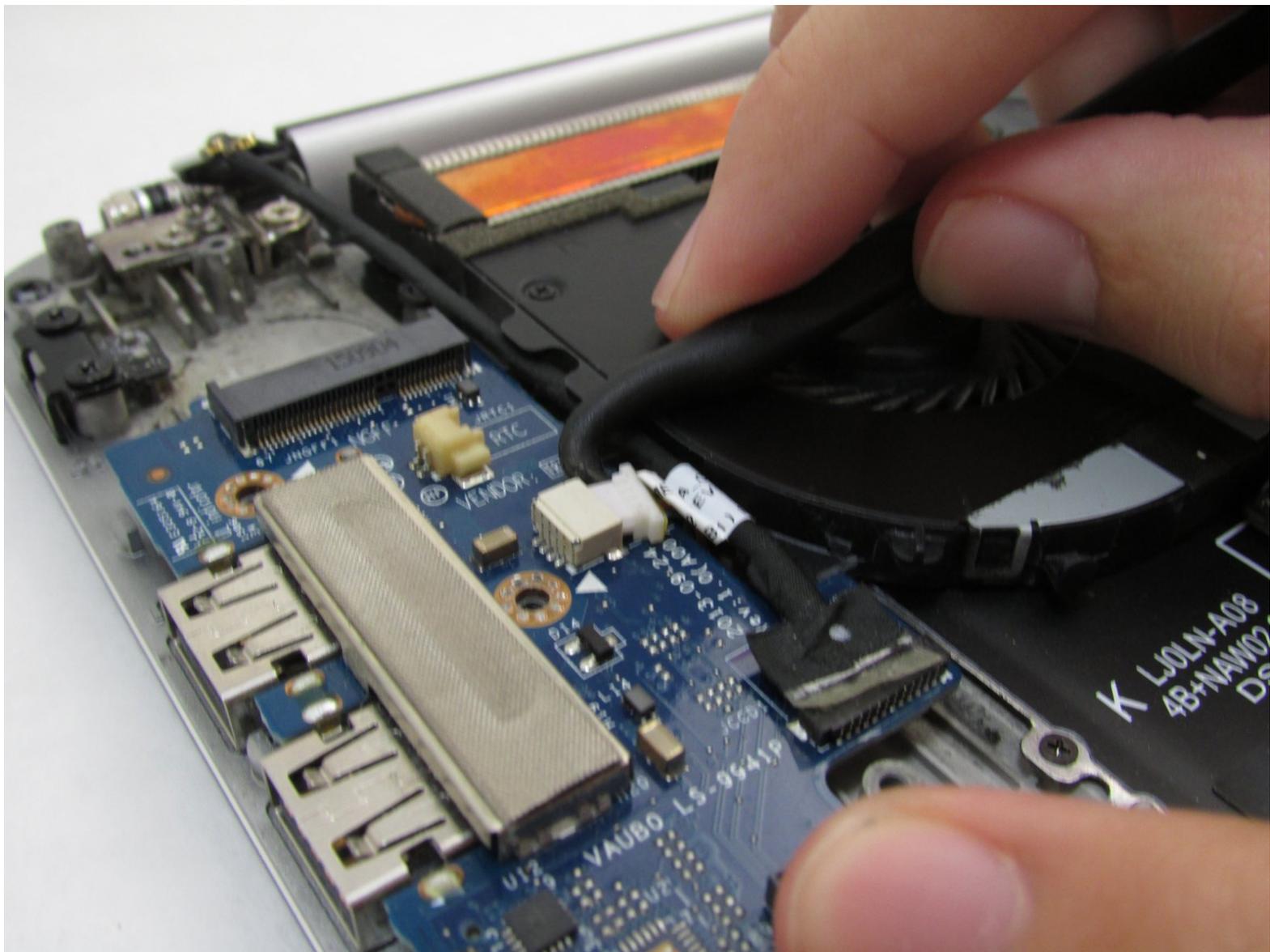




# Dell Precision M3800 USB Port Replacement

This guide will help you replace your USB Port if it is faulty or not working in the Dell Precision M3800.

Written By: Brianna Hitchcock



## INTRODUCTION

If the Dell Precision M3800 USB port(s) is/are faulty, use this guide to replace the nonfunctional USB ports.

The USB port allows different devices, such as printers, scanners, phones, mp3 players and others, to be connected to laptop without using a specific port or large connector. If the USB port is faulty, you will not be able to connect a device to the laptop, so a replacement is required.

Before using this guide, ensure that there is not any debris blocking the USB port, because this could disrupt connections. If there is something blocking the USB port, use an ESD-safe brush or small dust blower to clean it out. If this does not work, be sure to power down the laptop, and unplug from the external power source(s) before proceeding with the steps in this guide. To fully replace the USB ports in your device, you'll need to know how to solder and desolder connections. Use the [How to Solder and Desolder Connections guide](#) for more information on how to properly use a soldering iron/station.

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### TOOLS:

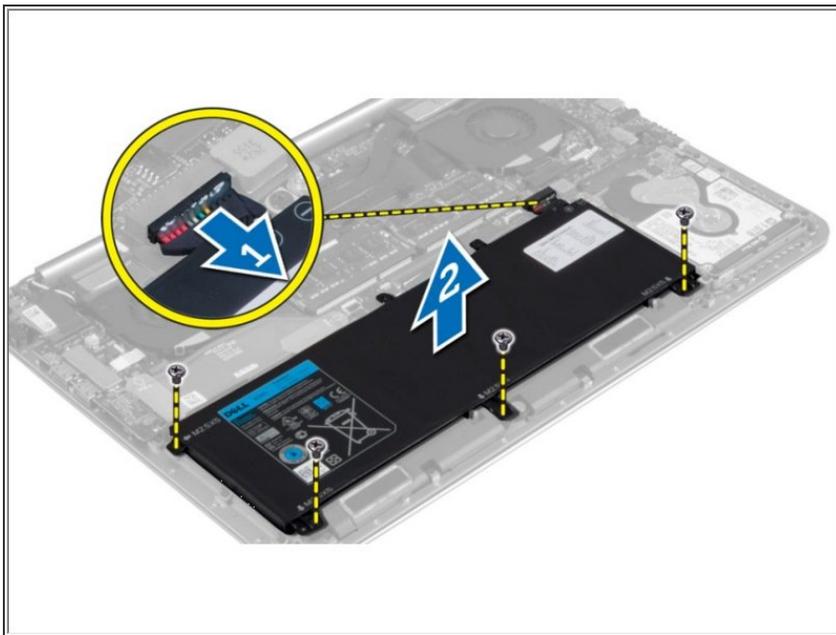
- [Prying and Opening Tool Assortment](#) (1)
  - [T5 Torx Screwdriver](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
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## Step 1 — Back Cover



- Use a T5 Torx screwdriver to unscrew the ten 3mm screws on the laptop back cover and then remove the cover.
- ⓘ iFixit's magnetic project mat is great for keeping the screws in one place.
- If the back cover is hard to remove, use a plastic opening tool to remove the back cover.

## Step 2 — Battery



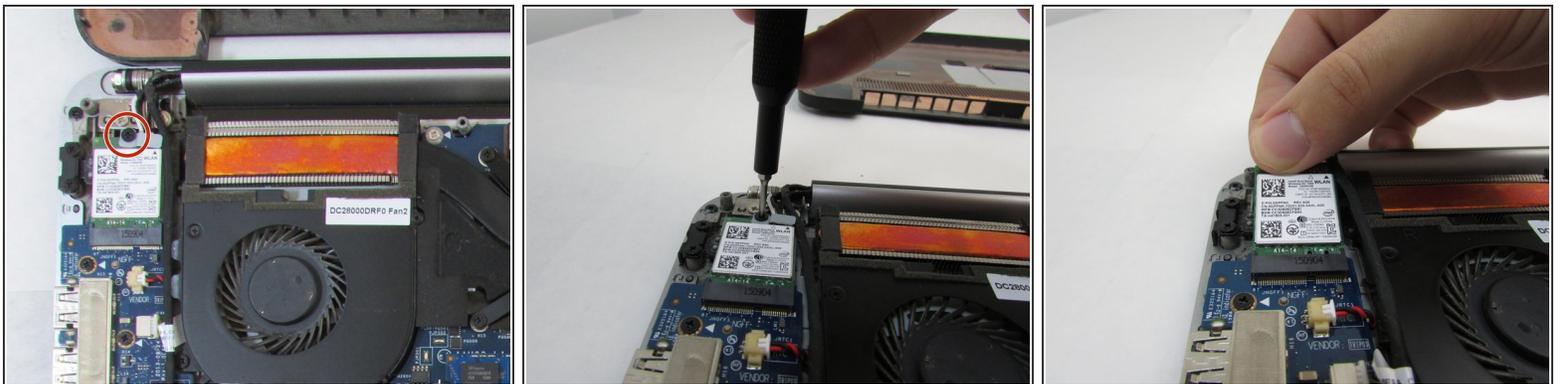
- Disconnect the battery cable from the system board [1].
- Remove the screws that secure the battery to the computer.
- Lift the battery off the computer [2].

### Step 3 — USB Port



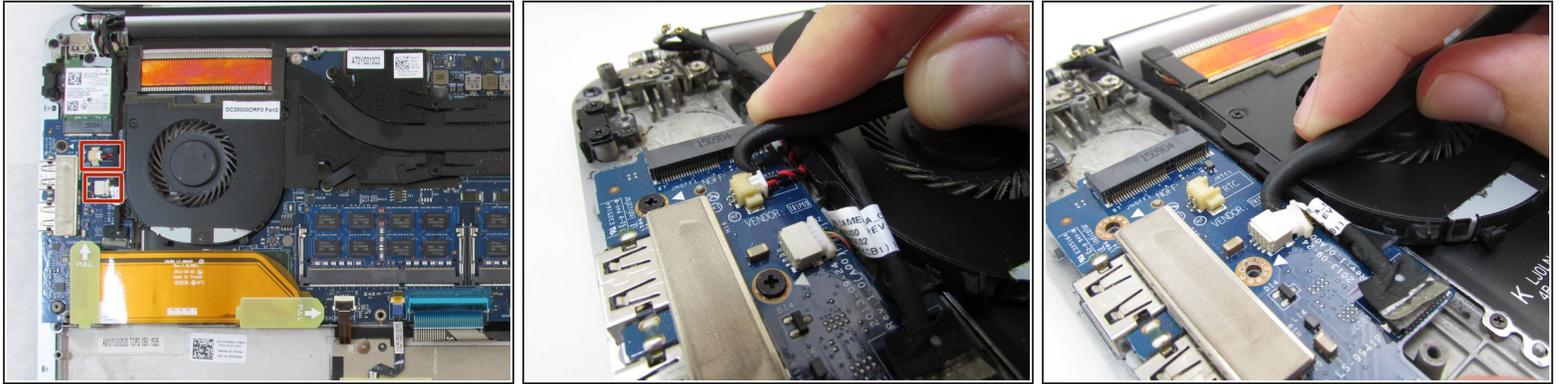
- Disconnect the orange wire with the two pull tabs by pulling upwards on the pull tabs.

### Step 4



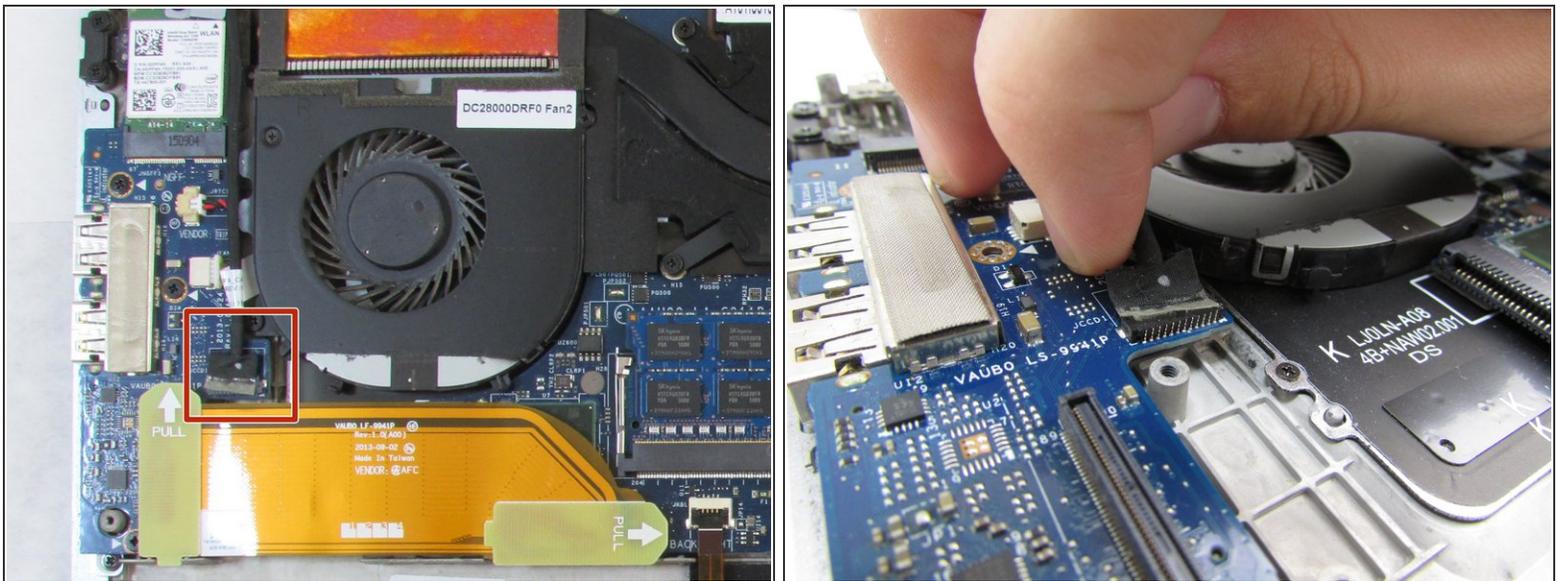
- Remove the single 3.5 mm screw at the top of the left side holding the silver bracket using a Phillips #00 screwdriver.
- Remove the LAN chip by pulling from the top away from the connector.

## Step 5



- Disconnect the wires that are connected to left side of the motherboard with a hooked prying tool.

## Step 6



- Disconnect the black wire that is connected to left side of the motherboard.

## Step 7



- Unscrew the three 3.5 mm screws that secure the circuit board using a Phillips #00 screwdriver.
- Remove the circuit board by lifting upward.
- To fully remove the USB ports from the circuit board, you'll need to desolder the points. Use the [How to Solder and Desolder Connections guide](#) for more information on soldering and desoldering connections.

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