



Acer Chromebook 14 CB3-431-C7EX

Headphone Jack Replacement

This is a guide for removing/replacing the headphone jack of the Acer Chromebook 14 CB3-431-C7EX.

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INTRODUCTION

If the Acer Chromebook 14 CB3-431-C7EX has distorted audio when using the headphone jack, use this guide to replace the headphone jack.

The headphone jack of the Acer Chromebook 14 allows the users to use external audio sources. A faulty headphone jack may cause the Acer Chromebook 14 to experience distorted audio or lack of audio playback in to the user's headphones.

Before buying a replacement headphone jack, use the guide to ensure that the headphone jack is properly connected within the laptop and free of any obstruction within the jack. You may be able to fix this issue by reconnecting a loose connector.

Before beginning, be sure to power down the laptop, and unplug from the external power source(s).

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
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Step 1 — Headphone Jack



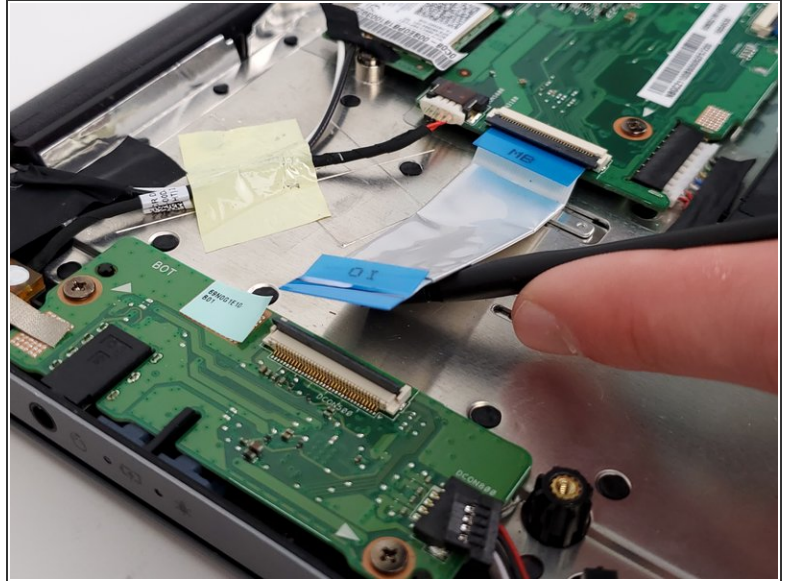
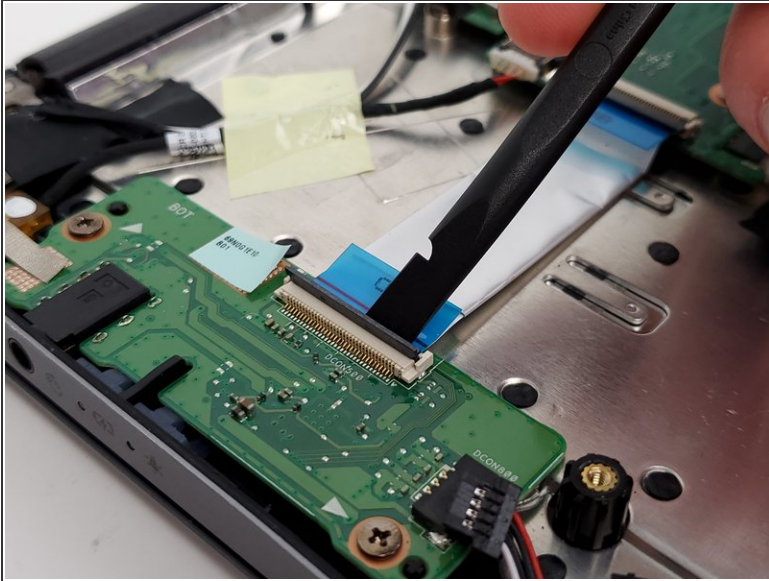
- Use a Phillips #0 screwdriver to unscrew the eight 4mm screws.
- Use a Phillips #0 screwdriver to unscrew the two 7mm screws.
- ⓘ iFixit's magnetic project mat is great for keeping the screws organized.
- Remove the cover of the device by prying up from one of the edges with a spudger or plastic opening tool.
- ⓘ If the back cover is hard to remove, carefully use a metal spudger to remove the back cover.

Step 2



- Use a spudger to disconnect the speaker connector from the bottom of the sound card. The connector should slide out toward the left speaker's housing.
- ⓘ Be sure to remove the connector evenly from the port.

Step 3



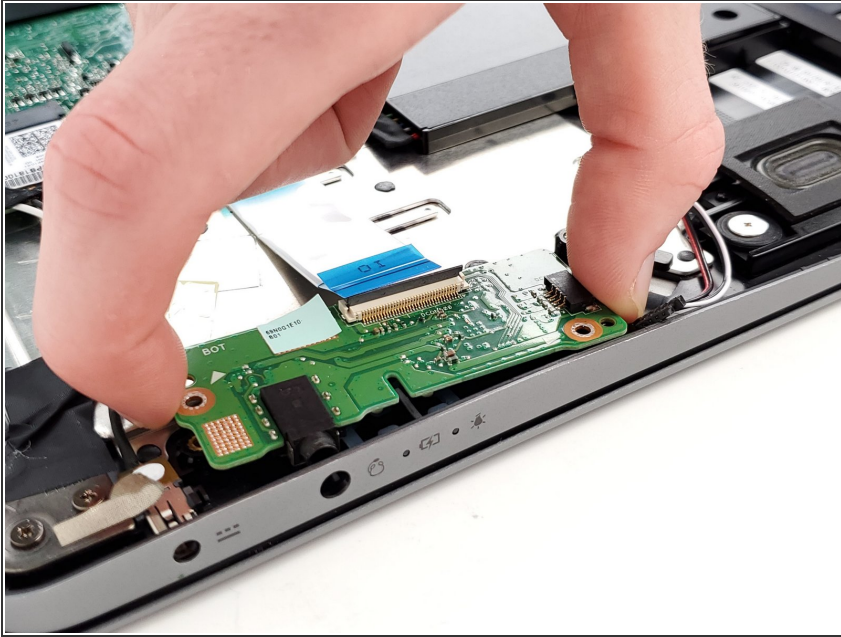
- Use a spudger to carefully disconnect the ribbon connector from the right side of the sound card. The connector should slide out toward the motherboard.
- ⓘ Be sure to remove the connector evenly from the port, as the ribbon connector may be fragile.

Step 4



- Use a Phillips #0 screwdriver to unscrew the two 4mm screws.

Step 5



- Slide the sound card towards the motherboard until the headphone jack is out of its hole on the side of the laptop.
- Lift the sound card directly up from the laptop to remove it.

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