



Asus R510CA-OB01 Keyboard and Mousepad Replacement

Use this guide to replace individual keys of your Asus R510CA-OB01 laptop.

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INTRODUCTION

In the event that you have broken keys or keys that don't work on your laptop, you can use this guide to replace the keys in your keyboard for your device.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tool](#) (1)
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Step 1 — Battery



- Locate the two switches that lock the battery.
- Then, push the right switch outward to unlock it.

Step 2



- Push the left switch outward and push the battery upward at the same time.

Step 3



- Use a Li-ion battery as a replacement for your battery.

Step 4 — Keyboard and Mousepad



- Shut down the computer and disconnect all external devices connected to it.
- Turn the computers that it is upside down. Position the computer with the front towards you.

Step 5



- After detaching the battery, remove the two 5mm screws holding down the casing using a Phillips #00 screwdriver.

Step 6



- Loosen the four 12mm screws on the bottom and top panel of your device using a Phillips #0 screwdriver.

Step 7



- Use the grips to slide the panel off.
- Remove the panel by lifting it off the device.

Step 8



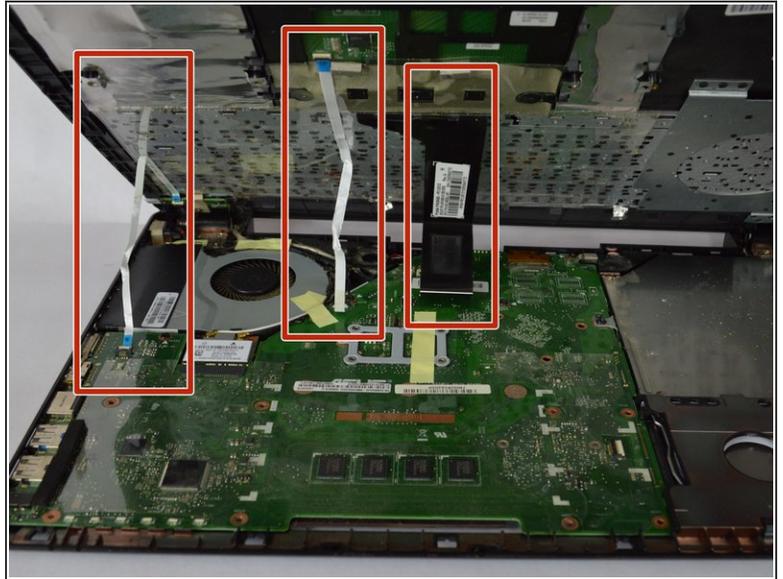
- Remove the three 5mm screws holding down the hard drive and the five 5mm screws holding down the casing using a Phillips #00 bit.

Step 9



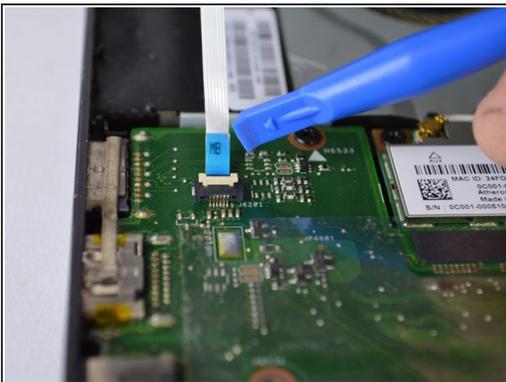
- Turn the laptop the right way up and face it towards you.
- Insert the flat edge of the flat plastic opening tool into the crease of the keyboard cover.
- While the opening tool is in the crease, carefully pry open the casing by sliding the plastic opening tool along the edge.

Step 10



- Make sure that the entire cover has been released from the plastic pins.
- Slowly lift the cover open from the front of the laptop but do not completely remove.
- Note the three locations of the three white and blue data cables connecting the keyboard to the computer's main board.

Step 11



- Remove each data cable from the motherboard by using your finger or the plastic opening tool to lift the white latch.
- The cable will slide out of its place.

Step 12



- With the data cables removed and the keyboard module fully disconnected, the keyboard module should come free from the laptop.

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