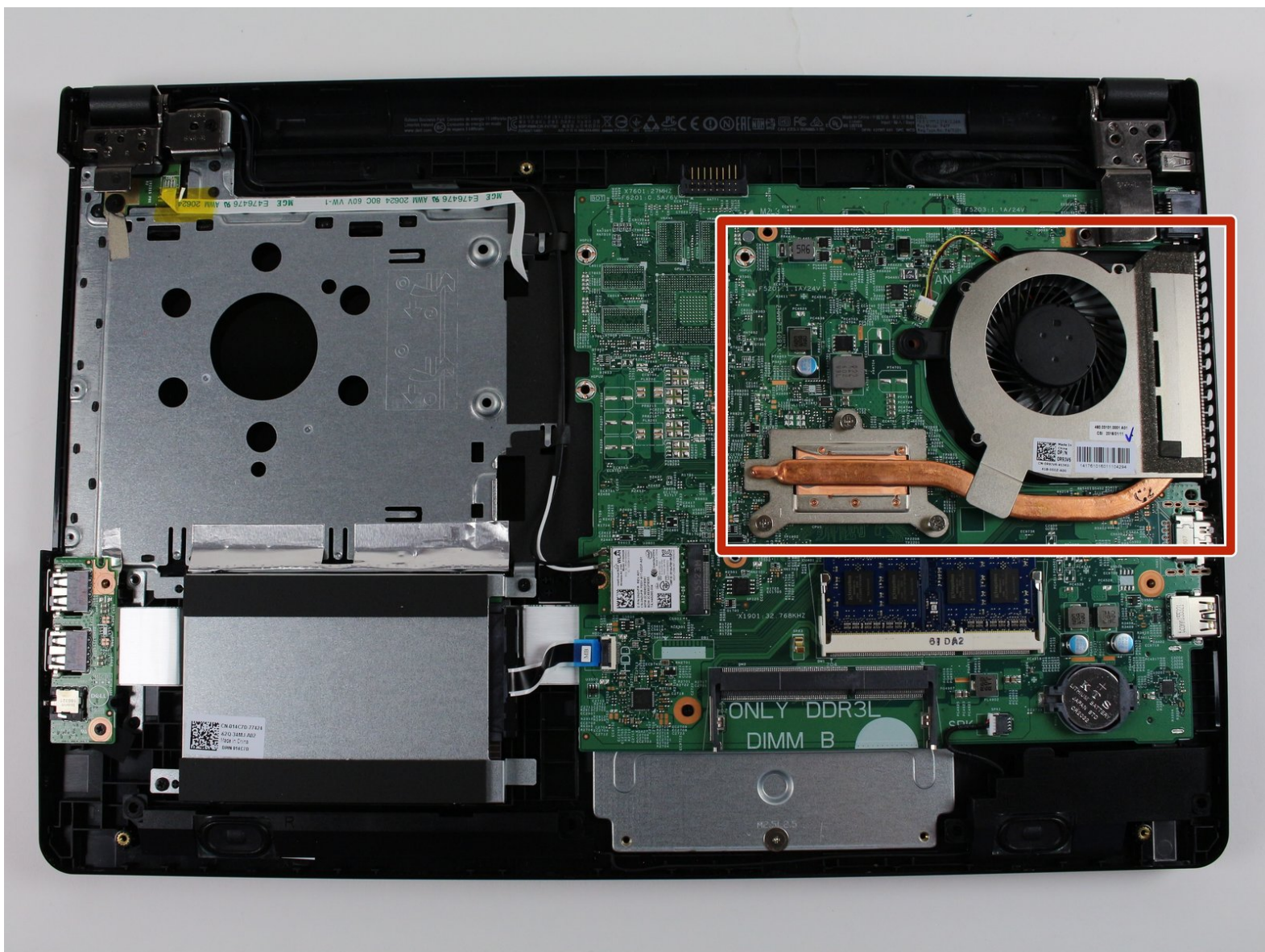




Dell Inspiron i3558-5500BLK Internal Fan Replacement

This guide will show you how to remove and replace the internal fan for the Dell Inspiron i3558-5500BLK Laptop.

Written By: Nathan Ybanez



INTRODUCTION

This guide will show you how to remove and replace the internal fan for the Dell Inspiron i3558-5500BLK Laptop.

WARNING: Static electricity can damage the electronic components of this model. Before beginning these procedures, discharge any built up static electricity by briefly touching a grounded metal object. For example, you can touch the metal frame inside the case of most desktop computers, or wear an anti-static wristband.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Keyboard



- With the laptop open and facing upright, use the Spudger to pull at the notches shown in the image.

Step 2



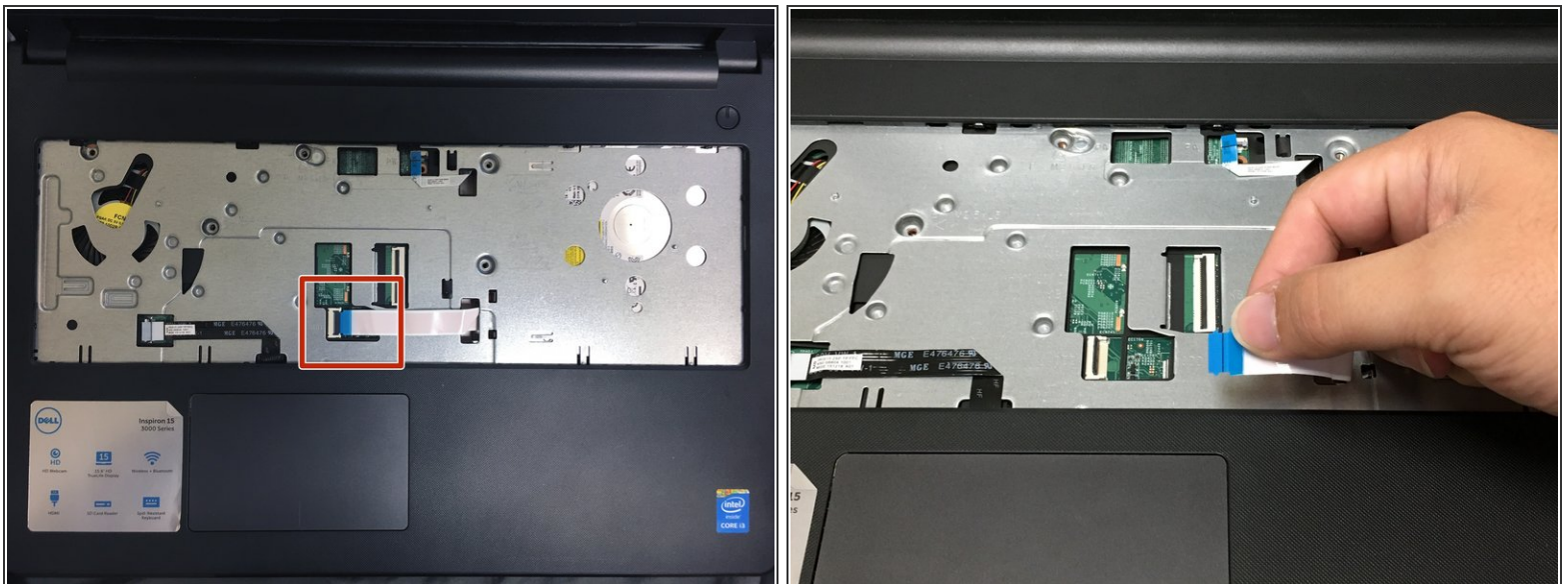
- Gently turn the keyboard over to reveal the ribbon cable underneath. Remove the cable from the motherboard by lifting the white release tab and gently pulling the cable away from the socket.
- Lift the keyboard away from the baseboard to remove.

Step 3 — Battery



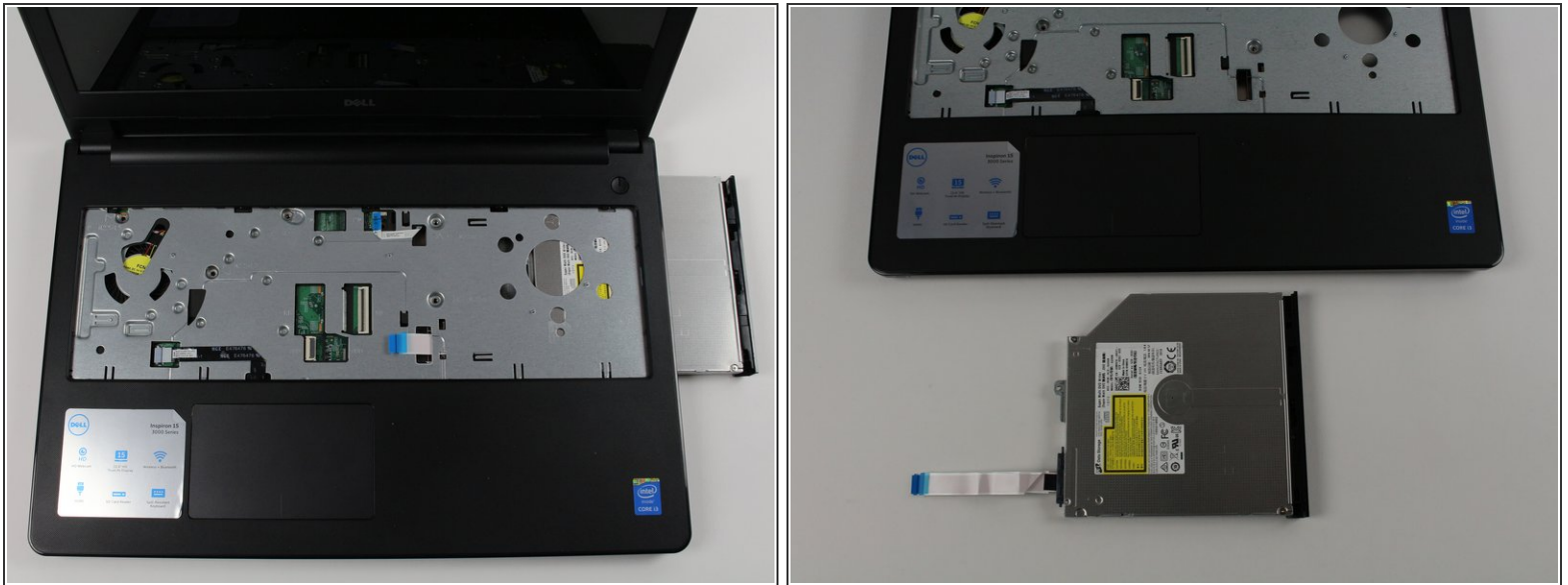
- With the back of the laptop facing upright, press the switch shown to loosen the battery and remove it.

Step 4 — Back Cover



- With the laptop facing upright - remove the ribbon cable from the optical drive by lifting the white release tab and gently pulling the cable away from the socket.

Step 5



- Slide the optical drive out of the port on the right-side of the laptop.

Step 6



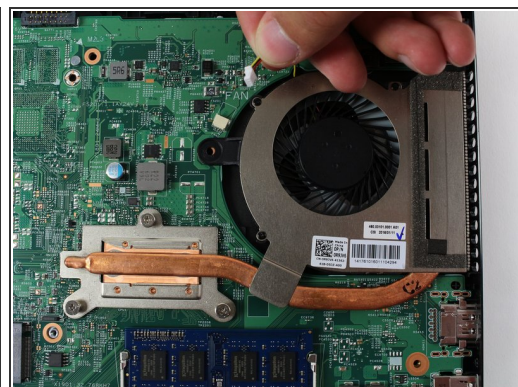
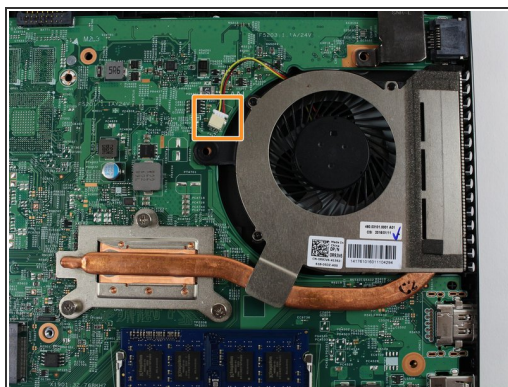
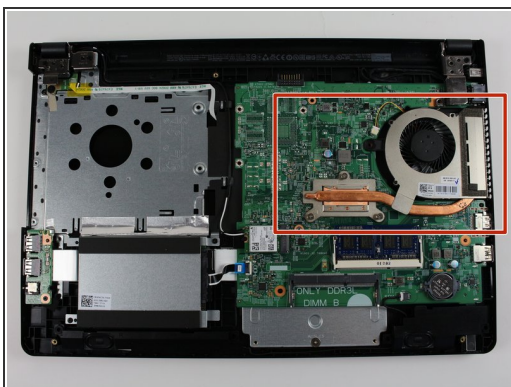
- With the back of the laptop facing upright, remove the following screws:
 - Ten 0.5 mm Phillips screws from the backboard
 - One 0.2 mm Phillips screw from the battery port
 - Three 0.1 mm Phillips screws from the optical drive slot.

Step 7



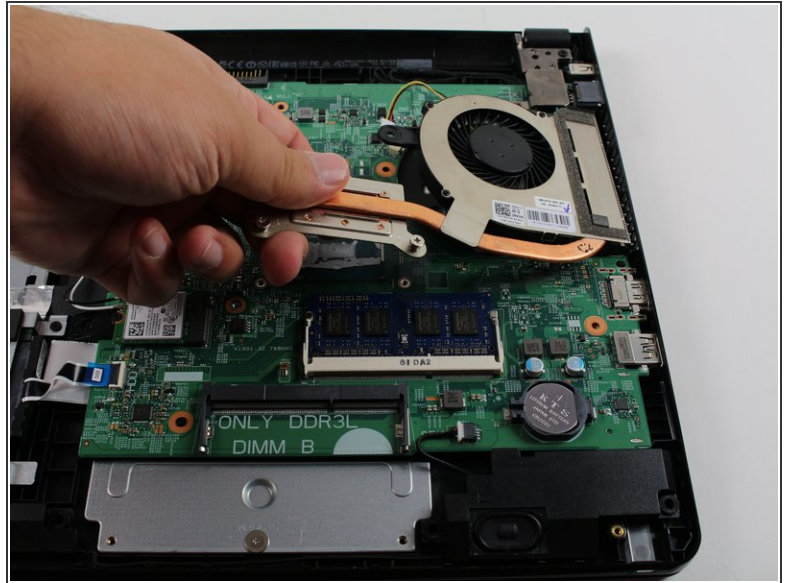
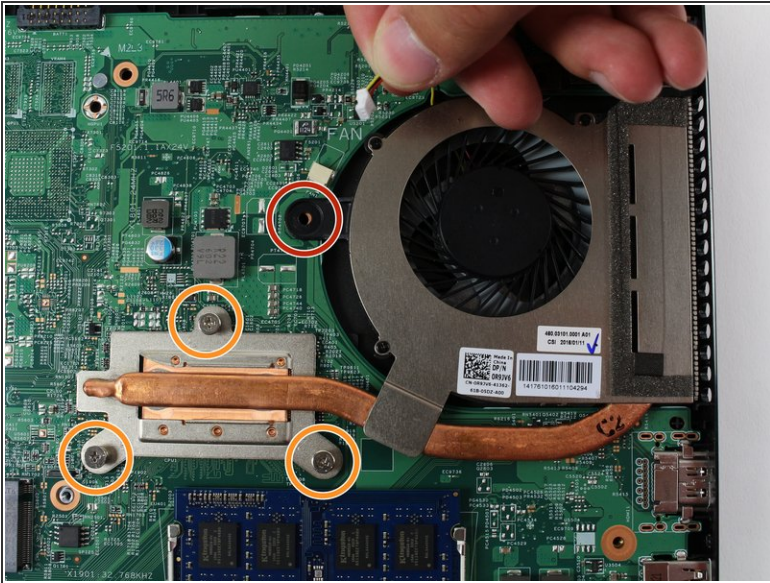
- Gently pry the back cover from the opposite side of the battery to reveal the internal components.

Step 8 — Internal Fan



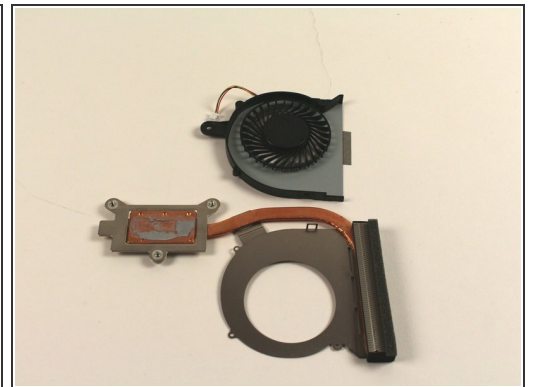
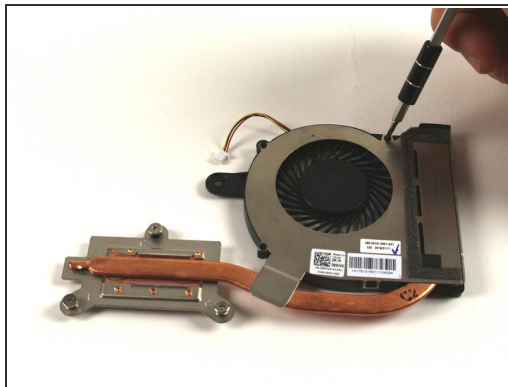
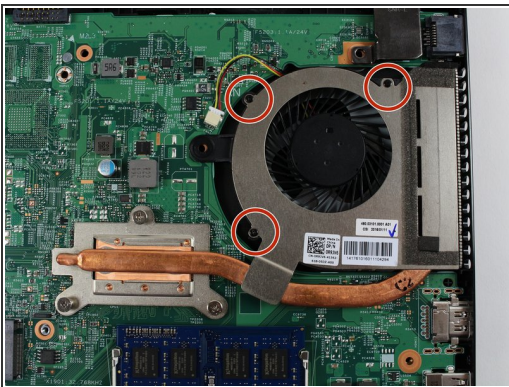
- Identify the fan assembly as shown in the image.
- Remove the power cable by gently pulling it away from the fixture.

Step 9



- Loosen the three 2 mm Phillips heatsink screws.
- Remove the 0.5 mm Phillips fastener screw, identified by the red circle.
- Remove the fan from the motherboard.

Step 10



- Unfasten the screws shown in the image to remove the cover and heatsink from the fan unit.

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