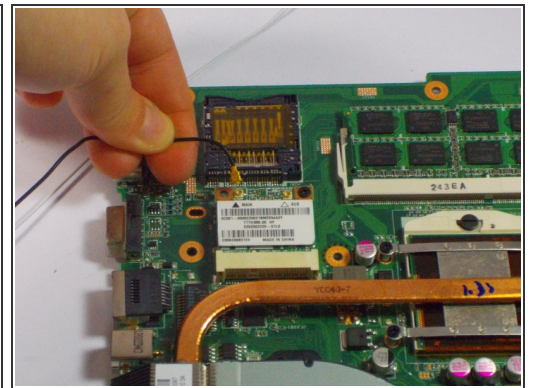⚠ There are still two wires connected to the bottom of the motherboard so remove carefully.
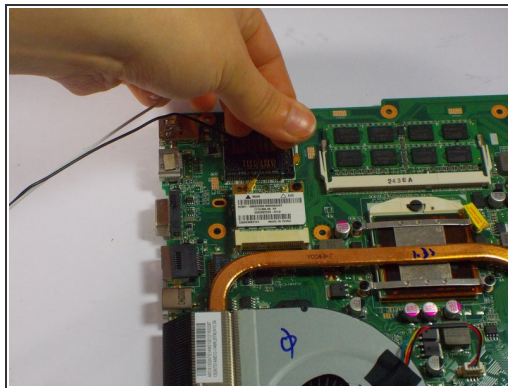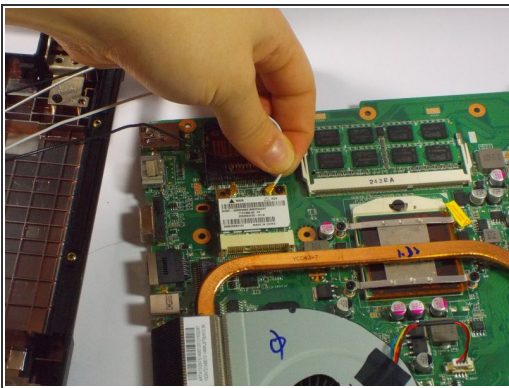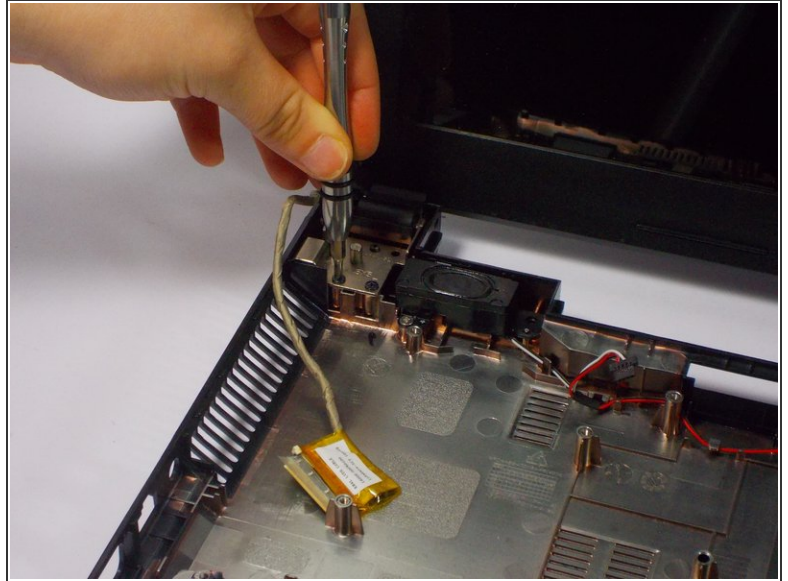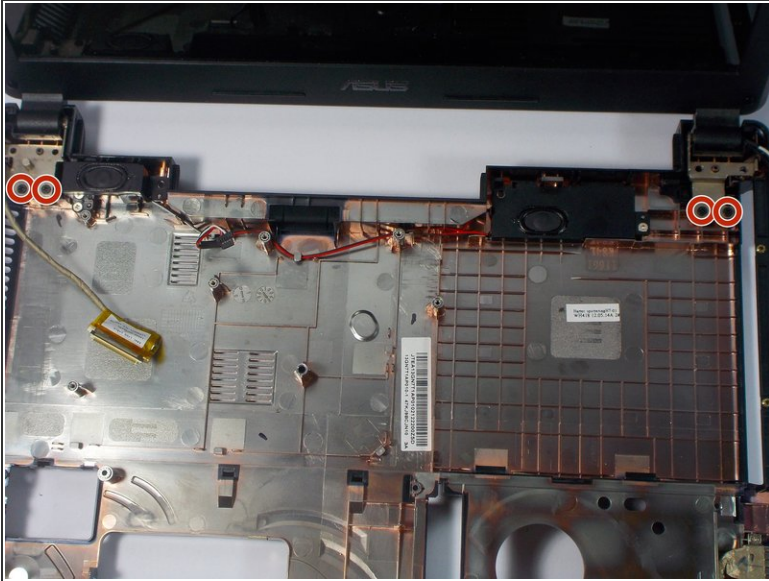
Step 33

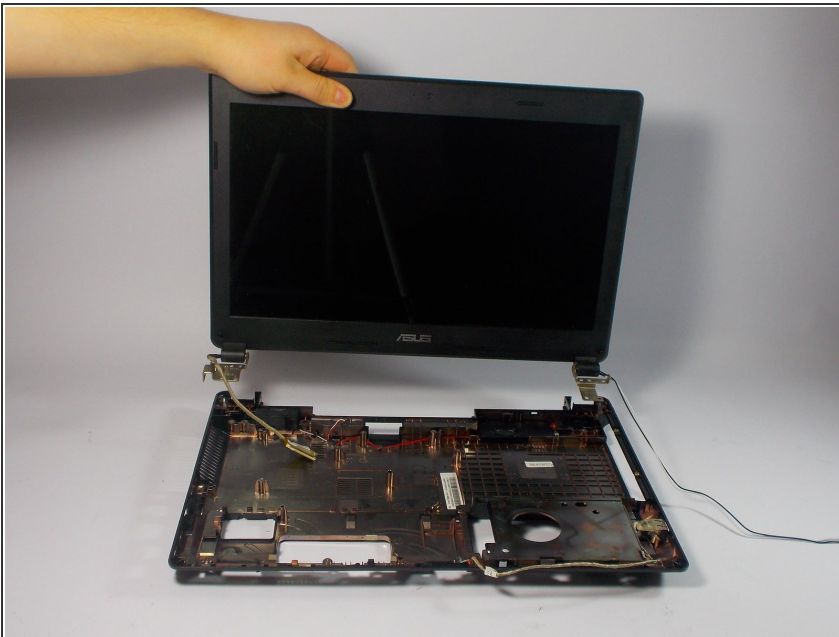- Flip the motherboard over next to the laptop base.

Step 34

- Remove the white and black wire.

- The motherboard is not completely separated from the base of the computer.

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Step 35 — Screen

- Remove the four 9 mm Phillips head screws that hold the screen to the base with the PH0 bit.
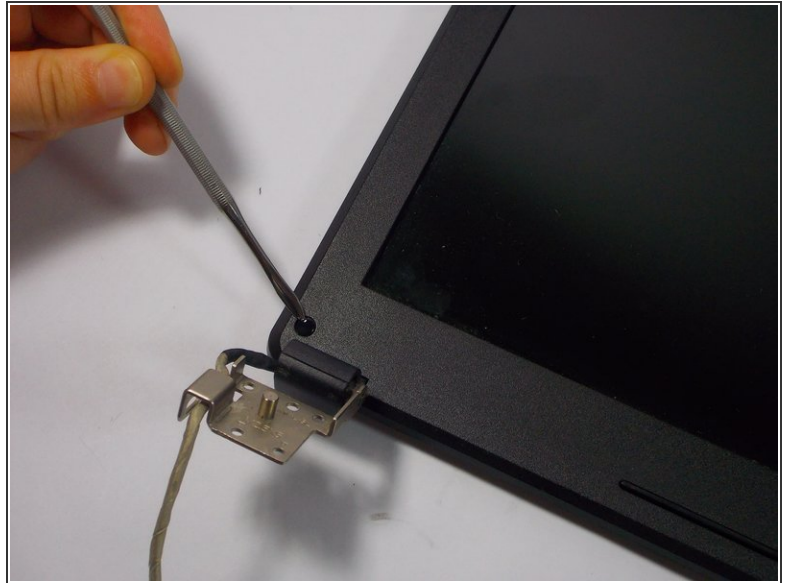
Step 36

- Lift up the screen from the base.

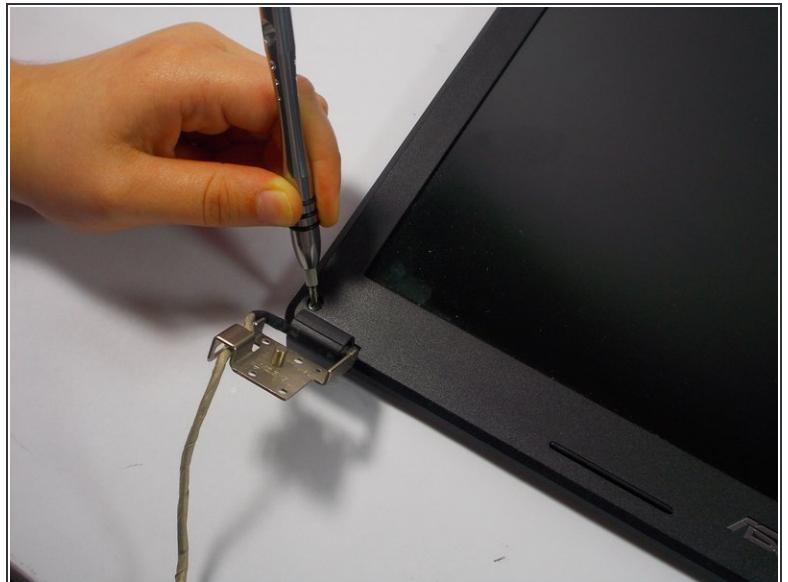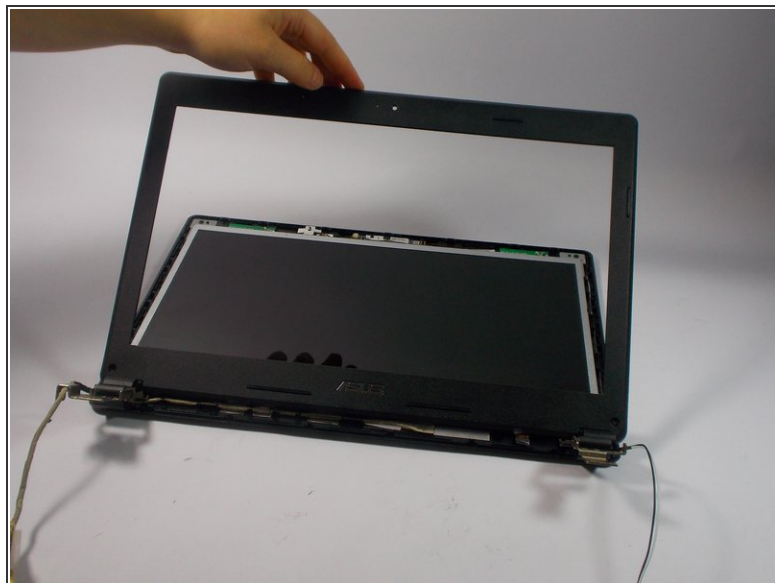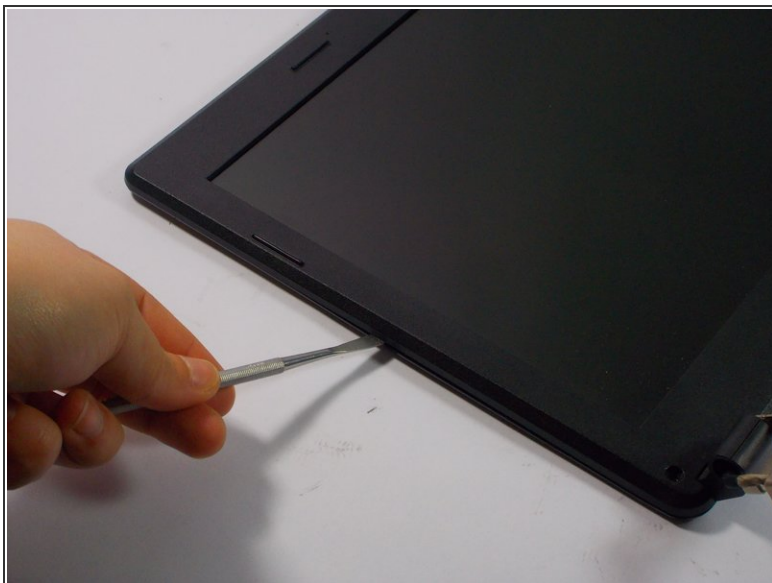This document was generated on 2019-10-02 08:10:19 AM (MST).

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.

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Step 39

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

- Remove the cover.

Step 40

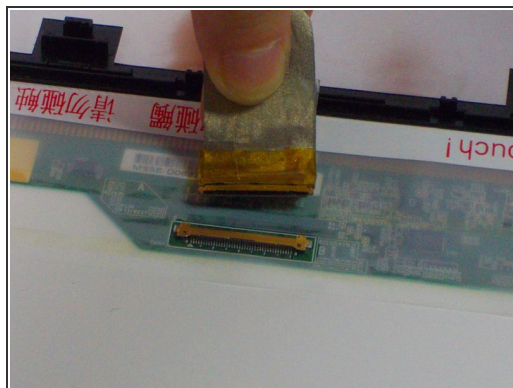- Remove the eight 5mm Phillips head screws holding down the screen with the PH0 bit.
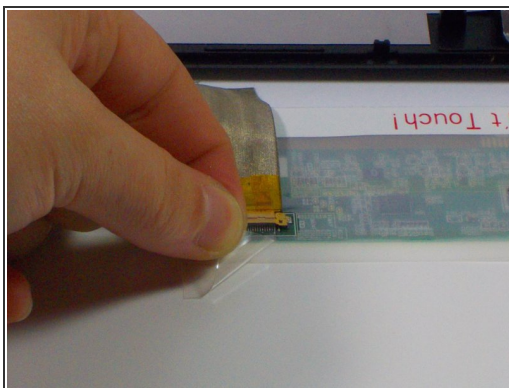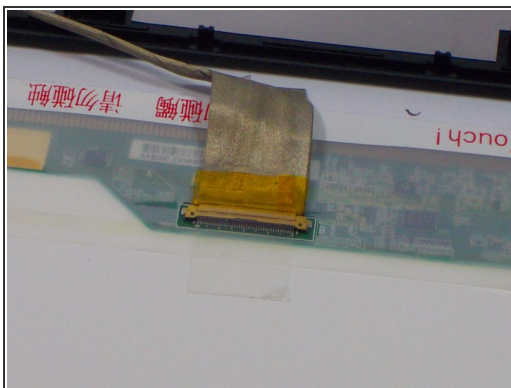
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Step 41

- 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.

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