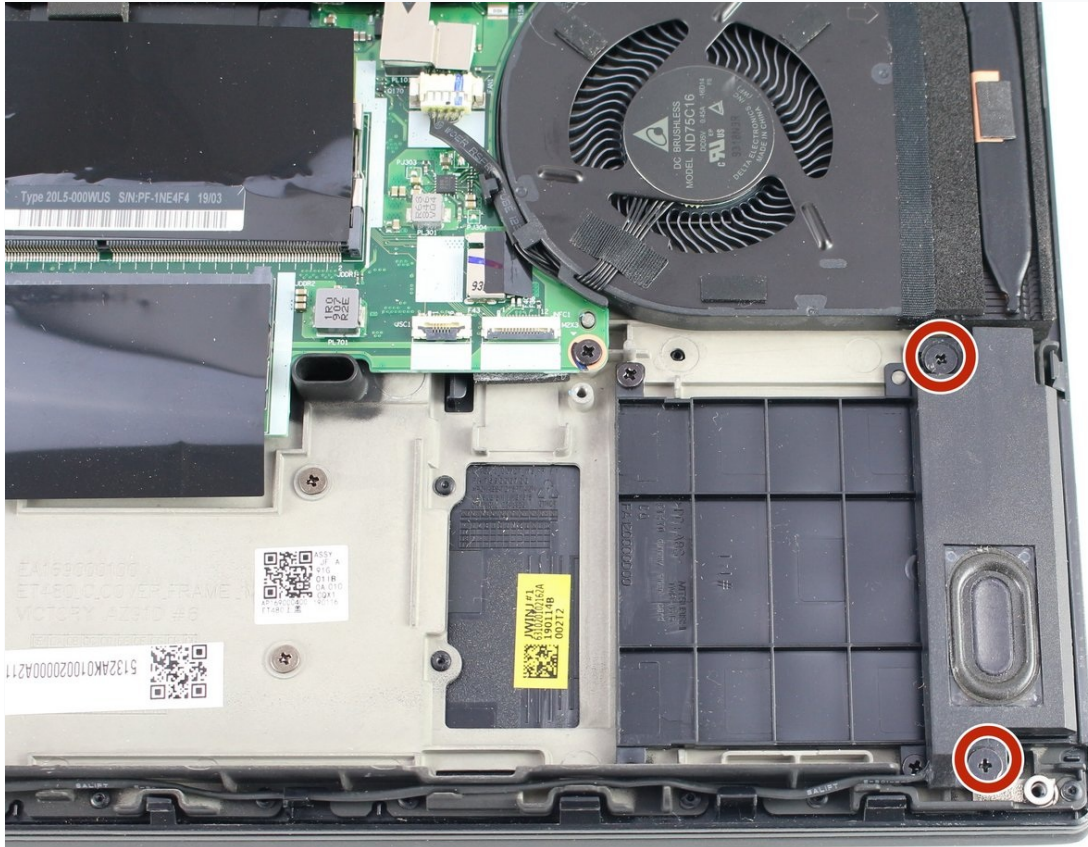




Lenovo ThinkPad T480 Speakers Replacement

The speakers of your laptop provide sound on...

Written By: Sarah Westberg



INTRODUCTION

The speakers of your laptop provide sound on their own, via headphones or amplified with external speakers. If you no longer hear sound coming from your Lenovo ThinkPad T480, it might be time to replace them.

The left and right speakers are paired together in the Lenovo ThinkPad T480. Therefore, they should be replaced as a pair. Use this guide to help you out with the process.

Prior to beginning this guide, [disable the internal battery](#), turn off the device and disconnect the T480 from the external power source.

TOOLS:

[Phillips #1 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

[Spudger](#) (1)

Step 1 — External Battery



 [Disable the battery](#), power down, and unplug your device before you begin.

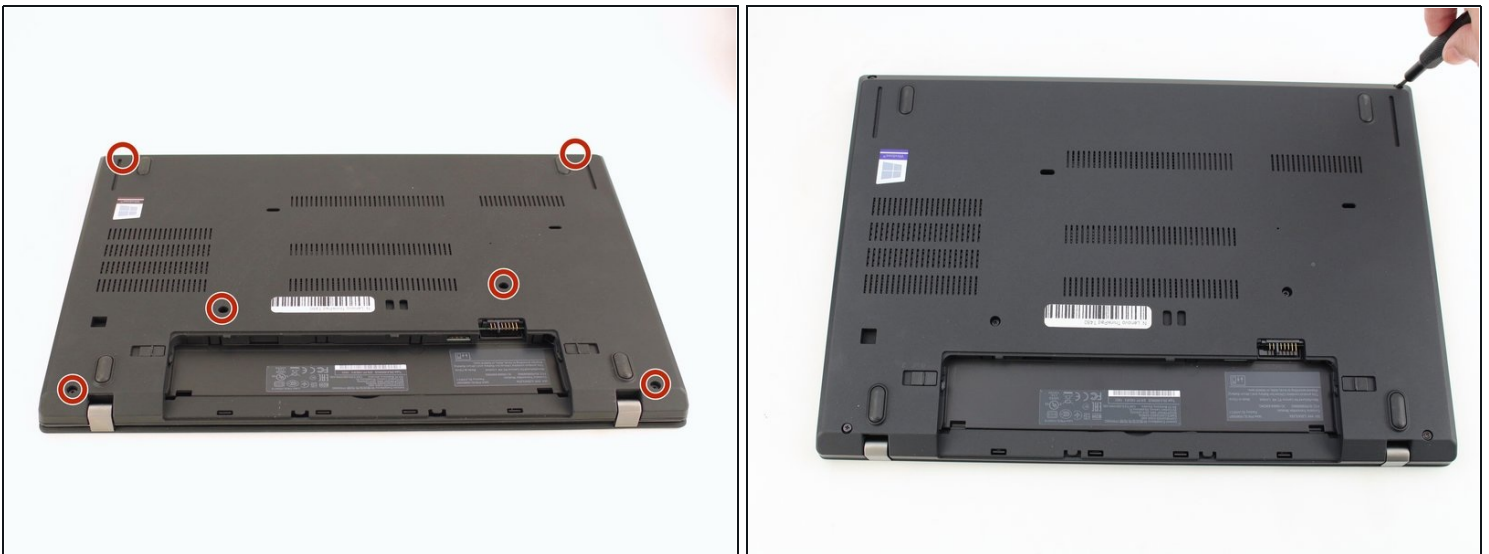
- Flip the laptop over so the bottom of the device is showing.

Step 2



- Using your fingers, slide the lock on each side of the battery to the unlocked position.
- Remove the battery from the slot.

Step 3 — Back Cover



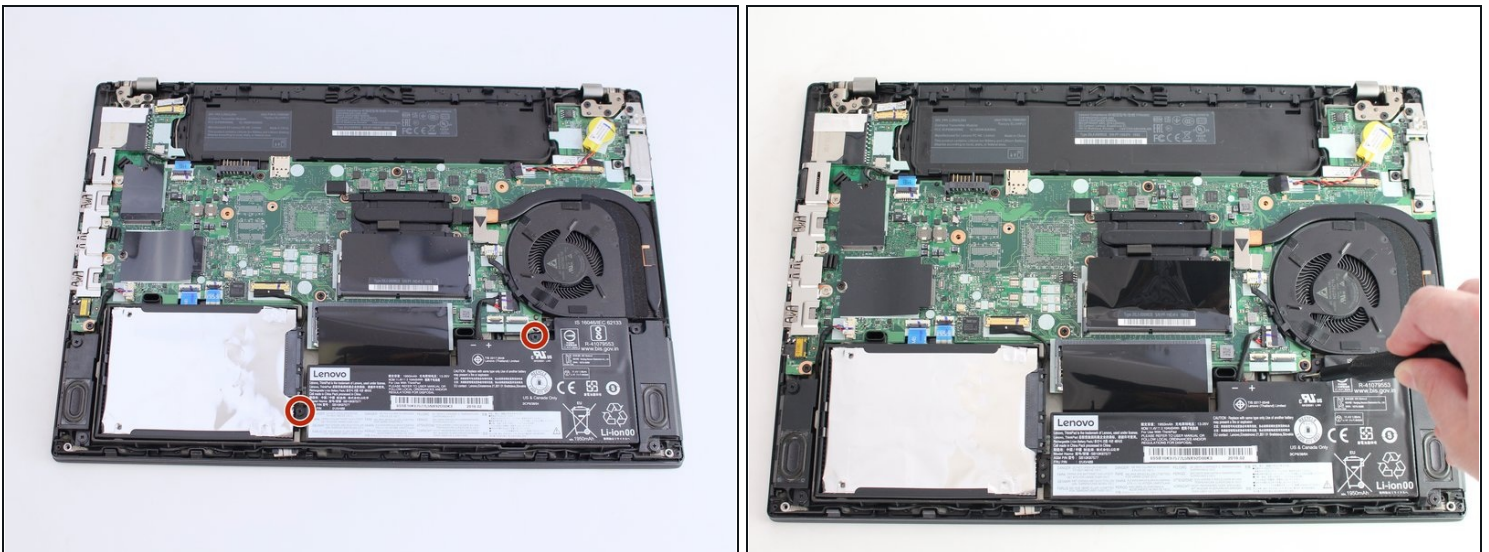
- Using the Phillips #1 screwdriver, loosen the six captive screws.

Step 4



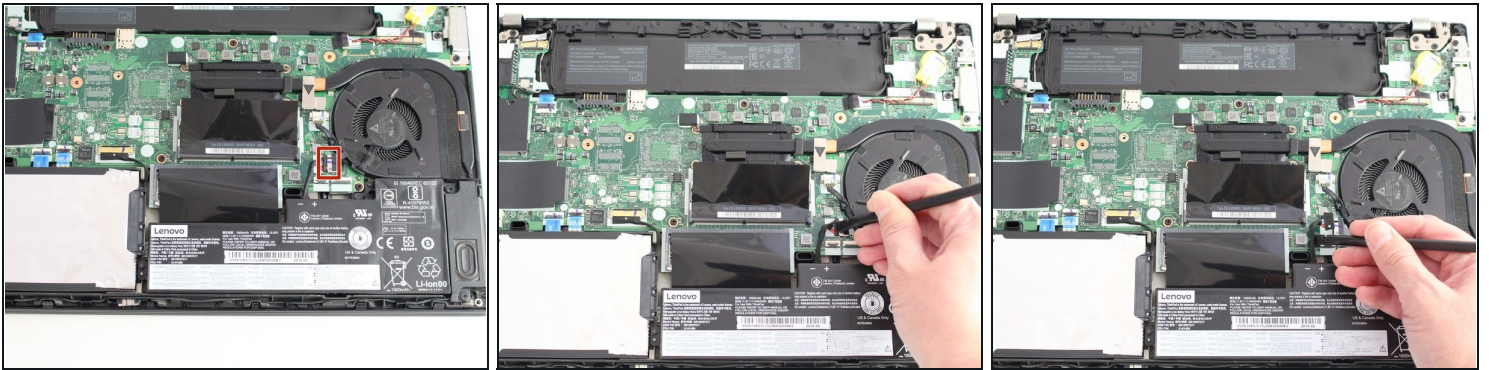
- Insert the blue plastic opening tool into the space between the lower case and the chassis.
- Slide the opening tool around the perimeter of the case to release the clips holding the case and the chassis together.
- ❗ If it feels like the battery well portion of the back cover isn't loose, these clips may be holding the cover to the laptop. Use your opening tool to pry the clips loose and try removing the cover again.
- Remove the back case.

Step 5 — Internal Battery



- Using the Phillips #1 screwdriver, remove the two 4.6 mm screws securing the internal battery to the frame.

Step 6



- Use the spudger to slide the battery socket connector parallel to the motherboard and out of its socket on the motherboard.

Step 7



- Using the black nylon spudger, wedge the battery up from the case and lift it out.

Step 8 — Speakers



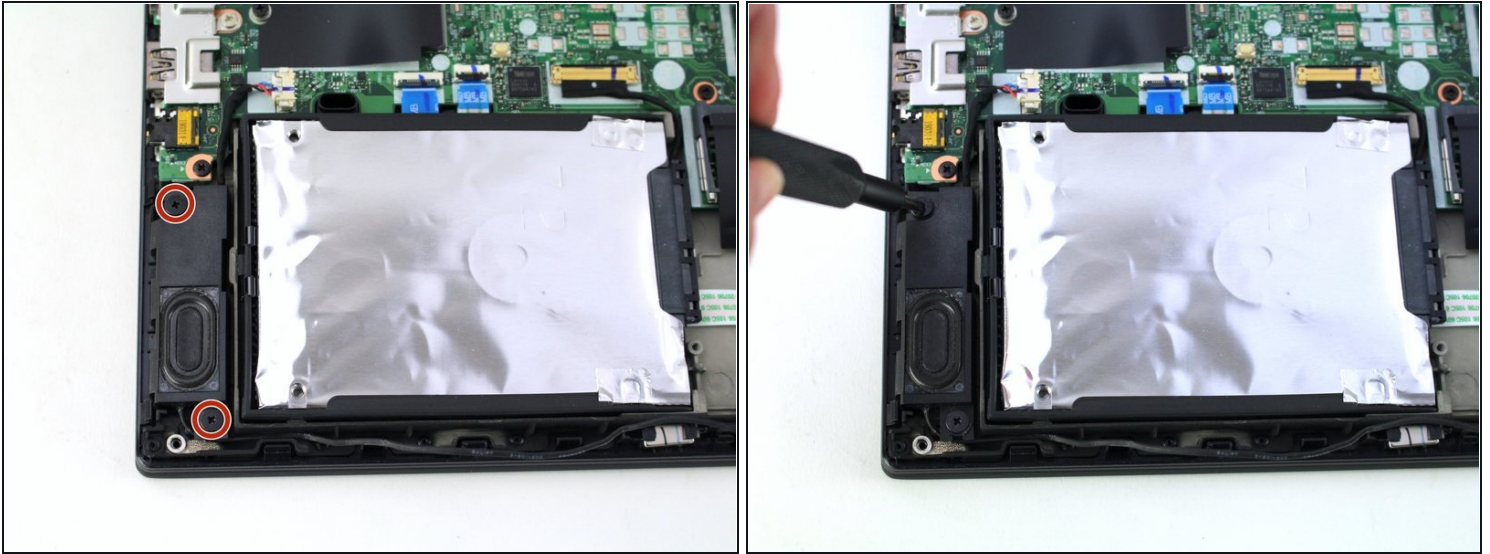
- Using the Phillips #1 screwdriver, remove two 4.8 mm screws from the right speaker.

Step 9



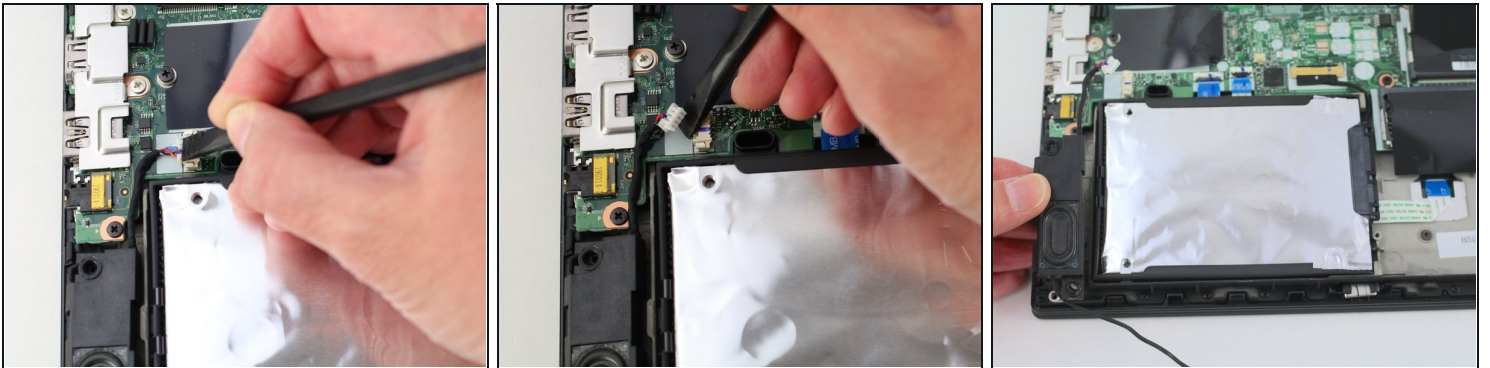
- Lift the right speaker out of the case.
- Gently remove the speaker cable from the perimeter of the chassis, connecting the right speaker to the left speaker.

Step 10



- Remove two 4.8 mm screws from the left speaker using the Phillips #1 screwdriver.

Step 11



- Using the black nylon spudger, remove the slide connector which attaches the left speaker to the motherboard.
- Remove the left speaker from the case.

To reassemble your device, follow the above steps in reverse order.

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our Answers community for help.

