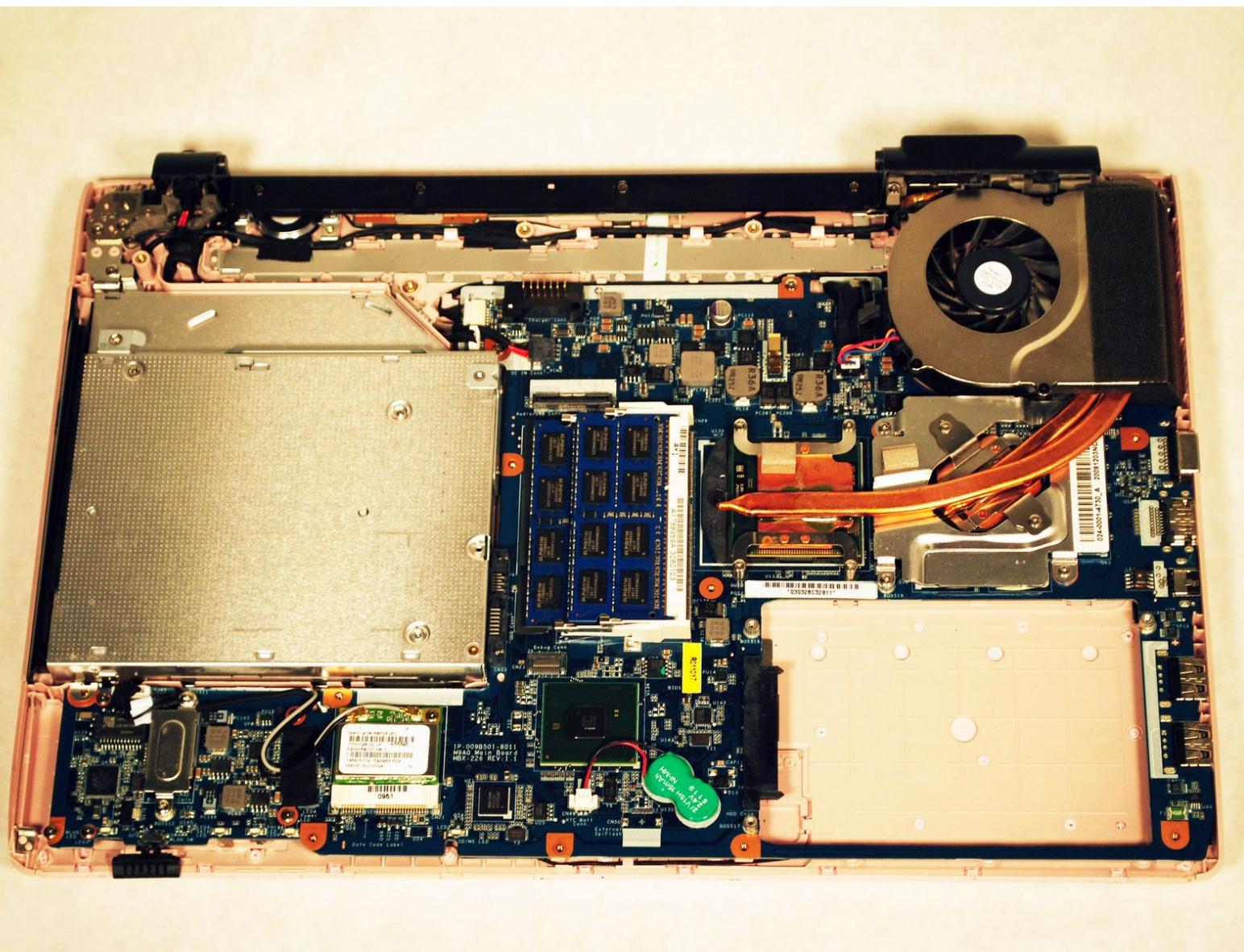




Sony Vaio VPCW21FX Fan Replacement

This easy to follow replacement guide is helpful if your fan is making a funny noise or overheating.

Written By: Summer



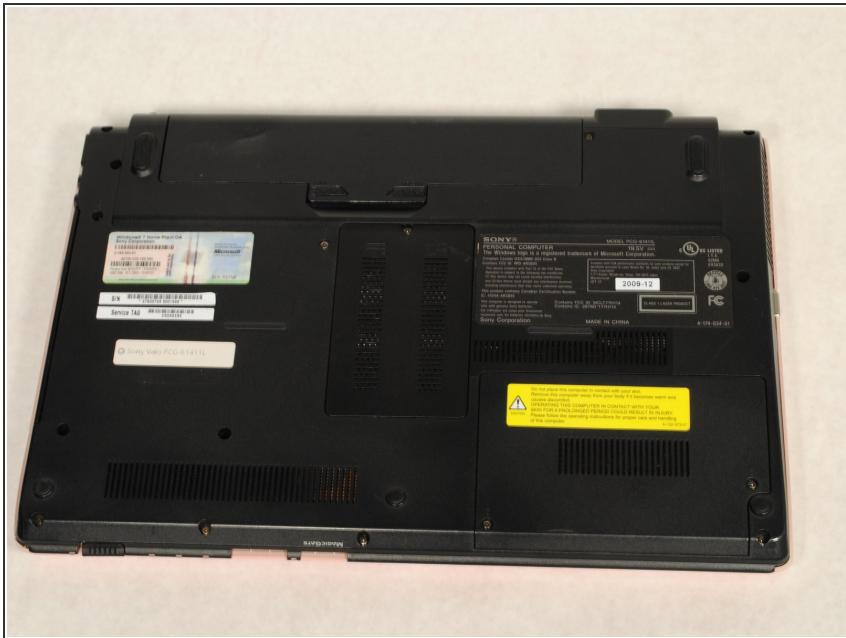
INTRODUCTION

This easy to follow replacement guide is helpful if your fan is making a funny noise or overheating.

TOOLS:

- Phillips #0 Screwdriver (1)

Step 1 — Battery



 Make sure your device is powered off and unplugged to avoid electric shock.

- Place your device upside down with the bottom panel facing upwards.
- Orient the device so the battery is away from you as shown

Step 2



- Unlock the battery by sliding the lock switch to the right.
- Locate the release latch. Slide the latch to the left to remove the battery from your laptop.

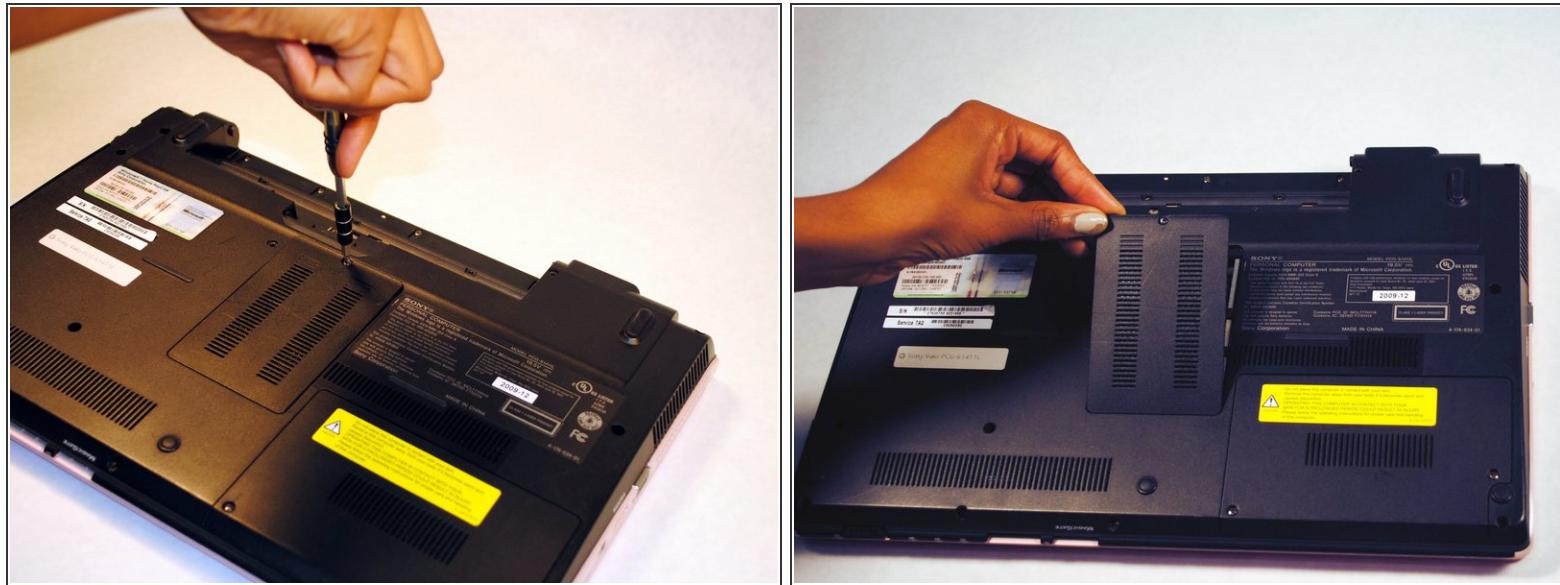
 Be sure to lift up on the battery while you slide the latch to the left.

Step 3



- Remove the battery from your laptop.

Step 4 — Headphone Jack



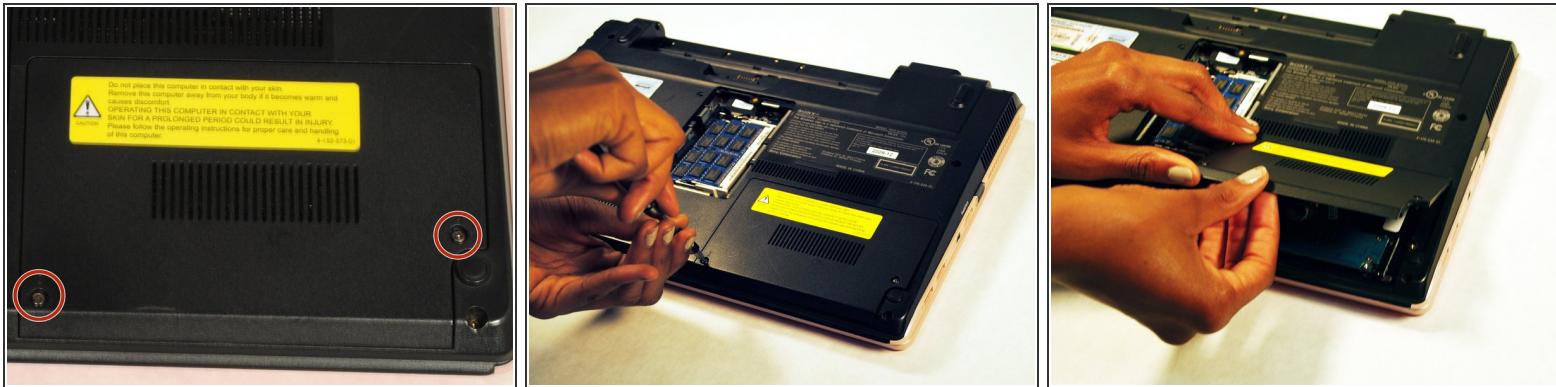
- Place the laptop upside down with the bottom panel facing upwards.
- Locate the screw that holds the small panel covering your laptop's Ram. This panel should be in the dead center of your laptop.
- Unscrew the screw and remove the panel.

Step 5



- Before you move away from where your RAM is located, be sure to unplug the wire labeled To MB. If you do not unplug this, the back panel you are trying to remove will not come off.

Step 6



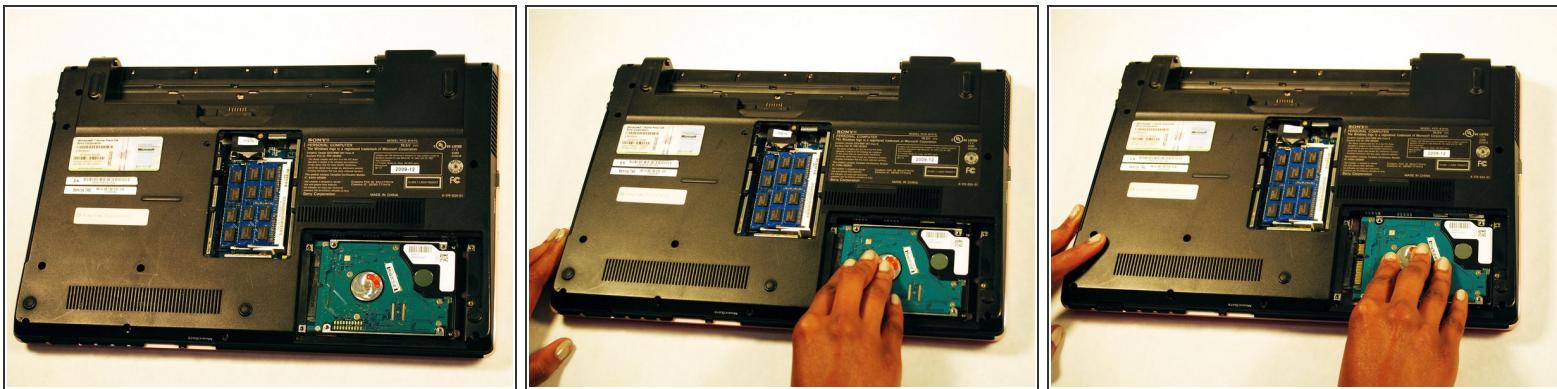
- Next, locate the panel covering your laptop's hard drive. This panel should be located on the lower right hand side of your laptop.
- Unscrew the cover on the hard drive.
- Remove the hard drive cover.

Step 7



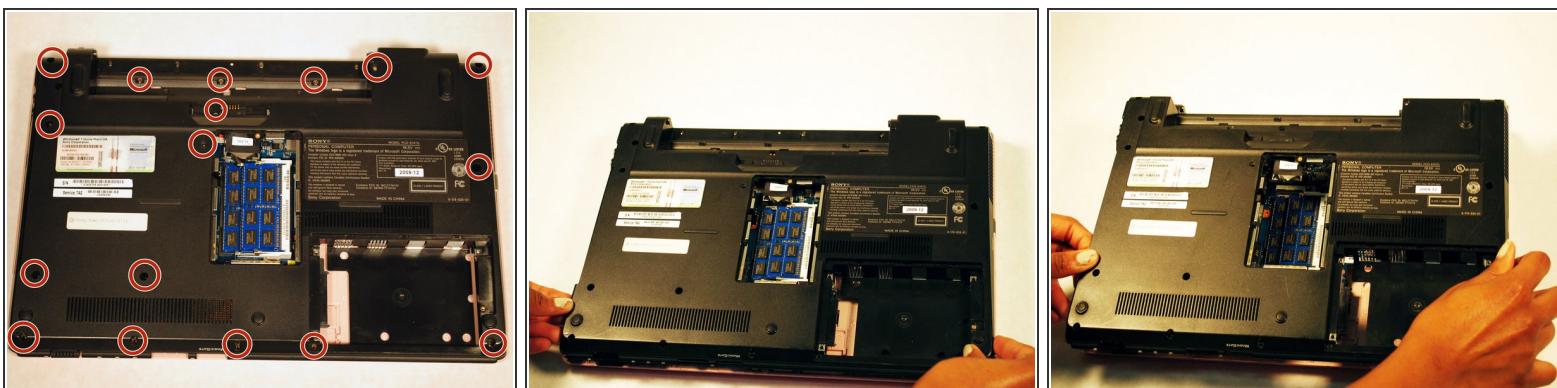
- Remove screws.
- Remove screws and remove panel.

Step 8



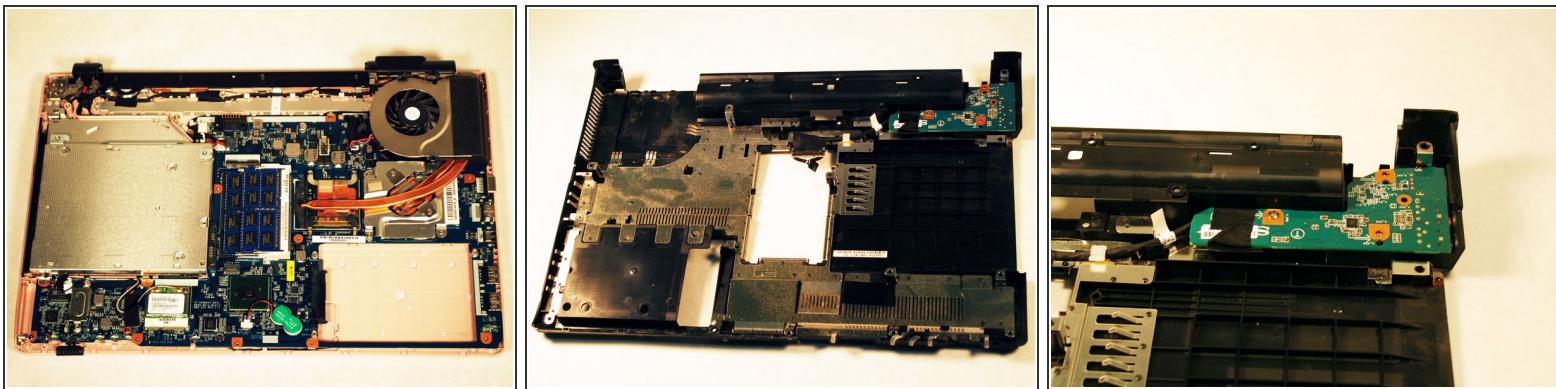
- Remove the hard drive by gently pressing down on it and sliding it to the right.
- ★ Remember to have a clean work space to place the parts you take off your laptop. It'd be embarrassing to forget to reassemble a part or have a screw or two left over.

Step 9



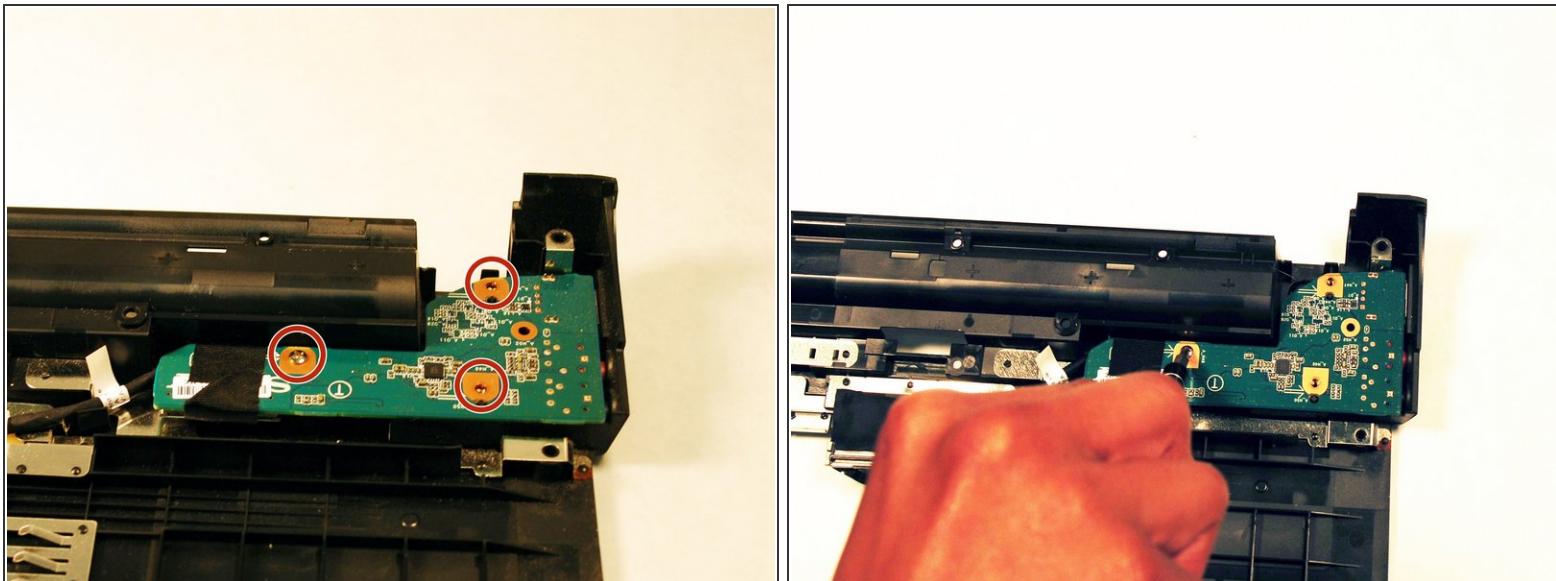
- Remove the screws holding the rest of the outside panel down.
- Gently lift the panel up to remove it once all the screws have been removed.

Step 10



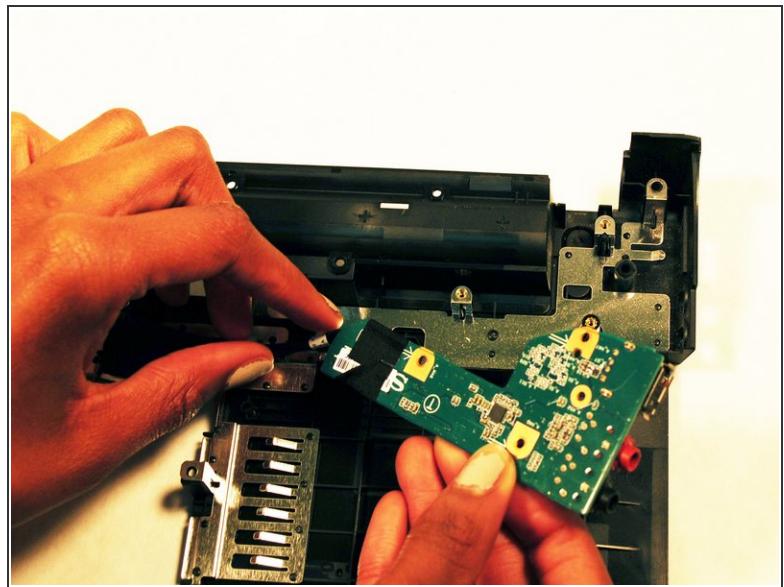
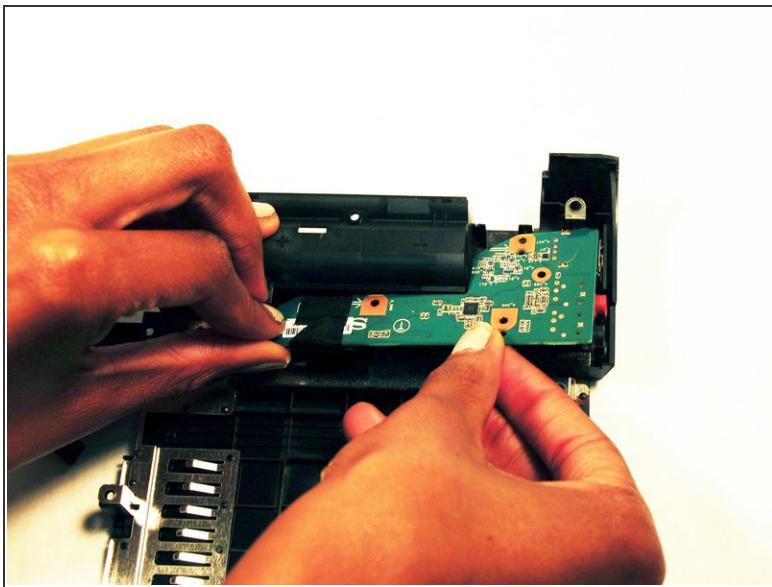
- Once the back panel has been removed, set the rest of your laptop to the side and place the panel you just removed in front of you.
- Locate the headphone jack, which will be in the top right hand corner of the panel. The headphone jack board is a bright green, you can't miss it.

Step 11



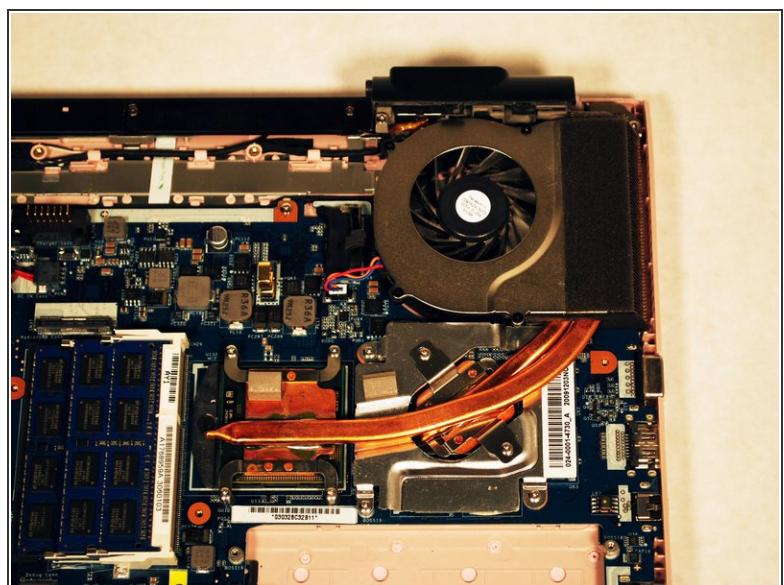
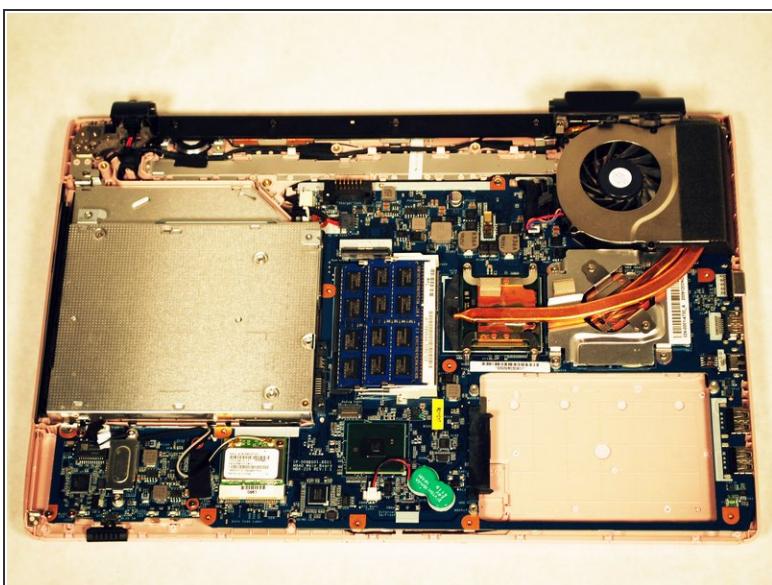
- Remove the screws holding the headphone jack board down.

Step 12



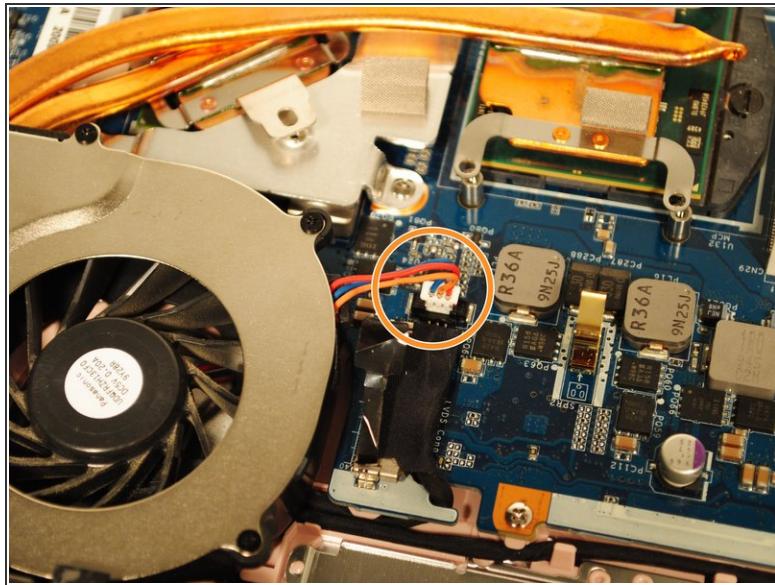
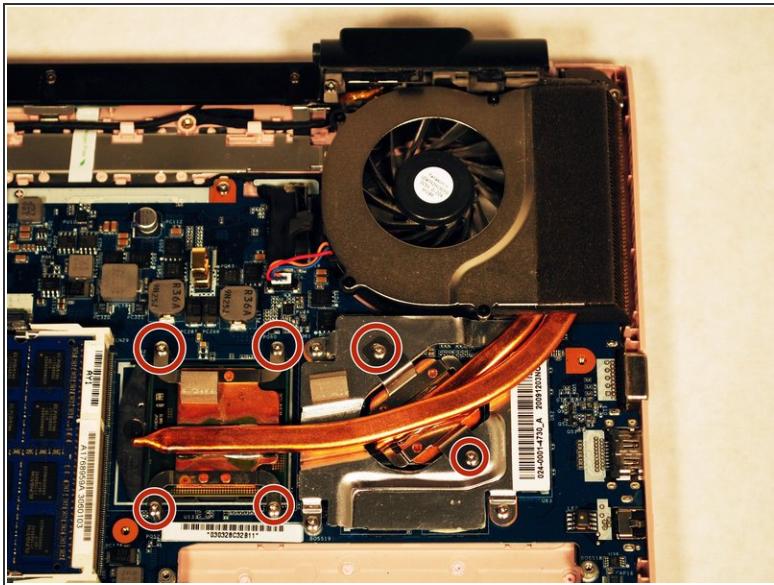
- Gently pull the board to remove it.

Step 13 — Fan



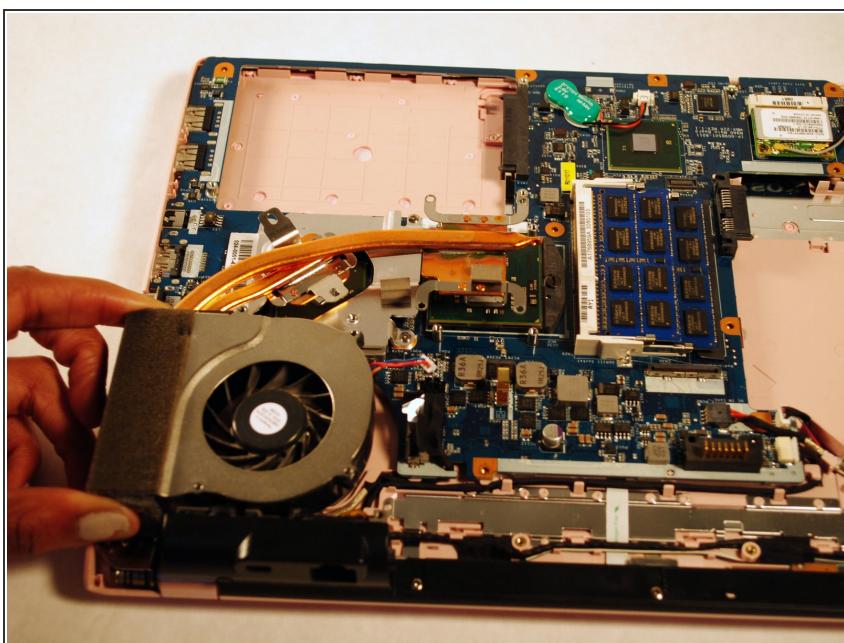
- Locate the fan on the top right hand corner of your laptop.

Step 14



- Remove screws.
- Unplug the wires connecting the fan and the motherboard.

Step 15



- Gently pick up the fan to remove it.

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