



IBM ThinkPad T42 Speakers Replacement

This guide will show you how to replace the...

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INTRODUCTION

This guide will show you how to replace the speakers on the IBM ThinkPad T42.

If your T42 audio output is distorted or not functioning due to a damaged speaker, you can restore the sound quality by replacing the speaker using this easy-to-follow guide.

Power down the T42 and disconnect from any power supply before you begin.

TOOLS:

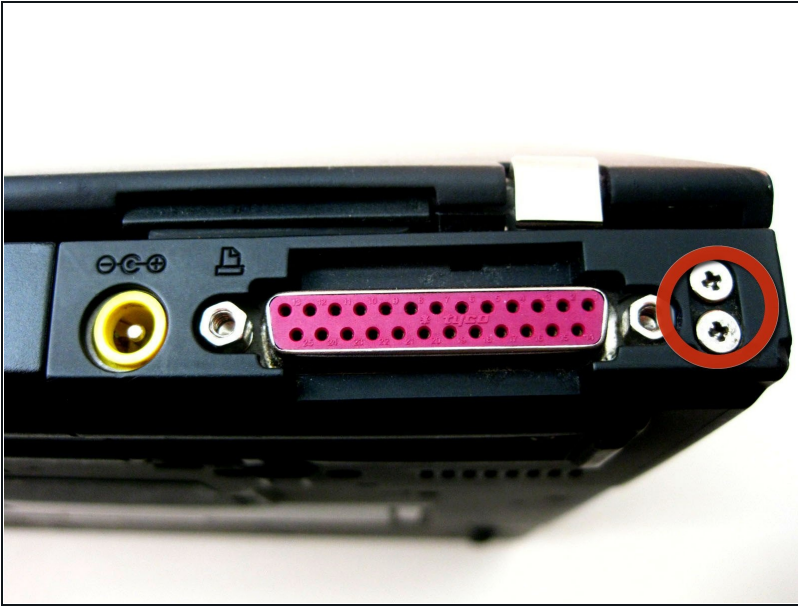
Phillips #0 Screwdriver (1)

Step 1 — Bottom cover



- Using a Phillips #0 screwdriver, identify and unscrew the twenty screws located on the underside of the T42.

Step 2 — Rear screws



- Unscrew the four Phillips screws located on either side of the rear of the T42 (there are two located on each end.)

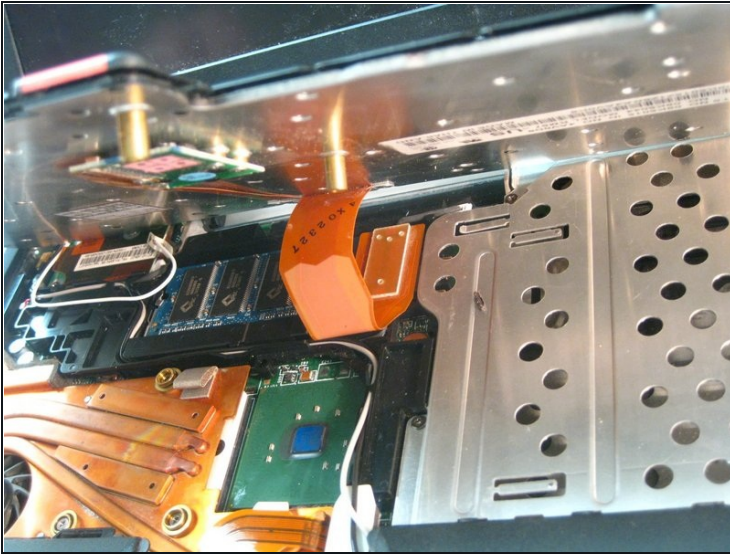
Step 3 — Keyboard and Trackpad



- Flip the laptop over and open the screen to access the keyboard and trackpad.
- ① The keyboard and trackpad are connected to the motherboard. Before removing the keyboard and trackpad, disconnect both components from the motherboard, as shown in the following step.

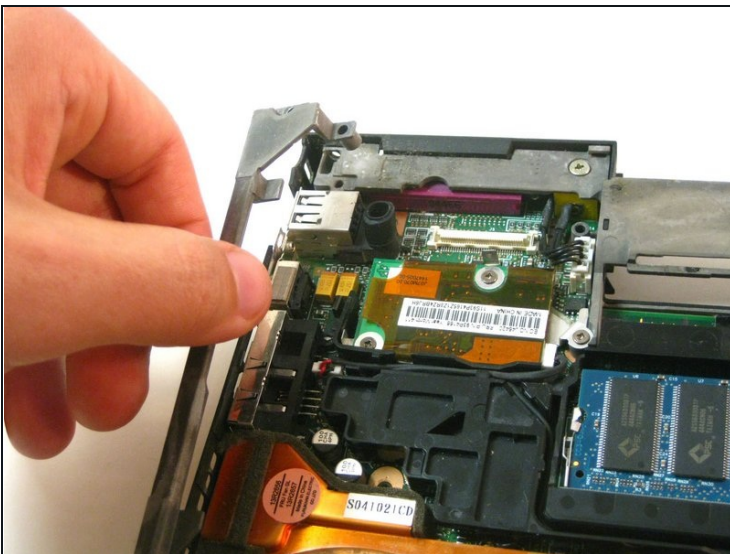
⚠ The bezel and keyboard will be loose, be careful.

Step 4



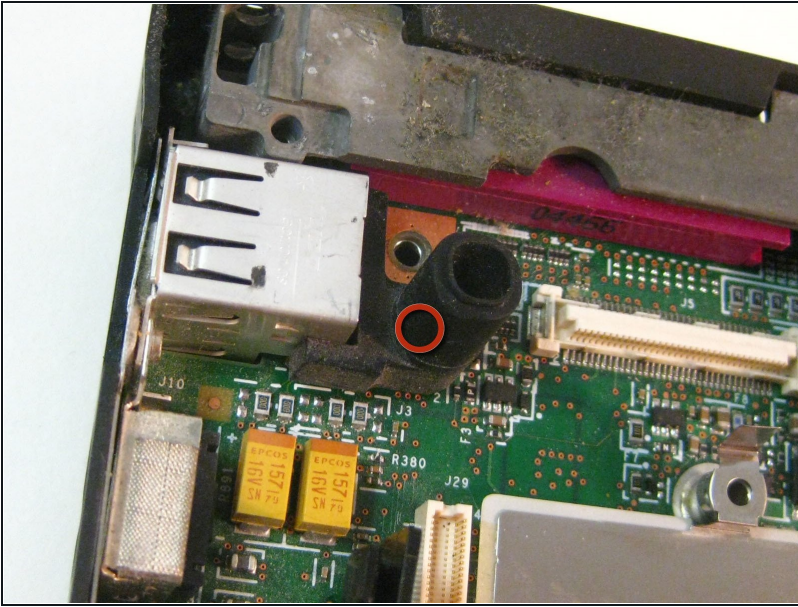
- Carefully maneuver the palm rest away from the keyboard, as both the keyboard and palm rest/trackpad will come off together.
⚠ Remember, both the keyboard and trackpad have connectors to the motherboard. Disconnect these before completely removing either component.

Step 5 — Lower Bracket



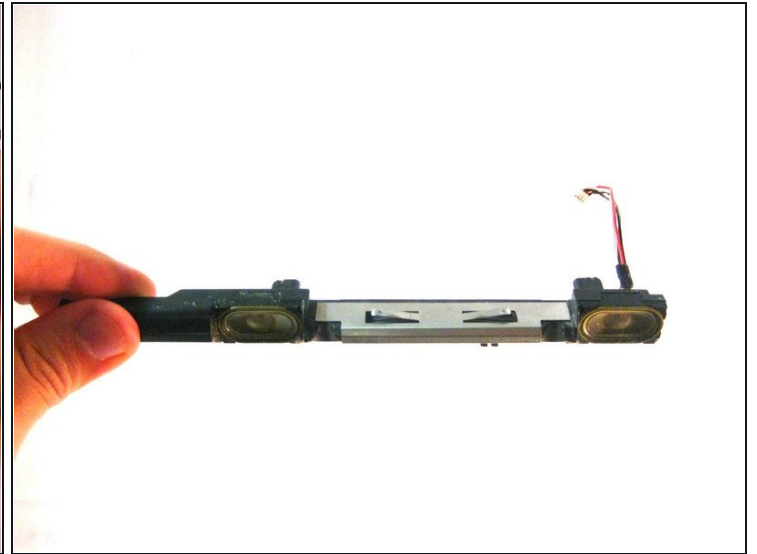
- Grasp the metal bracket to remove it from the device.

Step 6 — Microphone cover



- Remove the rubber cover from the microphone.

Step 7 — Speakers



- Check to ensure the speaker cartridge moves freely before removing the cartridge.
- Disconnect the speaker wire from the unit and carefully remove the speaker.

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