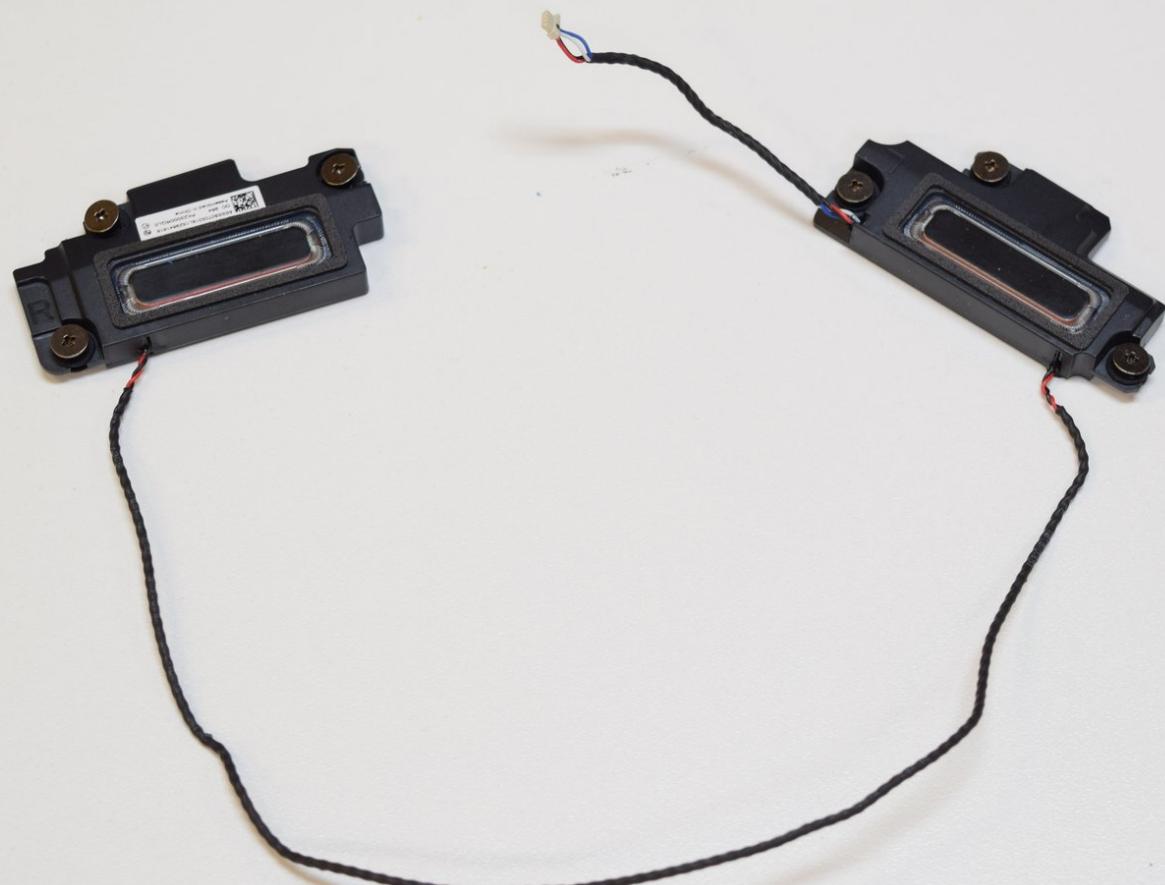




Lenovo ThinkPad X1 Carbon 7th Gen Lower Speakers Replacement

This guide will show how to replace the lower speakers in the Lenovo ThinkPad X1 Carbon 7th Gen.

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INTRODUCTION

This guide will explain how to remove the speakers from the Lenovo ThinkPad X1 Carbon 7th Gen, the sound-producing component of the computer.

Often, damage to the computer in the form of drops or water exposure can cause the speakers to no longer produce clear audio, and in some cases stop working all together. This guide will teach you how to remove and replace your speakers.

Make sure you power down and unplug your device from any power source before attempting any repair.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)

Step 1 — Back Panel



⚠ You MUST go to BIOS settings (F1 on startup) and disable the built-in battery. Disconnect laptop from power source to avoid electric shocks.

- Flip the laptop over on a flat surface with the back panel facing up.
- Remove five 5mm Phillips #0 screws from the edge of the back panel.
- Insert an opening tool between the back panel and edge. Maneuver the tool around the panel, disconnecting the clips holding the panel in place.

Step 2



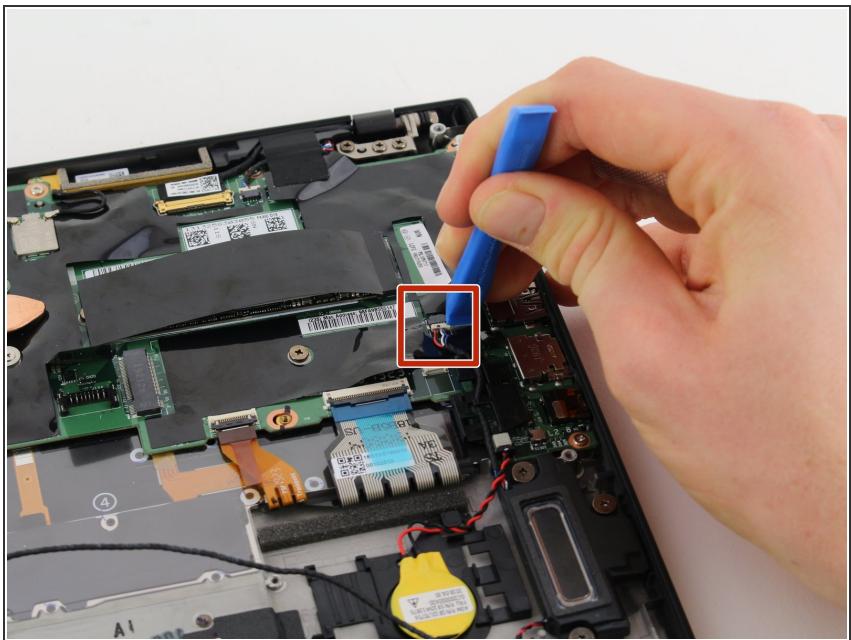
- Lift the back panel away from the device, exposing the internals.
- ★ When reassembling, prioritize the tabs on the side that does not have any screws. This ensures that the tabs do not break.

Step 3 — Lower Speakers



- Remove three 8mm Phillips #0 screws from both the left and right side speakers.
- ⓘ You are not required to remove the battery in order to remove these speakers.

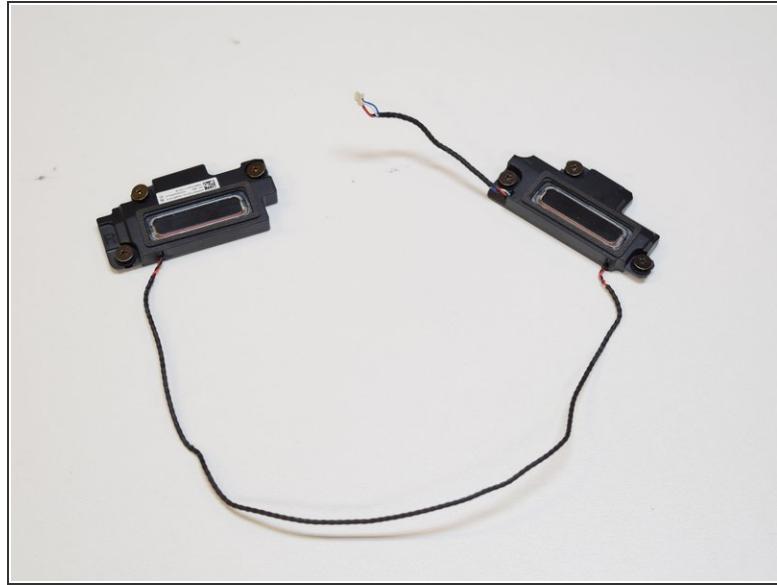
Step 4



- Remove the insert connector from the motherboard by sliding it straight out from the port.

(i) An opening tool can be used if a finger is too large.

Step 5



- Lift speakers straight up and out of the device.

(i) The two speakers are connected via a mutual wire, so they have to be removed and replaced together.

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