Dell XPS 10 Motherboard Replacement

With the required tools and time, a Dell XPS 10...

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INTRODUCTION

With the required tools and time, a Dell XPS 10 can be fixed in under an hour.

"Do not use metal tools to pry connectors off the board. You can cause a short circuit and fry your motherboard if you do so."

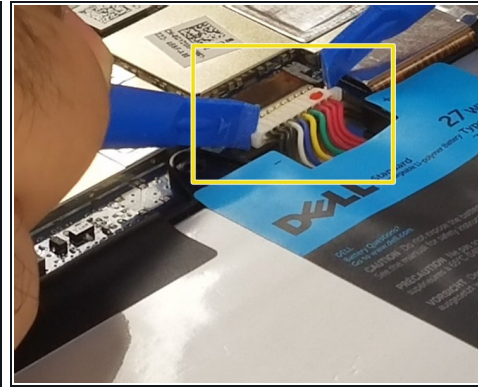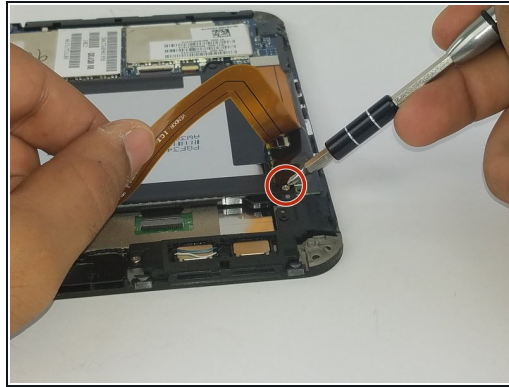## 🔧 TOOLS:
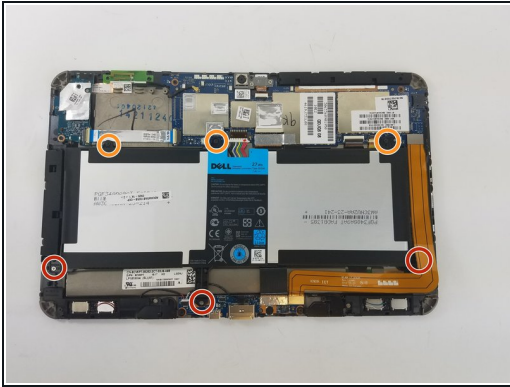
iFixit Opening Tool (1)
Phillips #0 Screwdriver (1)
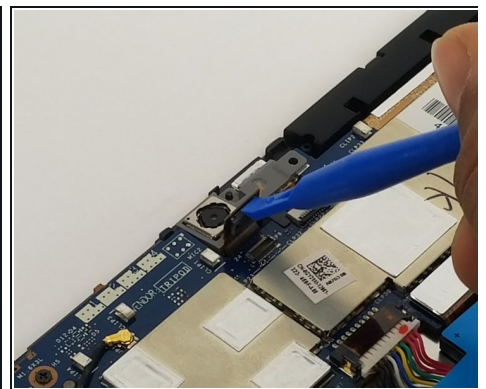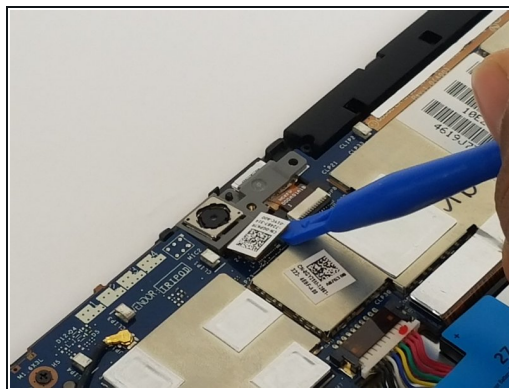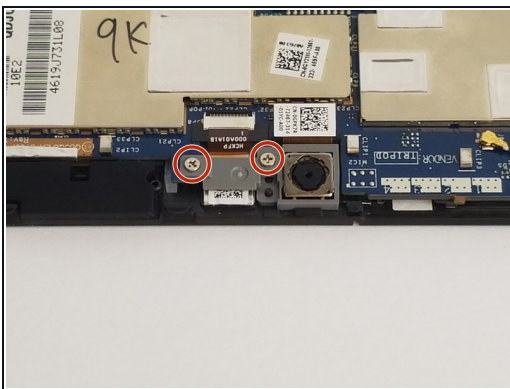Heavy-Duty Spudger (1)

Step 1 — Battery

- Slide one of the plastic opening tools in the crack on the side of the device with the windows button.

- Slide the other plastic opening tool facing the opposite way in the crack next to the first one and pry the back cover off a little bit at a time or slide them around the edge as necessary.

- Finally, slide the two plastic opening tools all around the case until it is open.

Step 2

- Unscrew the three black, 4mm screws with a phillips screwdriver size PH 0 (one of which is under the gold colored ribbon cable.)

- Unscrew the three gray, 3mm screws with the same screwdriver (phillips screwdriver size PH 0.)

- Unplug the connector the connects the battery to the mother board.
  - ⓘ Make sure to use a plastic opening tool instead of a metal spudger to avoid any unnecessary accidental shorting out of components.
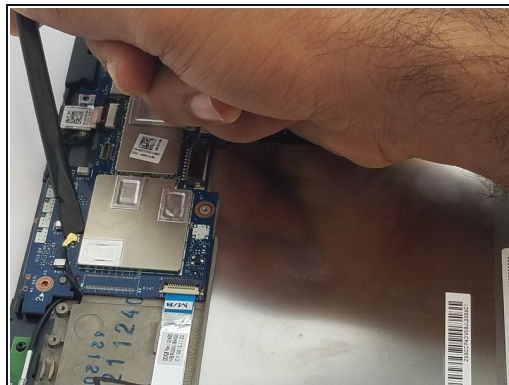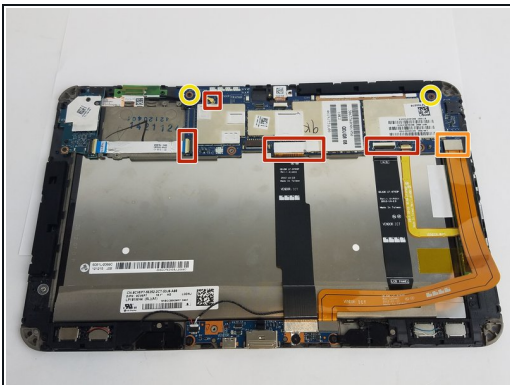
Step 3 — Front and Rear Camera

- Unscrew the two screws shown circled in red in the picture.

- Use a #0 Phillips screwdriver to remove the two 4 mm screws

- Lift up the plug that connects the camera to the motherboard using the plastic opening tool as shown in the pictures.
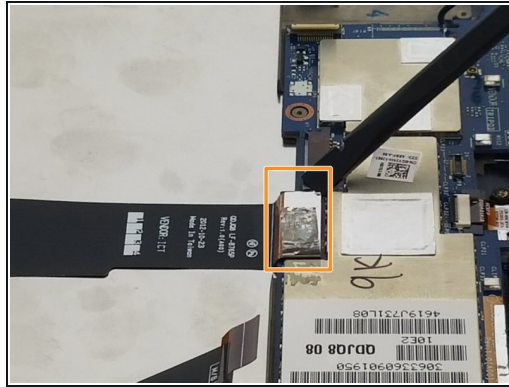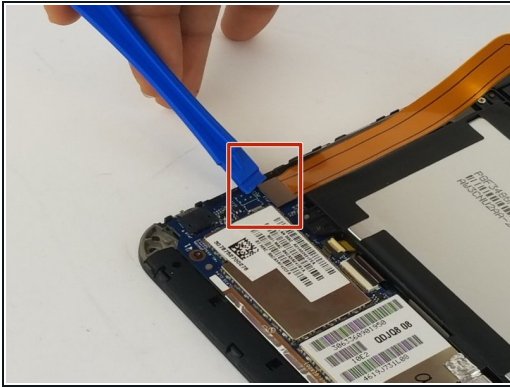
Step 4

ⓘ After the rear facing camera is removed, you may now remove the front facing camera.

● Use the nylon spudger to disconnect the cable on the motherboard.

ⓘ Make sure you use the black plastic spudger to pry up the aluminum tape holding the front facing camera. Be careful as the tape is fragile.

Step 5 — Motherboard

● Use the black spudger to remove all of the ribbon cables except for the wide orange cable.

● Use a plastic opening tool to remove the orange cable.

● Use a #0 Phillips screwdriver to remove the two 3 mm screws.

Step 6

- Continue to disconnect all of the ribbon cables from the motherboard.

- Using the black spudger, remove the aluminum tape from the wide black cable. Be careful not to tear the tape as it is fragile.

- Use a #0 Phillips screwdriver to remove the final two 3 mm screws.

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