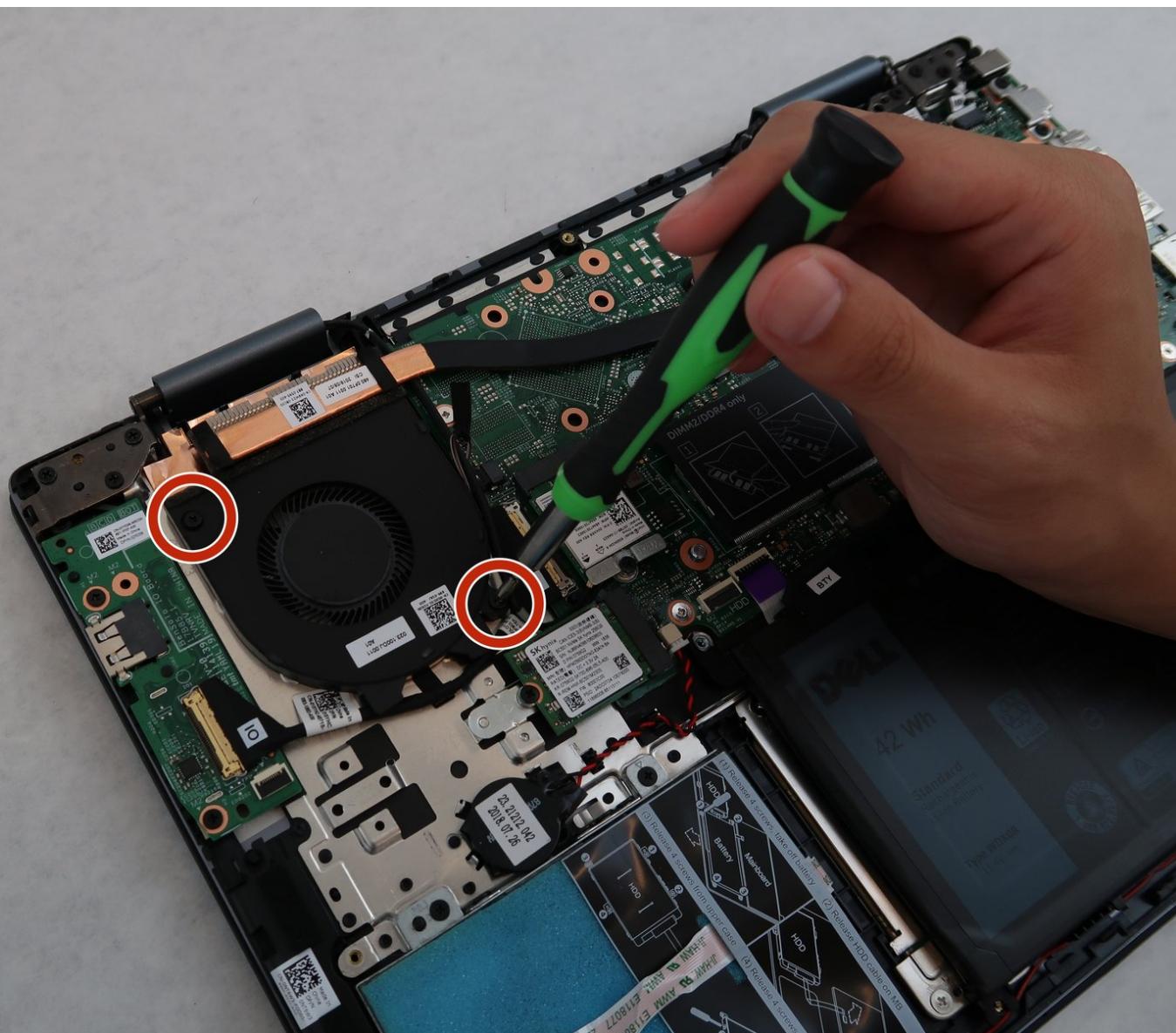




# Dell Inspiron 14 5100 Fan Replacement

Use this guide to replace the fan in your Dell Inspiron 14 5100.

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## INTRODUCTION

Verify with the device's [troubleshooting page](#) whether the replacement of your fan is required for your situation.

This guide will go through the process of replacing the fan for the Dell Inspiron 14 5100.

A faulty fan can cause your device to overheat due to the lack of ability to cool the device by itself.

If this guide is unnecessary, go to our [device page](#) to look for the correct guide for your situation.

## TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)

## Step 1 — Dell Inspiron 14 5100 Disassembly



 Make sure to disconnect the power source to the device.

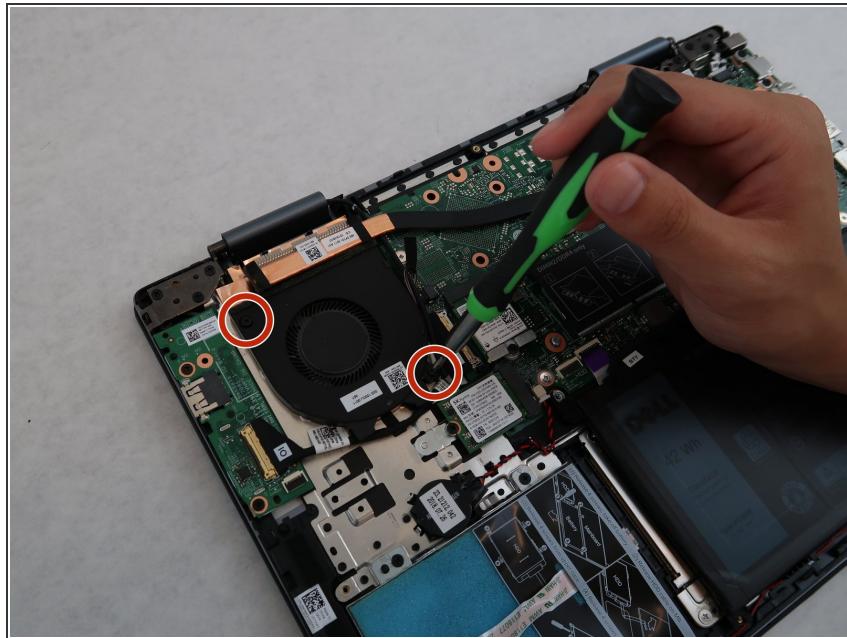
- Remove nine screws securing the base cover of the laptop's keyboard assembly using the Phillips #0 screwdriver.
- There are 2 sets of screws.
  - Remove the 3 captive screws.
  - Remove the 6M2\*6 screws.

## Step 2



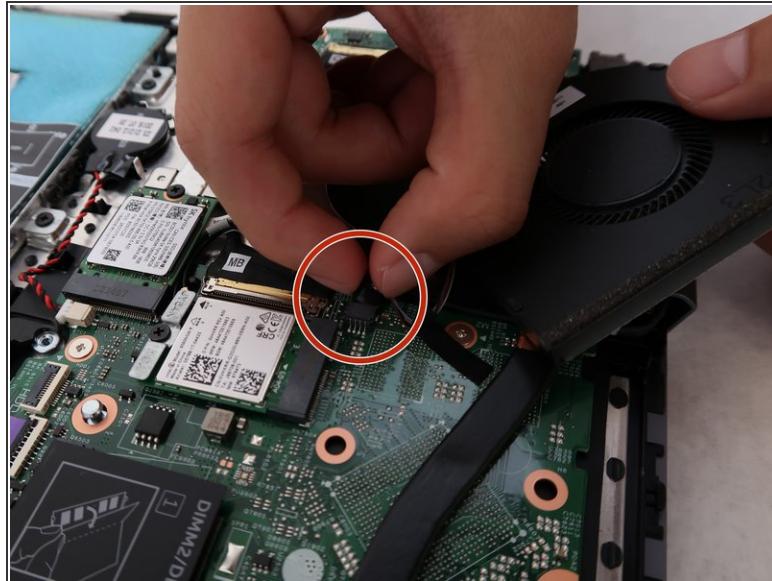
- Pry open the laptop to separate the base cover from the keyboard assembly.
- You may use your fingertips or use plastic opening tools.

## Step 3 — Fan



- Remove the two Phillips #0 screws securing the fan to the keyboard assembly.

## Step 4



- Remove the tape securing the fan cable to the motherboard.

## Step 5



- Lift the fan and remove it from the device.

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