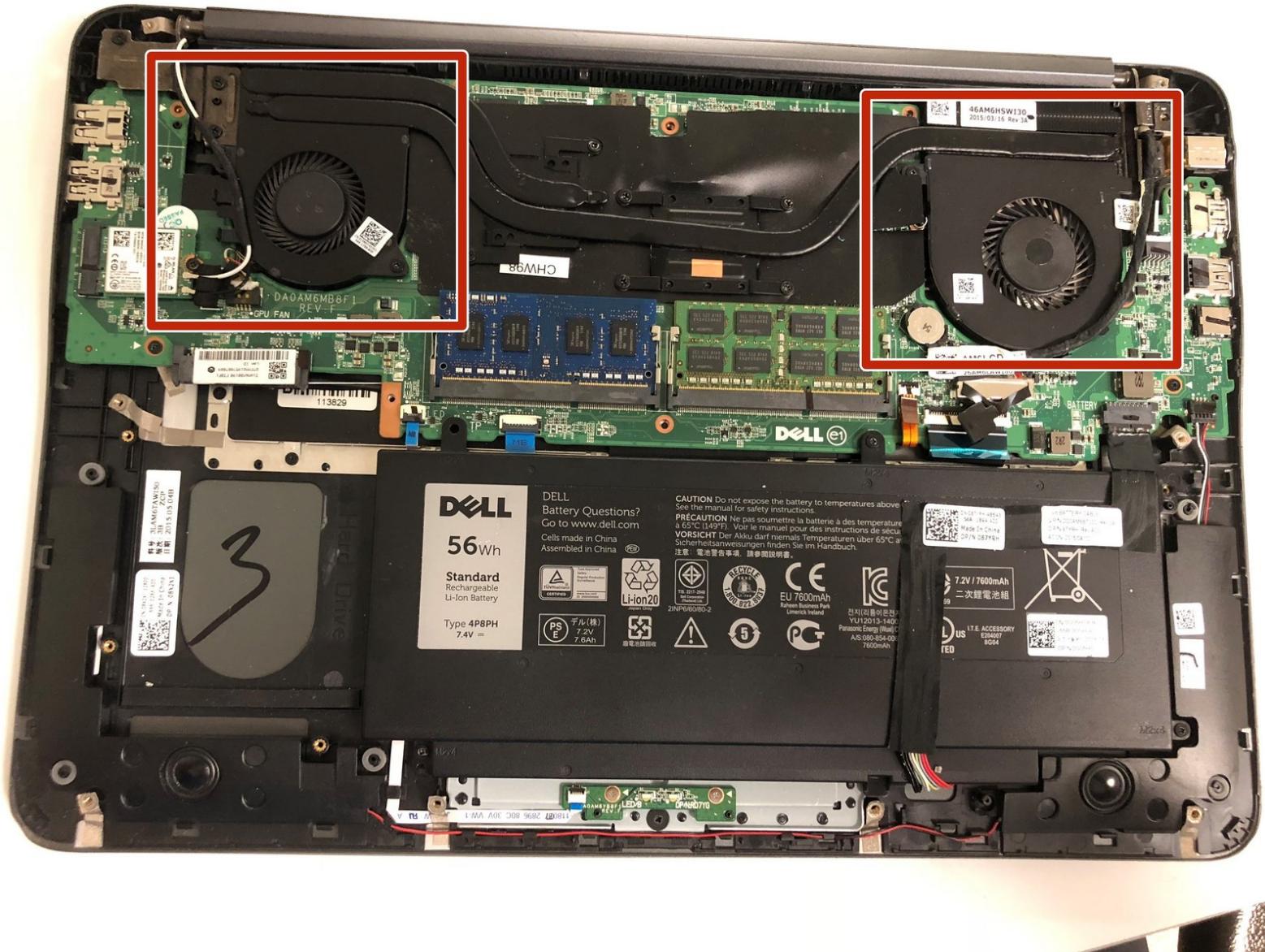




Dell Inspiron 15-7548 Fan Replacement

Use this guide in replacing the Fan in your Dell Inspiron 15-7548.

Written By: Christopher Fisher



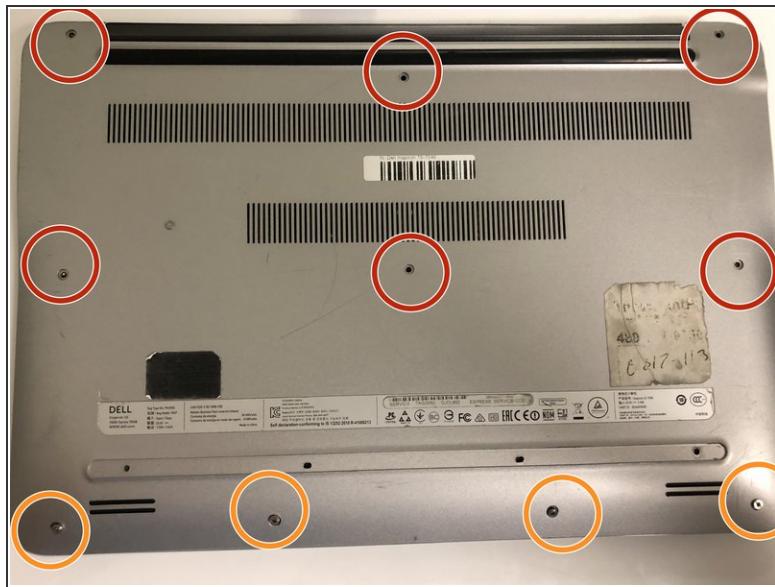
INTRODUCTION

This guide will walk you through how to remove the Fan in your Dell Inspiron 15-7548.

TOOLS:

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

Step 1 — Back Panel



- Unscrew the six 2.5x6mm screws and remove them using a Phillips #1 screwdriver.
- Loosen the four 2x3mm captive screws at the bottom.

ⓘ The four screws on the bottom are captive screws and cannot be removed.

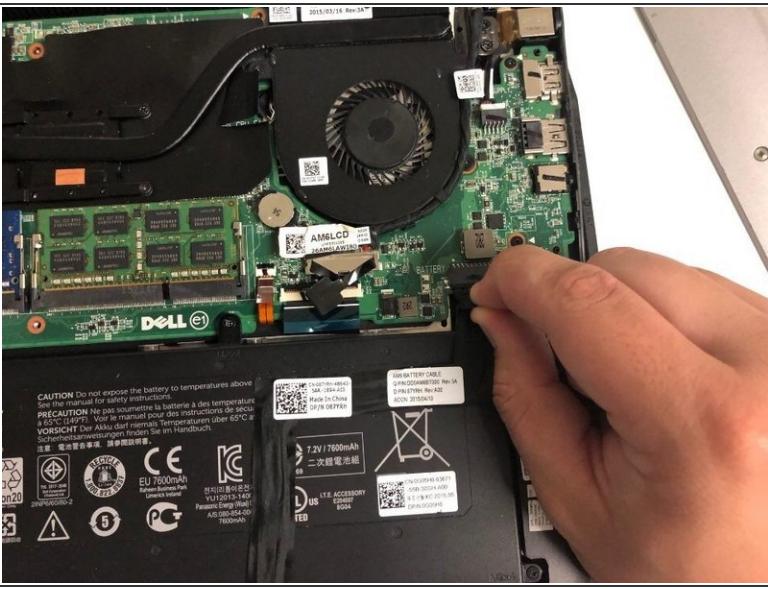
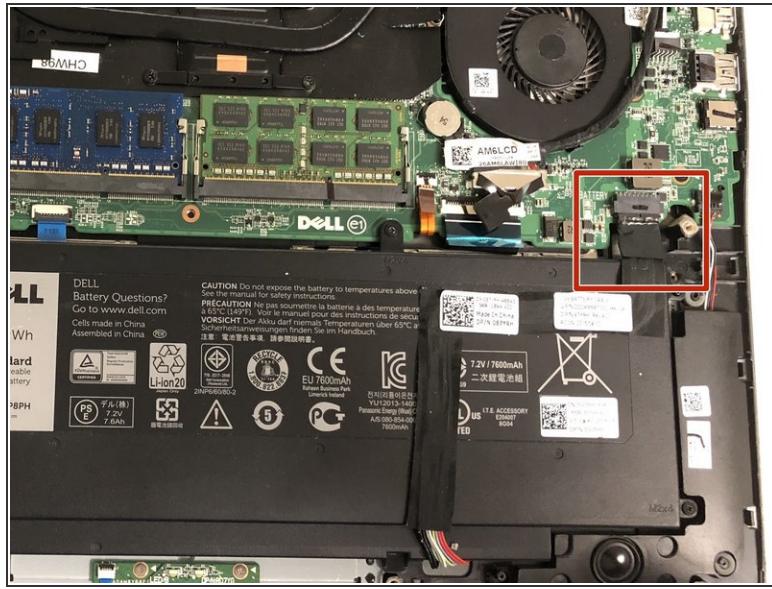
Step 2



- Using the flat head side of the spudger separate the the back panel from the rest of the laptop.

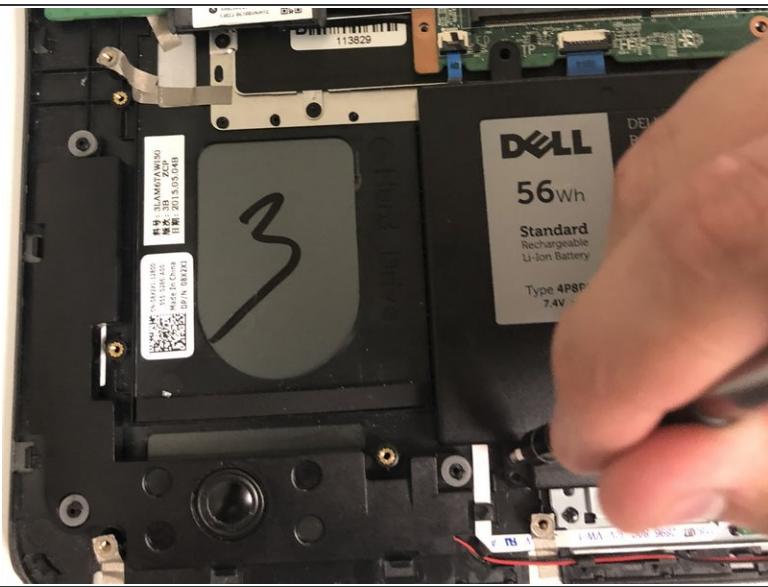
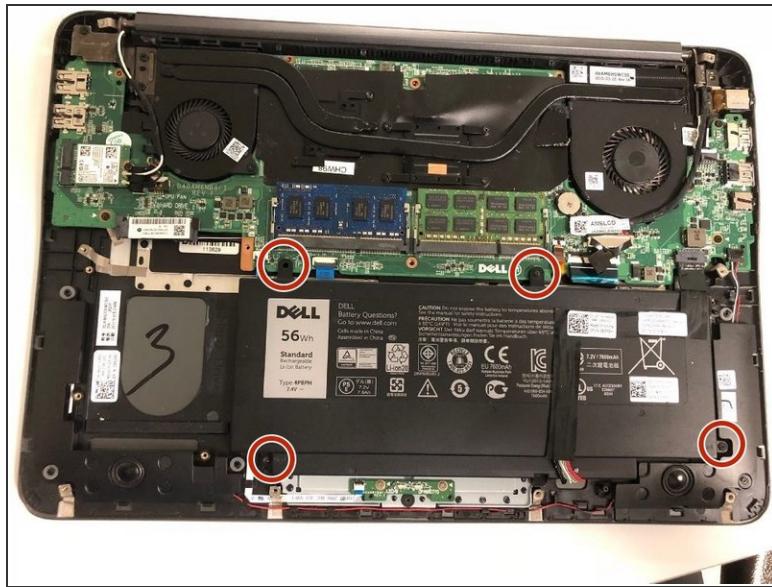
When separating the bottom and right side of the case do not insert the spudger more than half an inch.

Step 3 — Battery



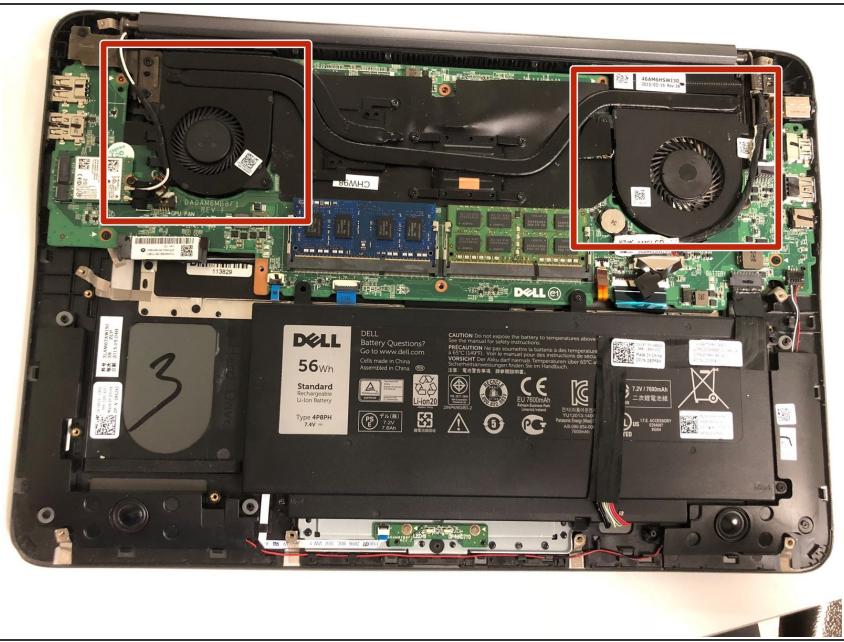
- Disconnect the battery from the motherboard by pulling the black tab attached to the cable.

Step 4



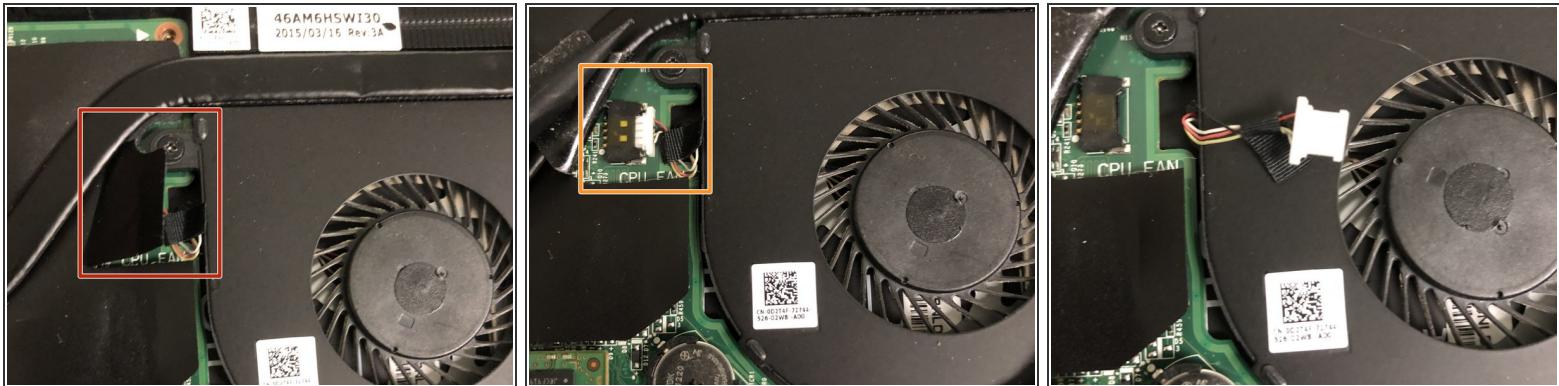
- Remove the four 2.5x6mm screws using a Phillips #1 screwdriver.

Step 5 — Fan



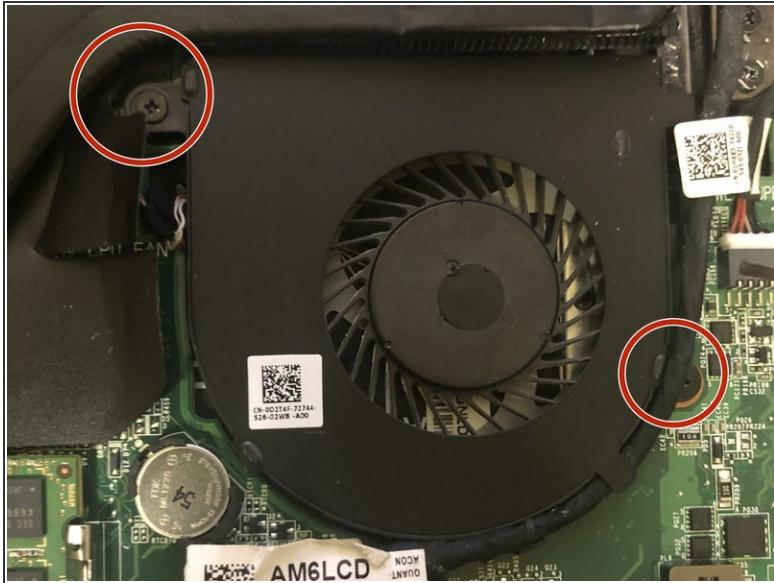
- The two fans are located at the top of the computer.
- *(i)* The fan on the left is for the GPU (Graphics processing unit) and the right fan is for the CPU (Central processing unit).

Step 6



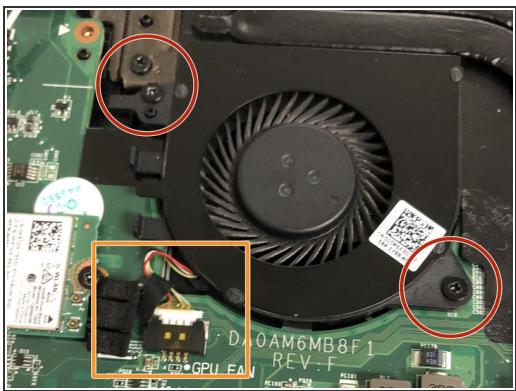
- To unplug the CPU fan lift the black plastic cutout next to the fan.
- The connection can be removed by hand or with the plastic spudger.

Step 7



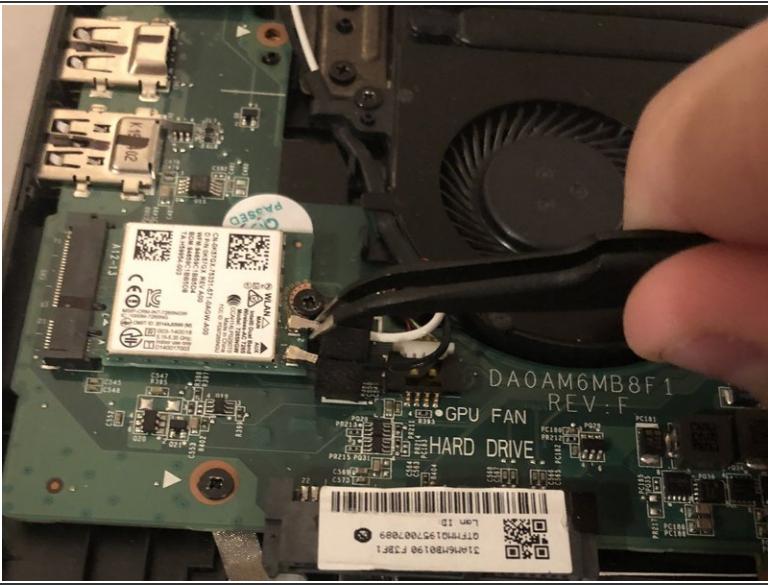
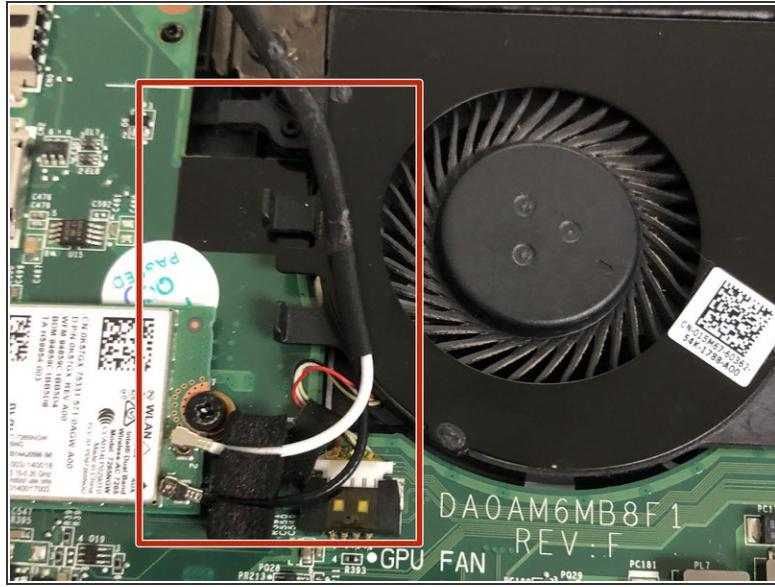
- Remove the two 2x3mm screws from the fan using the Phillips #1 screwdriver.
- The unit may now be removed from the board.
- *(i)* The black cord running alongside the fan is for the display. Push it aside if it stops you from removing the fan.

Step 8



- Remove the two 2x3mm screws from the fan using the Phillips #1 screwdriver.
- Disconnect the unit from the motherboard.
- *(i)* It may be easier to disconnect with the spudger tool but it can also be done by hand.

Step 9



- The black and white wires need to be unplugged and removed from the tabs on the fan.
- Use a pair of tweezers to unplug the wires.

 When reconnecting the wires connect the white to the top plug and the black to the bottom.

- The unit may now be removed from the board.

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