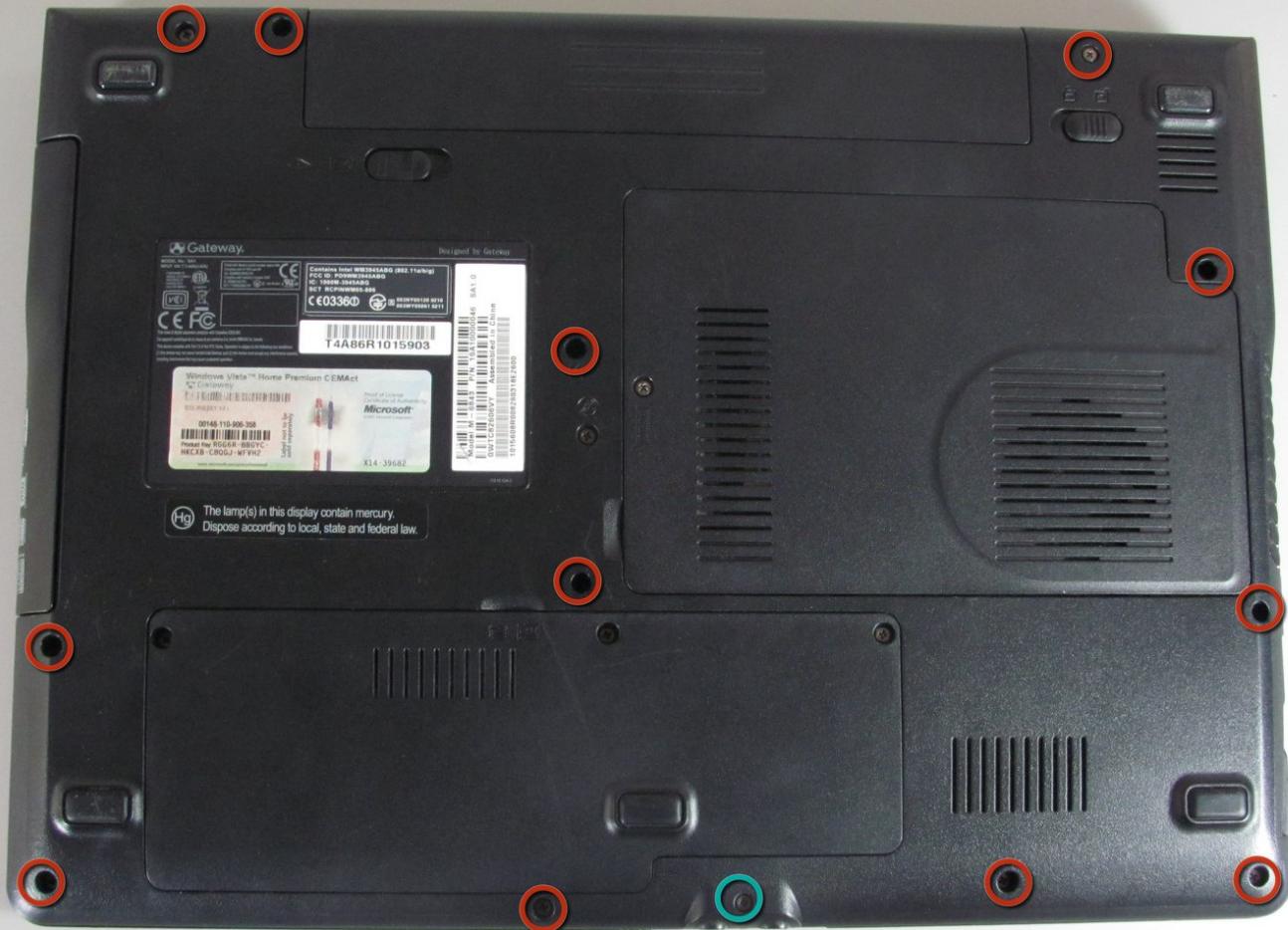




# Gateway SA1 Outer Casing Replacement

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# INTRODUCTION

Procedure for dissembling the outer casing of the laptop safely.

## TOOLS:

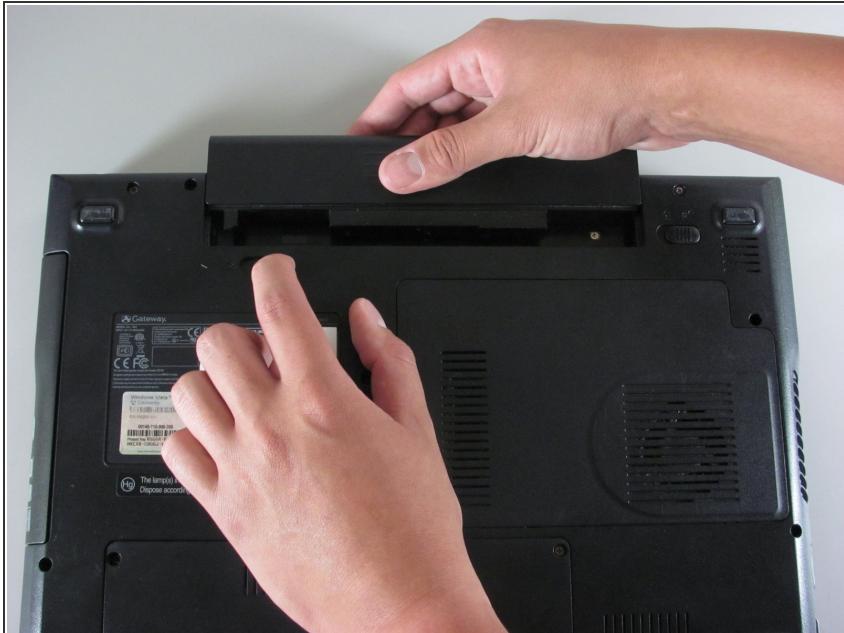
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)

## Step 1 — Battery



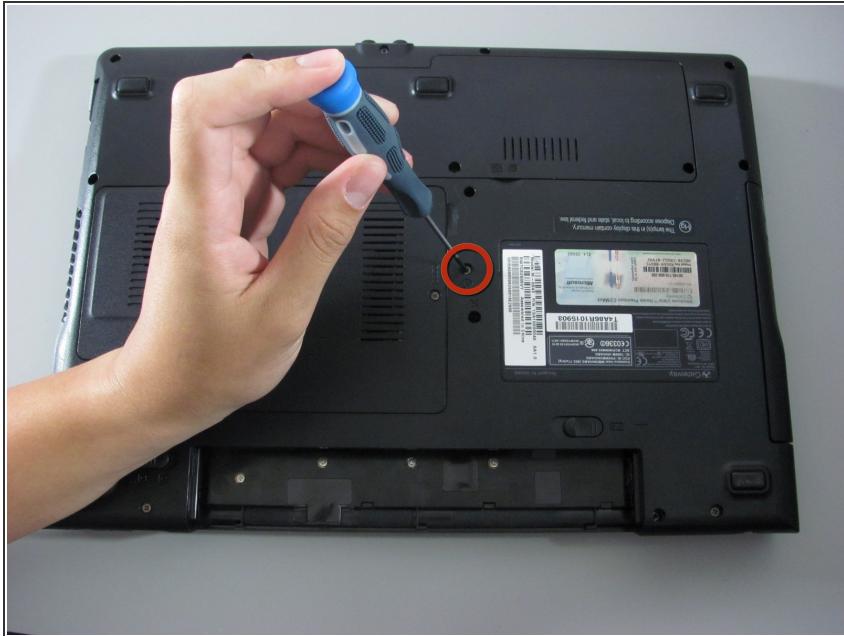
- Move the latch to the right of the battery to unlock.

## Step 2



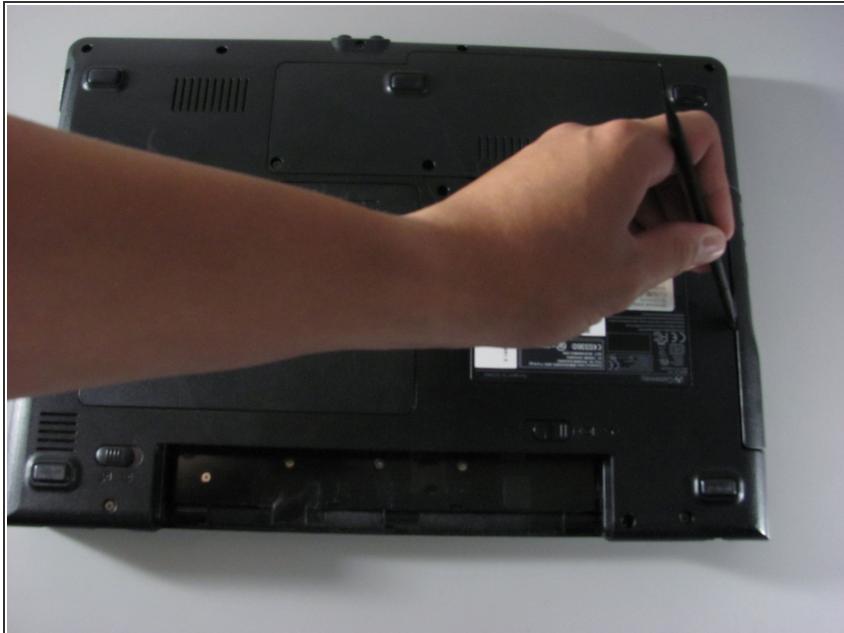
- Slide the latch on the left directly below the battery to unlock and pull out the battery as shown.
- *i* The latch must be held in position to remove the battery.

## Step 3 — Disk Drive



- Unscrew the marked 5.9 mm Philips screw.

## Step 4



- Use the spudger to pry out the Disk drive.

## Step 5



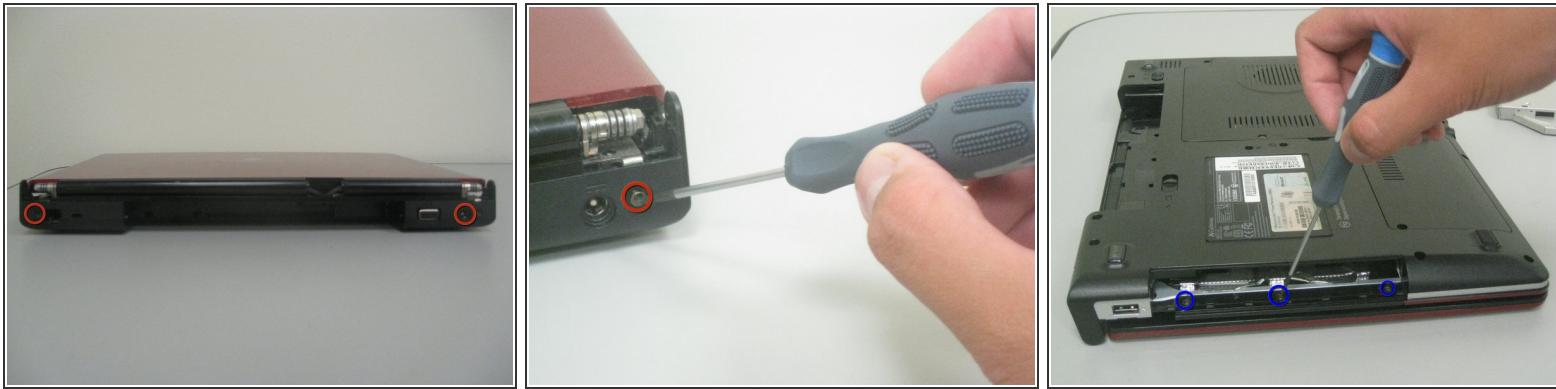
- The disk drive should easily detach and can now be replaced.

## Step 6 — Outer Casing



- Remove the twelve 5.9 mm Philips screws from the back cover.
- Remove one 8.8 mm Philips screw from the back cover.

## Step 7



- Unscrew the two 5.9 mm Philips screws located on the the side closest to the battery.
- Unscrew the three 3.6 mm Philips screws that are within the Disk drive port.

## Step 8



- Remove the hinge covers by lifting each with the sharp point of the spudger.
- *(i)* Notice that the middle cover has a different shape and is more difficult to remove.

## Step 9



⚠ There will be a connection underneath the speaker cover.

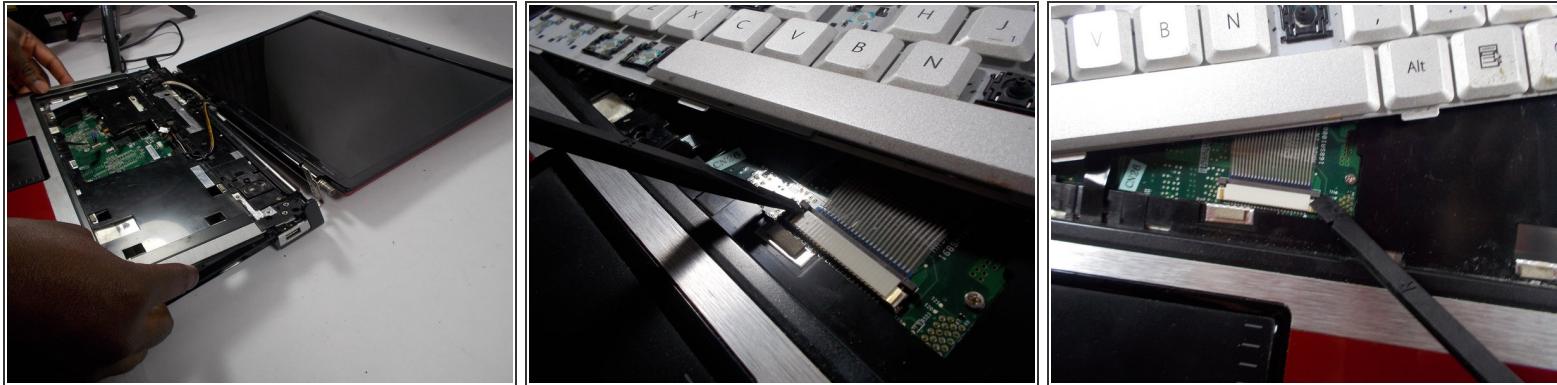
- Remove the speaker cover using the spudger.

## Step 10



- Unscrew the two 3.9 mm Philips screws and remove the keyboard.

## Step 11



! Carefully lift the keyboard off from the laptop. It is still attached as shown.

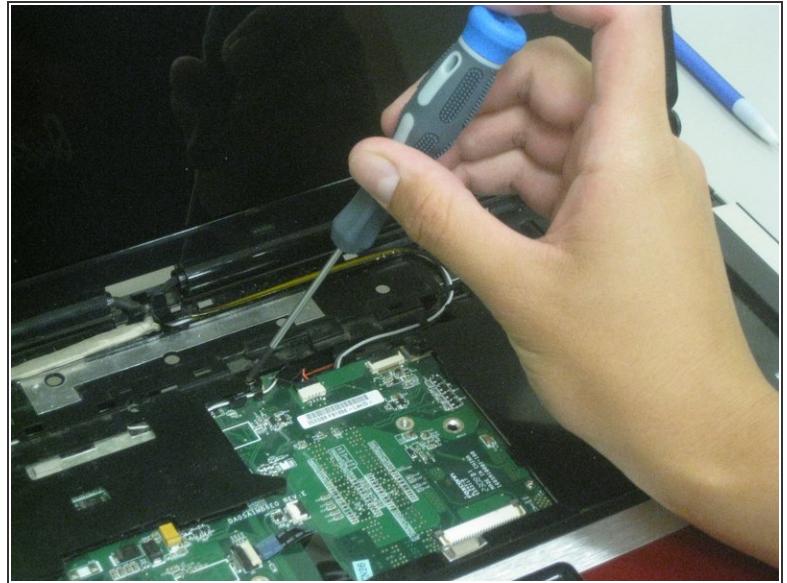
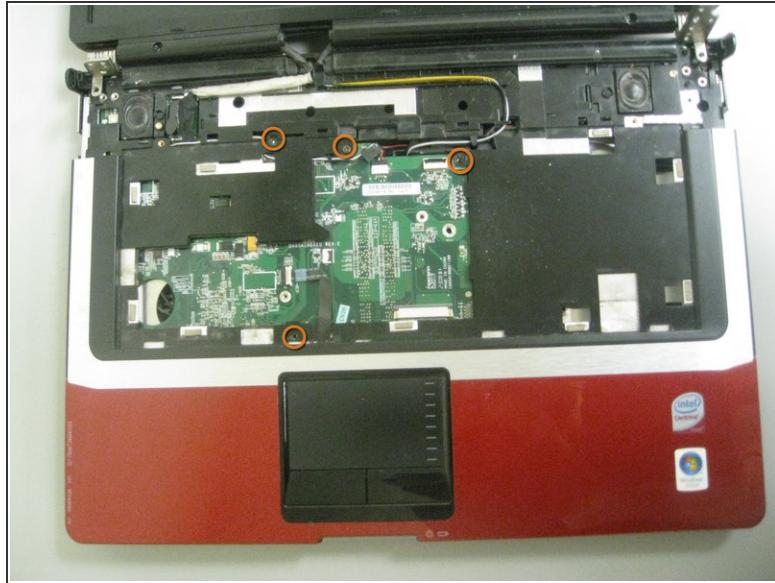
- Using the spudger, detach the connector by pushing two tabs away from the white connector and then gently pulling the connector away.
- i The brown colored component with the tabs does not come out with the connector.

## Step 12



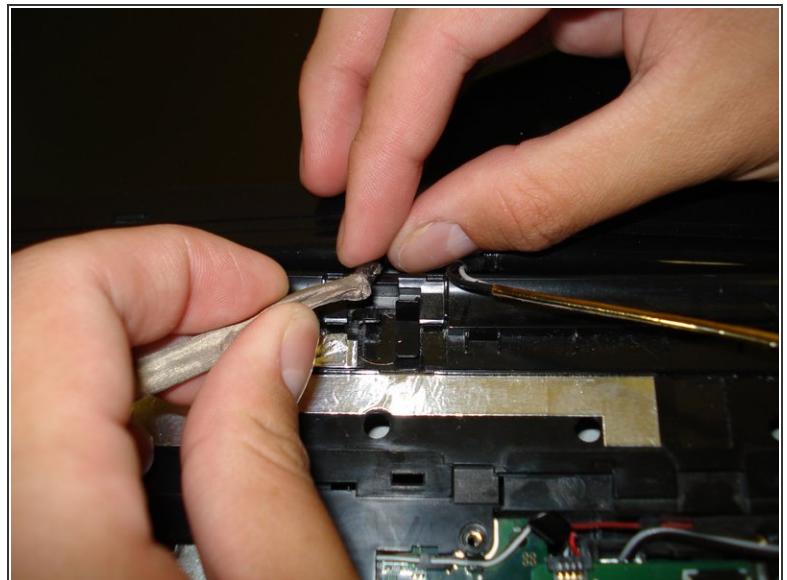
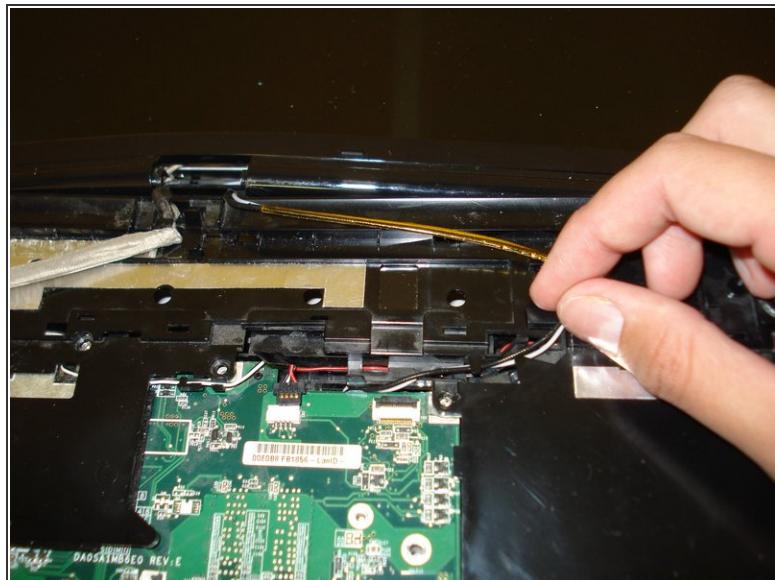
- Lift up the black tab and gently pull out the connector.

## Step 13



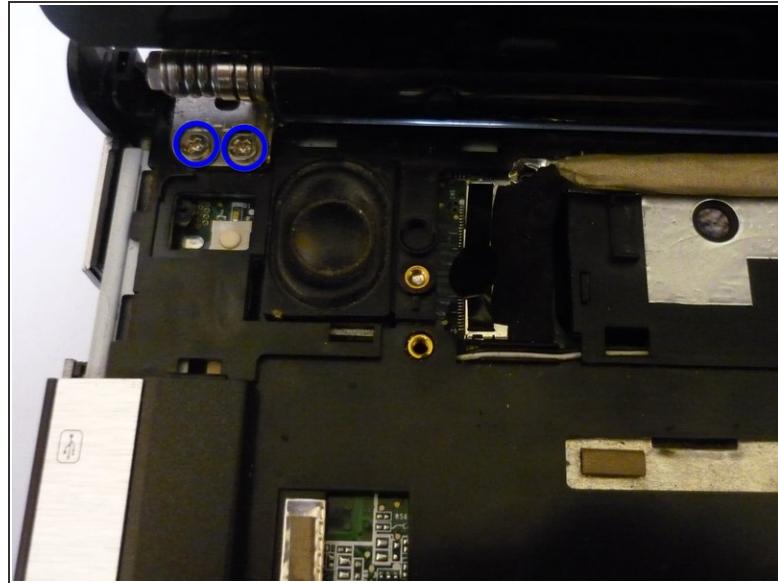
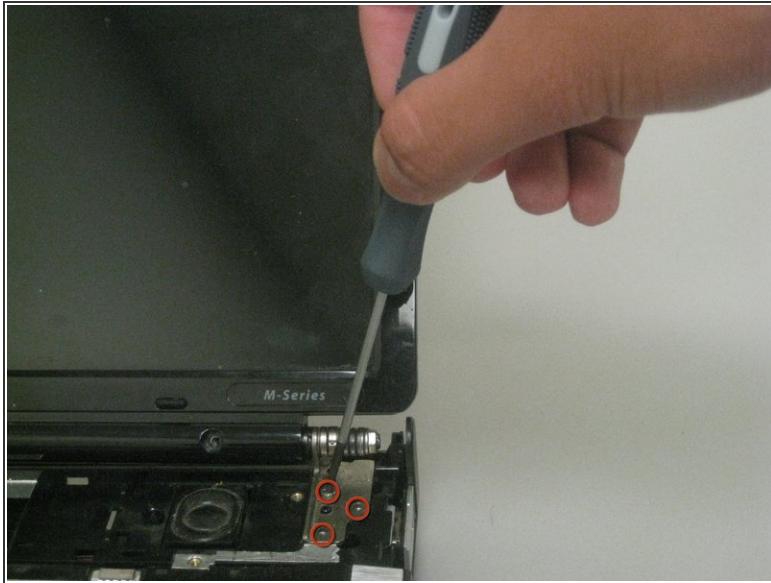
- Unscrew the four marked 5.9 mm Philips screws.

## Step 14



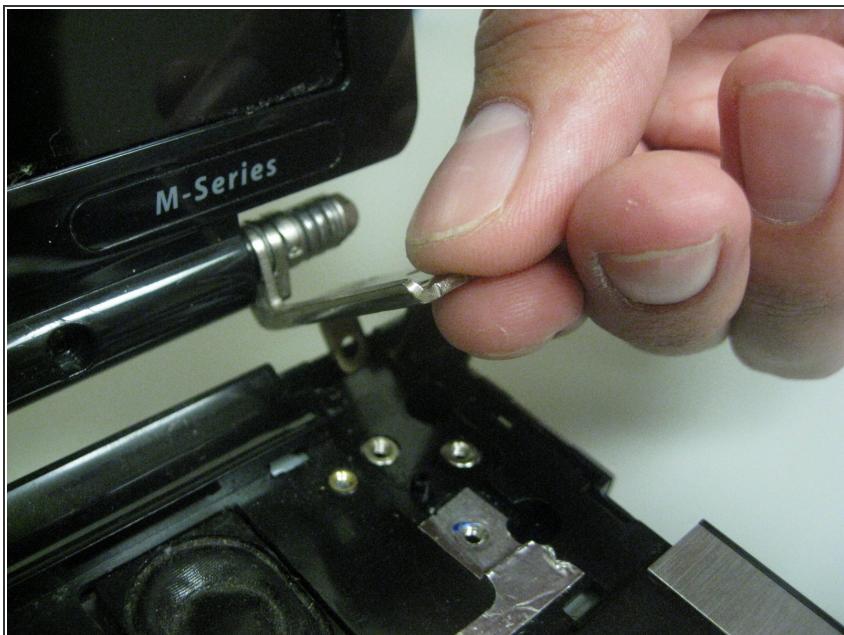
- Move the wires out of the fixed space as shown.

## Step 15



- Unscrew the five marked 3.8 mm Philips screws.
  - Three screws are located on the right side of the screen.
  - Two screws are located on the left side of the screen.

## Step 16



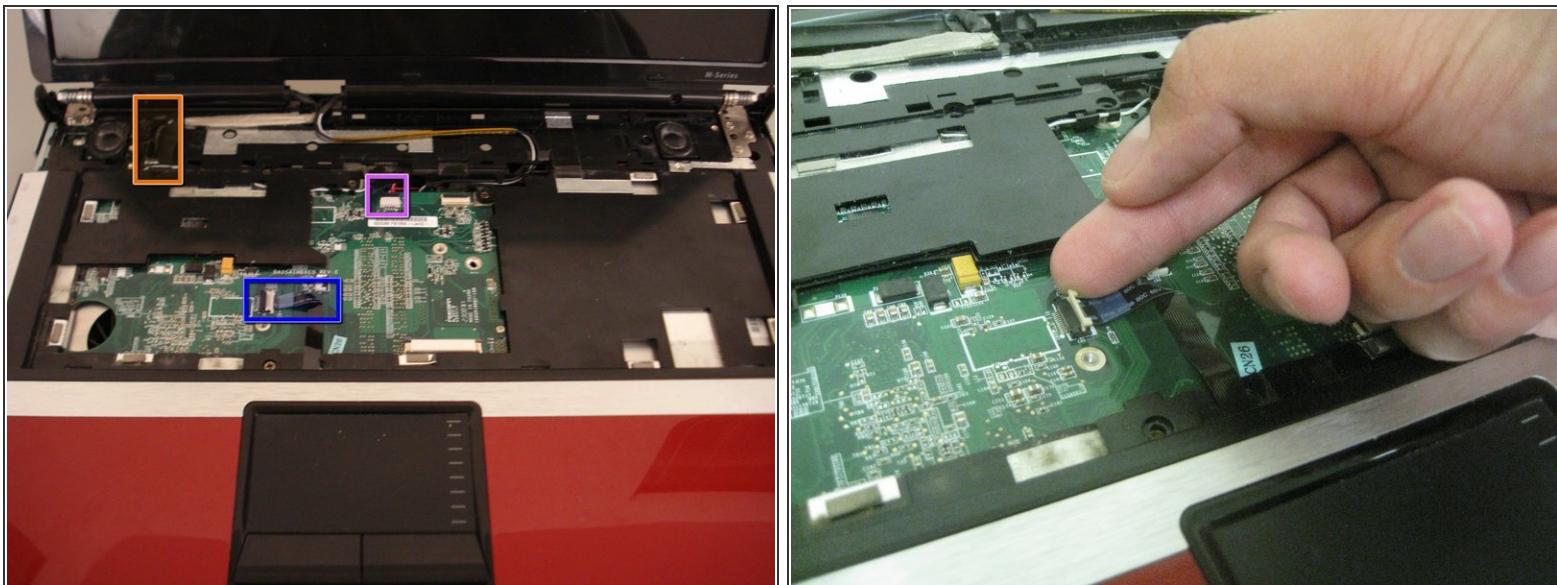
- Remove the screen brackets from the computer's base.

## Step 17



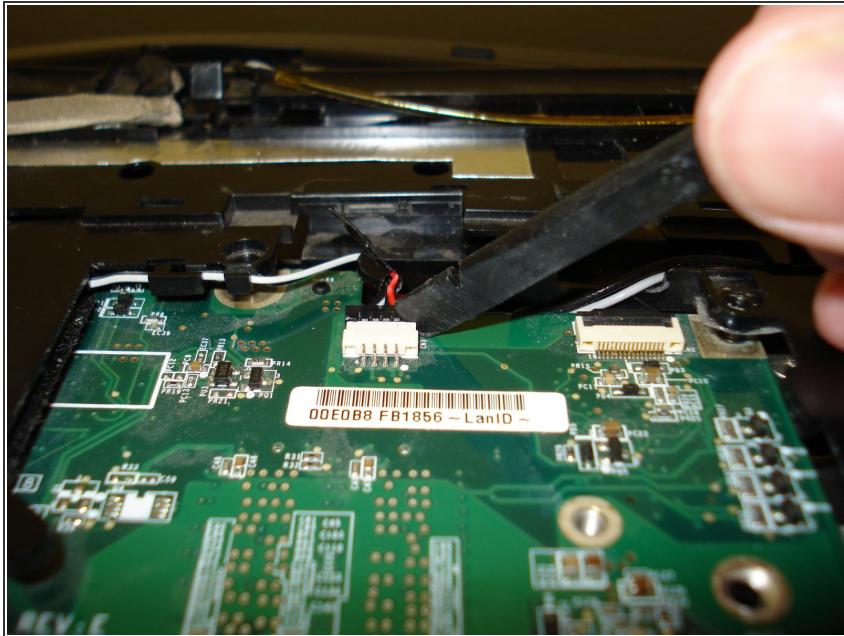
- Remove the four 5.9 mm Philips screws as indicated:
  - There is one somewhat hidden screw on the left side under the screen hinge, and one to the right of the (left)speaker, right/top side of the video port on mobo.
  - There are two similarly positioned screws on the right side.

## Step 18



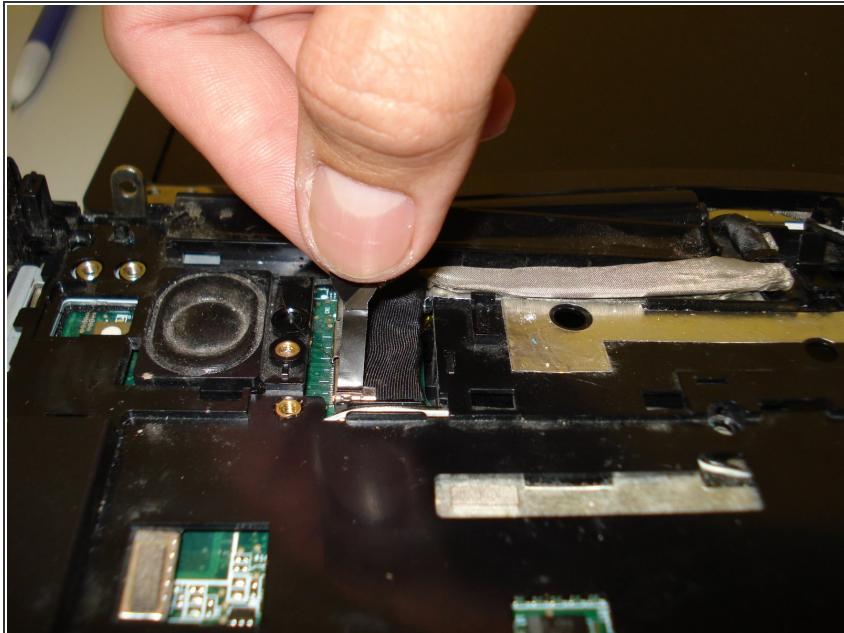
- The following steps (18 - 20) explain how to remove the three indicated connections.
- The order is Blue, Violet, Orange.
- Lift the white tab up and gently take out the connector.

## Step 19



- Use the spudger to pull off the black attachment.

## Step 20



- Lift and pull the black tab upward until it becomes unattached.

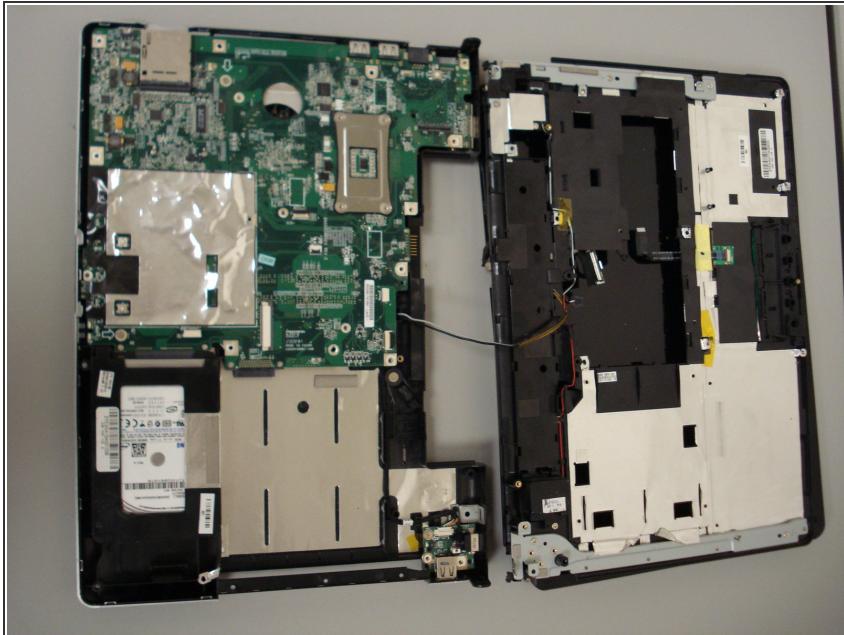
**i** Some force may be required.

## Step 21



- Use the spudger to remove the casing as seen in the picture.
- *(i)* Some force may be required.

## Step 22



- Remove the casing.

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