Dell Latitude E7470 Keyboard Replacement

This guide is going to show you how to replace the keyboard in the Dell Latitude E7470.

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INTRODUCTION

This guide is going to show you how to replace the keyboard, But first, we need to remove whatever covers the keyboard. So this is going to be time-consuming. Be patient!

Before you start your replacement, make sure that you have powered off your laptop completely

TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- iFixit Opening Picks set of 6 (1)
- Anti-Static Wrist Strap (1)
Step 1 — RAM

- Grab the two clips beside the RAM stick and pull them outward. The RAM stick should release.
- Remove the RAM from the device.
- Repeat this for second RAM stick
Step 2 — Fan and Heatsink

After opening the backcase of the computer, remove the screws using the Phillips #0 screwdriver.

Unplug and remove the wire from the socket.

Step 3

Remove the fan and heatsink from the laptop.

Make sure to wipe off the existing thermal paste from the CPU and heatsink with an alcohol-soaked pad and apply a new layer.
Step 4 — Battery

- Use the pull tab on the battery connector to lift the connector straight up off its socket on the motherboard, disconnecting it.

Step 5

- Remove the single 4 mm Phillips screw securing the bottom left corner of the battery.
- If you are removing an extended capacity battery, remove the Phillips screw securing the bottom right corner of the battery.
Step 6

- Remove the battery from the laptop.

Step 7 — Motherboard

- Remove all the screws using a Phillips #0 screwdriver.
- Disconnect all of the cables from the motherboard.
Step 8

- Remove the motherboard from the laptop.

Step 9 — Keyboard

- Use a Phillips #0 screwdriver to remove the seventeen 4 mm screws.
Step 10

- Disconnect the four ribbon wires labeled by the red rectangles by pushing aside the metal release tab and gently pulling the ribbon wire.

Step 11

- Remove the keyboard from the device.
To reassemble your device, follow these instructions in reverse order.