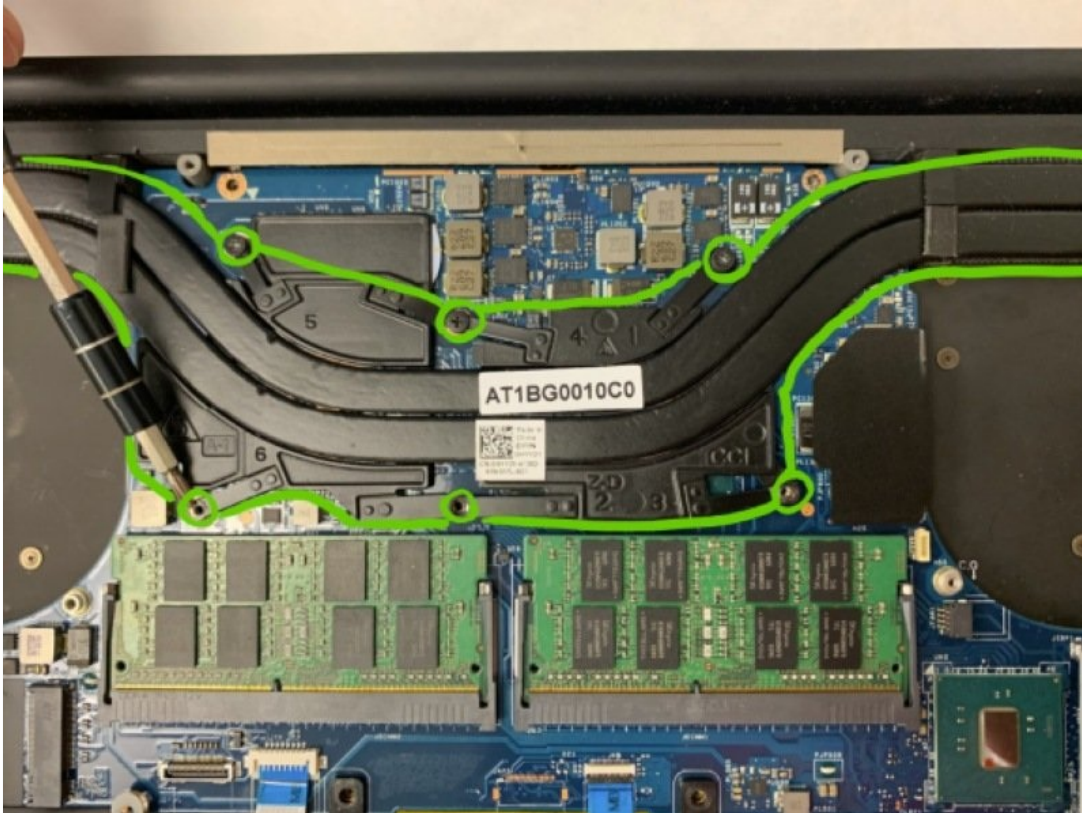# Dell Precision 5510 Keyboard Replacement

If the keyboard is broken, missing, or...

Written By: Colin Hunter

INTRODUCTION

If the keyboard is broken, missing, or malfunctioning you can replace the keyboard of the Dell Precision 5510 in 5 steps by following this guide.
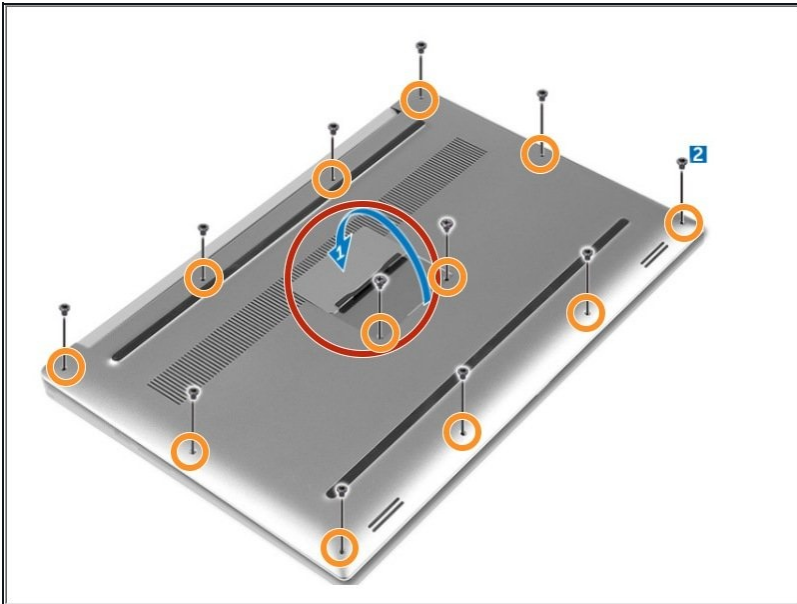
🔧 TOOLS:

JIS #0 Screwdriver (1)
Tweezers (1)
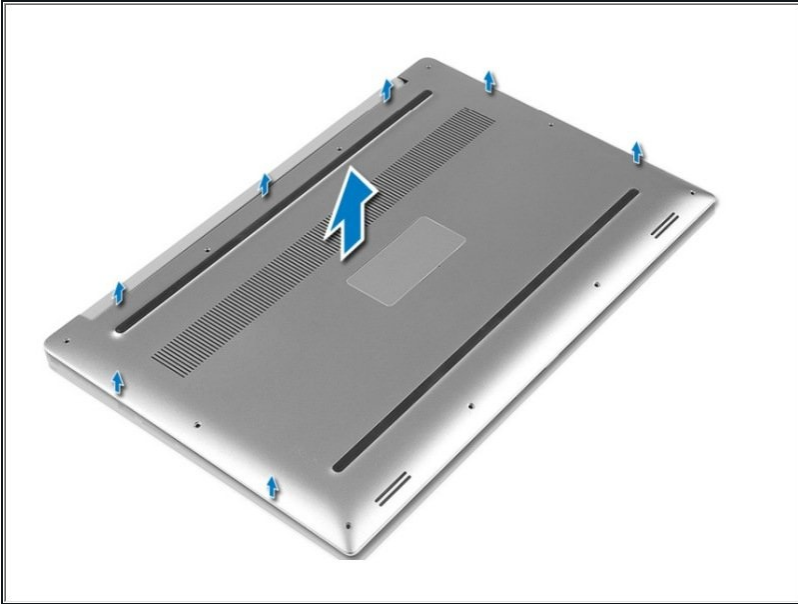Phillips #0 Screwdriver (1)

⚙ PARTS:

Dell Keyboard - GDT9F (1)
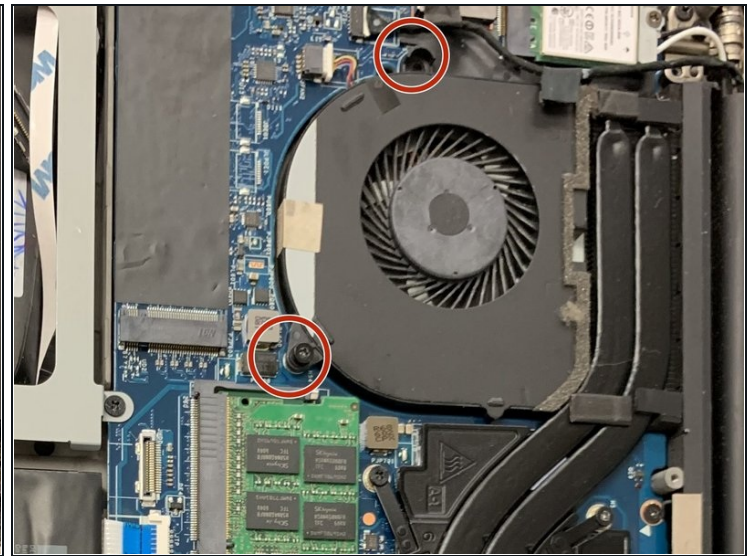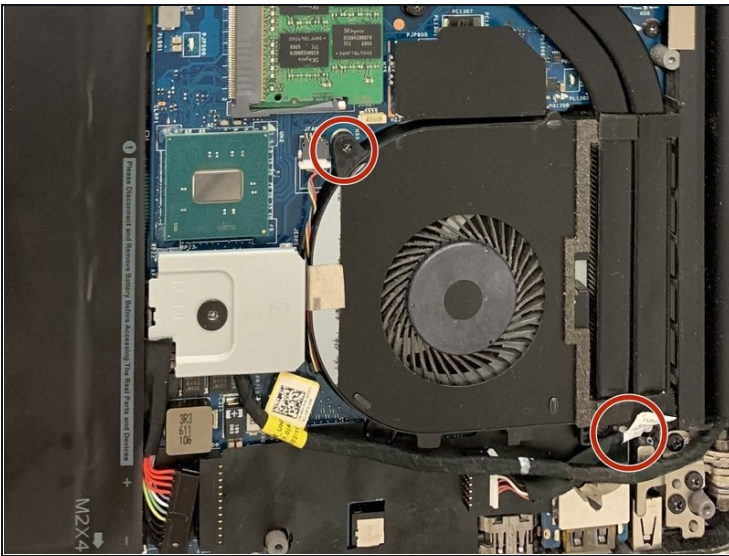
Step 1 — Base Cover

- Open the system badge flap over to reveal the screws underneath (marked 1 on the image).

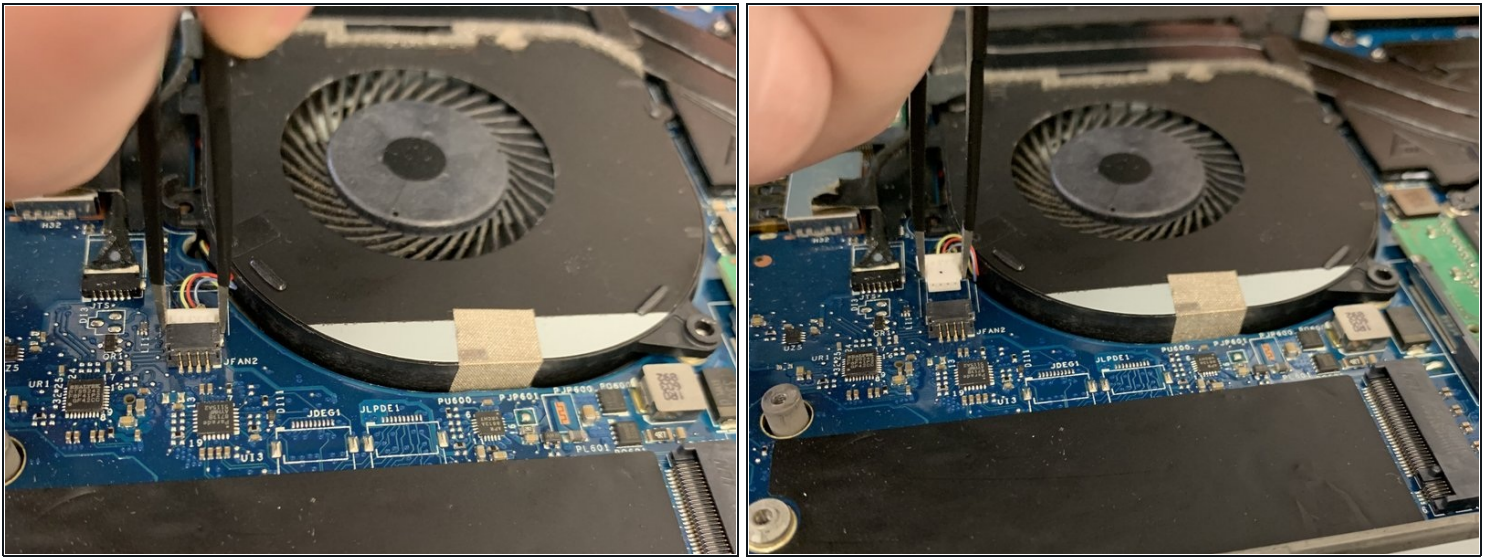- Remove the 12 screws that secure the base cover to the computer.

Step 2

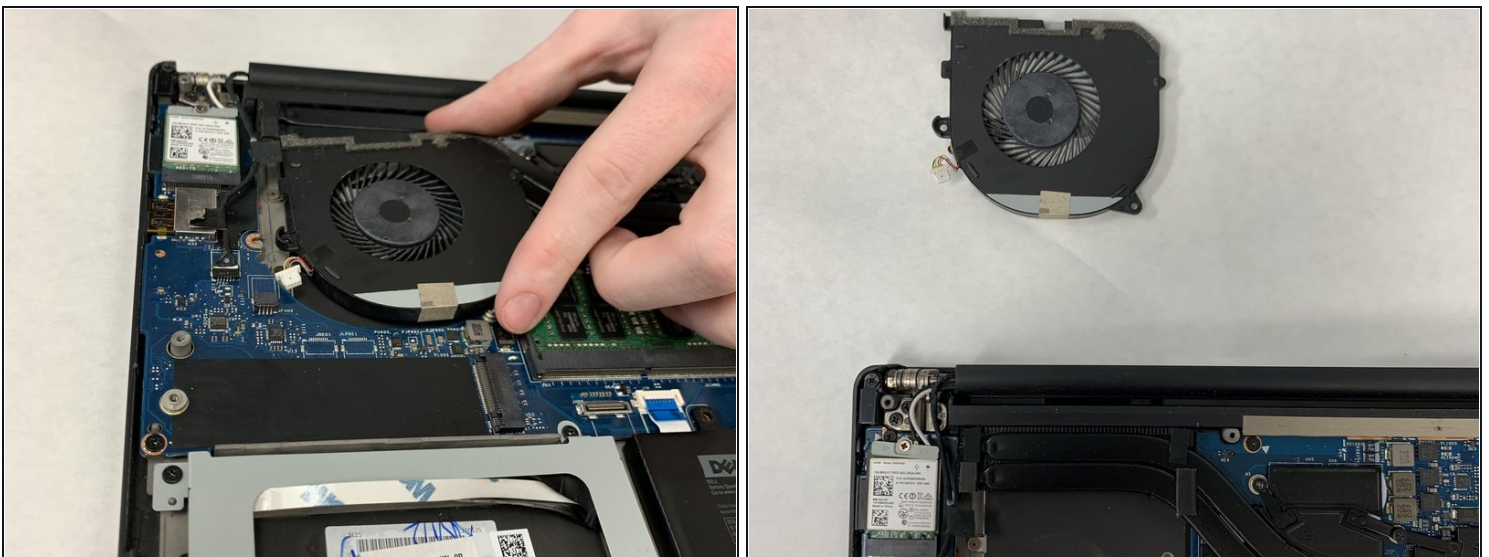- Pry the edges base cover and lift it to remove it from computer.

Step 3 — Fans

- There are two screws on each fan circled in the images shown. Use a Phillips #0 screwdriver to remove all four screws.

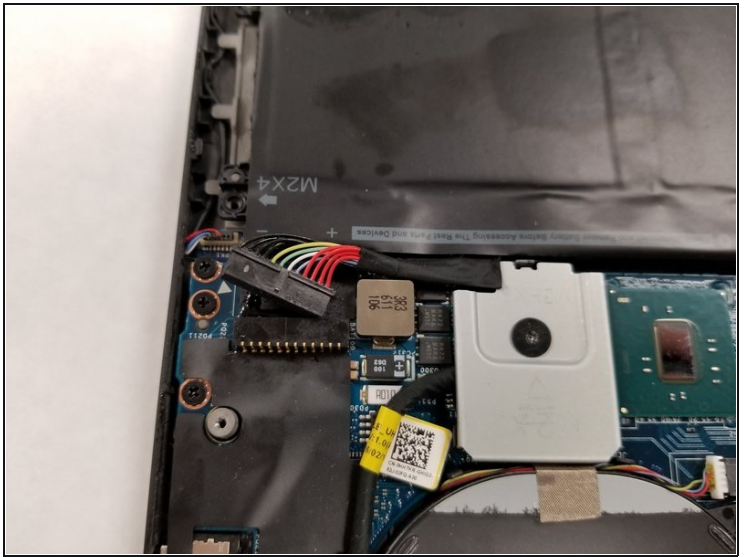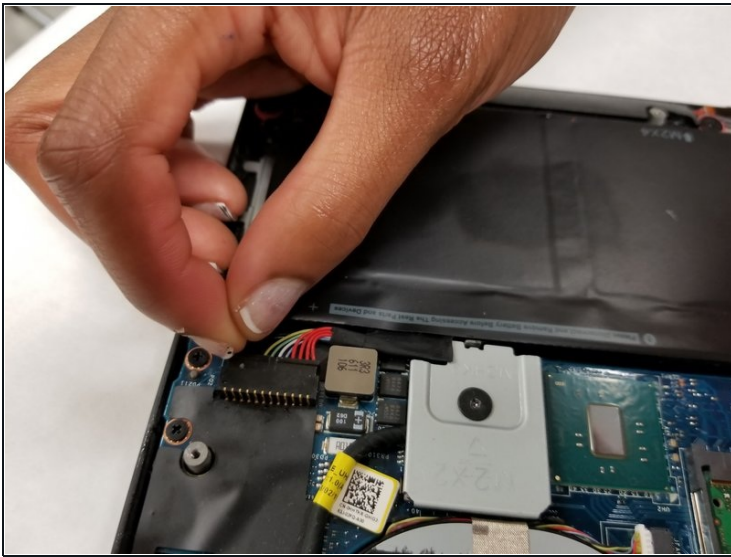 📌 Each fan has one 3.7mm screw and one 4.65mm screw.

Step 4

- Each of the fans are plugged into the motherboard. Use tweezers to pull the plug out.

ⓘ Do not grab by the wires, grab by the white rectangular region.

Step 5

- Carefully extract the fan from its housing bed. It should remove easily if all parts have been disconnected.
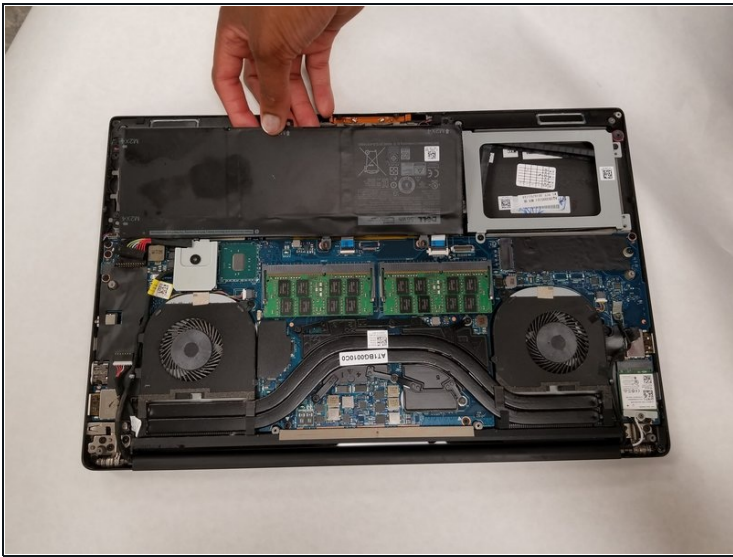
Step 6 — Battery

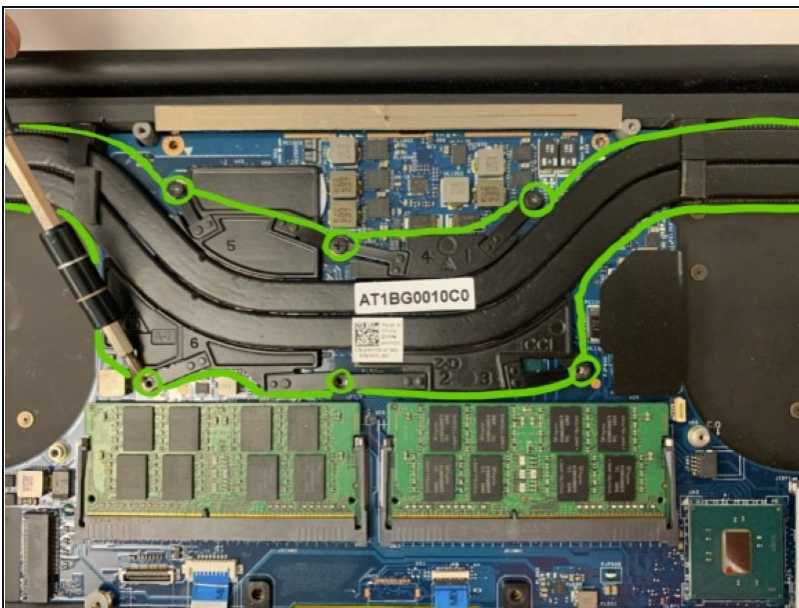- Unplug the connection that links the battery to the computer.

Step 7

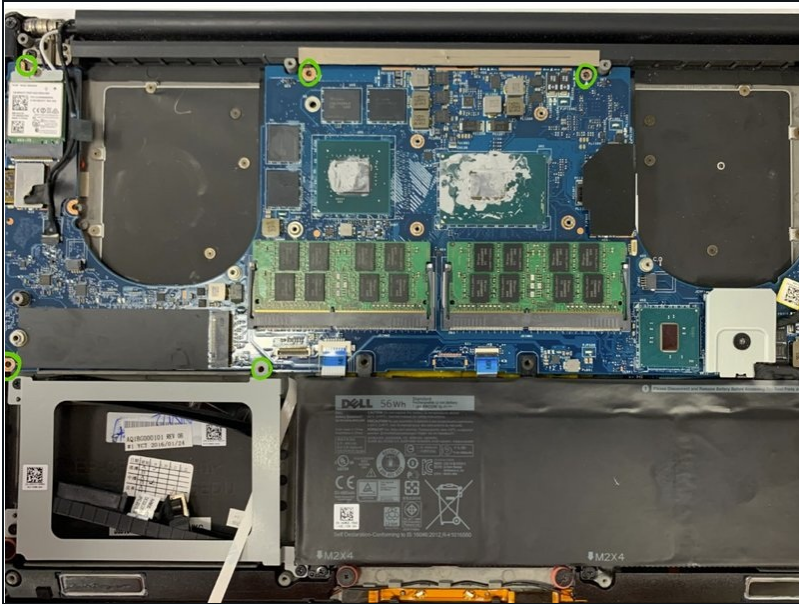- Remove the four 4.0 mm JIS #0 screws surrounding the battery.

Step 8

- Carefully remove the battery from the computer.

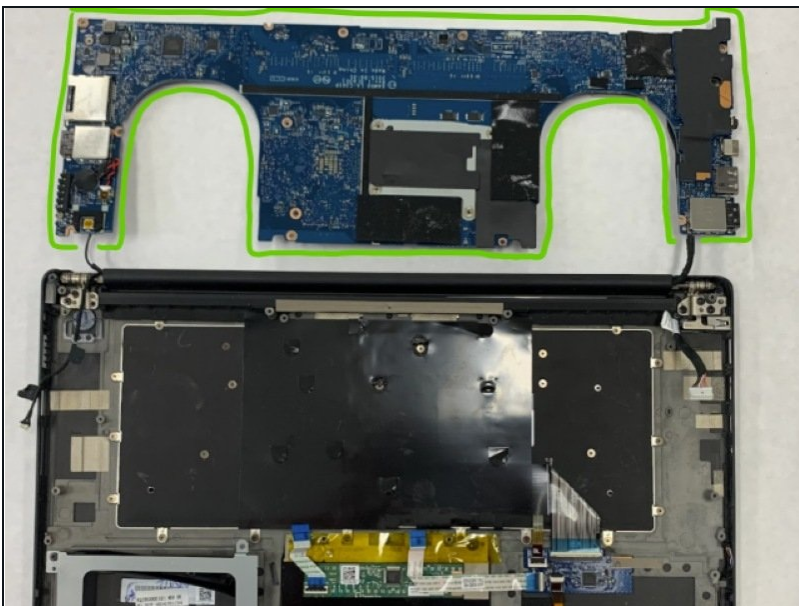## Step 9 — Keyboard

- Remove 6 screws to take off the heat sink.

Step 10

- Remove all standalone motherboard screws.

- 8 screws with lengths of either 3.7mm or 4.65mm

Step 11

- Remove the motherboard.

Step 12

- Remove nine screws from the back of the keyboard.

- Screws are 1.9mm in length

Step 13

- Pull keyboard out and replace.

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