Asus X501A-RH31 Keyboard Replacement

This guide will demonstrate how to properly...

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INTRODUCTION

This guide will demonstrate how to properly replace the Asus X501A-RH31 keyboard. Please note that there are parts connecting the keyboard to the motherboard that could easily break if the steps are not executed correctly.

🔧 **TOOLS:**

iFixit Opening Tool (1)
Tweezers (1)
Phillips #00 Screwdriver (1)
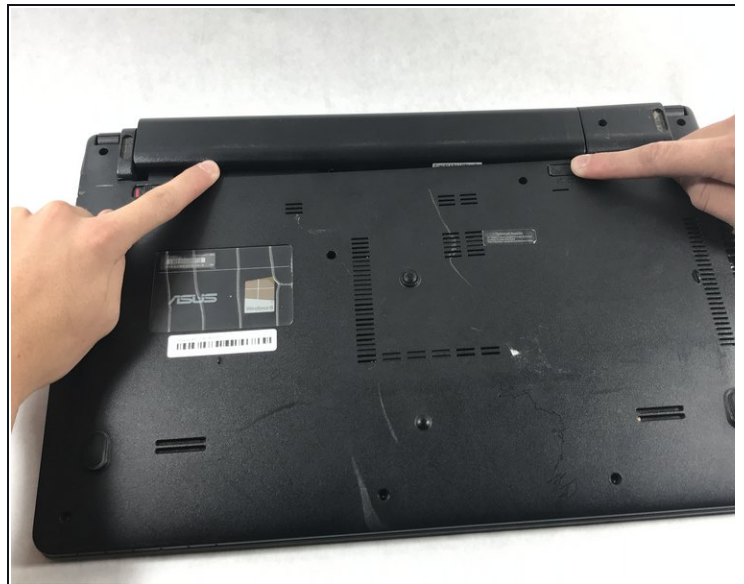
Step 1 — Battery

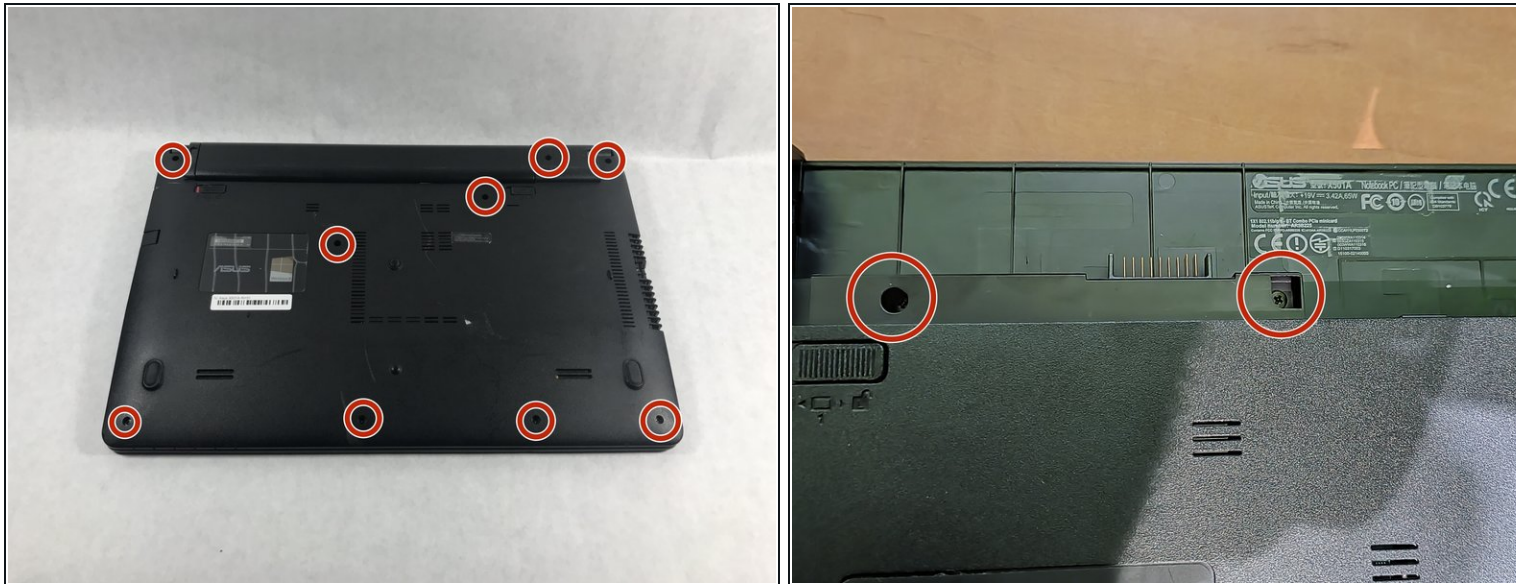- Turn the laptop over so that the back is facing upwards.

Step 2

- To unlock the left tab, make sure the tab on the left has red showing.

Step 3

- To unlock the right tab, push the right slider to the left with one hand.

- Push the battery out with the other hand.
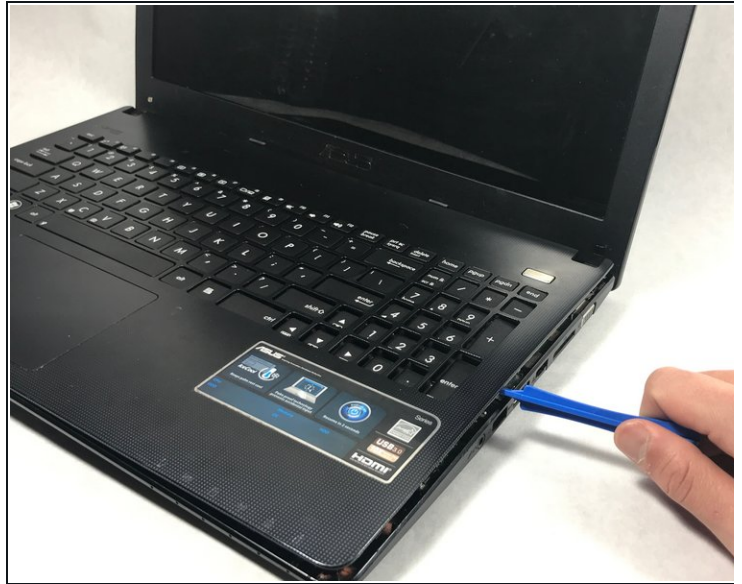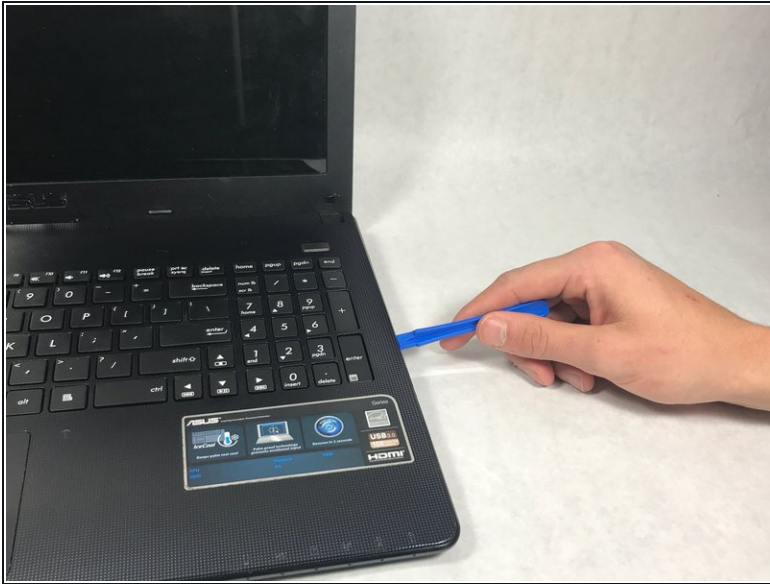
Step 4 — Keyboard

- Using the Phillips #00 screwdriver unscrew all nine screws from the bottom of the laptop, as well as the additional two screws inside the battery compartment.
  - ⓘ Nine of the screws are 5 mm long, 4.5 mm in diameter, while two screws closest to the hinges are 7 mm long.

Step 5

- Turn the laptop over and open the top so the keyboard is facing you.

Step 6

- Pry off the keyboard cover on the edge using the plastic opening tool.

- Start from one side. Once it is lose, carry out the same procedure on the front and other side.

⚠ Only do little sections at a time as the keyboard may break if you attempt to take the whole thing off from a single point.

Step 7

- Slowly lift the keyboard upward, but do not remove completely.

- Remove the two data cables that attach the keyboard to the motherboard.

- Use tweezers to pull the white plastic piece up that is attached to the data cable.

- Repeat this process for the big black cable as well.

⚠ Use caution when unlatching the data cables from the motherboard. The cables are extremely delicate and can break.

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