



Dell Vostro 1400 Speakers Replacement

This guide will show you the proper steps to...

Written By: David Hogg



INTRODUCTION

This guide will show you the proper steps to replace your speakers in your Dell Vostro 1400 Laptop.

Computer speakers allow any audio played to be transmitted out loud without the use of headphones. Speakers that are not functional will produce either distorted sound or no sound at all.

Before using this guide, make sure to remove the hard drive, the battery, and the RAM.

Before beginning, make sure the device is powered off and disconnected from any power source.

TOOLS:

JIS Driver Set (1)


J0

iFixit Opening Tool (1)

3 mm Flat Head Screwdriver (1)

Step 1 — Battery



 Be sure the power is off and all cables are unplugged from the device before starting.

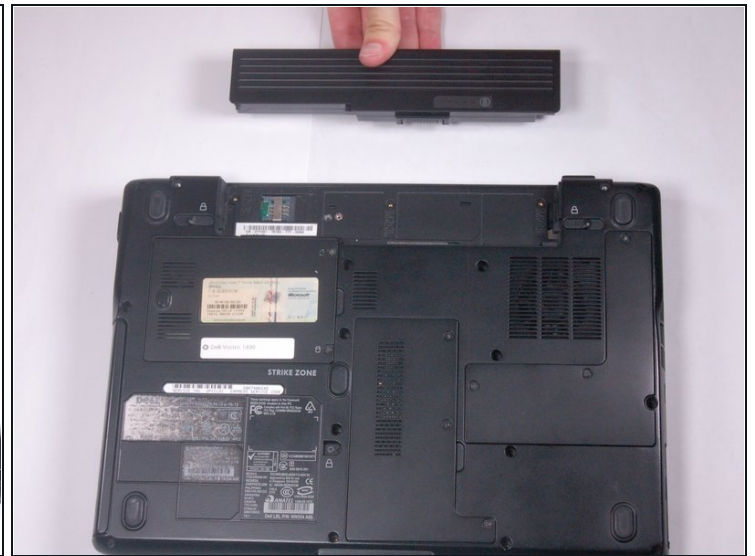
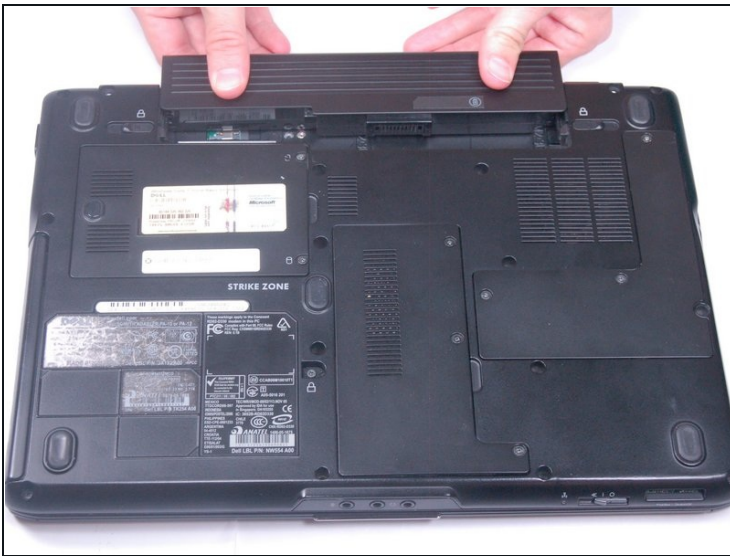
- After flipping over the laptop, the battery is on the bottom side of the laptop.
- Find the tabs on both the left and right side of the battery.

Step 2



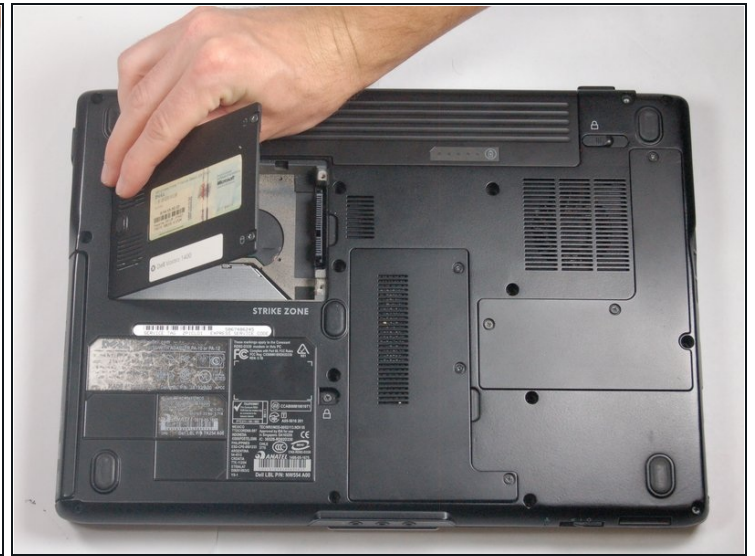
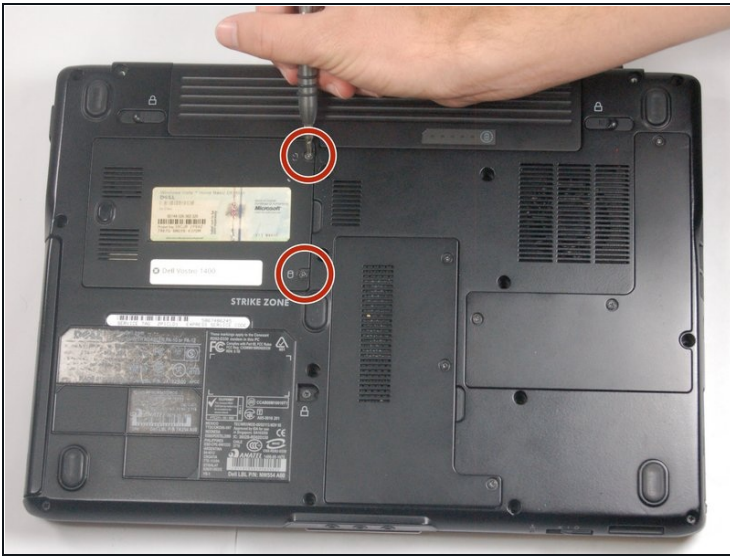
- Push tabs toward the outside of the laptop until they lock in place.

Step 3



- Push the battery forward to eject it from the laptop.

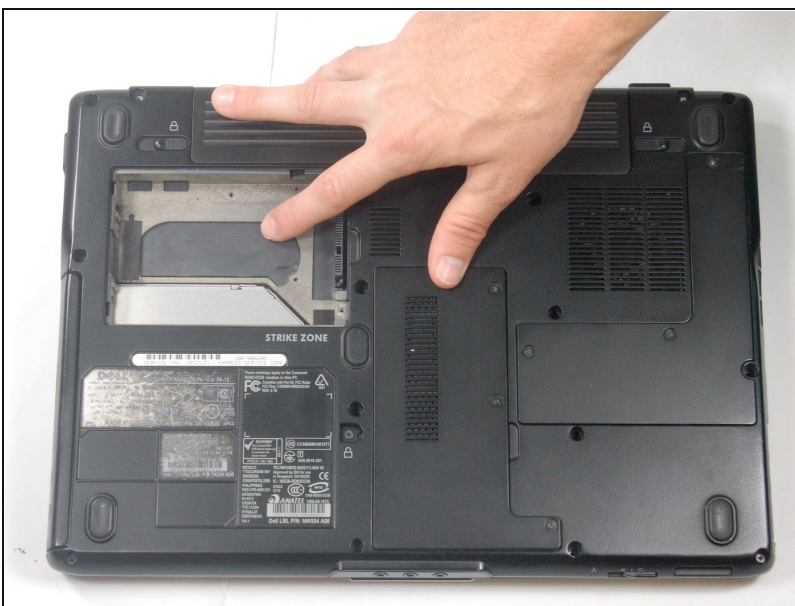
Step 4 — Hard Drive



⚠ Please ensure that your device is turned off and everything is unplugged before working on it.

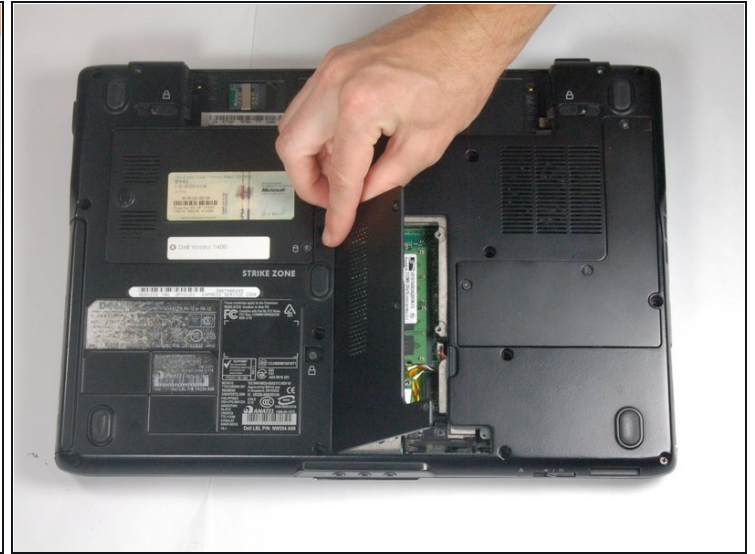
- Unscrew both screws on the hard drive panel until the panel is able to be removed.
- ⓘ The screws will not come off of the panel.
- Once screws have been loosened, remove the panel from the laptop.

Step 5



- Remove the hard drive by pulling up on the black tab on the right side of the hard drive.

Step 6 — RAM



⚠ Make sure the laptop is turned off and all cables are unplugged.

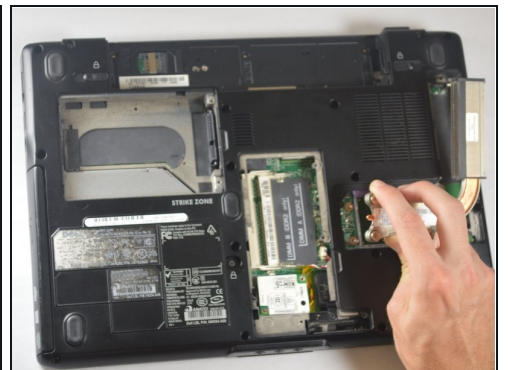
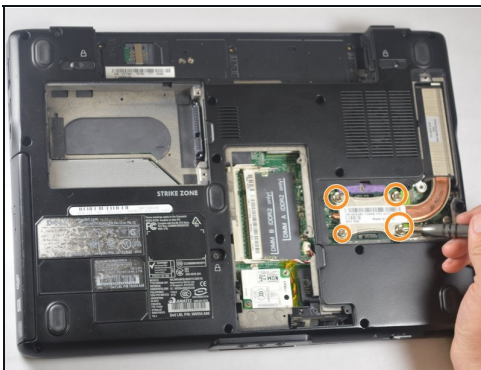
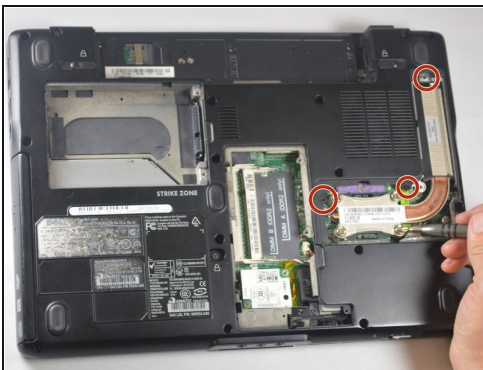
- Loosen the three 3 mm screws on the RAM cover.
- ① Screws will not completely come out.
- Lift the cover and remove it from the laptop.

Step 7



- Pull tabs apart on both the top and bottom of the memory card.
- Lift memory card and remove it from the laptop.
- Repeat the process for the second memory card.

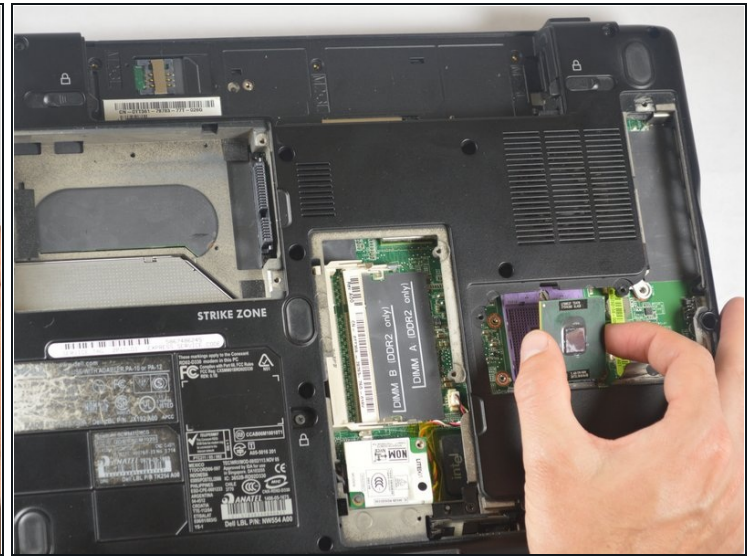
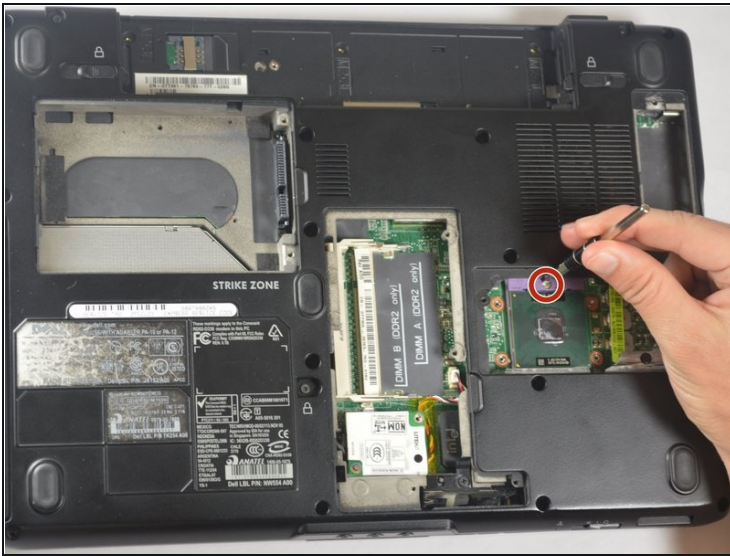
Step 8 — Speakers



⚠ Make sure device is turned off

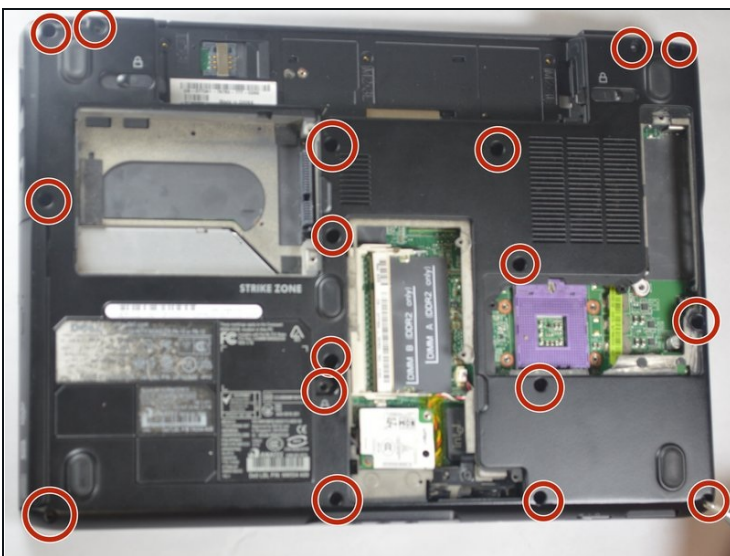
- Loosen the 3 screws holding down the panel for the CPU processor door.
- Loosen the 4 heat sink screws and lift the heat sink away from the motherboard.

Step 9



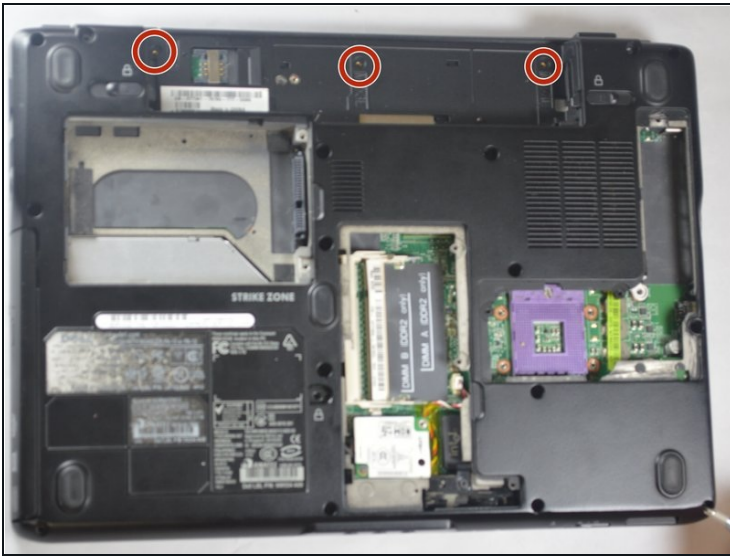
- Use a flat head screw driver to turn the CPU locking screw counter clockwise to 180 degrees.
- Lift CPU processor away from the motherboard

Step 10



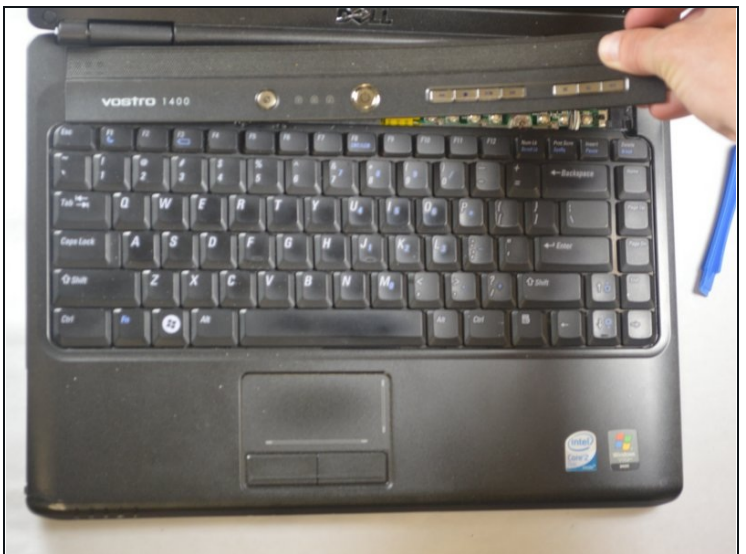
- Remove the seventeen 8mm bottom base screws.
- Remove the two 8mm screws from the back.

Step 11



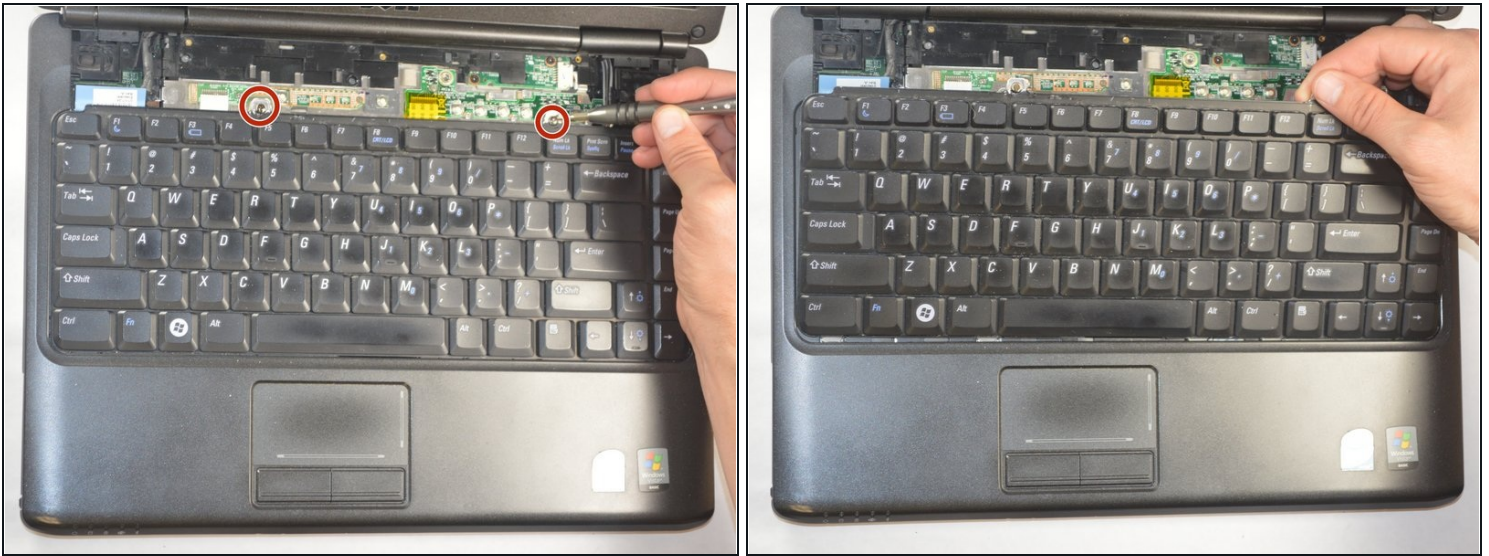
- Remove the three 3mm bottom base screws.
- Remove the 5mm bottom base screw.

Step 12



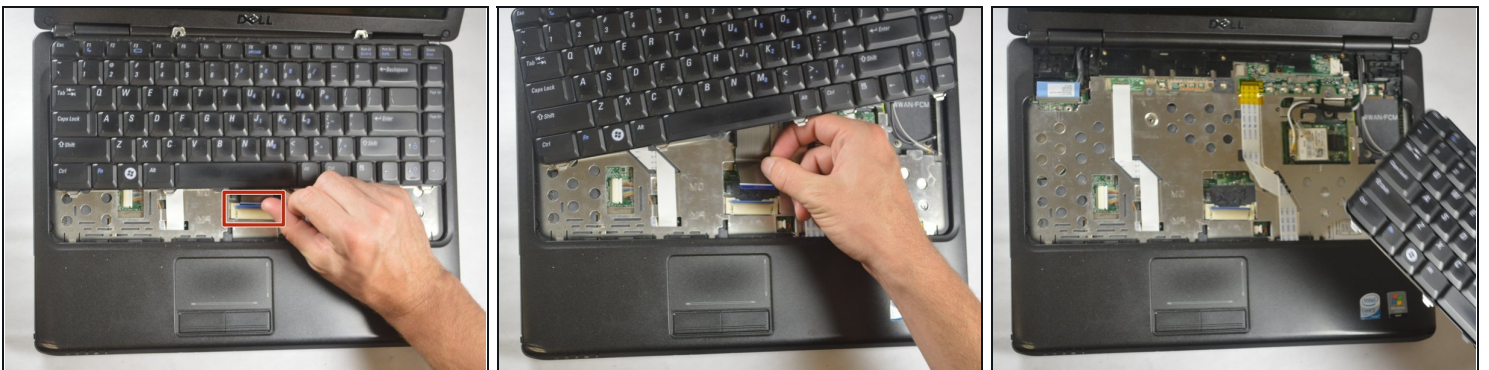
- Turn over the laptop and open it.
- Using a flat head screw driver, pry up the power button cover starting right to left.

Step 13



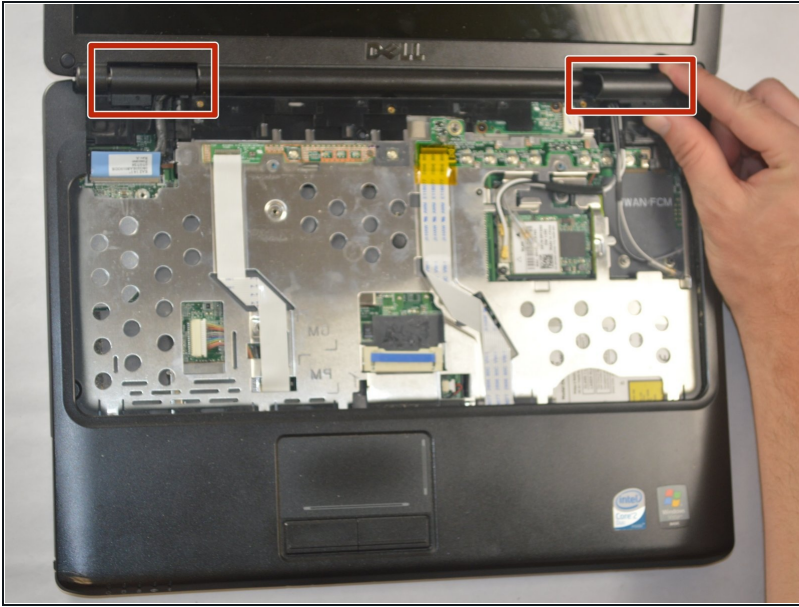
- Unscrew the (2) 2mm x 3mm screws.
- Carefully lift the keyboard and hold it over the power button.

Step 14



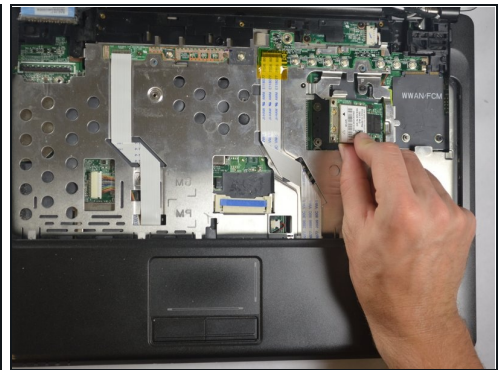
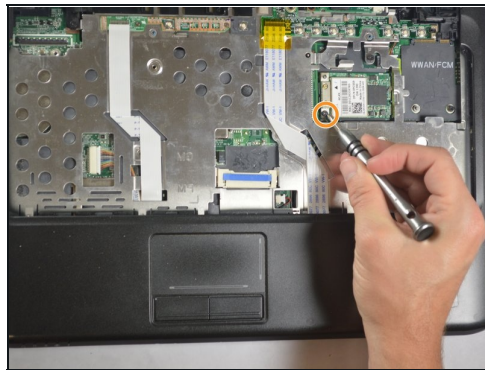
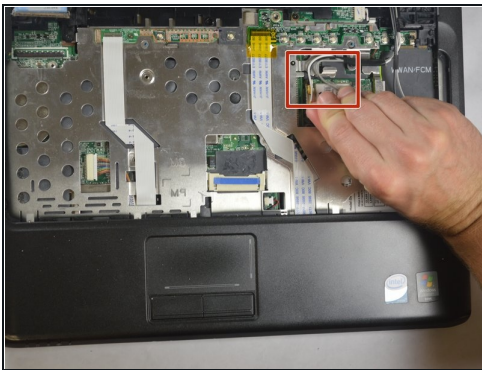
- Carefully lift up the blue latch on the keyboard cable connector and slide the cable out.

Step 15



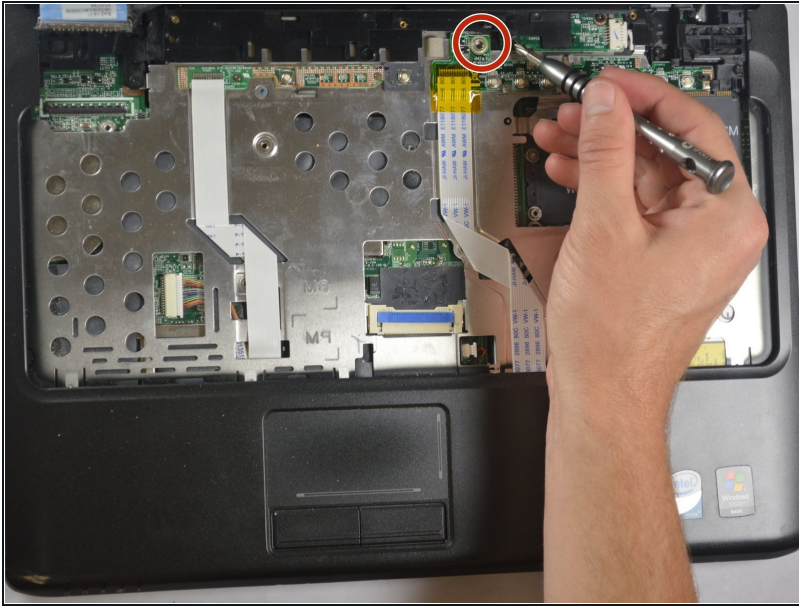
- Remove the left and the right hinge covers.

Step 16



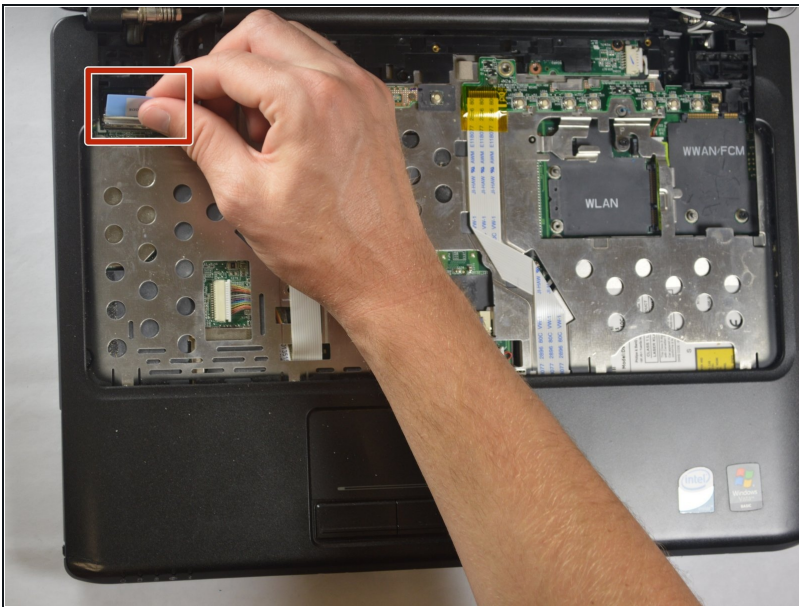
- Unplug the WLAN antenna cables.
- Unscrew the 2mm x 3mm screw.
- Remove the WLAN card from the motherboard.

Step 17



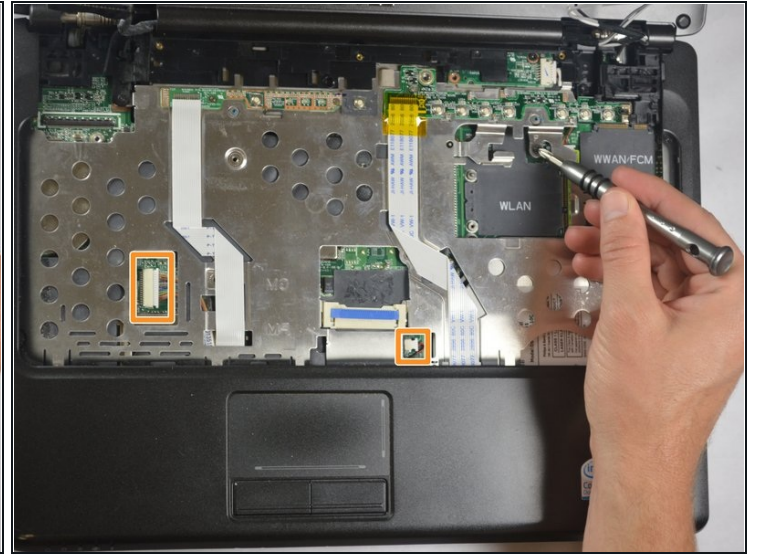
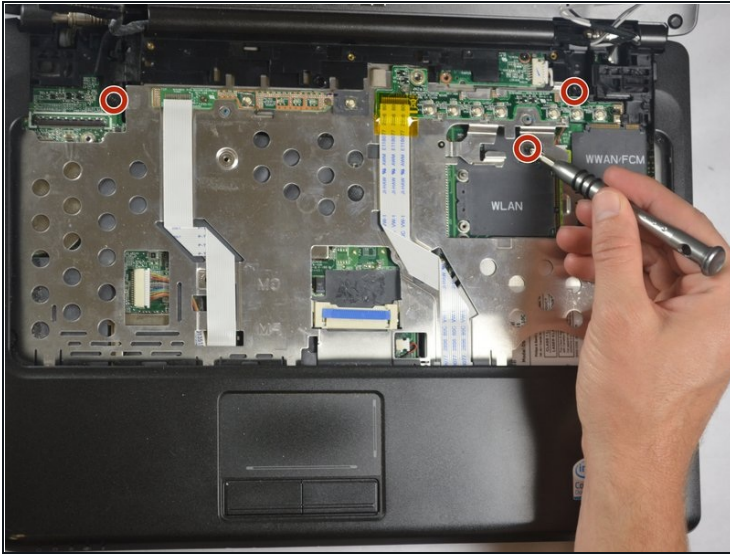
- Remove the 2mm x 3mm screw on the media button circuit board.
- Loosen the media button circuit board and take the antenna cables from under it.

Step 18



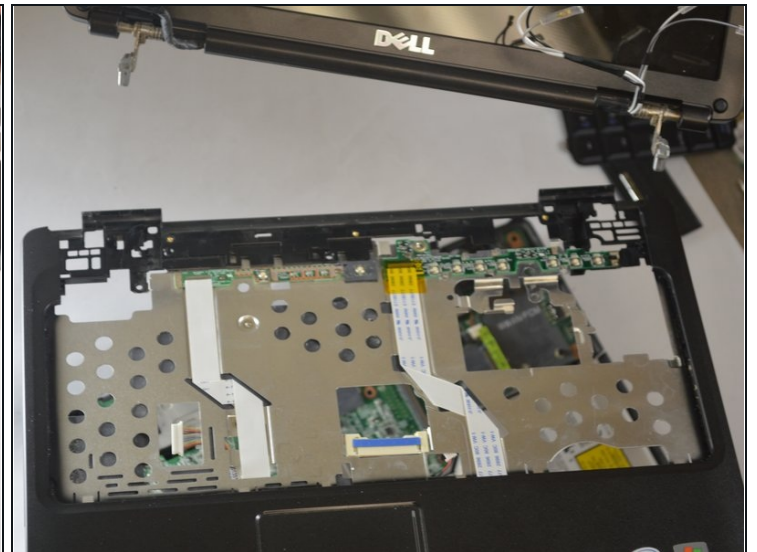
- Unplug LCD cable
- Lift LCD assembly away from the laptop

Step 19



- Remove the (3) 2.5mm x 5mm top palmrest screws
- Unplug palm rest cables

Step 20



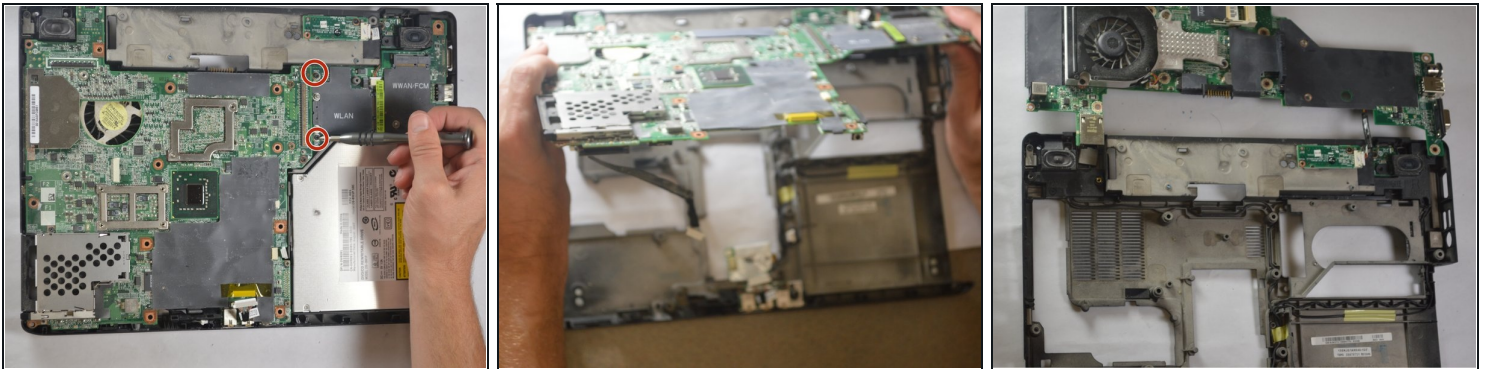
- Remove the palm rest from the base of the laptop

Step 21



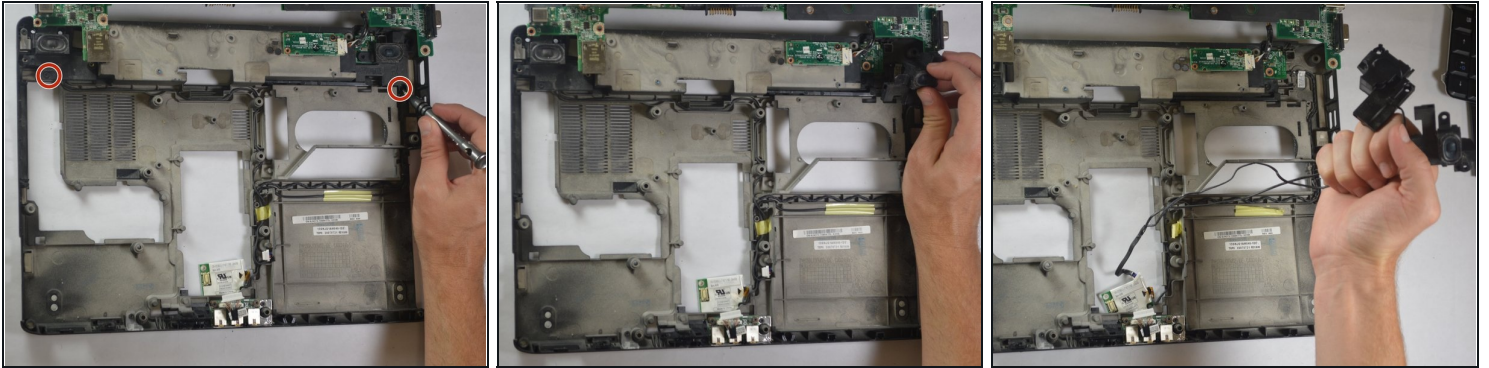
- Unplug the audio board cable and the speakers.
- Remove the 2.5mm x 5mm screw.

Step 22



- Remove the (2) 2mm x 3mm screws.
- Lift the motherboard out of the base and flip it over.

Step 23



- Remove the two 2.5mm x 5mm Right and Left speaker screws
- Lift the speakers away from the base of the laptop.

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