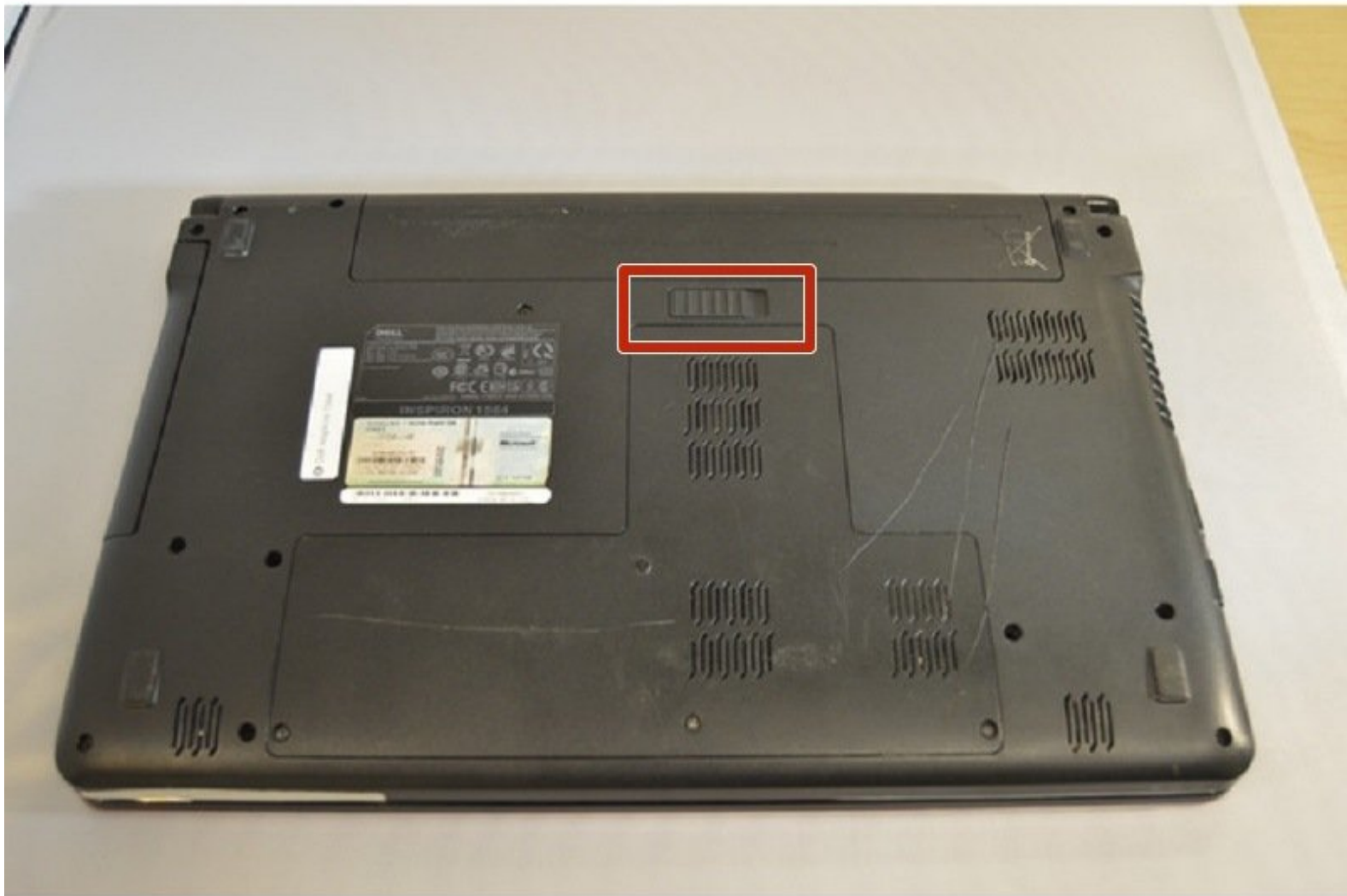




Dell Inspiron 1564 CPU Fan Replacement

This tear down guide will aide you in removing the components of your Dell Inspiron properly to reach the CPU fan in order to replace it.

Written By: Tyson Duerr



INTRODUCTION

This guide will teach you how to remove components all the way down to the CPU fan.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [64 Bit Driver Kit](#) (1)
-

Step 1 — Fan



Removing Battery

- Locate battery latch on the bottom of the computer and slide to the right.
- While holding battery latch, pull battery away from device.

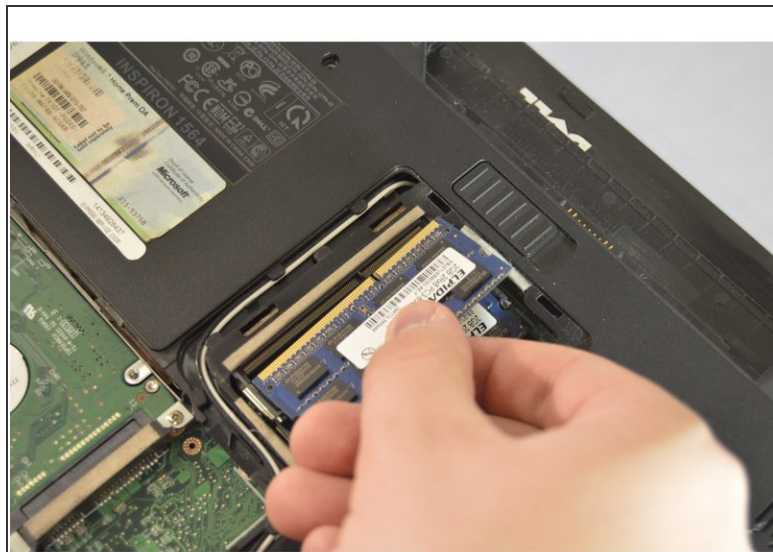
Step 2



Removing Hardware Panel

- With the J0 screwdriver bit, loosen all the screws from the backing opposite of battery.
- Remove the covering.

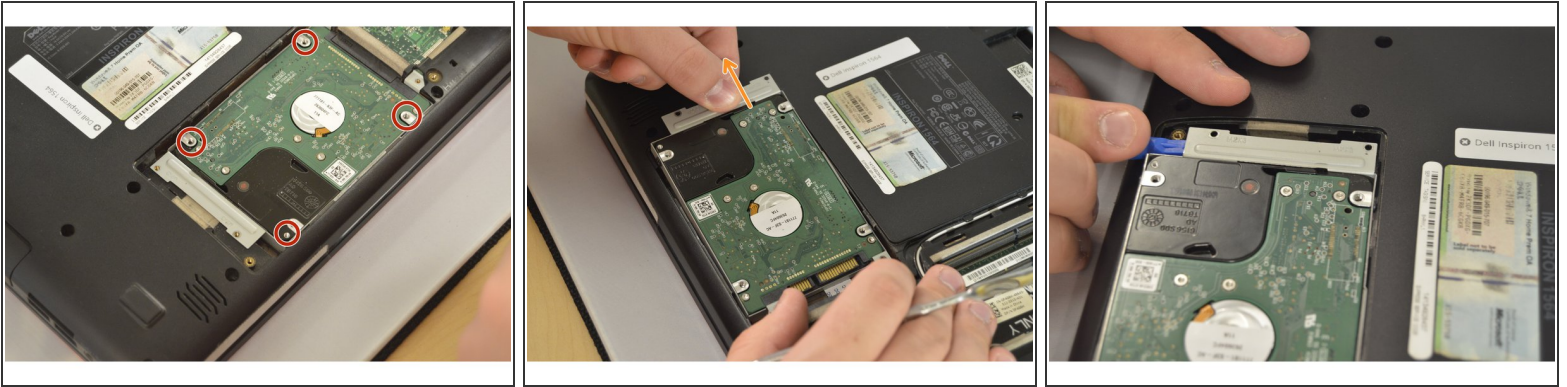
Step 3



Removing RAM

- Gently pull back the small clips along the side of each stick of RAM.
- Gently lift the RAM upwards so the RAM is now angled.
- Pull the RAM away from the device.
- Repeat steps for second stick of RAM

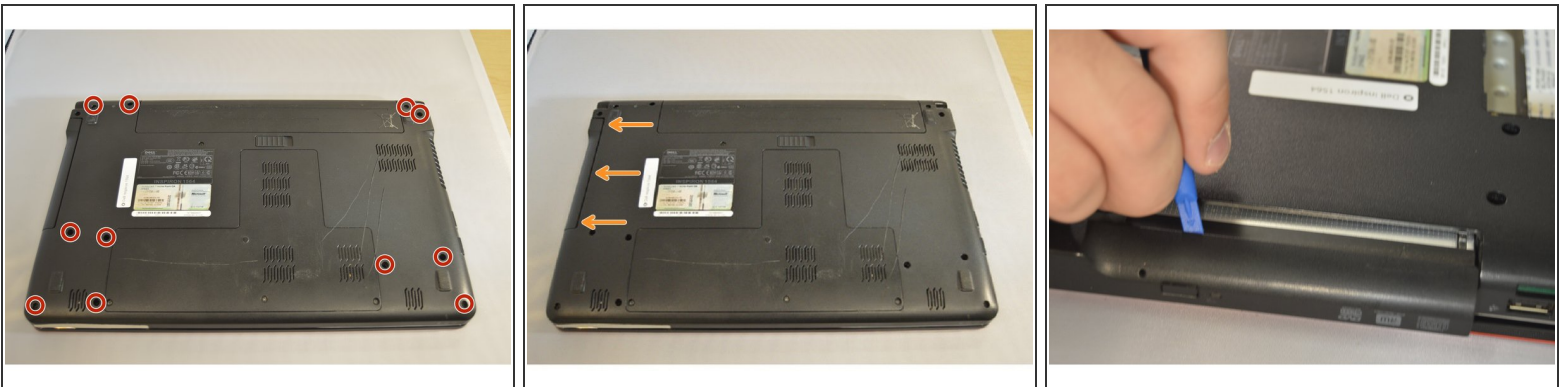
Step 4



Removing the Hard Drive

- Unscrew the four screws holding in the hard drive.
- Slide the hard drive towards and to the left to unplug it.
- Pry the hard drive upwards and pull away from device.

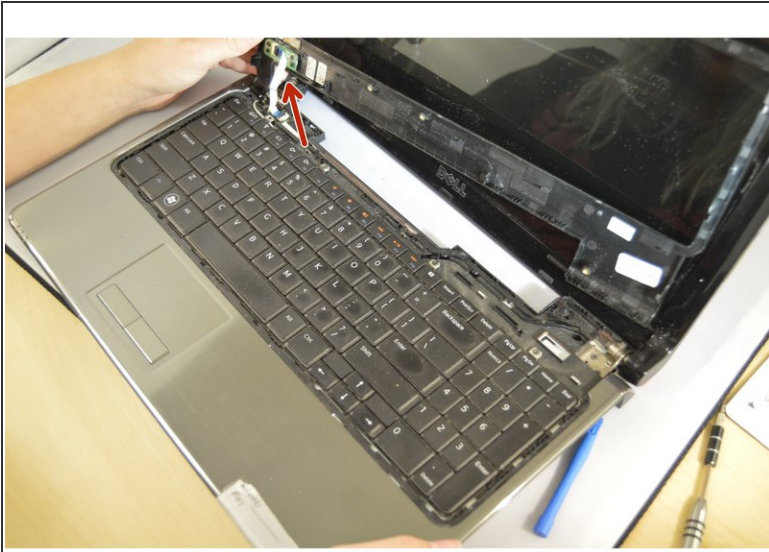
Step 5




Removing CD Drive

- With the J0 screwdriver remove the 11 screws on the bottom of the computer.
- Locate the CD drive at the left side when computer is flipped over.
- Pry CD drive away from device gently.

Step 6

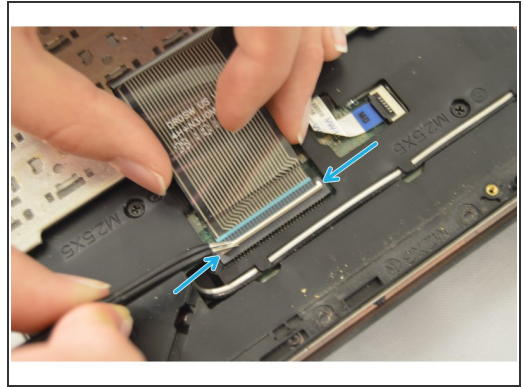
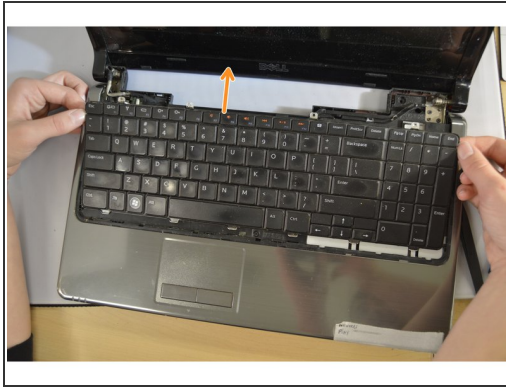


Removing Keyboard Cover

 Be careful to not pull on the ribbon cable that connects the keyboard to the computer.


- Using the blue plastic opening tool, start prying in the space between the screen and the keyboard.
- Remove black cover from the keyboard.

Step 7



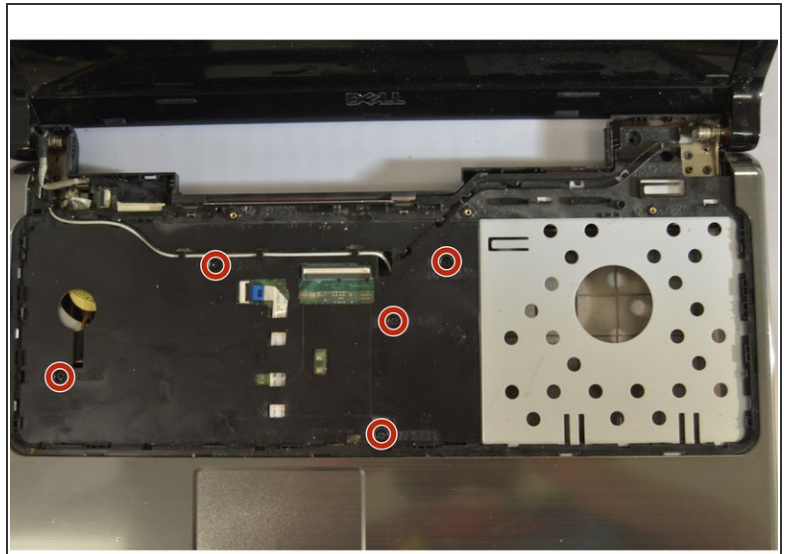
Removing Keyboard

- Remove the four screws on the top of the keyboard.
- Press down on the tabs on each side of the keyboard to free it.

 In the next part, there is a wire connected to the bottom of the keyboard, and if you pull the keyboard up too fast it will break.

- Remove the keyboard by pulling the board towards the screen and up.
- Flip the latch on the computer connecting the ribbon cable to the keyboard.

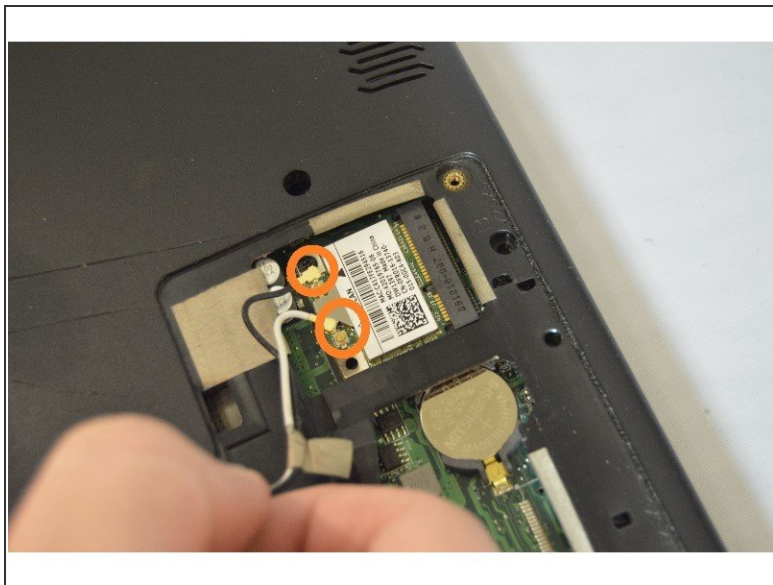
Step 8



Removing Keyboard Continued

- Slide the keyboard ribbon cable out.
- Remove the five screws that were underneath the keyboard.

Step 9

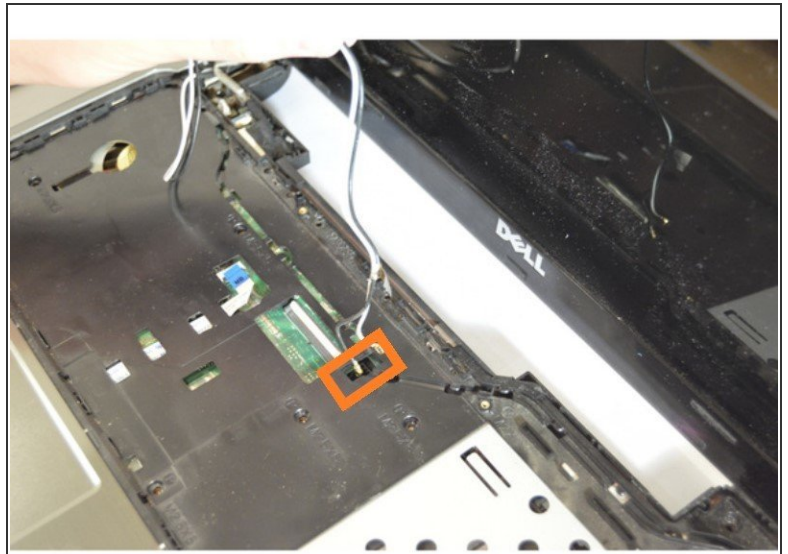
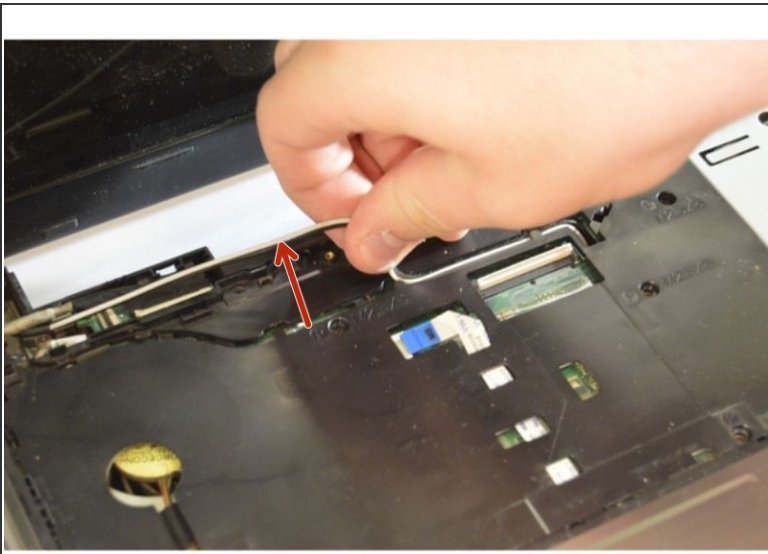


Removing Wireless Card Cables

 In the next part, be careful to not rip black and white wire.

- Turn device upside-down.
- Remove black and white wires from wireless card.

Step 10




Removing Wireless Card Cables Continued

- Lift black and white wire connections away from the device.
- Slide wires through the hole to the top of the keyboard.

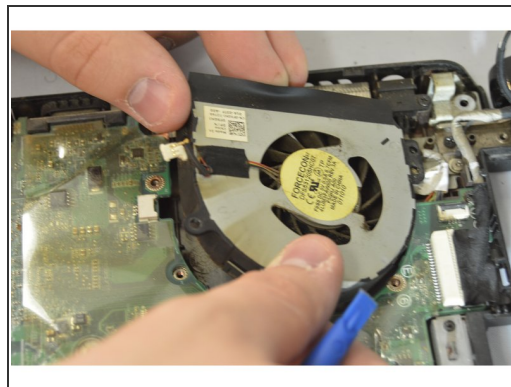
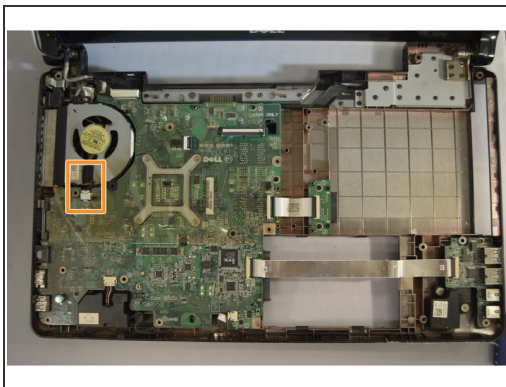
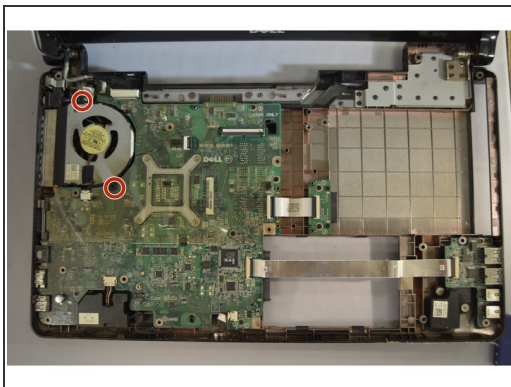
Step 11



Removing Casing

-  In this step, be careful not to pull the casing too quickly or the black and white wire may rip.
- Loosen and pry sides away from each other.
- Remove casing.

Step 12



Removing Fan

- Using the J0 screwdriver bit, remove two 7mm screws holding fan in place.
- With tweezers, gently pull cable connecting fan to board.
- Gently tilt fan upwards and remove.

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