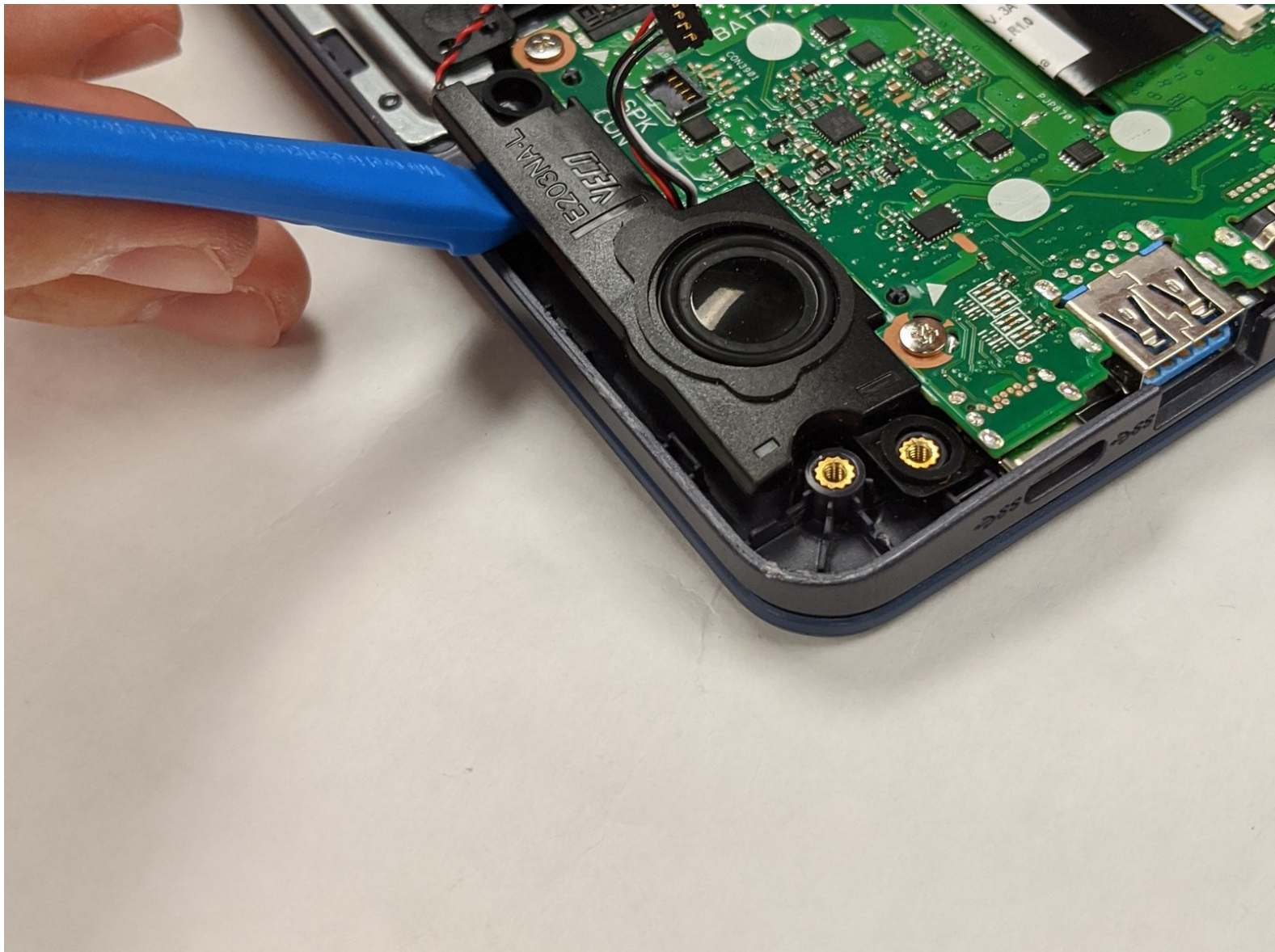




# Asus VivoBook E203MA-TBCL432B Speaker Replacement

This guide will help through changing the speakers on an Asus VivoBook E203MA-TBCL432B .

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## INTRODUCTION

If your Asus VivoBook E203MA-TBCL432B isn't producing clear audio through its built-in speakers, use this guide to replace the built-in audio speakers.

Properly working speakers should play audio with no distortion to the sound. A faulty speaker will transmit distorted audio or no audio at all.

Before beginning, make sure to power off your laptop completely and disconnect from any external power source. Overall, this is a relatively simple repair that does not require advanced technical skills.



### TOOLS:

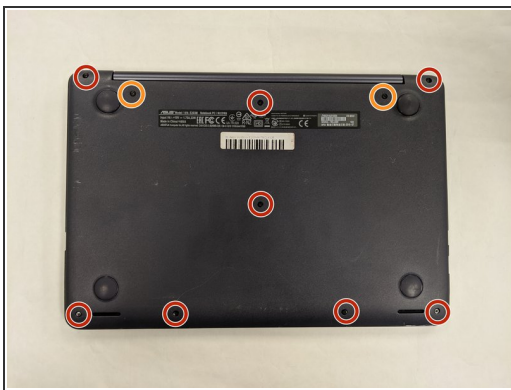
- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Back Panel



- Position the laptop so that the bottom panel is facing upwards, the hinge is away from you, and the ASUS logo is against the table.
- ⓘ It will be easier to replace the battery if the laptop is closed.

## Step 2



- Use a Phillips #0 screwdriver to remove the eight 5 mm screws on the back panel.
- Remove the two 7 mm Phillips #0 screws.
- ⓘ The 8 screws marked in red are all of the same length, 5 mm, and should not be interchanged with the two longer 7 mm screws marked in orange.

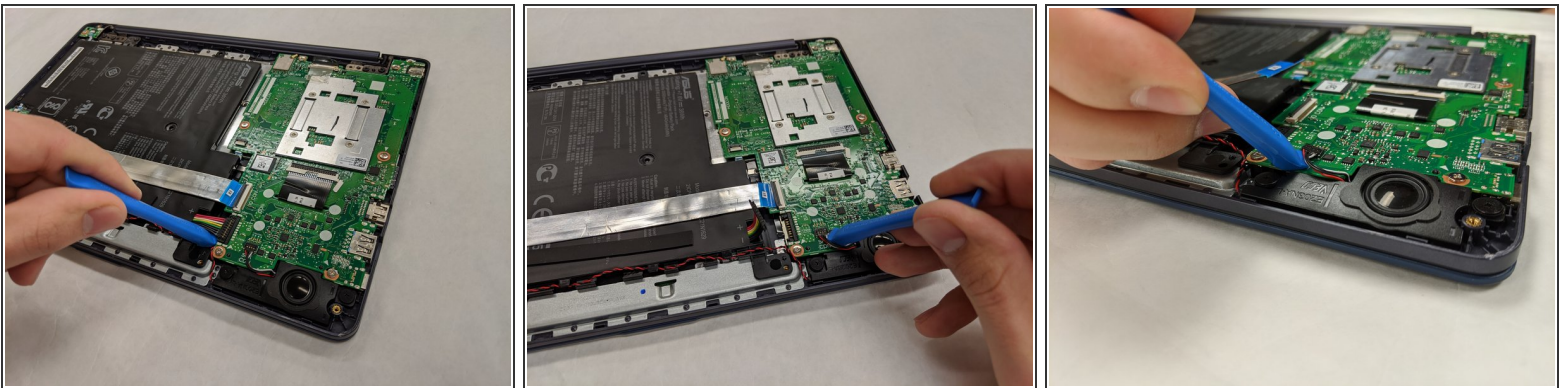


### Step 3



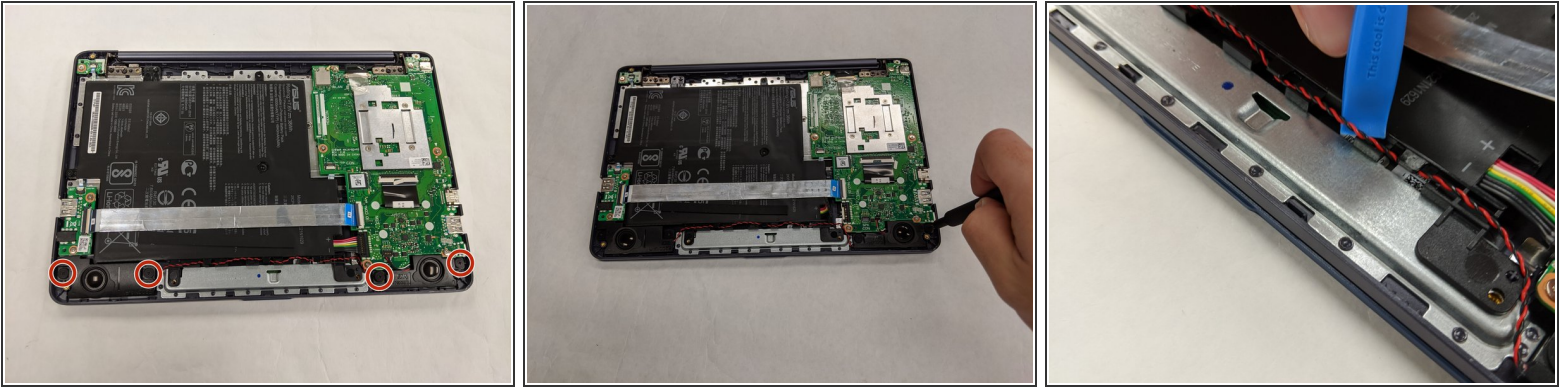
- Insert the iFixit opening tool in between the back panel and the rest of the laptop.
  - With the iFixit opening tool, lift the panel from the laptop body. Work your way around the device creating separation with the tool.
  - Once there is enough separation between the back panel and the device, gently pull off the back panel with your hands and completely remove it.
- i** Make sure to use a plastic tool, not a metal one, so that you don't scratch the panel.

### Step 4 — Speaker



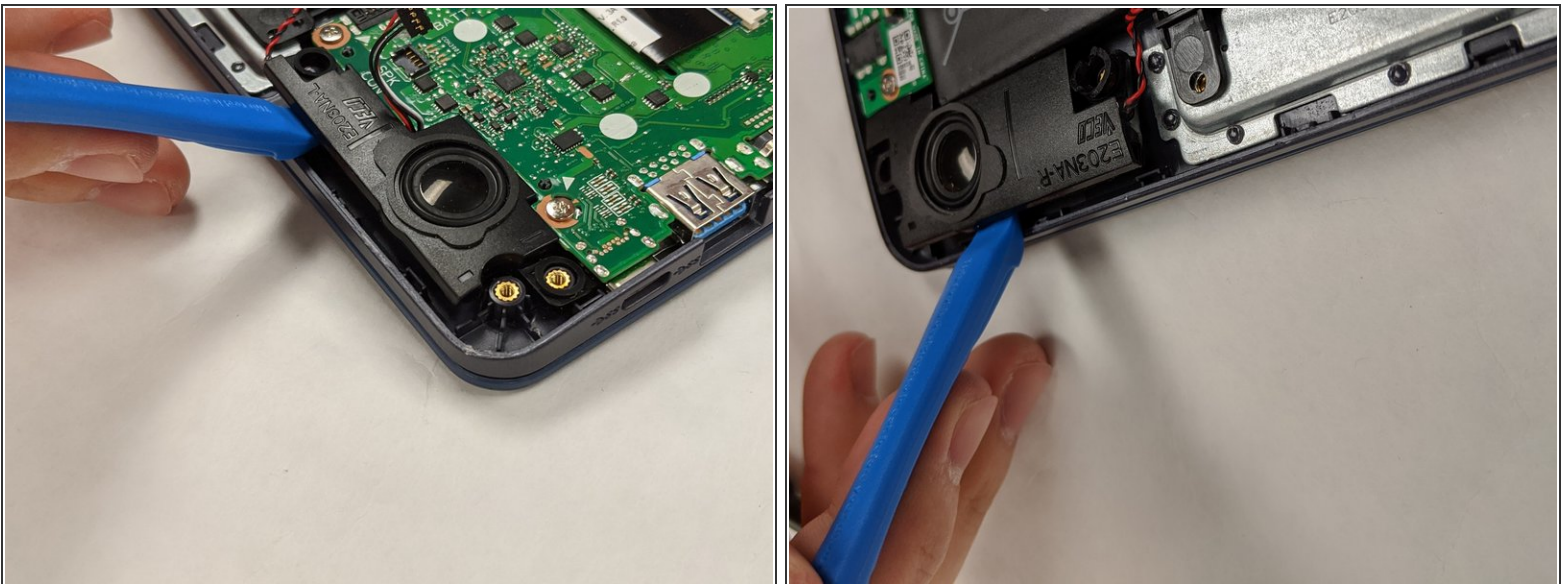
- Using the iFixit opening tool, pry up and remove the battery connector from the motherboard.
- Using the iFixit opening tool again, carefully wedge the tool under a corner of the speaker connector on the motherboard that is connected by three wires (colored red, black, and white).
- Slowly pry the connector up without damaging the motherboard.

## Step 5



- Using a Phillips #00 screwdriver, remove the four 2.0 mm screws near the edge opposite of the hinge.
- Insert the iFixit opening tool underneath the red and black wire and remove the wire from the small clasps.

## Step 6



- Insert the iFixit opening tool underneath the speaker on the right side. Gently pry the speaker up to remove.
- Repeat the step above for the opposite speaker. Then, carefully set both speakers off to the side.

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