Asus Chromebook C300MA-BBCLN12 Keyboard Replacement

Replace a defective keyboard in the Asus Chromebook C300MA-BBCLN12.
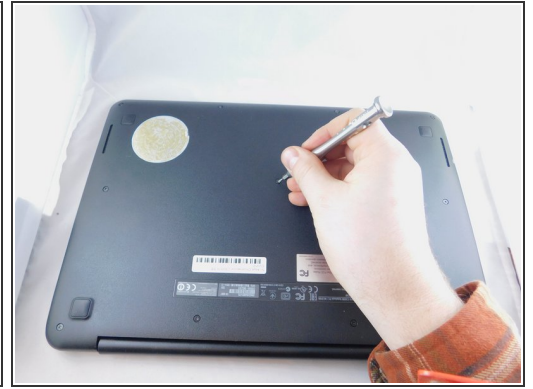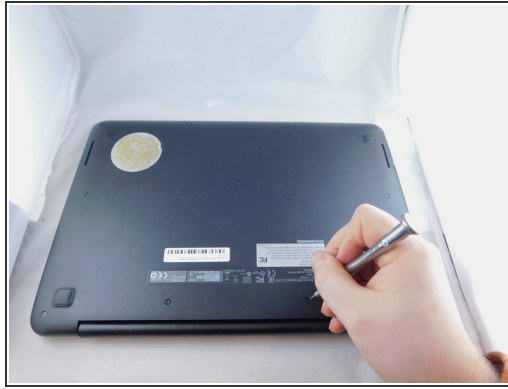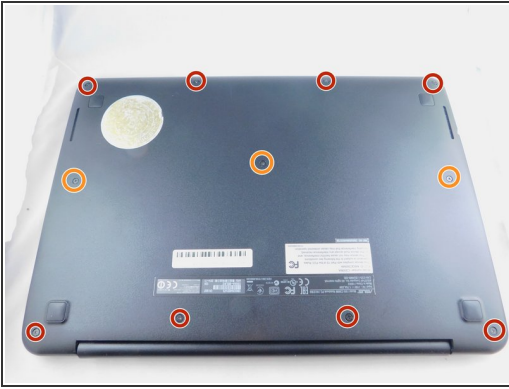
Written By: Brooke Austin

INTRODUCTION

This repair guide provides step-by-step instructions for replacing the keyboard of the ASUS Chromebook C300M-BBCLN12 keyboard. The repair may be required if the keyboard is no longer functional.

🔧 TOOLS:

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

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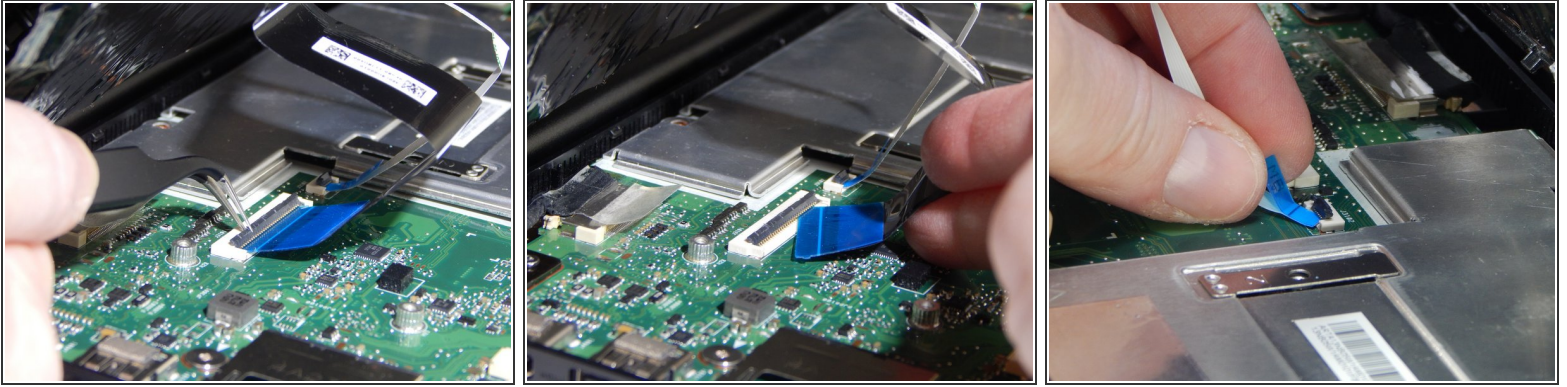
Step 1 — Keyboard

- Remove the eight 9.0mm PH00 Phillips screws along the perimeter of the bottom housing.

- Remove the three 6.0mm PH00 Phillips screws from the center of the bottom housing.
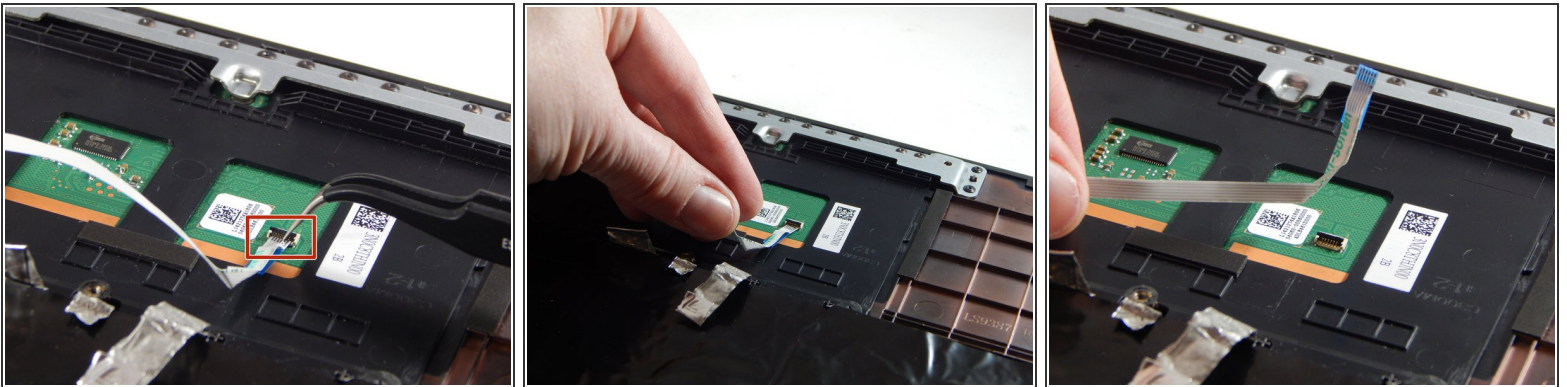
Step 2

- Separate the palm rest assembly from the bottom housing using the plastic opening tool.

- (i) It is recommended that you start from a corner and run the tip of the plastic opening tool along the edge of the housing.

- ⚠ Lift the palm rest assembly slowly to prevent damaging the two cables connecting it to the motherboard.
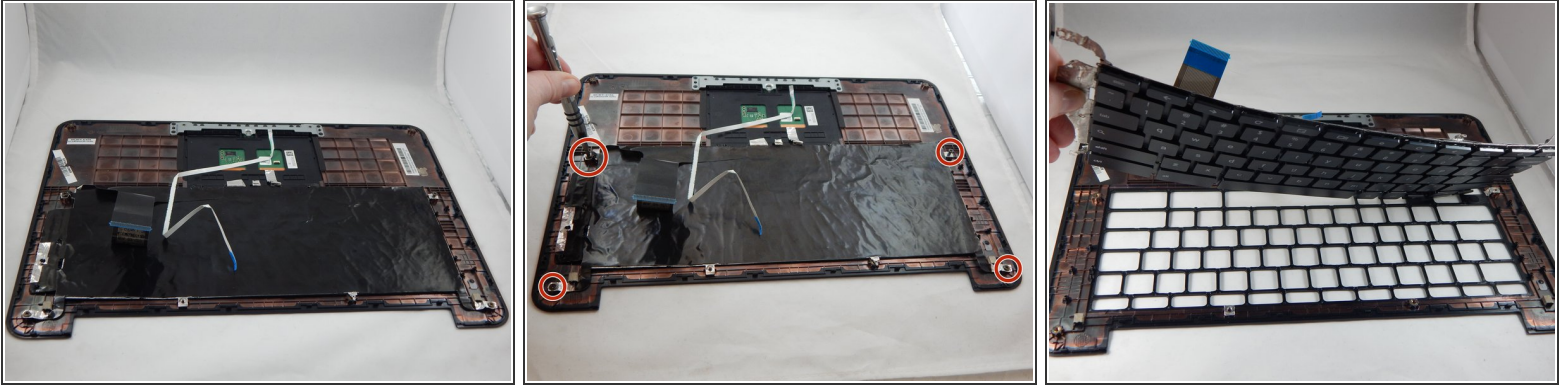
Step 3

- Flip back the hinges on the connectors that secure the wide black cable and the narrow white cable using the tweezers.

- Disconnect the wide black cable from the motherboard by pulling the blue cable tab straight out of the connector.

- Disconnect the white ribbon cable from the motherboard by pulling the blue cable tab straight out of the connector.

Step 4

- Flip back the hinge on the connector that secures the white ribbon cable to the underside of the palm rest assembly using the tweezers.

- Disconnect the white ribbon cable from the palm rest assembly by pulling the cable straight out of the connector.

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Step 5

- Remove the palm rest assembly from the bottom housing and lay it on a flat surface with the keyboard facing downward.

- Remove the four 5.0mm PH00 Phillips screws securing the keyboard to the palm rest assembly.

- Separate the keyboard from the palm rest assembly.

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