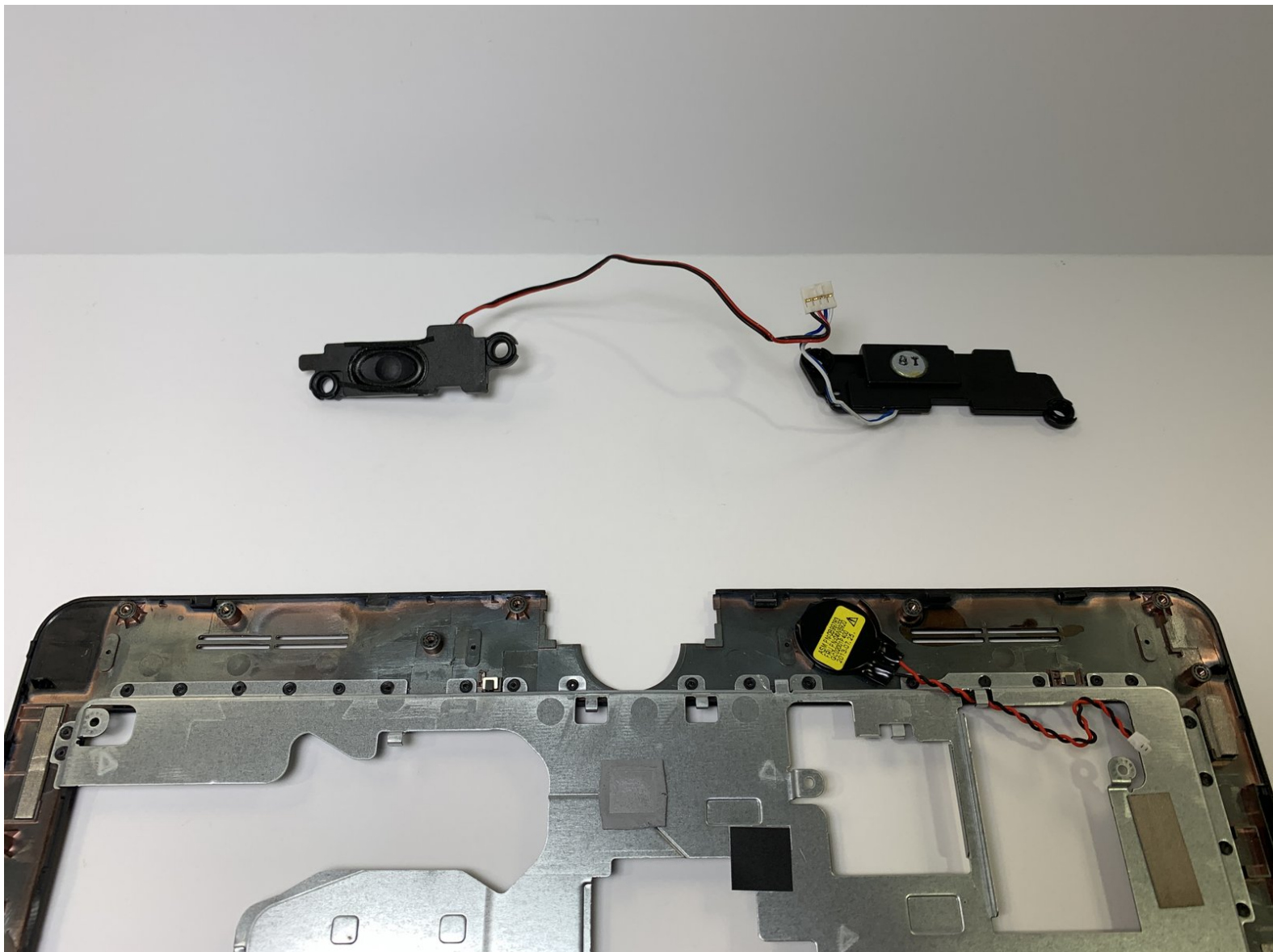




Lenovo Thinkpad Twist s230u Speaker Replacement

This guide will help you remove the speakers from your Lenovo Thinkpad Twist s230u.

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INTRODUCTION

This guide will help you remove the speakers from your Lenovo Thinkpad Twist s230u. The speakers are what your computer uses to play audio, so you will probably notice if there is something wrong with them quickly. Good speakers generally last a long time (usually longer than you will keep your device for), but there is always a possibility that your speakers could go bad. If you need to replace your speakers, this guide is for you. For more information on diagnosing problems you may have, visit our [troubleshooting page](#).

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [Metal Spudger](#) (1)
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Step 1 — Hard Drive



- Flip the laptop over.
- Using a Phillips #1 Screwdriver, unscrew the screw on the bottom left corner.

Step 2



- Using the iFixit Opening tool, loosen the hard drive cover.

Step 3



- Remove the hard drive cover.

Step 4



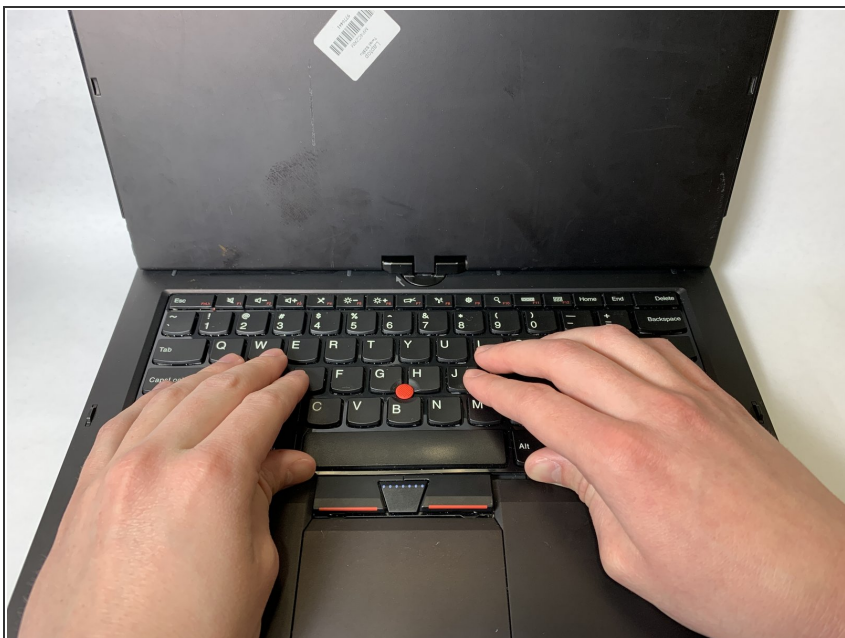
- Remove the hard drive by sliding it out.

Step 5 — Keyboard



- Use a Philips #1 screwdriver to remove 2 screws on the bottom of the laptop.

Step 6



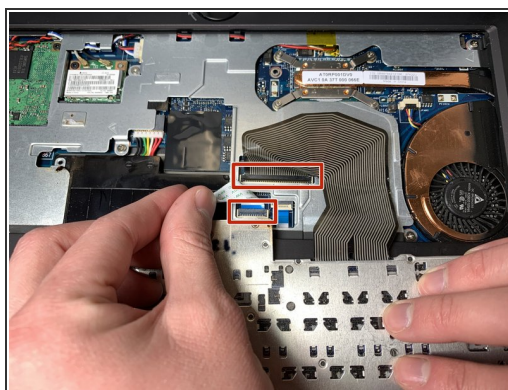
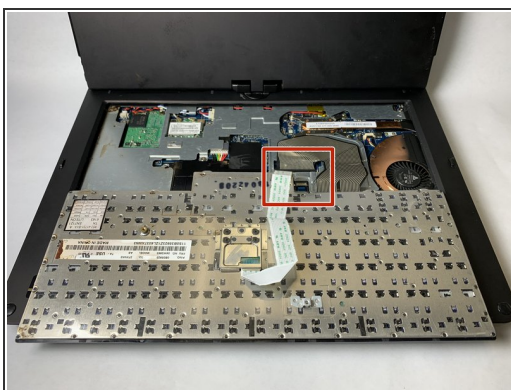
- Use a spudger to loosen the keyboard around the edges.
- Carefully push the keyboard towards the screen to unlatch it.
- ⓘ Do not push too hard, as there are ribbon cables attached to the keyboard.

Step 7



- Carefully lift up the keyboard to access the wires underneath.
- ⓘ Be careful not to break the ribbon cables attached underneath.

Step 8



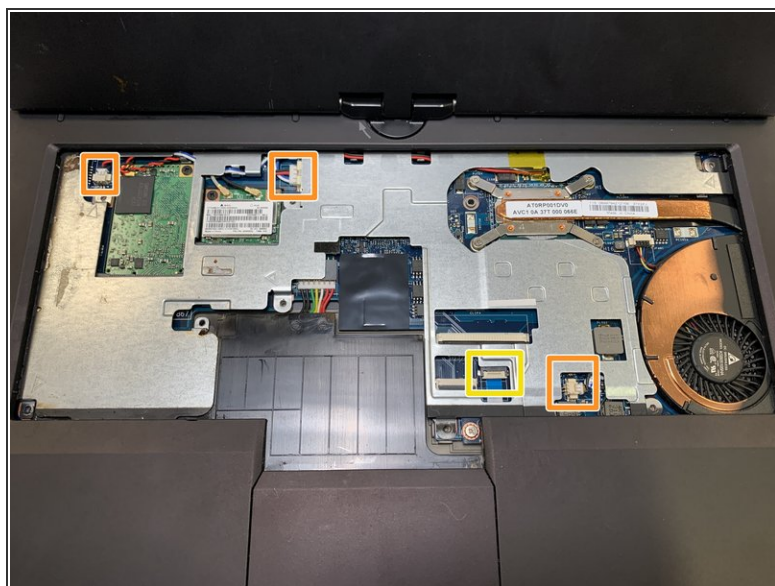
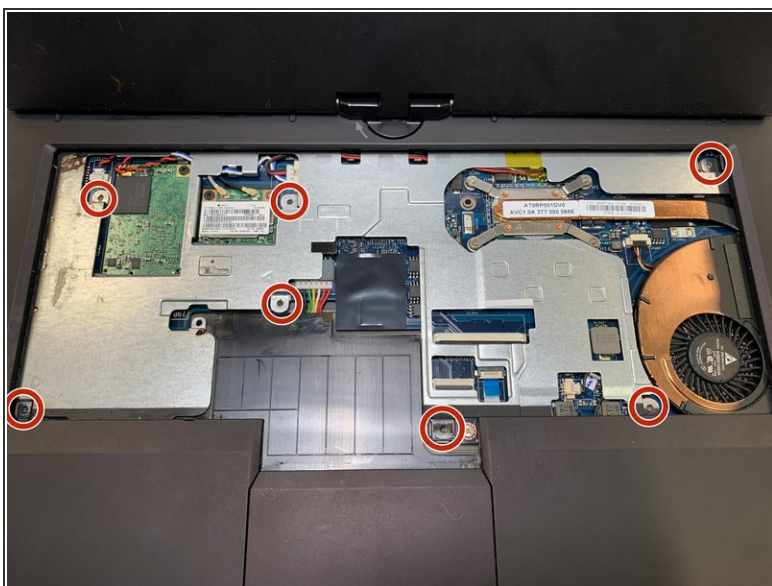
- Open the small black flap on each of the ribbon cables. It should lift with a slight effort.
- Pull out the ribbon cables and remove the keyboard from the device.

Step 9 — Upper Casing



- Flip your device over.
- Use the Phillips #1 screwdriver to remove the nine screws.

Step 10



- Flip the device back over and open the top.
- Use the Phillips #1 screwdriver to remove the seven silver screws.
- Disconnect the three cables inside the case.
- Lift up the brown tab and disconnect the ribbon cable.

Step 11



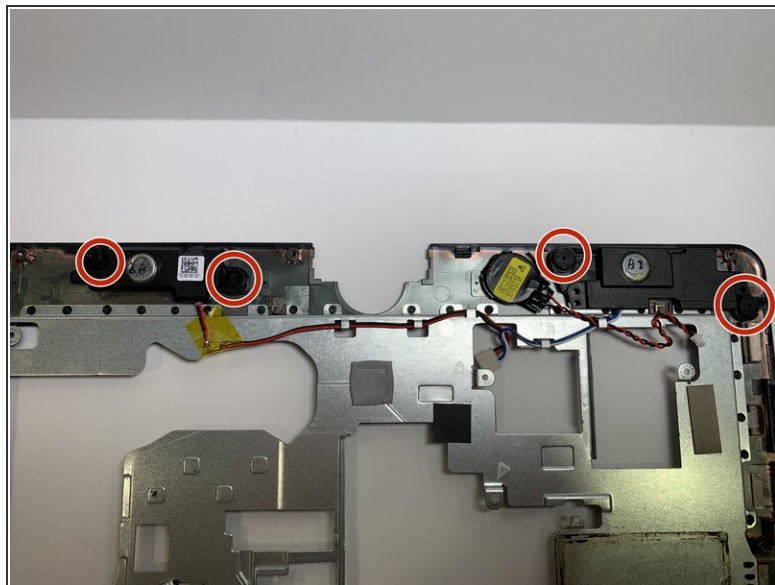
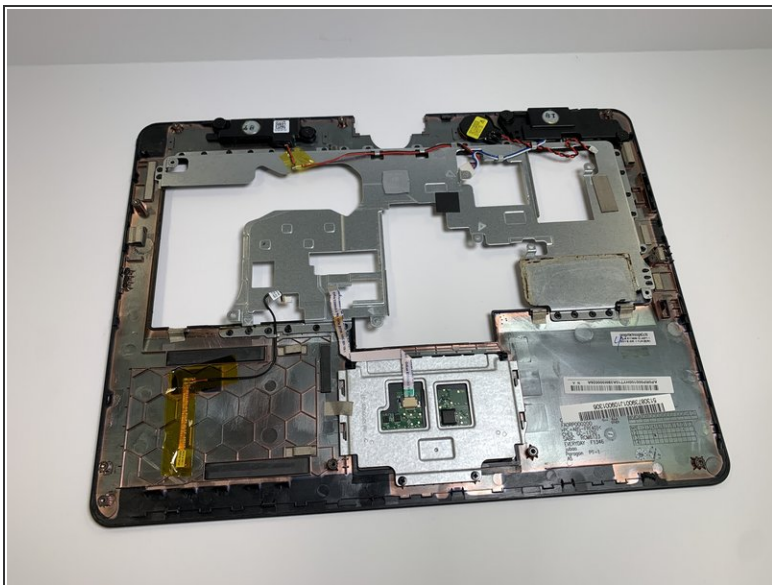
- Close the lid and turn the device around.
- Use the iFixit Opening Tool to lift up and remove the tab on the back.

Step 12



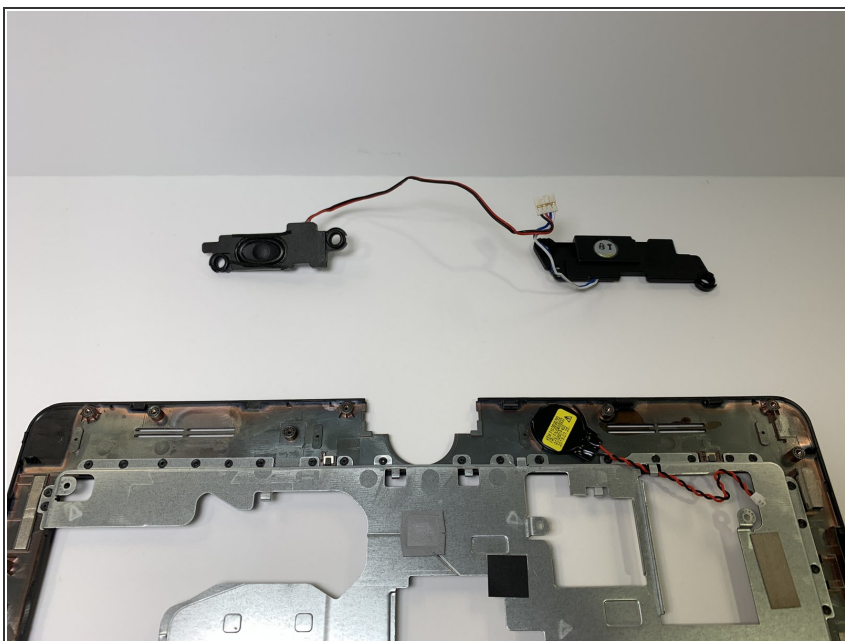
- Turn the device back around and reopen it.
- Use the iFixit Opening Tool to disconnect the top of the case from the bottom.
- Lift up the top of the case and slide it out from under the screen.

Step 13 — Speaker



- Flip the laptop cover over.
- Using a Phillips #1 Screwdriver, remove the four screws holding the speakers in.

Step 14



- Remove the speakers from the device.

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