Asus X501A-RH31 Keyboard Replacement

Replace the Asus X501A-RH31 keyboard.

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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 Tools (1)
- Tweezers (1)
- Phillips #00 Screwdriver (1)

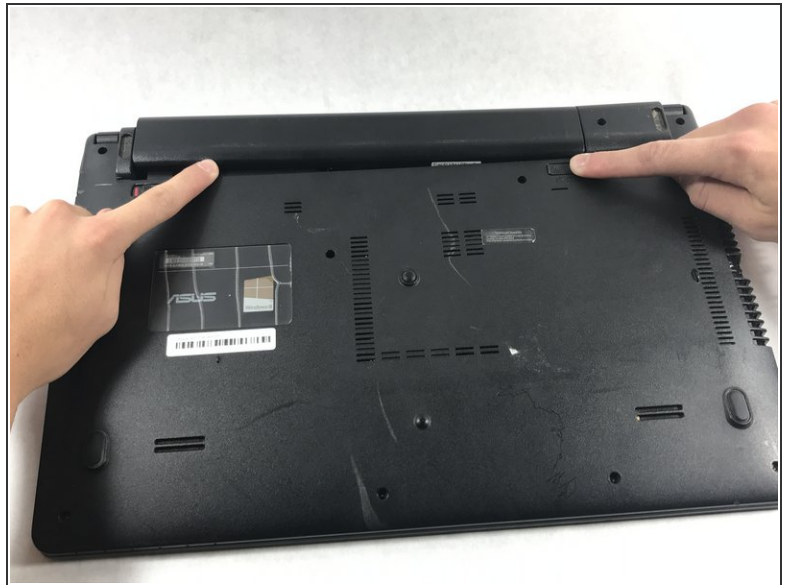This document was generated on 2019-10-03 11:43:53 AM (MST).

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.

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Step 3

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

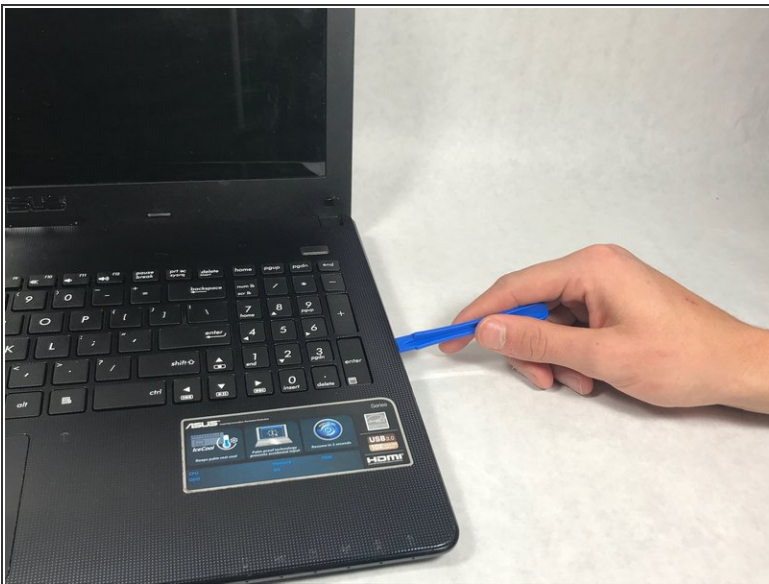- Push the battery out with the other hand.

Step 4 — Keyboard

- Using the Phillips #00 screwdriver unscrew all nine screws from the bottom of the laptop.

  - ⓘ The nine screws are 7 mm long, 4.5 mm in diameter.

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.

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Step 7

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

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

Step 8

- 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.

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