



ASUS K50IJ Screen replacement 15.6"

Replacement

This is a replacement guide for the ASUS K50IJ screen. The ASUS K50IJ has a 15.6" Liquid Crystal Display (LCD) screen.

Written By: Dmitriy Ivakhnenko



INTRODUCTION

Sometimes screens stop working. This guide will show you how to replace your screen and get back to browsing.

TOOLS:

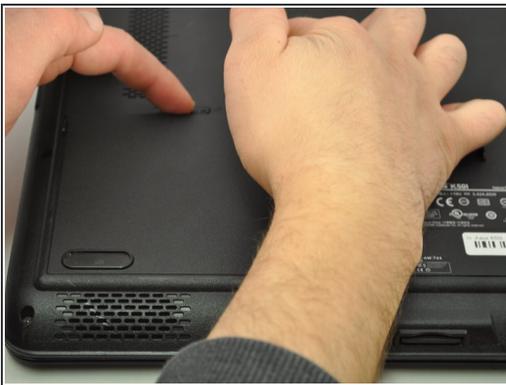
- [Phillips #1 Screwdriver](#) (1)
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Step 1 — Battery



- Slide the tab over to unlock the battery cover located on the bottom-left corner of the laptop.

Step 2



- Lift the exposed lip and remove the battery cover.

Step 3



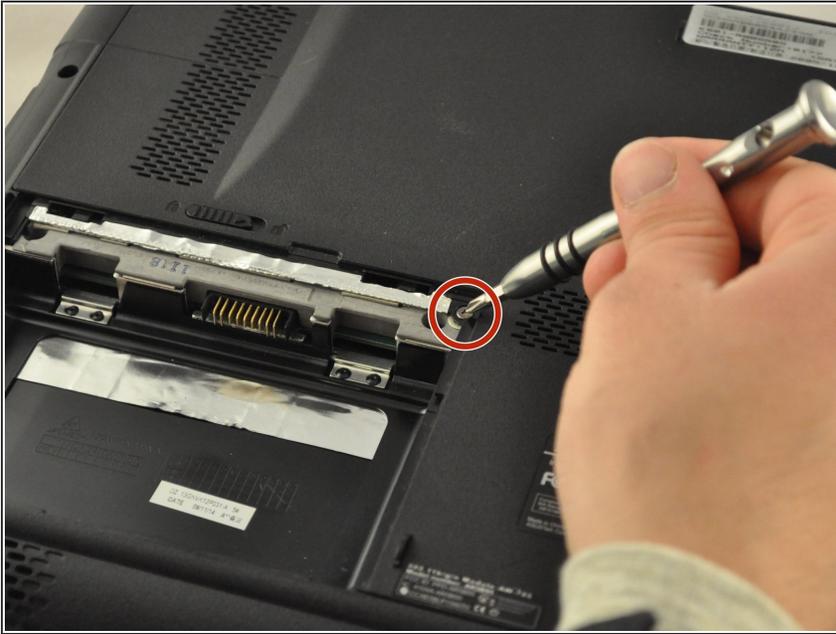
- Press the tabs on the battery and lift them. The battery should come out easily.

Step 4 — Fan



- Using the PH1 screwdriver, remove the four 4 .75 mm screws that are located on the vent panel.

Step 5



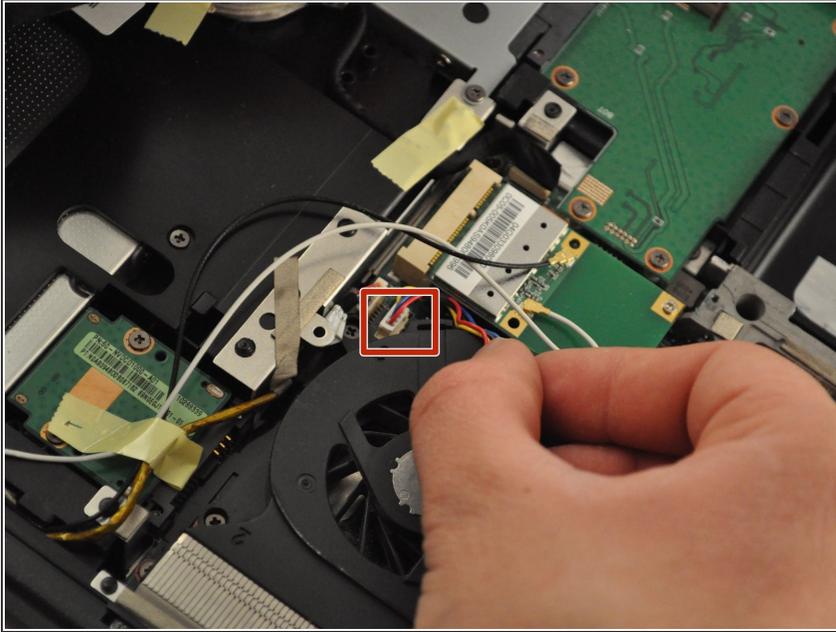
- Remove the one .5 mm screw located in the top right corner of the battery compartment.

Step 6



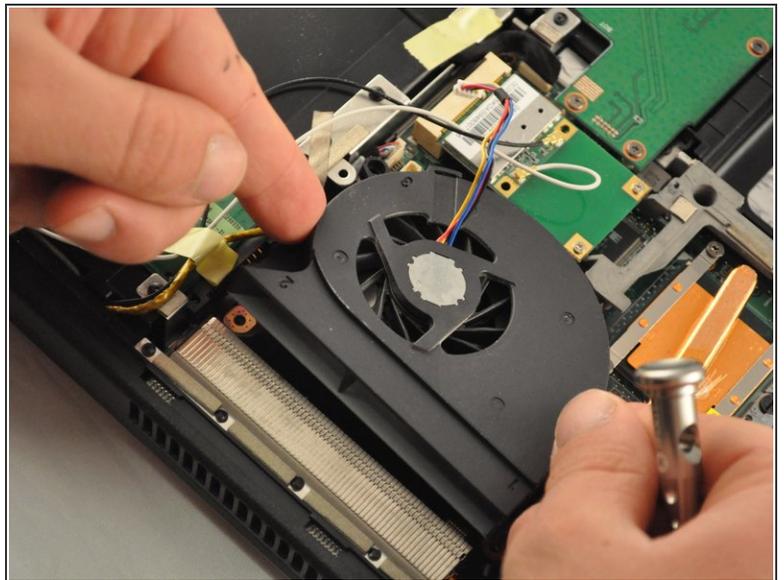
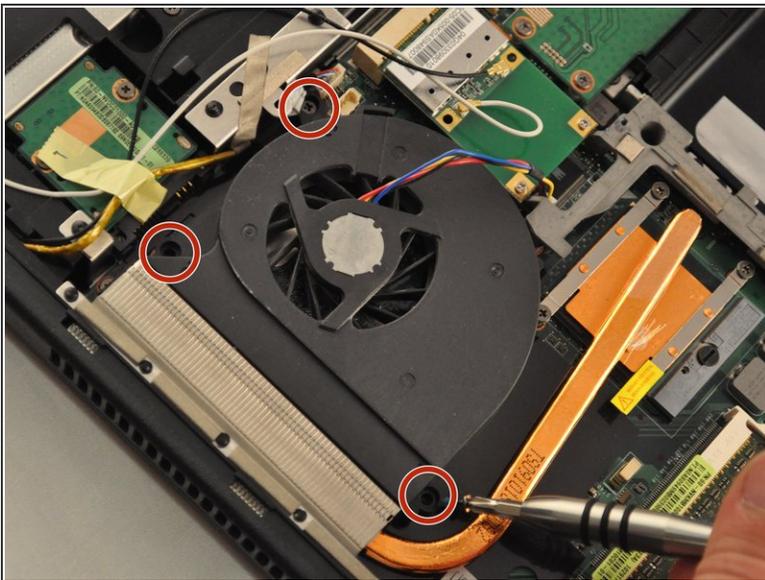
- Remove the bottom panel by sliding it toward the hinges and lifting the back panel up.

Step 7



- Unplug the wire cable attached to the fan by pulling it out .

Step 8



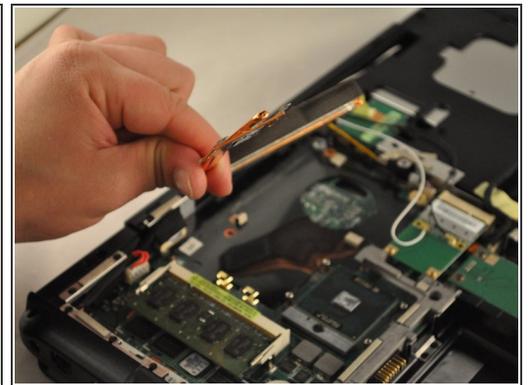
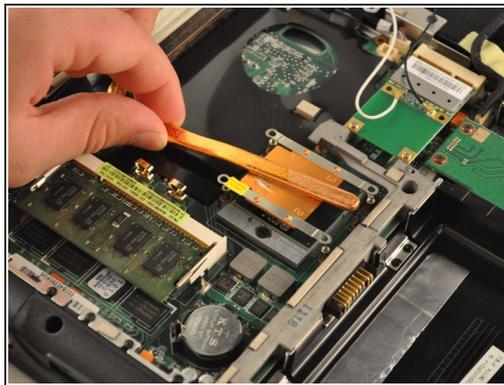
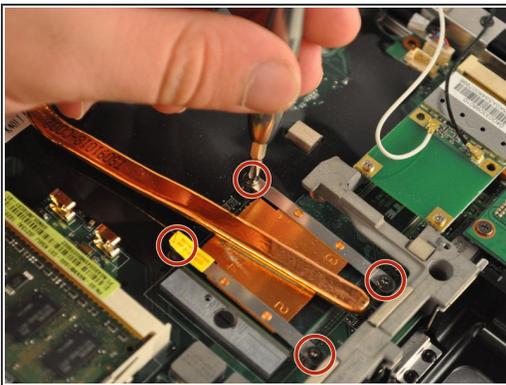
- Using the PH1 screwdriver, remove the 3 .75mm screws labeled as 1, 2, and 3 on the fan. **NOTE** these screws have the labels "1", "2", and "3" next to them.
- Lift the fan up with your fingers.

Step 9 — Charging Port



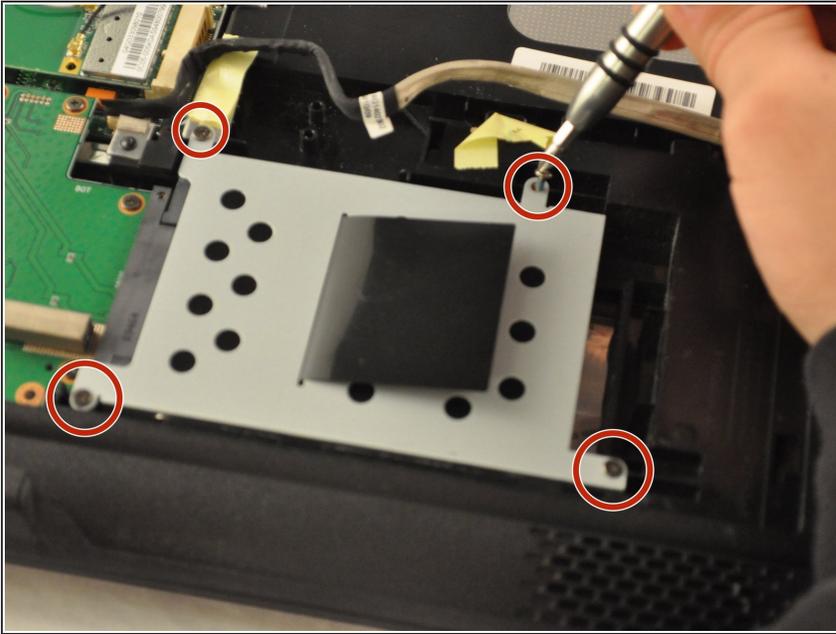
- Using the PH1 screwdriver remove the two .75 mm screws from the hinge side of the laptop.

Step 10



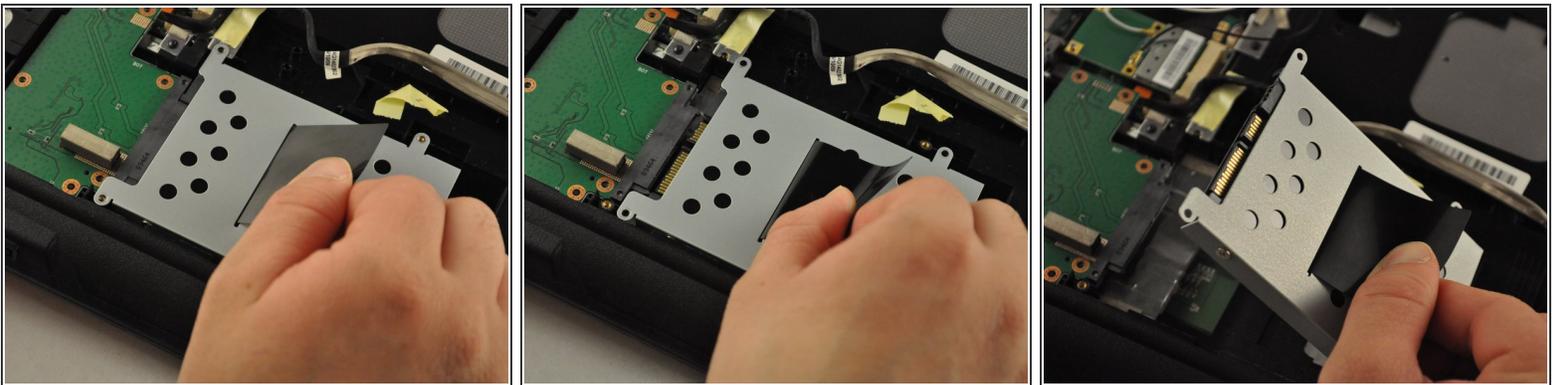
- Using the PH1 screwdriver, remove the four .75 mm screws from the copper heat sync. They will be labeled 1-4.
- Pull the copper heat sync out of the laptop.

Step 11



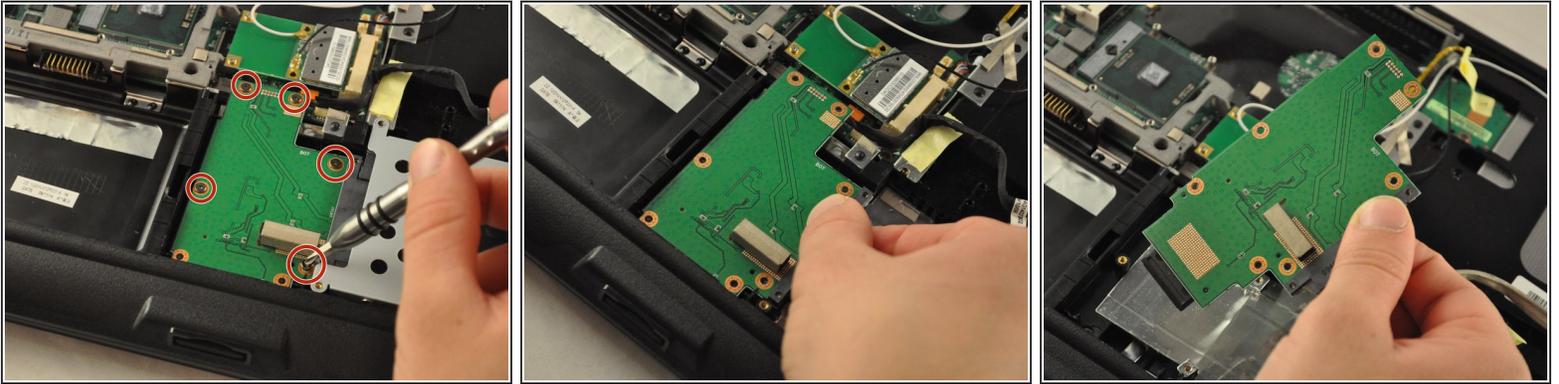
- Using the PH1 screwdriver, remove four .75 mm screws from the driver, located in the bottom-right corner of the laptop.

Step 12



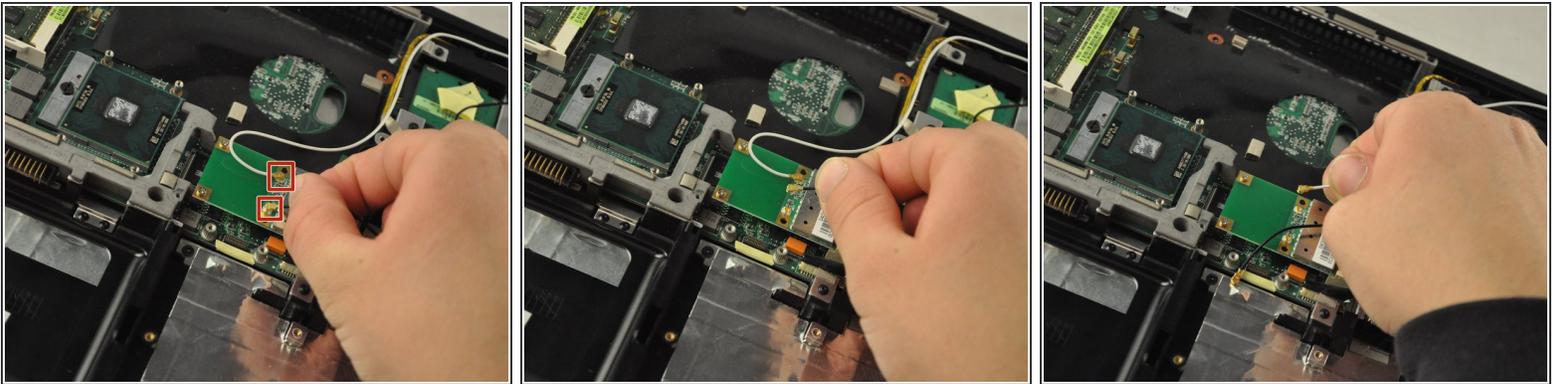
- Pull on the black tab on the driver to slide the driver back, and lift the driver out of the laptop.

Step 13



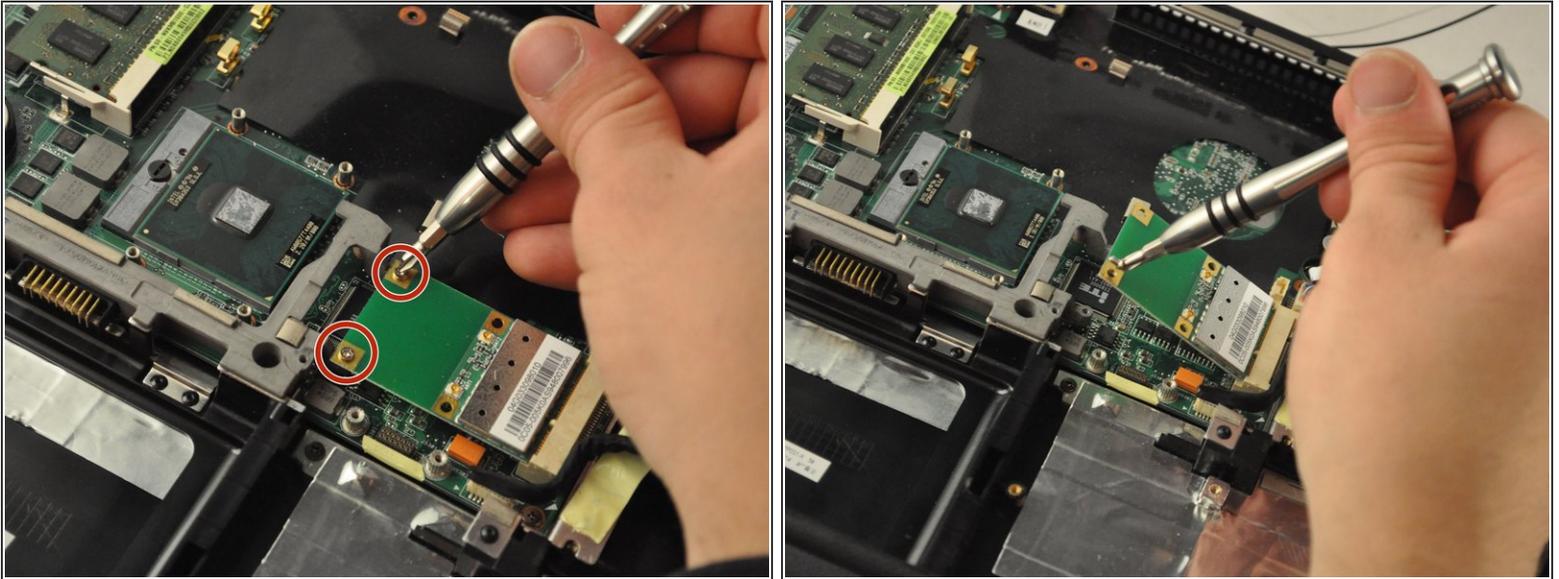
- Using the PH1 screwdriver, remove the five .5 mm screws from the SD card reader, located in the bottom-middle corner of the laptop.
- Slide the SD card reader away and out.

Step 14



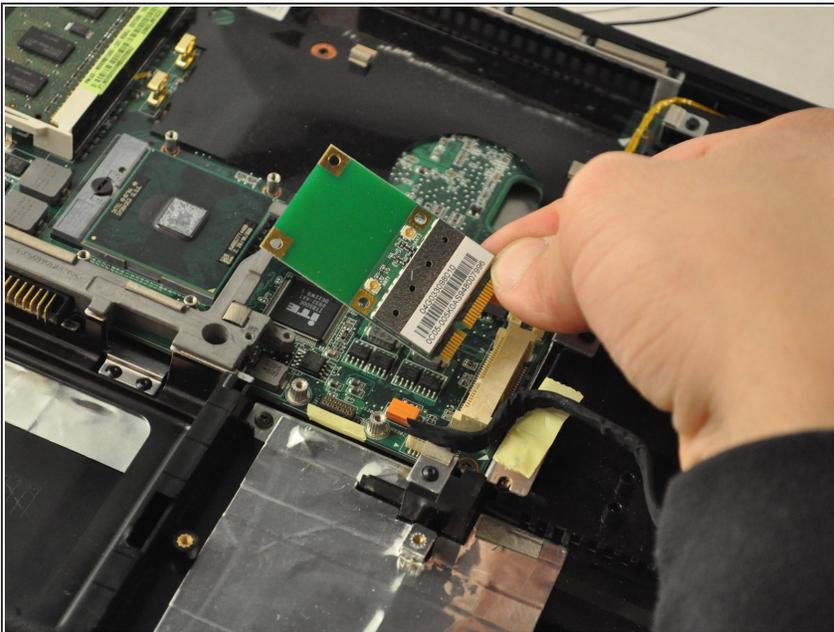
- Detach the white and black wires from the Wi-Fi card, located in the central area of the laptop.

Step 15



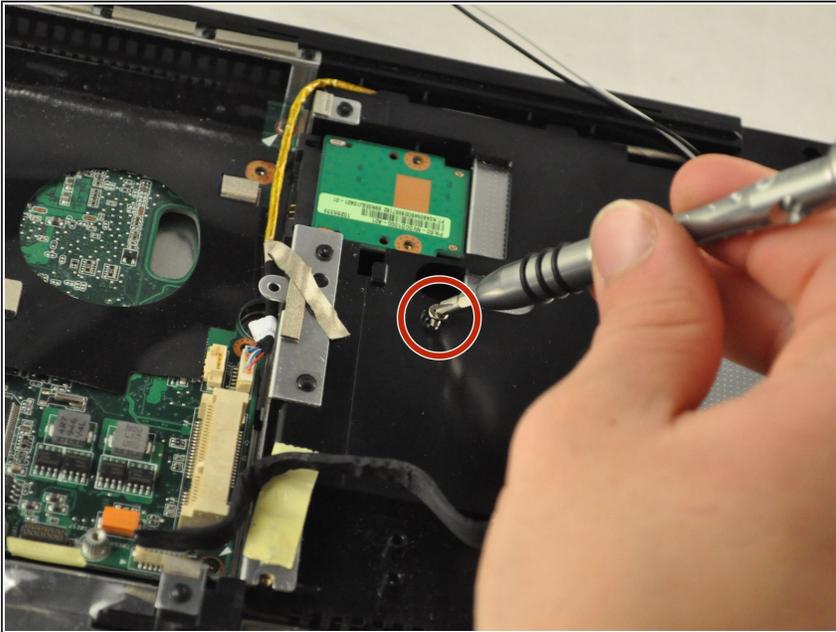
- Using the PH 1 screwdriver, remove the two .25 mm screws from the Wi-Fi card.

Step 16



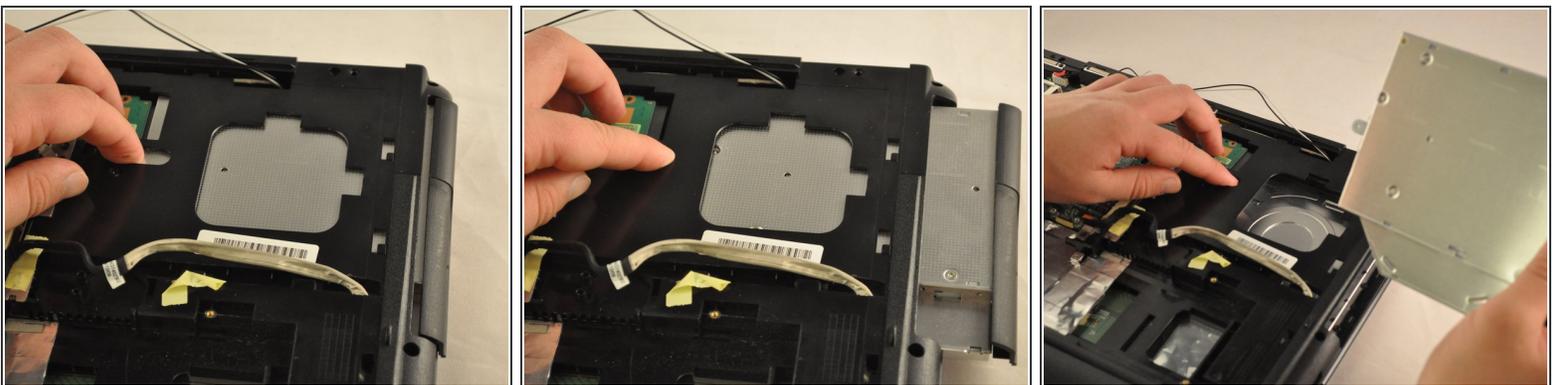
- Slide the Wi-Fi card out of its slot to remove.

Step 17



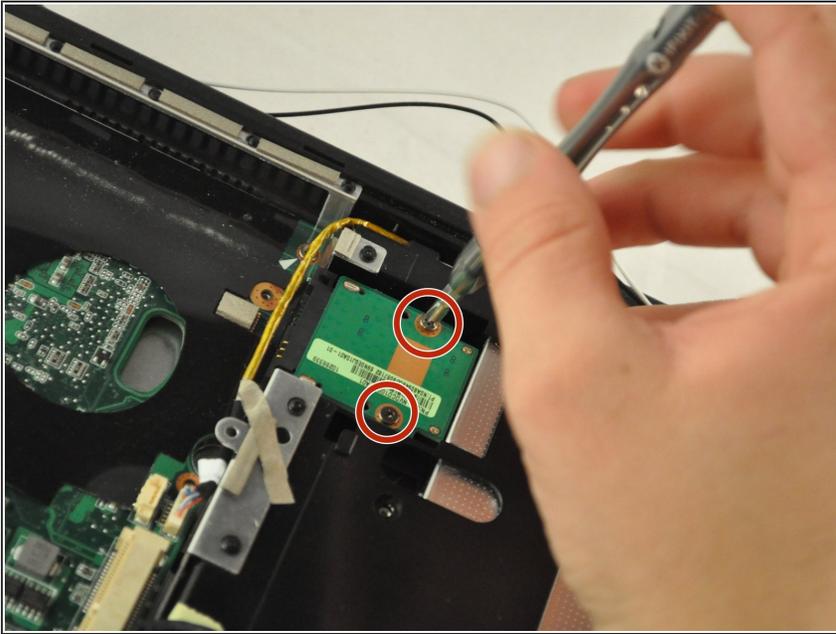
- Using the PH1mm screwdriver, remove one .5 mm screw from the disk drive, located in the top-right corner of the laptop.

Step 18



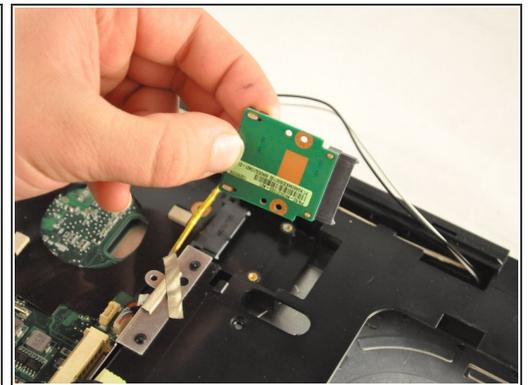
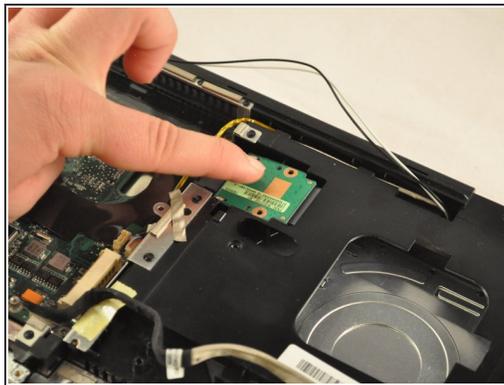
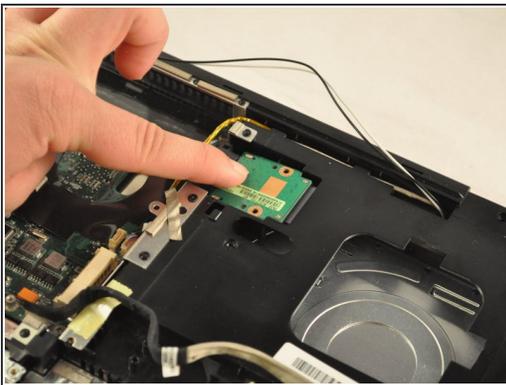
- Slide the disc drive out of its slot.

Step 19



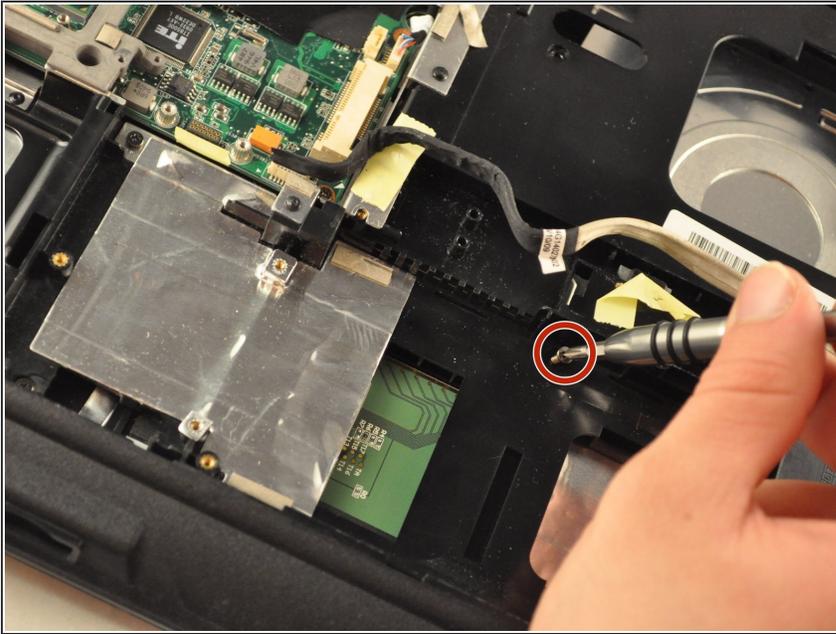
- Using the PH 1 screwdriver, remove the two .5 mm screws from the RAM drive.

Step 20



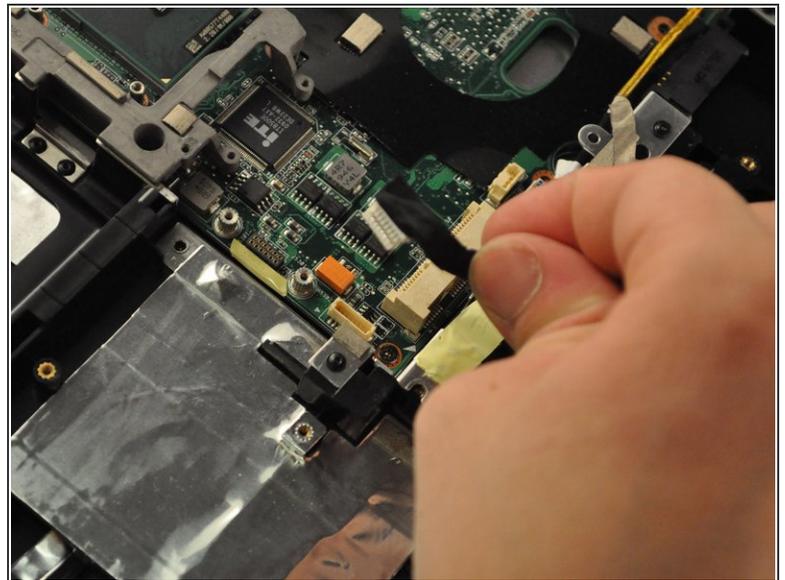
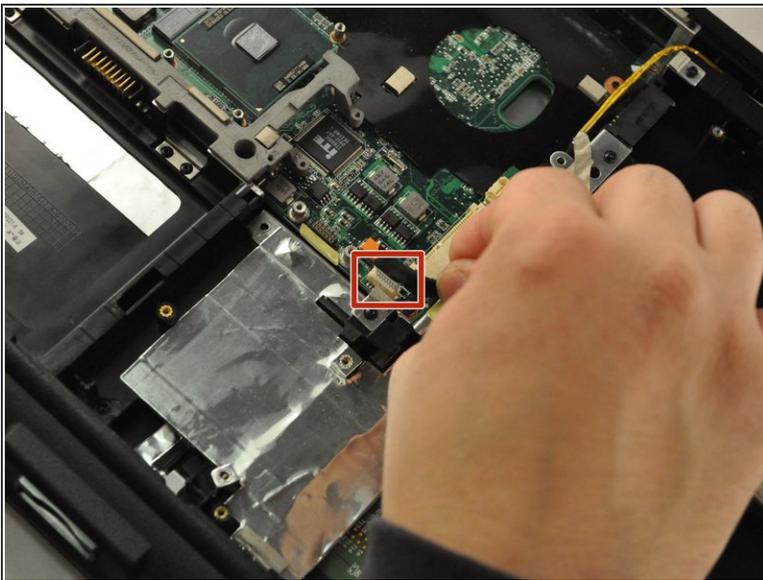
- Slide and lift the RAMdrive out of its port.

Step 21



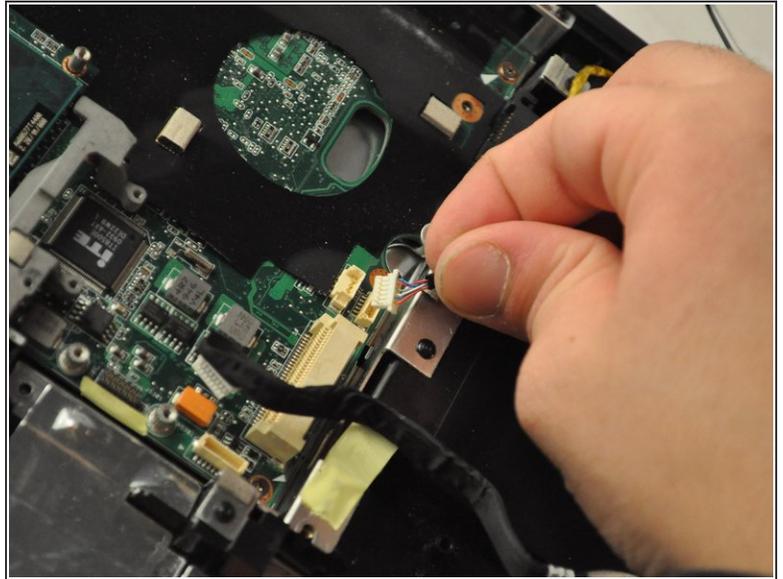
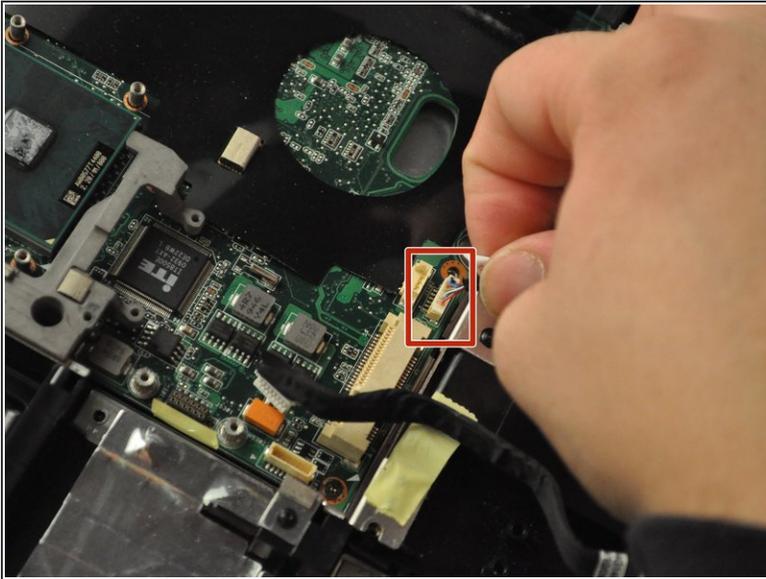
- Using the PH1 screwdriver, remove the .75 mm screw from the plastic housing corner, located in the bottom-right corner of the laptop.

Step 22



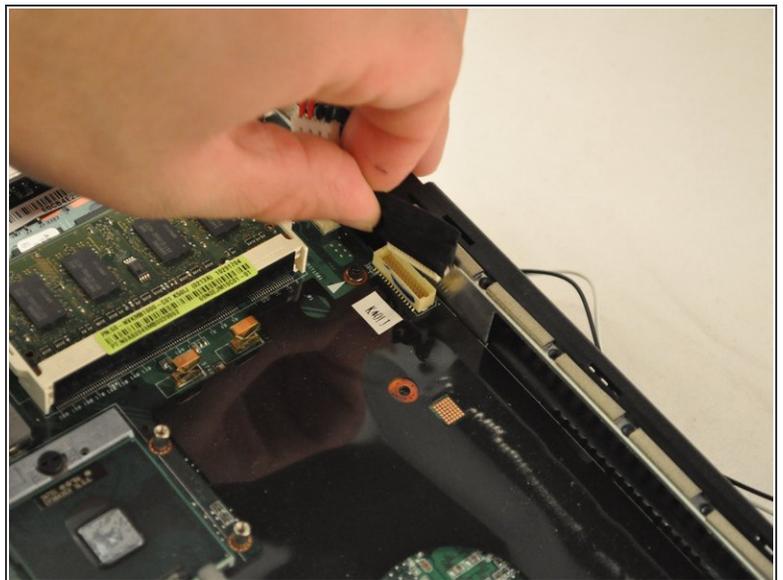
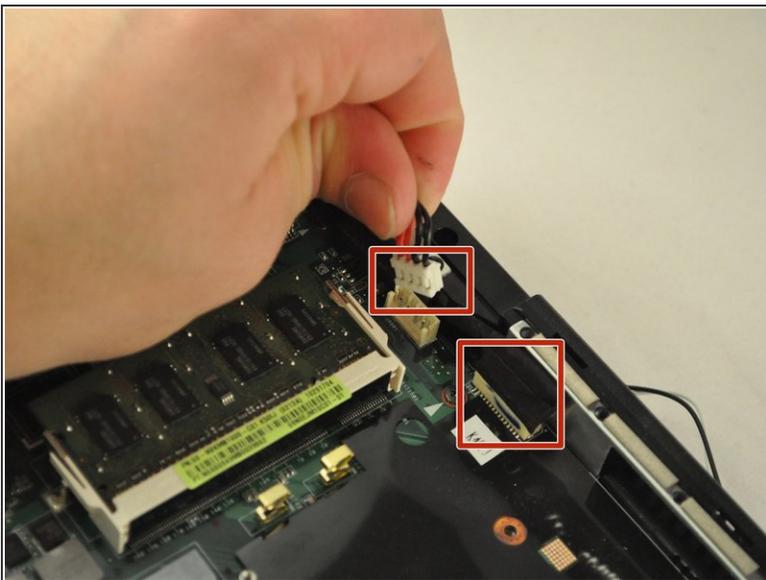
- Unplug the black cable from the central area of the laptop.

Step 23



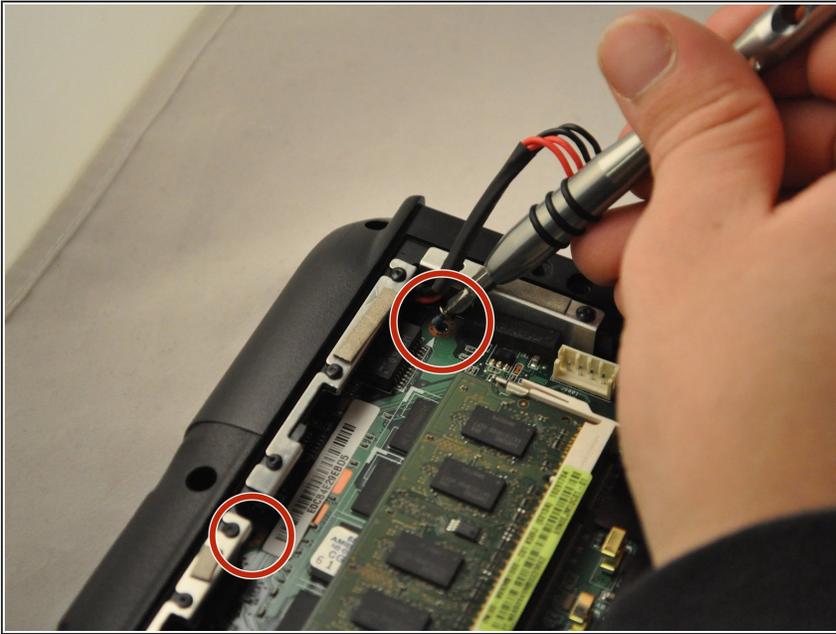
- Unplug the wire cable in the central area of the laptop.

Step 24



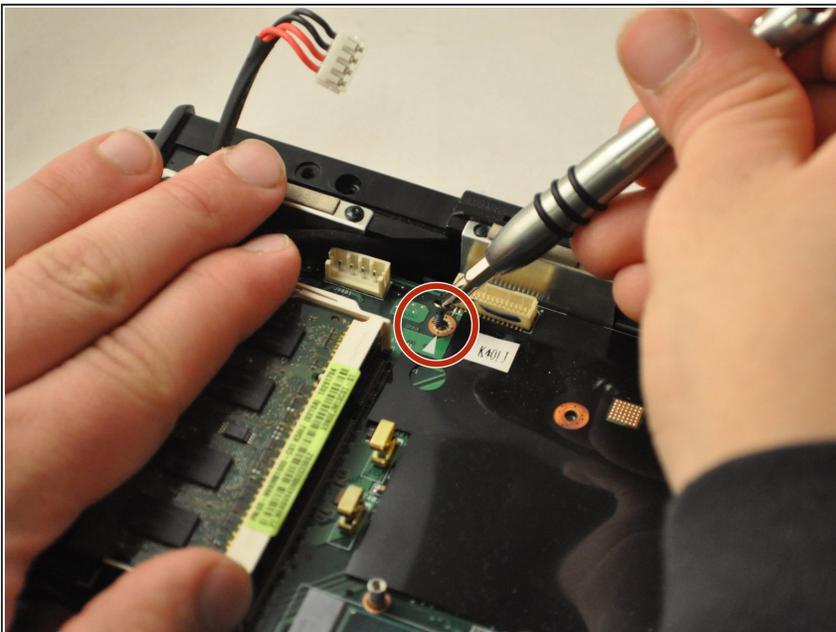
- Unplug the wire and black cables on the motherboard, located in the upper-left corner of the laptop.

Step 25



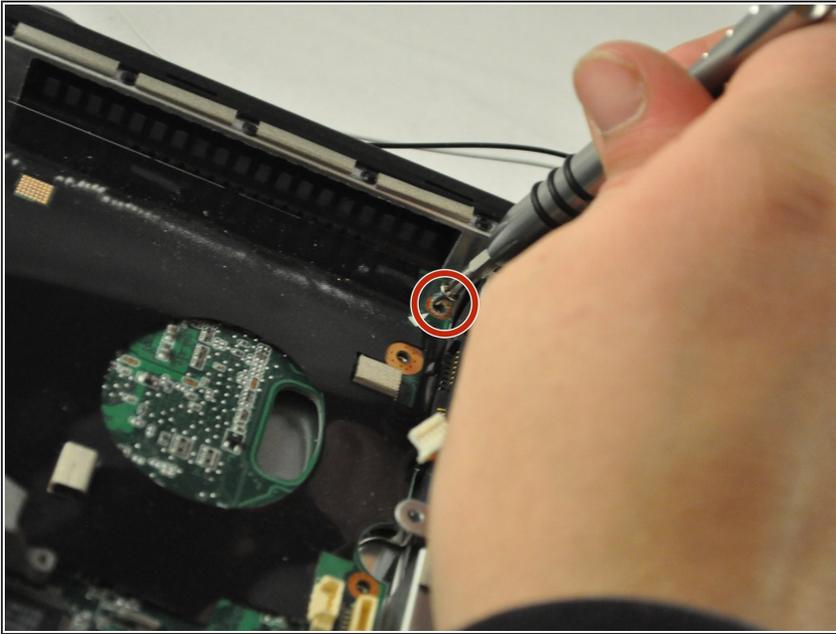
- Using the PH1 screwdriver, unscrew the two .75 mm screws from the top-left corner of the motherboard.

Step 26



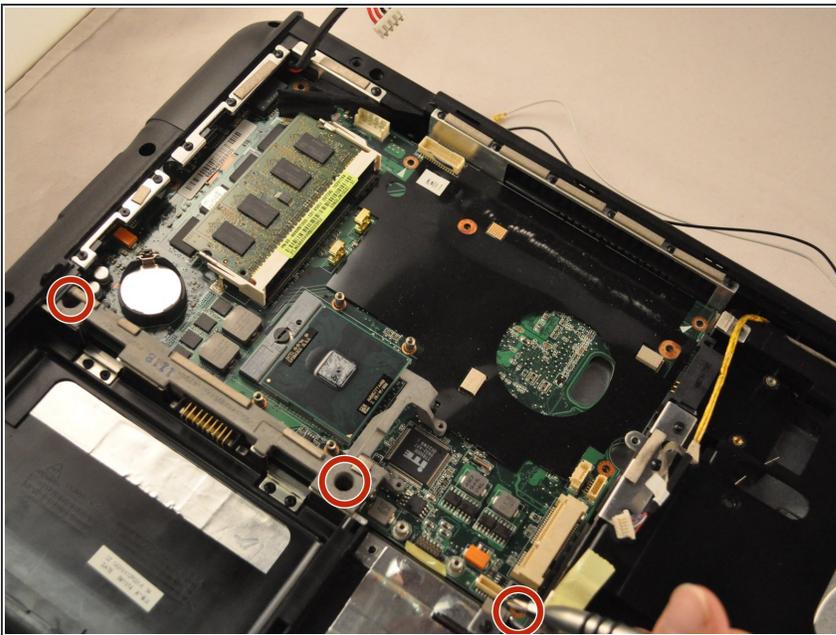
- Using the PH 1 screwdriver, remove the .75 cm screw from the top-middle section of the motherboard.

Step 27



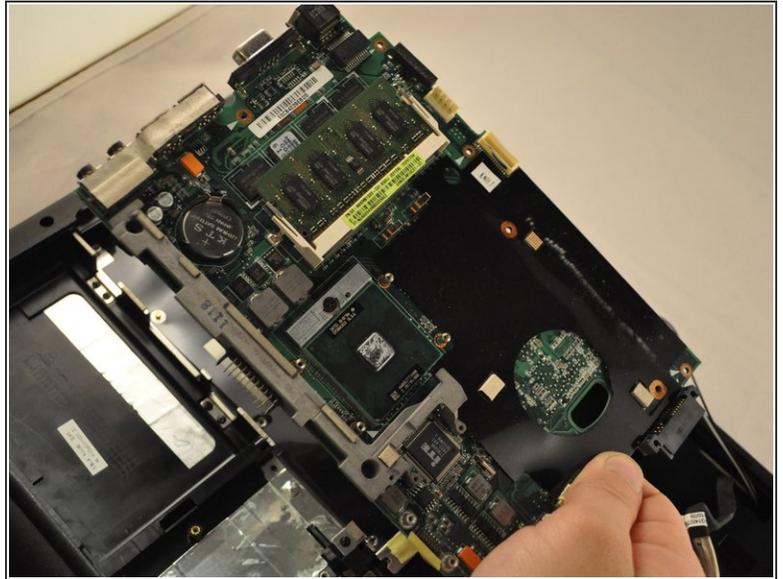
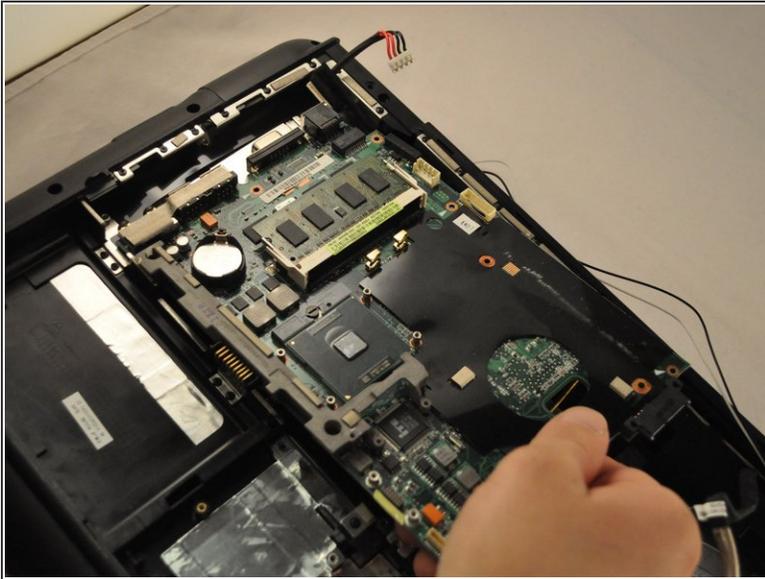
- Using the PH1 screwdriver, remove the .75 mm screw from the top-middle corner of the motherboard.

Step 28



- Using the PH1 screwdriver, remove the three .75 mm screws from the bottom corner of the motherboard.

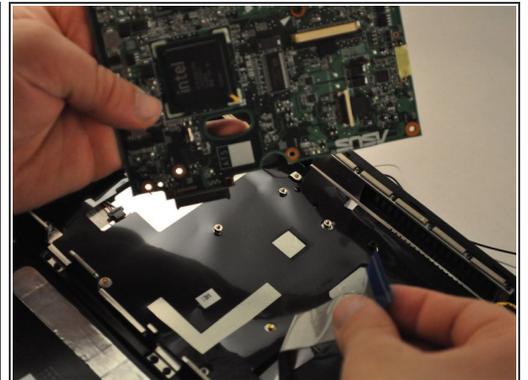
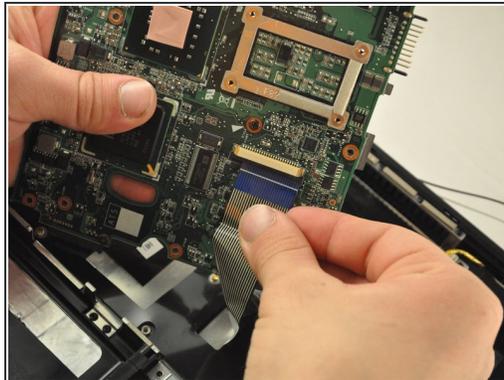
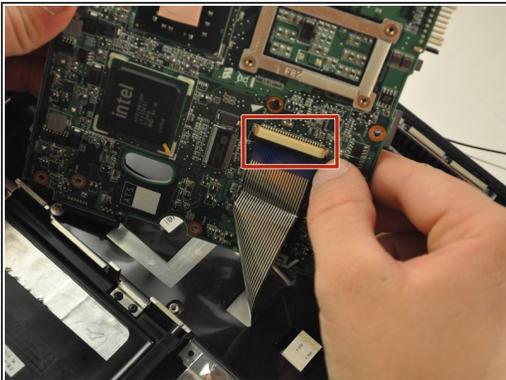
Step 29



 There is a ribbon cable connected to the back of the motherboard. Be careful not to break the ribbon cable.

- Slide the motherboard to the right and lift it up, but do not pull it completely out.

Step 30



- Gently unplug the ribbon cable from the underside of the motherboard.

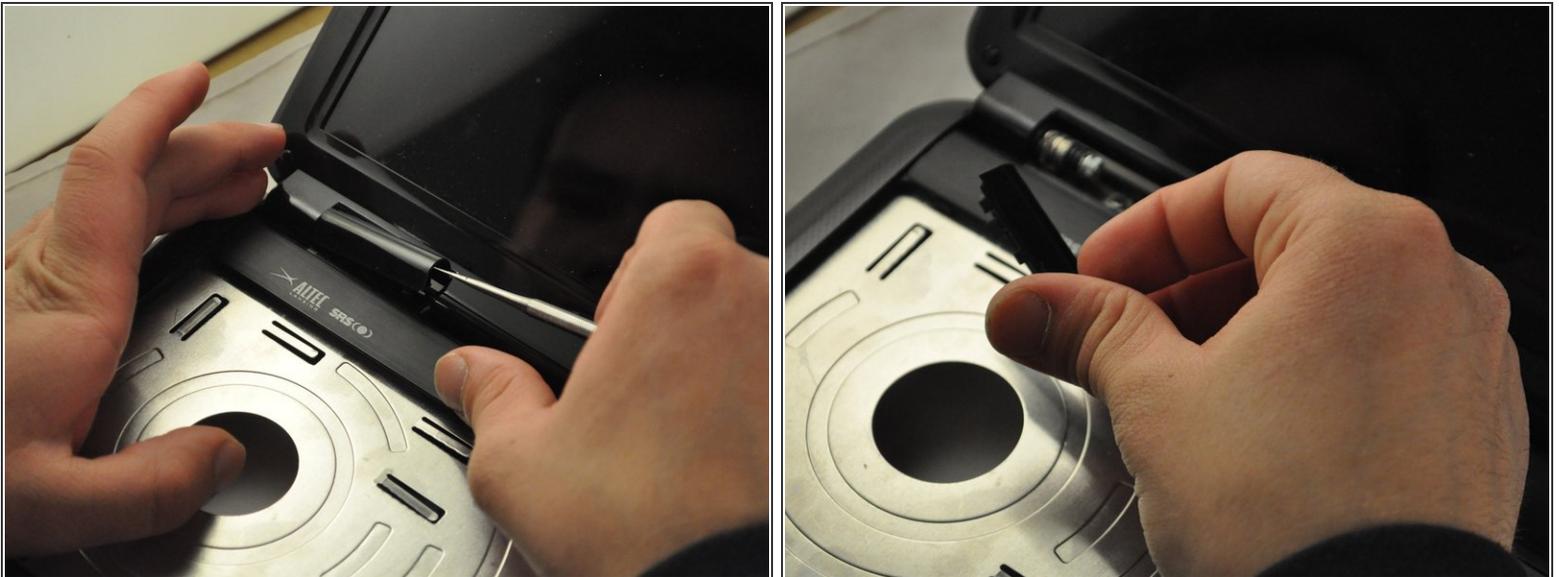
Step 31



⚠ The ribbon cable that was plugged into the motherboard is attached to the keyboard. Be sure not to damage it.

- Use the metal spudger or opening tool across the top edge of the keyboard to pop it out.

Step 32



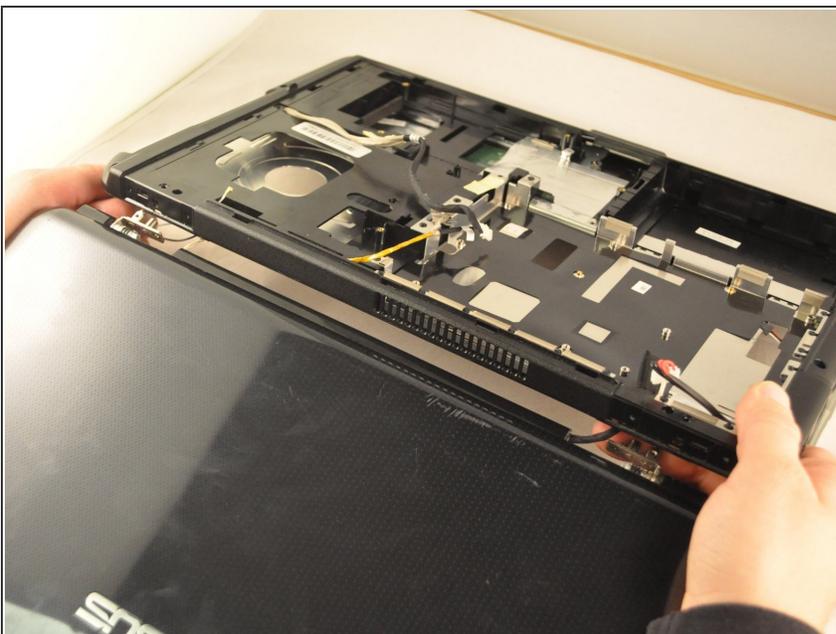
- Use the metal spudger or opening tool to pop out the plastic hinge covers.

Step 33



- Use the PH1 screwdriver to remove the .75 mm screws from the hinges. Each hinge has one screw.

Step 34



- ⚠ Be careful not to damage the cables that are attached to the screen frame. Be sure to pull them through the laptop carefully.
- The screen should separate from the rest of the laptop.

Step 35



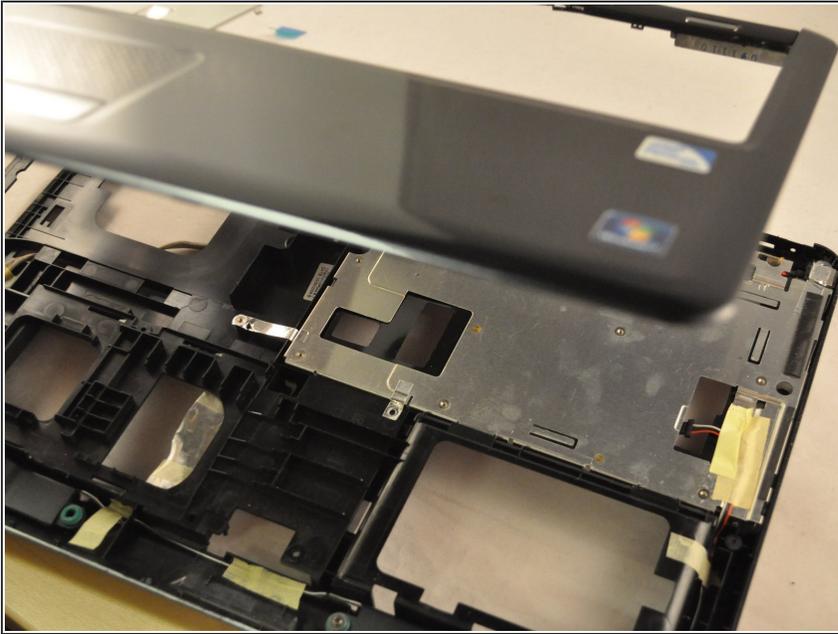
- Using the PH1 screwdriver, remove the .75 mm screw from the bottom-middle section was previously covering.

Step 36



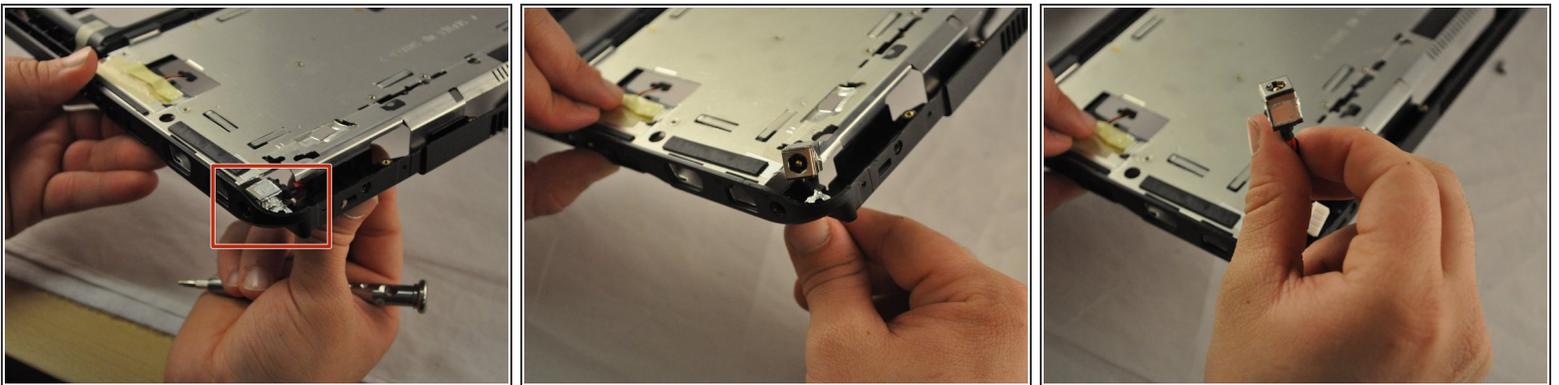
- Using the PH 1 screwdriver, remove the .75 cm screw from the bottom-middle section where the keyboard was previously covering.

Step 37



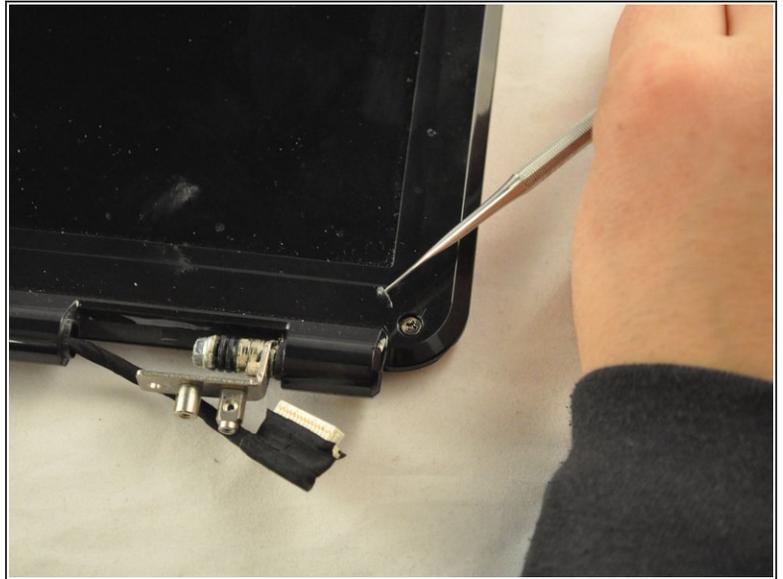
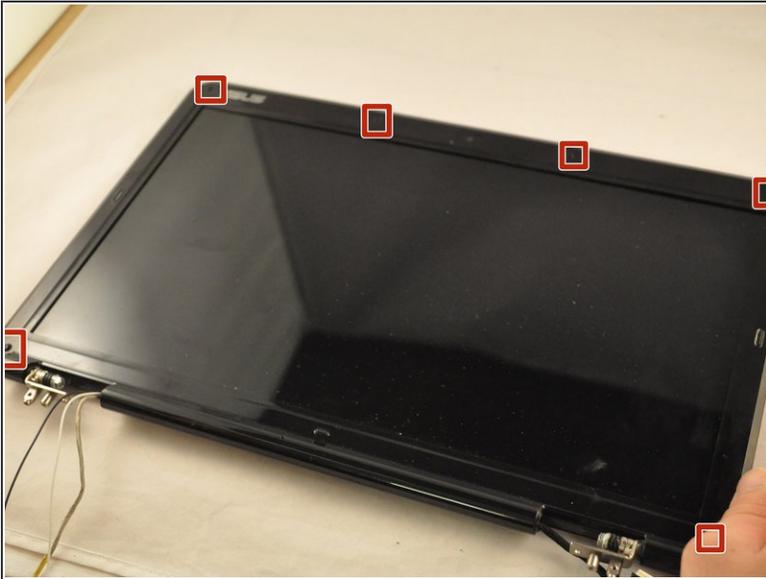
- Lift the front cover off of the laptop.

Step 38



- Flip the laptop back over. The charging port will be located in the top-right corner.

Step 39 — Screen replacement 15.6"



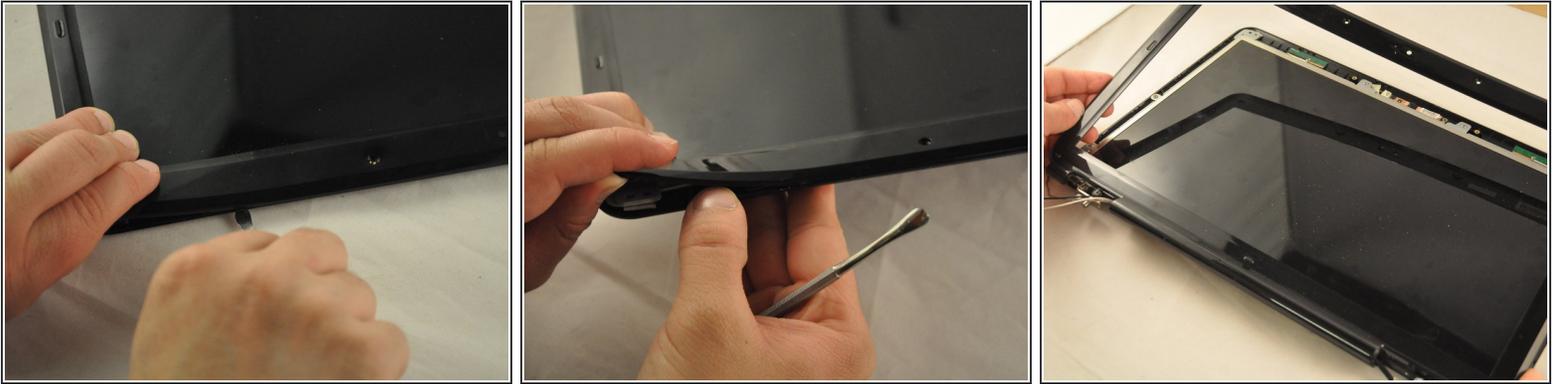
- Using a metal spudger, pop off the six rubber screw covers.

Step 40



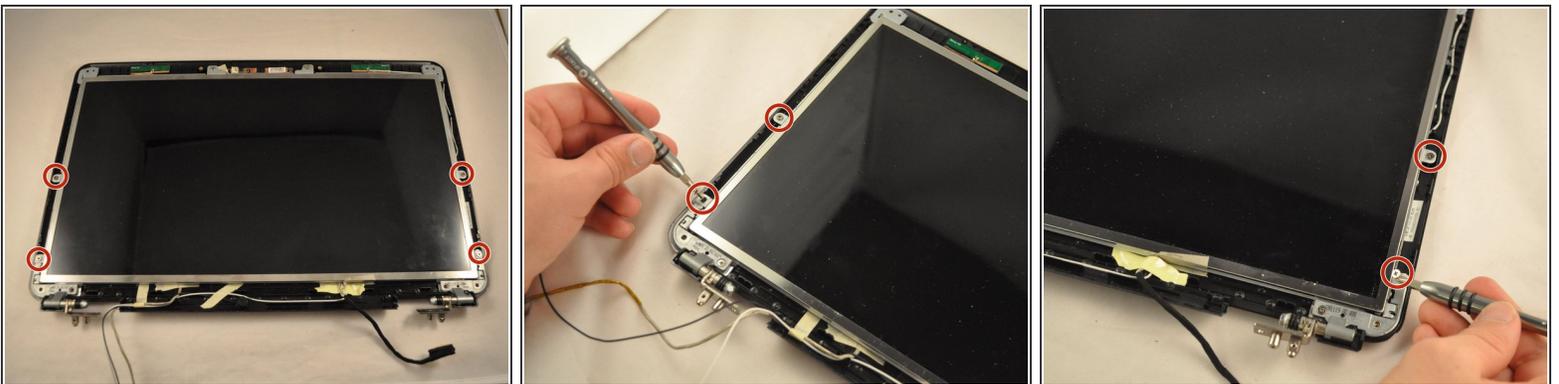
- Using the PH1mm screwdriver, remove the six .75 mm screws from the front of the screen frame.

Step 41



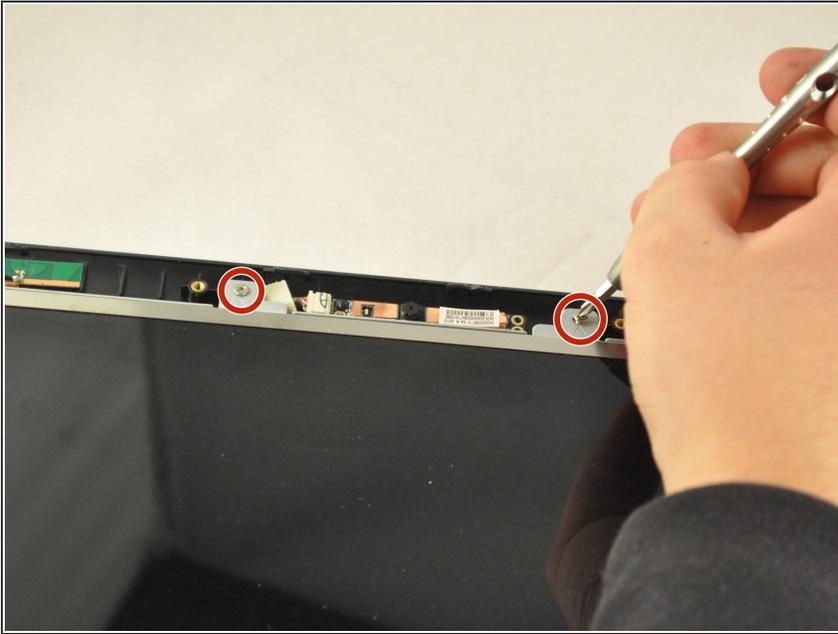
- Use the plastic opening tool or spudger along the edge of the frame, to pry off the frame.

Step 42



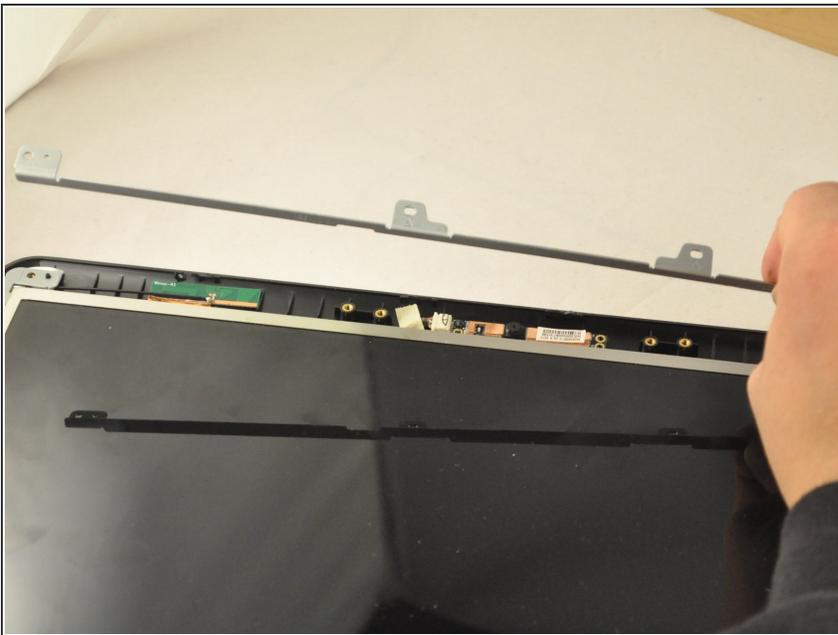
- Using the PH1 screwdriver, remove the four bottom .75 mm screws from the screen frame.

Step 43



- Using the PH1 screwdriver, remove the two .75 cm screws from the top of the screen frame.

Step 44



- Lift the bracket off the top of the screen frame.

Step 45



- Lift the screen should out.

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