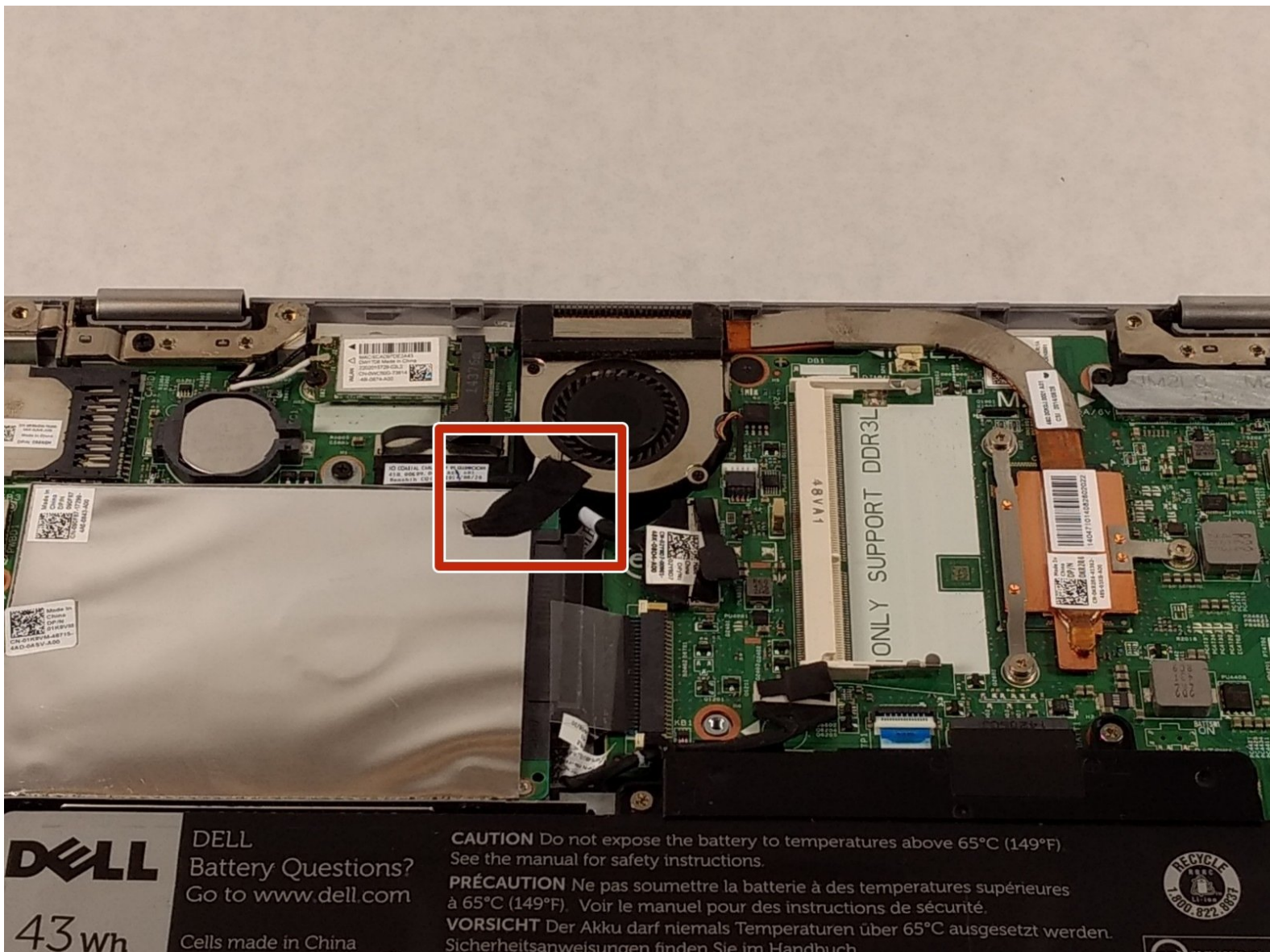




Dell Inspiron 3148 Fan Replacement

Use this guide to replace the fan in your Dell Inspiron 3148.

Written By: Christopher Gravelle



INTRODUCTION

Is your computer heating up easily or getting louder? Consider using this guide to replace the fan in your device.

TOOLS:

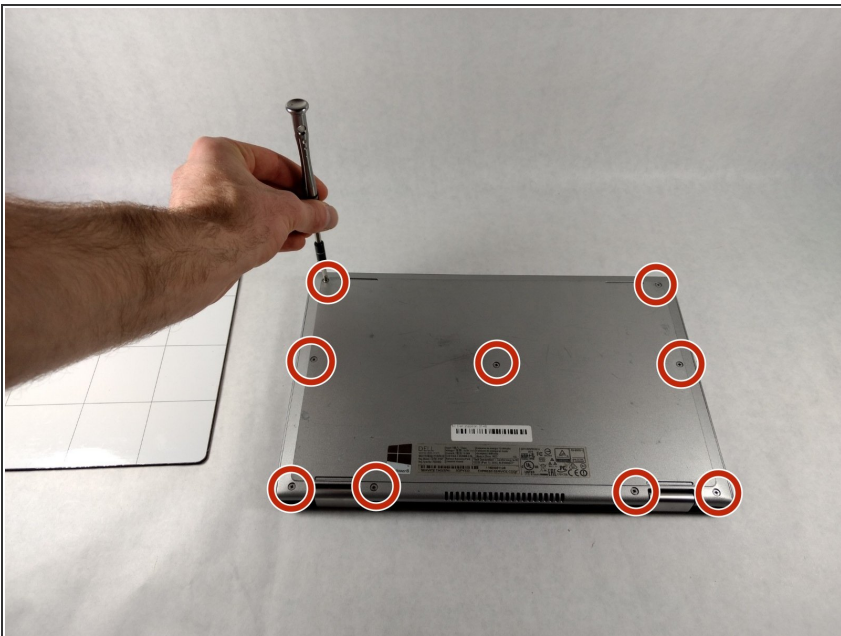
- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Back Panel



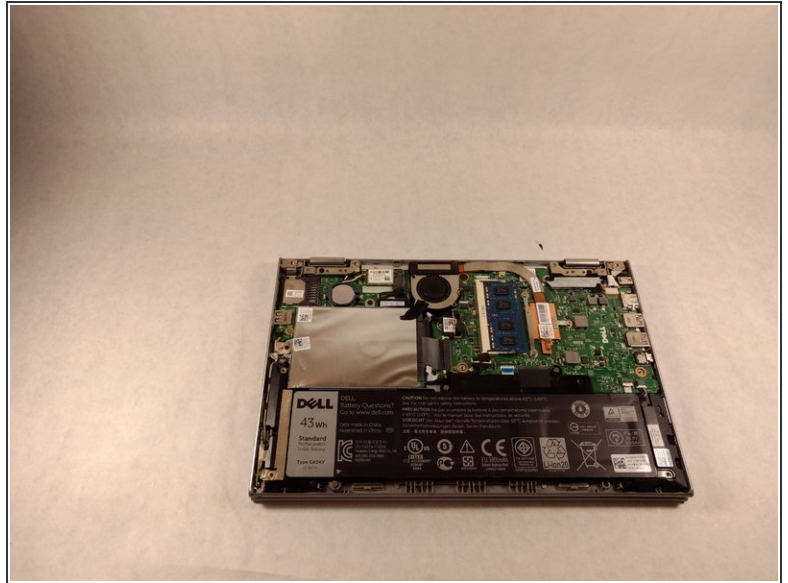
- Ensure the device is powered off and unplugged. Close the device and orient it face up, with the hinges further away from you.
- Flip the device over so the backside is facing you.

Step 2



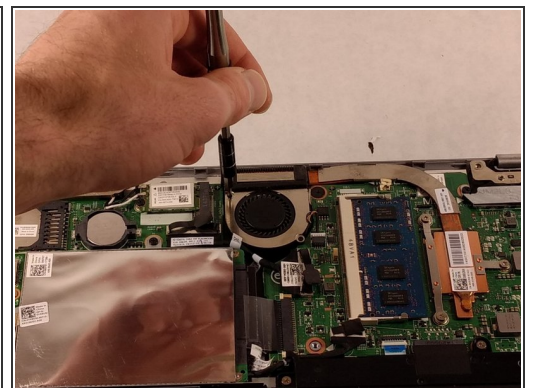
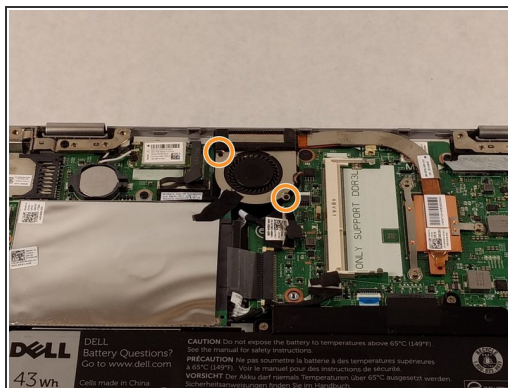
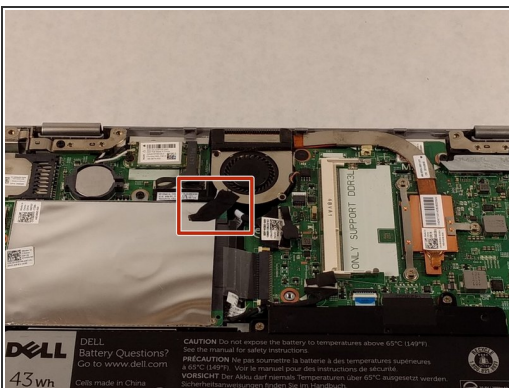
- Using the Phillips #1 screwdriver, remove all nine 7mm screws.

Step 3



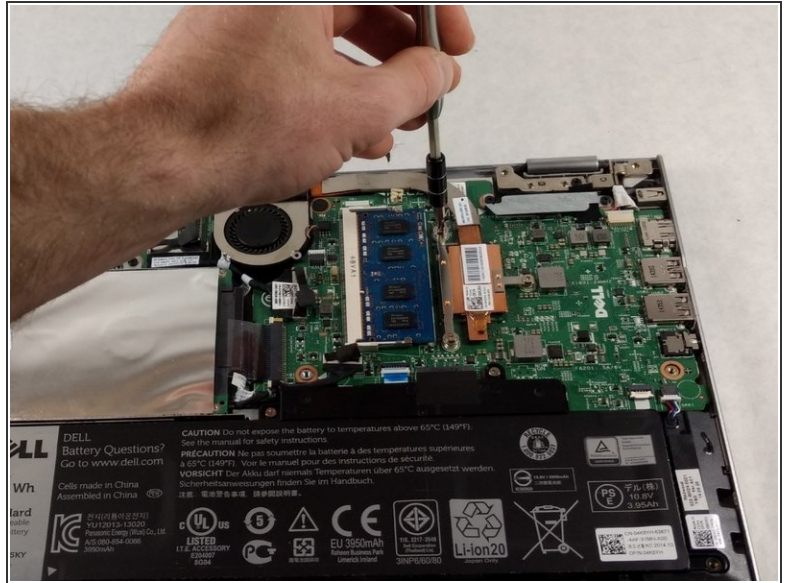
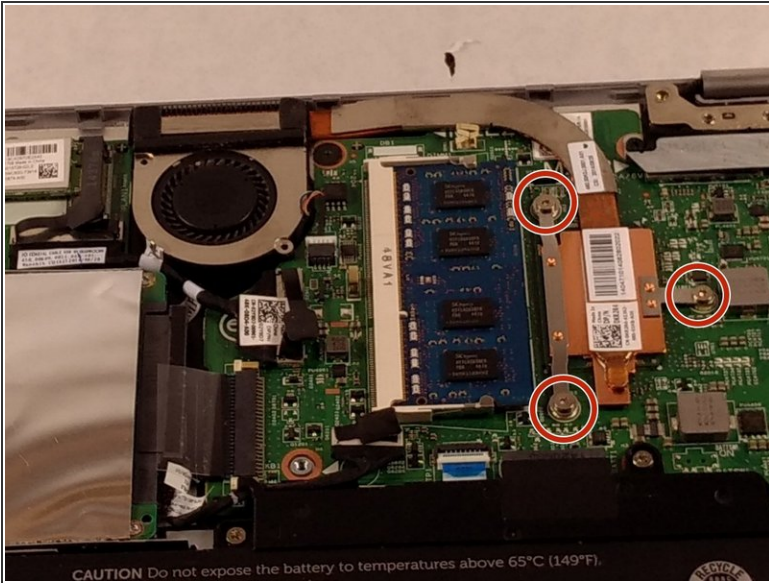
- Using the plastic opening tool, pull the back panel upward. Move the opening tool along the edge of the device and lift the panel off of your device.
- ❗ Be aware, the back panel is kept in place by magnetic clips. They will offer some resistance, but continue to gently leverage upwards.

Step 4 — Fan



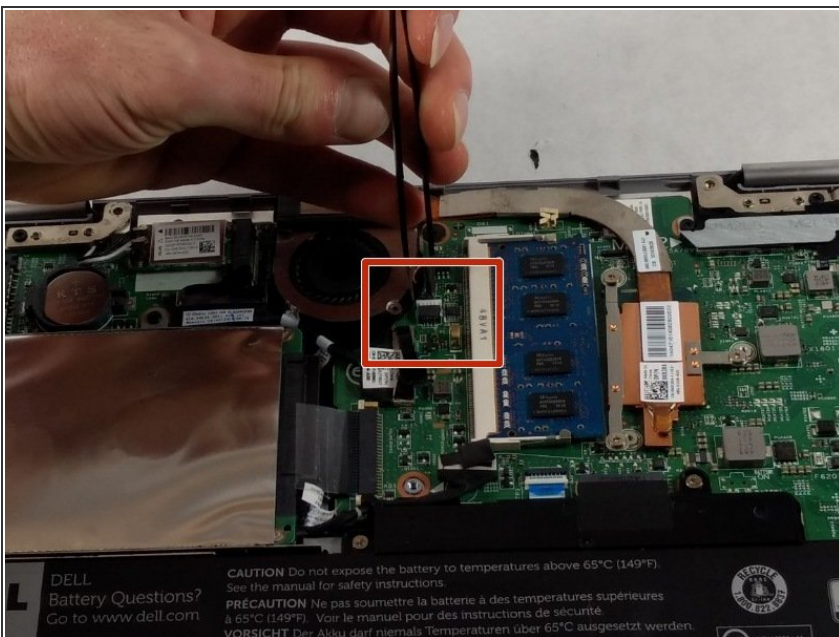
- If there is tape on your fan, remove the tape.
- Remove the two 2mm screws on the fan enclosure using the Phillips #00 screwdriver.

Step 5



- Unscrew the three 4mm screws holding down the heat sink of the fan using the Phillips #00 screwdriver.
- ⓘ The three 4mm screws found in the heat sink will remain attached to the heat sink. This is okay as long as they are detached from the motherboard.

Step 6



- Use the tweezers to gently pull the power supply cable from its port.

Step 7



- Grasp the fan and lift upward.
Remove the fan from the device.

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