



Acer Chromebook C730-C4V9 Keyboard Replacement

Replace a damaged keyboard on a C730 series Acer Chromebook.

Written By: Dylan Baldwin



INTRODUCTION

This guide shows the steps on how to replace a keyboard in an Acer Chromebook C730 Series. (C730-C4V9)

PLEASE NOTE: The Chromebook Keyboard isn't supposed to be replaced! This guide involves breaking plastic clips to successfully replace the keyboard! It is recommended to replace individual keys or purchase a new device but if you wish to keep your Chromebook or the keyboard is too far gone, follow this guide.

TOOLS:

- Phillips #0 Screwdriver (1)
- Spudger (1)
- Hot Glue Gun (1)
- Utility Knife (1)

PARTS:

- Acer Chromebook C740/C730E/C720/C720P Keyboard (1)

Step 1 — Rear Cover



⚠ Be sure to have completely shut down the device before attempting to open it.

- Flip the device over and remove the twelve screws.
- Using a spudger slowly pry the case open by inserting the plastic opening tool at the hinges and wedging it between the Back cover and the body.
- *i* Be careful when removing the cover off the device, a ribbon cable is connected to it

Step 2 — Ribbon Cable



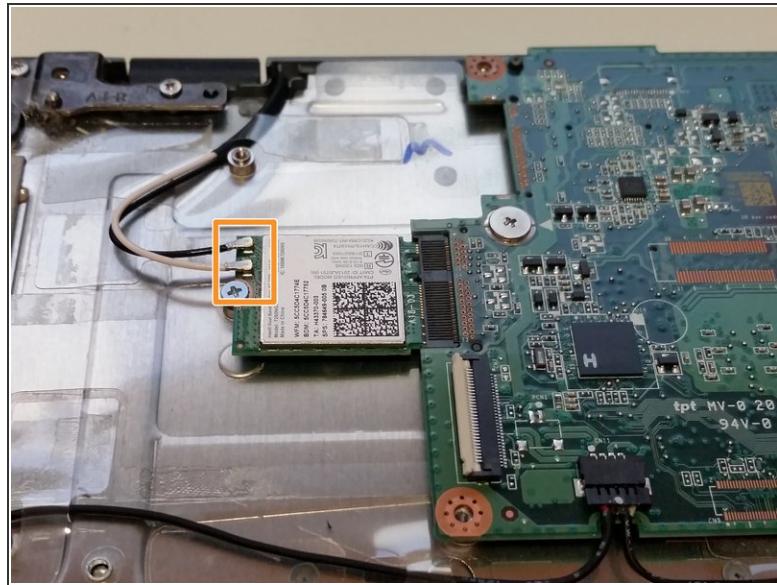
- Remove the USB Ribbon cable by opening the connector on the motherboard and sliding the cable out.

Step 3 — Battery



- Remove the two screws on the sides of the battery.
- Carefully slide the battery forward and the lift up
- Unplug the battery from the motherboard to prevent shortages.

Step 4 — Wi-Fi Chip

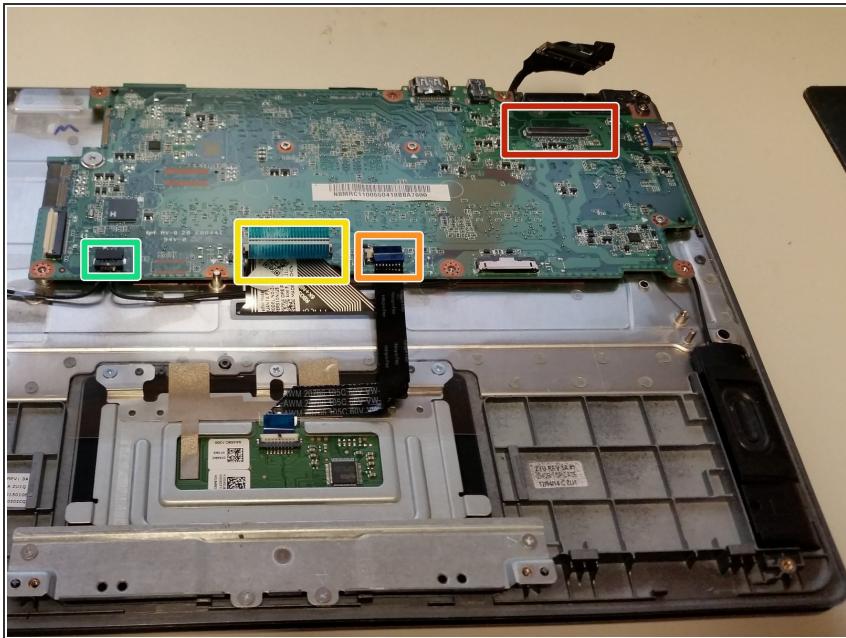


- Remove the screw from the Wi-Fi chip
- Unplug the aerials

(i) Remember the order of the aerials! (Generally black then white)

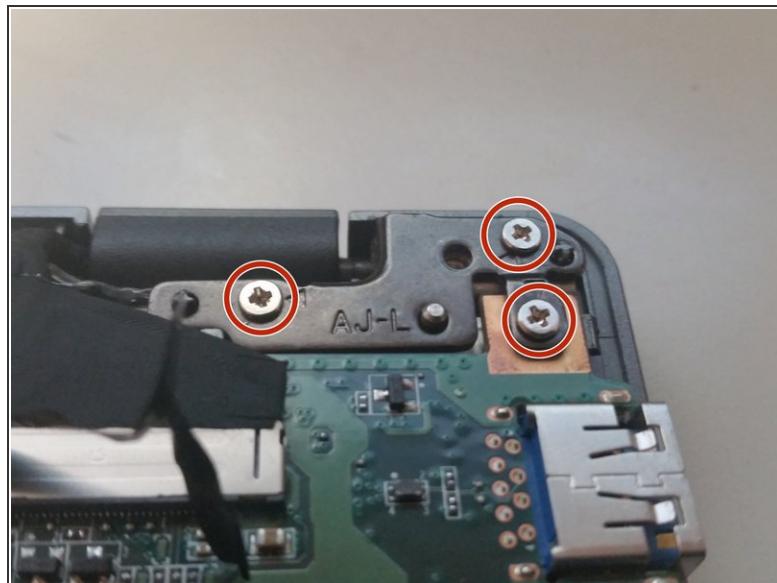
- Slide the chip away from the motherboard

Step 5 — Motherboard Cables



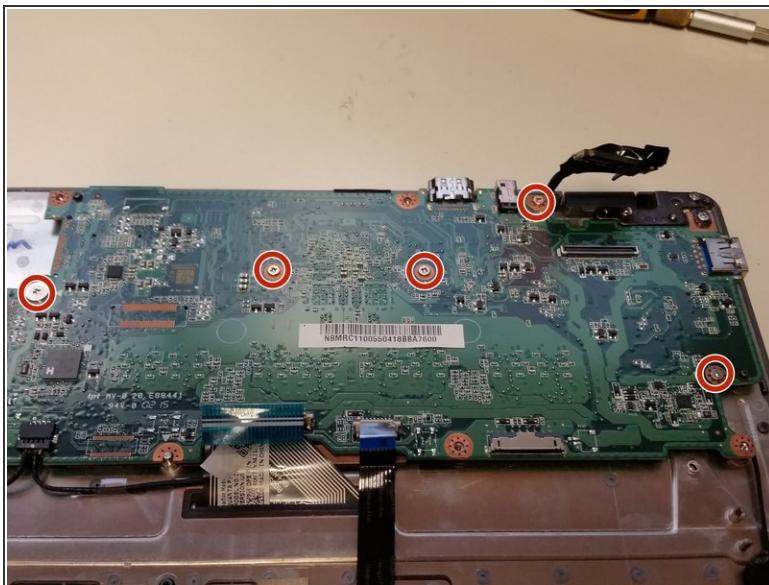
- Remove the screen cable by using the tab and pulling up.
- Remove the track pad cable by opening the connector and sliding the cable away from the motherboard.
- Remove the keyboard cable by opening the connector and sliding it away from the motherboard.
- The speaker cable can be a bit tricky, with the assistance of the plastic opening tool, pull/ply the plug towards you (Carefully!)

Step 6 — Hinges



- Remove the six screws from the hinges.

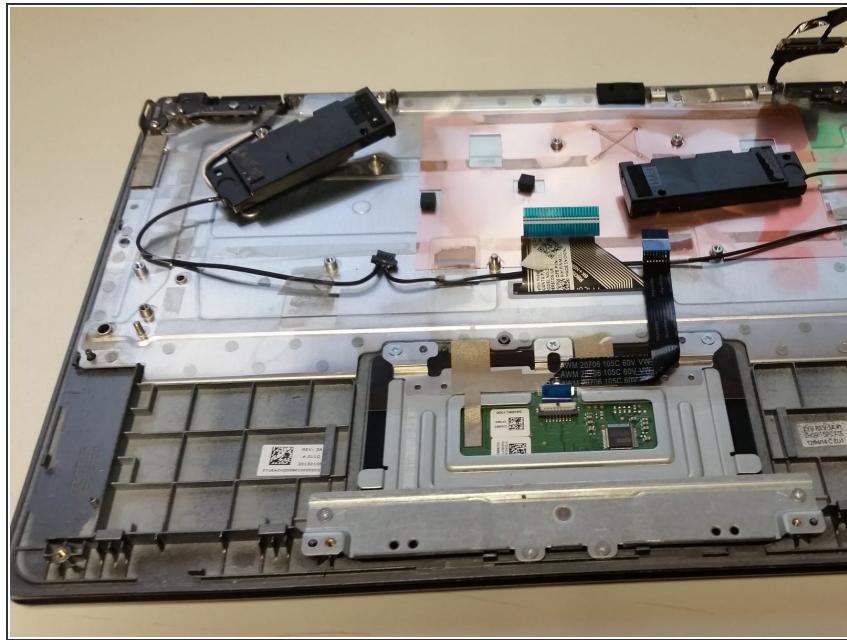
Step 7 — Motherboard



- Using the plastic opening tool, slide it under the right hinge and lift the hinge up so its not sitting on the motherboard.
- Remove the five screws holding the motherboard in.
- Lift the motherboard up slowly.

(i) Try to lift the motherboard up as straight as possible as there is solid thermal grease on the bottom.

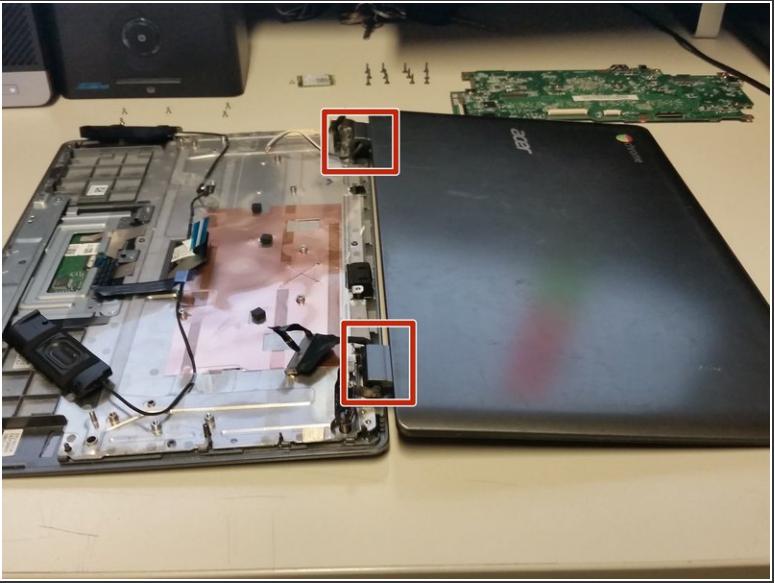
Step 8 — Speakers



- Using the plastic opening tool, insert it under the speakers in the middle and pry them up

i The speakers are held on with double sided tape and will be glued back later. (You can use double sided tape if you wish)

Step 9 — Remove Screen (Optional)



(i) This step is optional, I do it because it makes life so much easier!! But its totally up to you.

- While holding your thumbs on the hinges to keep them in place, open the screen slowly
- Once the screen is almost flat you should feel the hinges come loose.
- Lift the screen up from the body and it should separate.

Step 10 — Remove plastic pins



(i) The motherboard plate is held onto the frame by plastic pins.

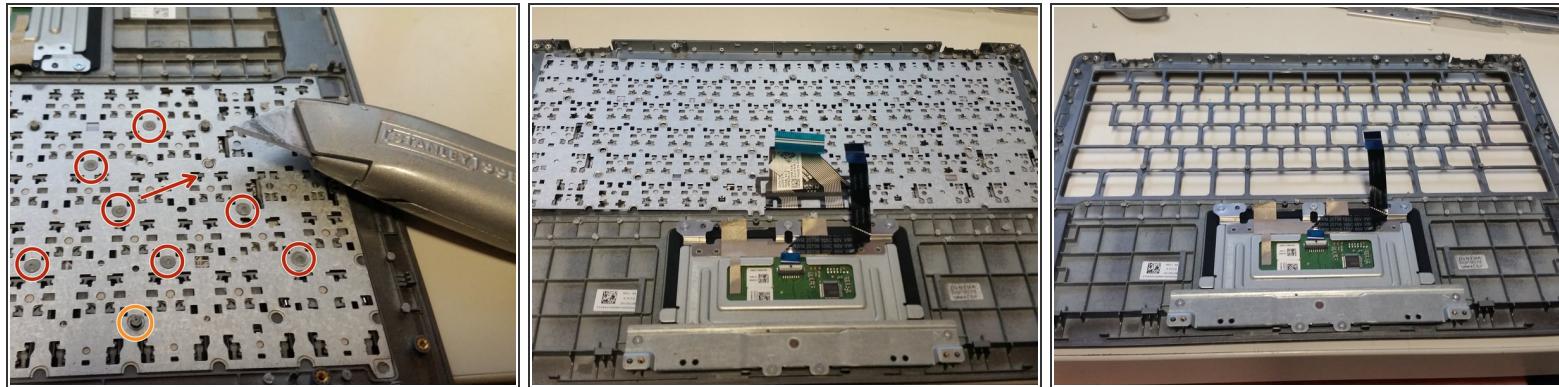
- Work your way along the edges of the plate and attempt to remove the top off every single pen if possible.

Step 11 — Remove Plate



- After removing as many pins as possible work your way around the plate and pry it up.
- Start working your way under the plate to disconnect it from the keyboard.

Step 12 — Remove Keyboard



(i) The keyboard is held onto the frame by plastic pins.

- Work your way along the edges of the keyboard and attempt to remove the top off every single pin if possible.
- Do not cut the pins that stick out above the keyboard, these are for the motherboard plate.
- After you have removed the top off every pin, using the plastic opening tool work your way around the keyboard, it should lift right out.

Step 13 — Secure Keyboard



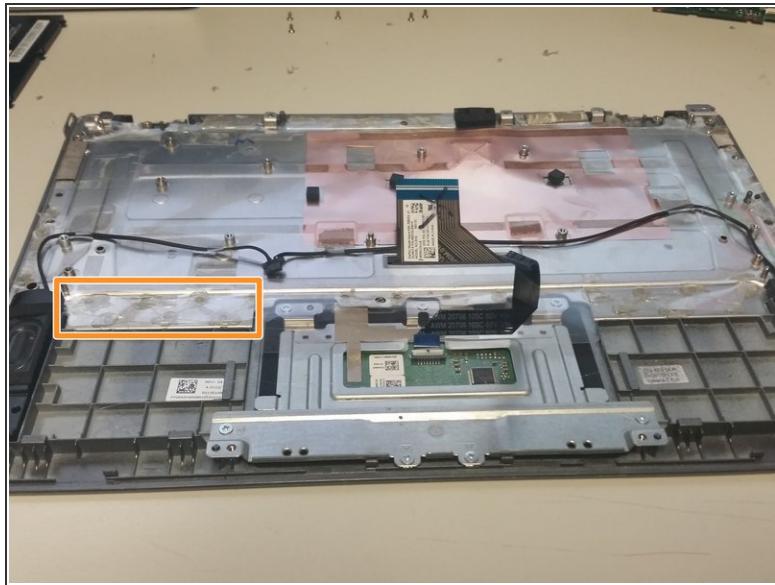
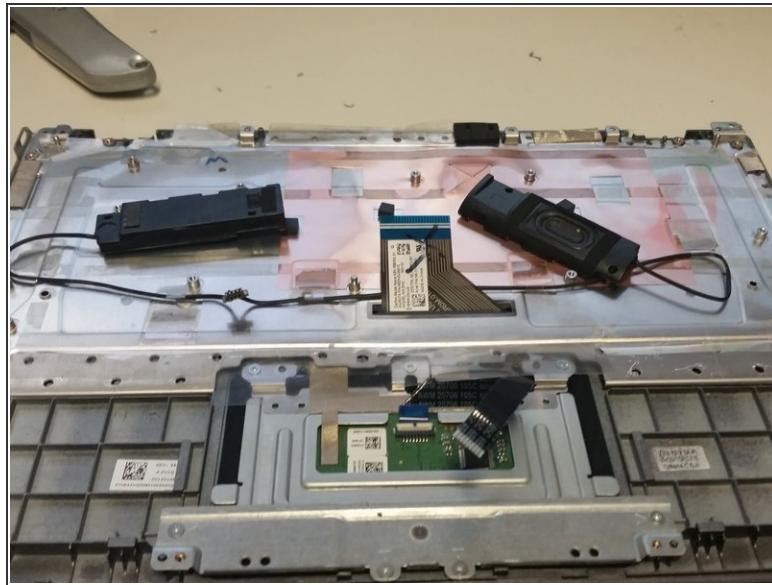
- Place the new keyboard in the frame and ensure it is sitting nicely.
- Once in place, using a hot glue gun start putting small drops of glue on the pins you cut off the keyboard.

i While gluing, keep a constant pressure on the keyboard to ensure it sets while in its optimal position!

- Avoid gluing the pins that are risen! This will affect the fitment of the motherboard plate.

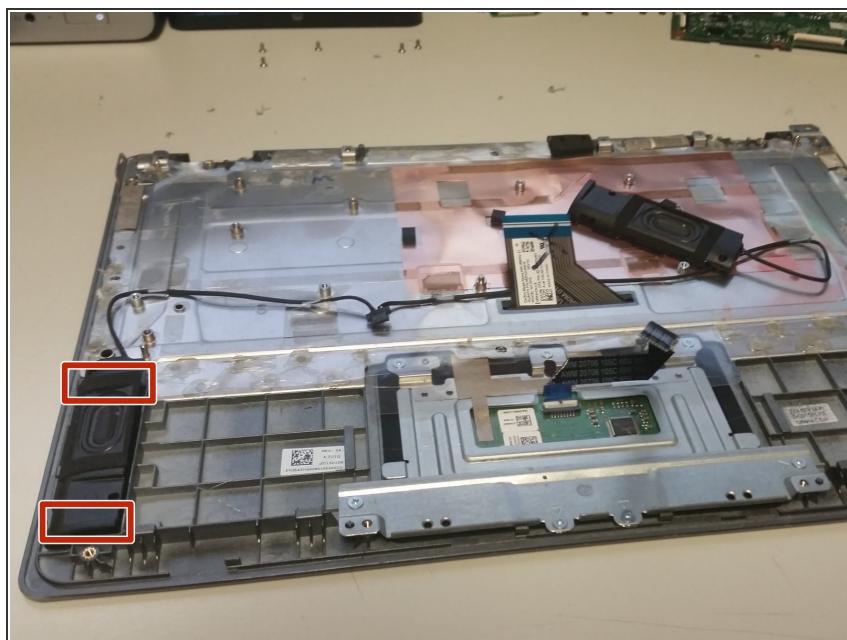
! Do NOT put glue in the keyboard holes that haven't got pins! These holes will leak glue underneath the keys! ONLY place glue on the keyboard pins

Step 14 — Secure Motherboard Plate



- Work your way around the plate putting glue on the plastic pins.
- While gluing, keep a constant pressure on the plate to ensure it sets while in its optimal position!
- ⚠ Only put glue on the plastic pins you cut the tops off!

Step 15 — Secure Speakers



☒ Choose whether to use glue or double sided tape.

- Put a dab of glue at the top and bottom of the speaker (Where the old double sided tape is)
- Place speaker into position.

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