Asus Chromebook C213SA-YS02 Keyboard Replacement

How to replace an Asus Chromebook C213SA-YS02 keyboard.

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INTRODUCTION

This Asus Chromebook C213SA-YS02 guide is for when troubleshooting has failed and the keyboard remains nonfunctional. This could be due to things such as broken keys and/or broken signal connections that can not be fixed. A purchase of the compatible keyboards and a few minutes of installation can get the laptop running again.

🔧 TOOLS:

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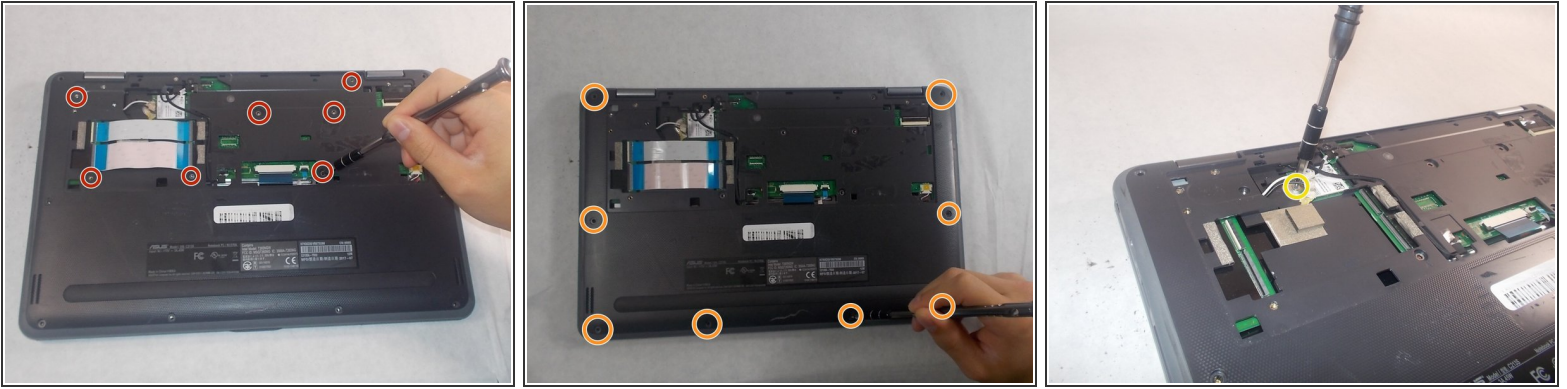- Tweezers (1)

Step 1 — Keyboard

- Power off the device by pressing and holding the power button on the side of the device.

- Remove the power cable from the back of the device (if applicable).

⚠️ Do not move forward if your device is still on. This can cause harm to you and the device!
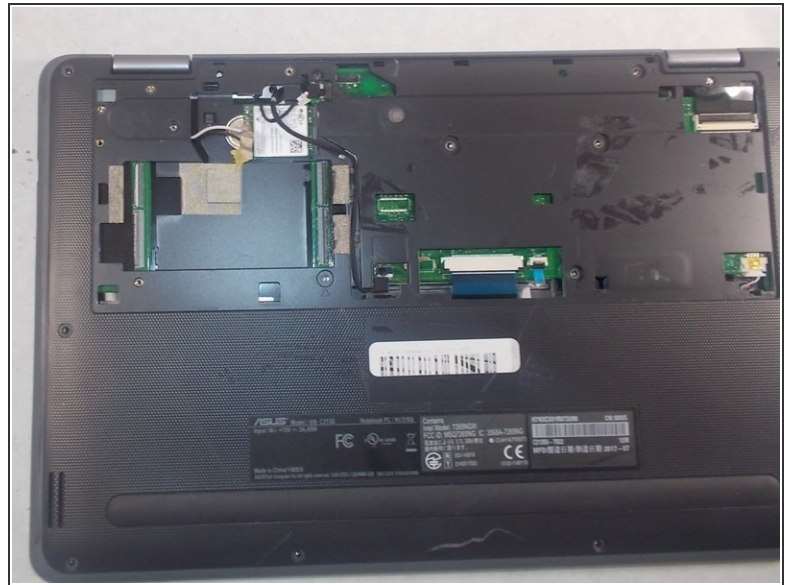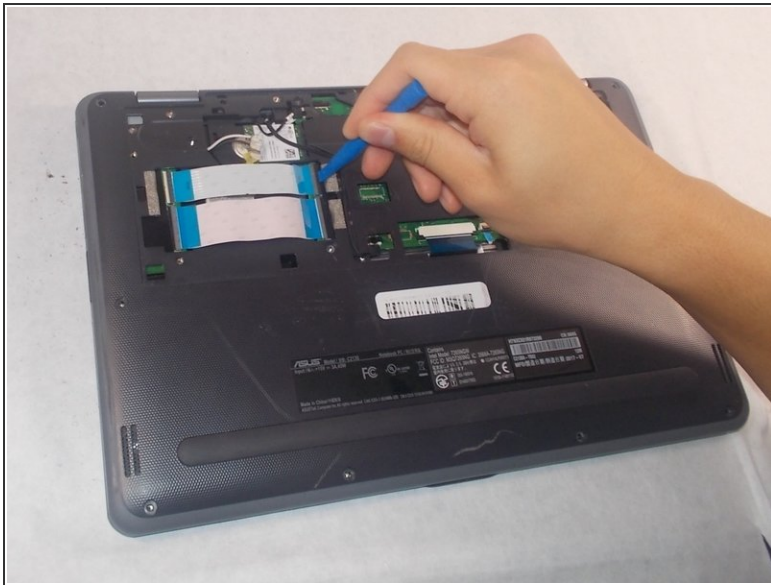
Step 2

- Place the closed device on the table so that the back cover is facing up.

- Remove the one black 4mm Phillips #00 screw on the back cover.

- Place the iFixit opening tool in the slot and lift up the cover.

- Slide the iFixit opening tool around the outside of the cover to remove it.

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Step 3

- Remove the seven black 4mm Phillips screws underneath the back cover.

- Remove the eight black 7mm Phillips #00 screws along the edge of the device.

- Remove the single silver 2mm Phillips #00 screw from the top of the Wi-Fi card.

- Carefully pull the white and black wires out of the card using tweezers.

- Remove the Wi-Fi card.

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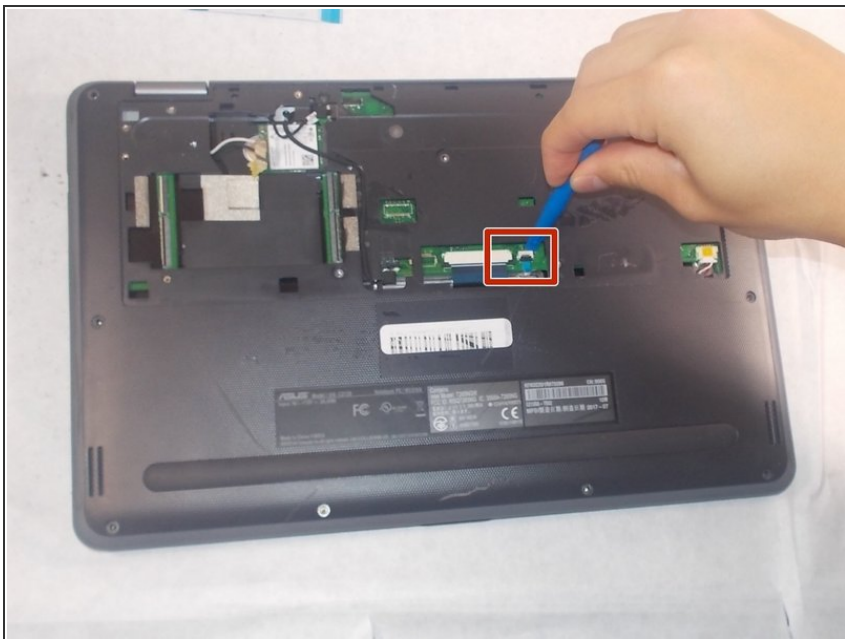www.iFixit.com
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Step 4

- Unhook the two ribbon cables by using the iFixit opening tool to lift the black lock mechanisms up.

- Slide the blue ribbon out of the lock mechanism.

- Repeat these steps for both sides of each blue ribbon.

Step 5

- Using your iFixit opening tool, slide the black lock mechanism toward the serial label.

- Repeat the step on the opposite side of the cable.

- Slide the blue cable out of the port using a pair of tweezers.

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Step 6

- Remove the touchpad cable by lifting the black lock mechanism up by using your iFixit opening tool.

- Gently slide the cable out of its port.

Step 7

- Use the iFixit opening tool to release both ends of the double male end of the speaker cable.

- Disconnect the speaker cable from the port.

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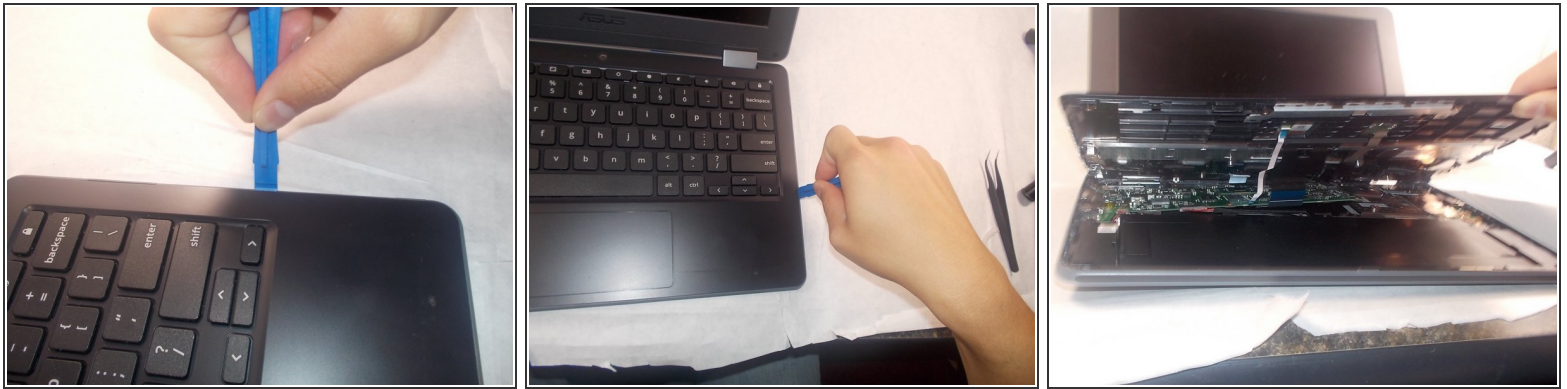
Step 8

- Disconnect the black LCD cable directly above the hinges of the device by using an iFixit opening tool to lift up the black lock.

- Slide the black LCD cable out of the connection port.

Step 9

- Disconnect the black camera cable between the keyboard cable and the two blue ribbons which have been disconnected.

- Using the tweezers, grab the wire end of the cable and carefully pull it away from the connection port.

- Loosely place the disconnected cable away from the connection port.

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Step 10

- Flip the device over and open up the LCD screen.

- Using the iFixit opening tool, gently place the tool in between the back-plate and the keyboard and lift up.

- Slide the tool around the outside of the keyboard and lift up the tool while moving it around the boundary of the keyboard.

⚠ Be careful not to jam the tool deep into keyboard. This could cause damage to the motherboard.

- Pull the keyboard away from the back-plate. Be careful the keyboard cable is not caught on the back-plate while performing this maneuver.

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

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