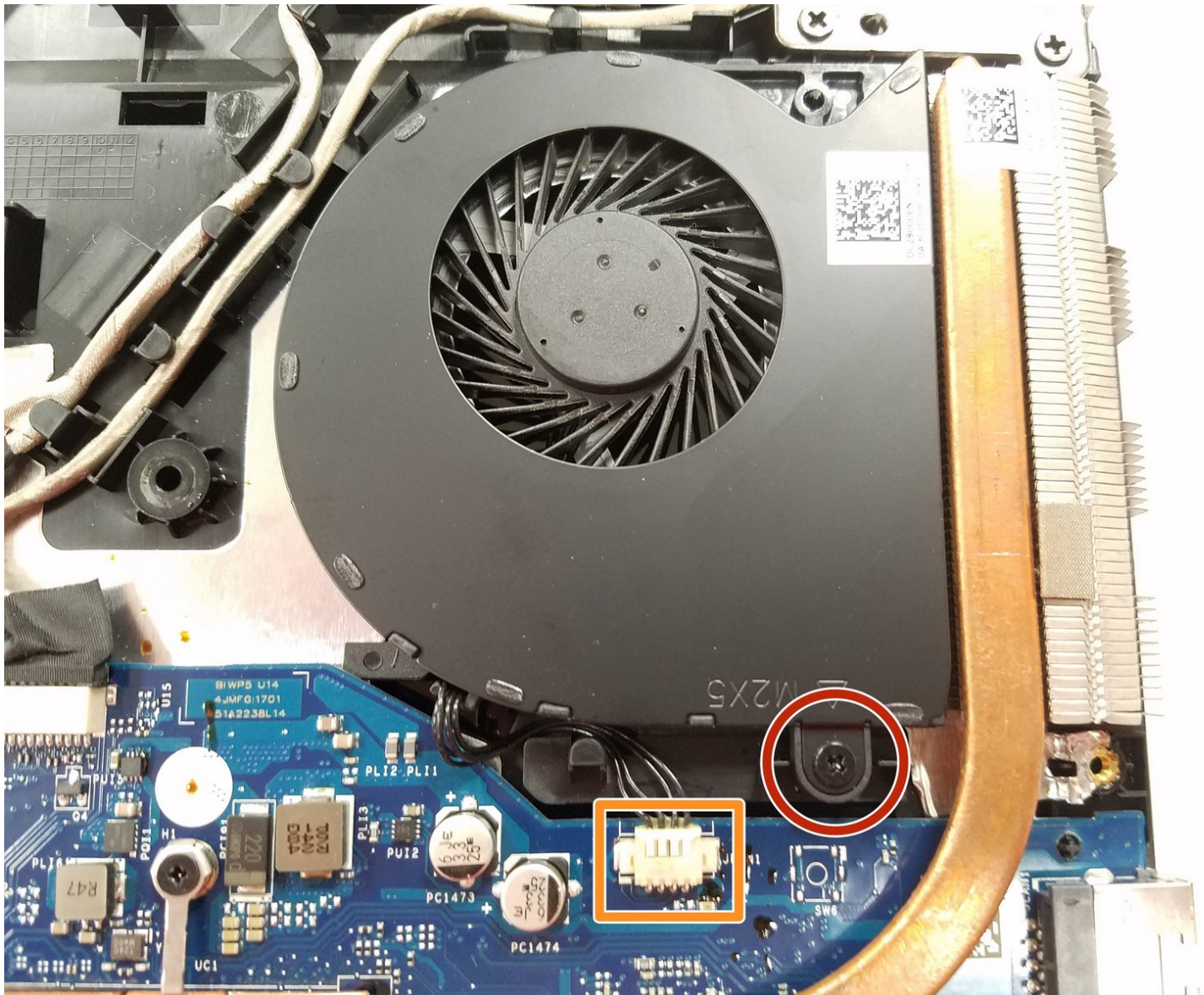




Lenovo IdeaPad 110-15ISK Cooling Fan Replacement

Removing or replacing the CPU cooling fan.

Written By: Jakub Szark



INTRODUCTION

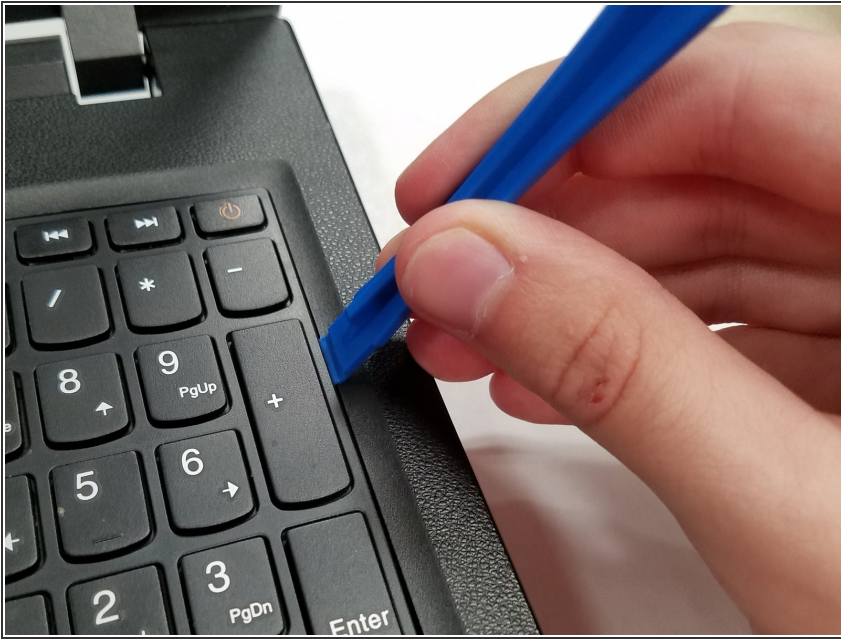
If the laptop begins to overheat, check to hear that there is a whirring noise when the laptop is turned on. If there is no noise, the laptop may go into a thermal cool down signifying a faulty cooling fan. This guide will walk you through how to change the cooling fan.



TOOLS:

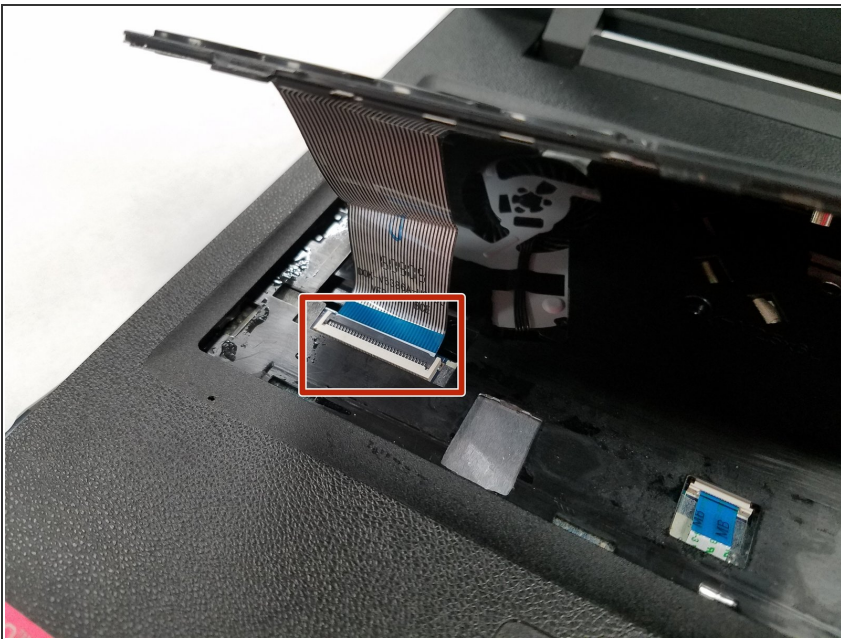
- [iFixit Opening Tools](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Keyboard



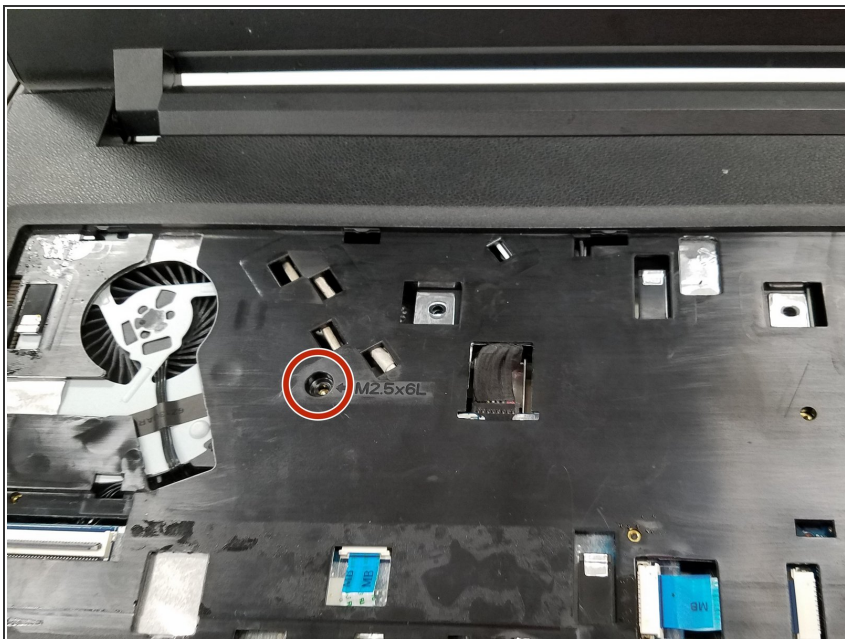
- Use the plastic opening tool to pry the keyboard up and away from the bottom assembly.

Step 2



- Next disconnect the keyboard cable by using the tip of the spudger or your finger to lightly push out the ribbon from the contact port.
- Completely remove the keyboard from the bottom assembly.

Step 3 — Optical Drive



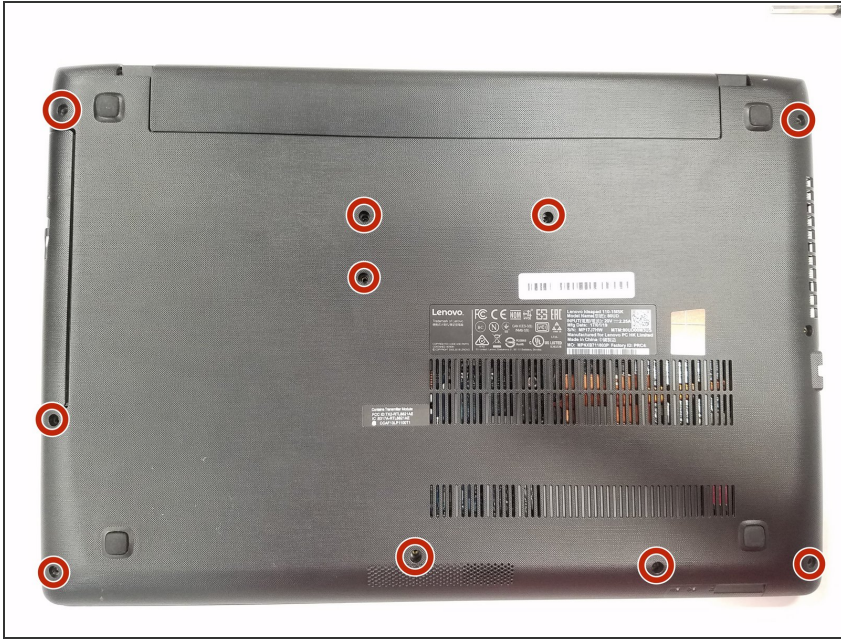
- Using a Phillips #1 screwdriver, unscrew the one 5.0mm screw on the back panel.

Step 4



- Flip the laptop to its back and the optical drive is located at the top left corner.
- Remove the optical CD DVD drive by lightly pulling it out of the assembly.

Step 5 — Upper Case



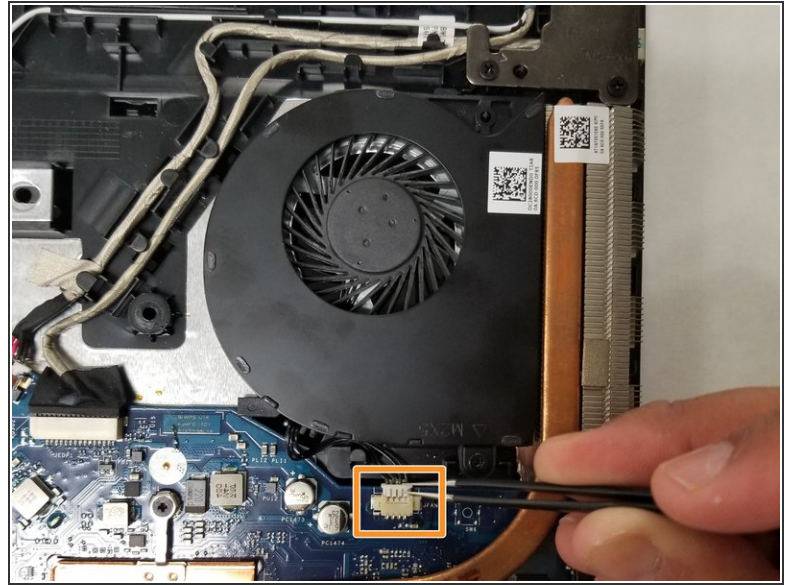
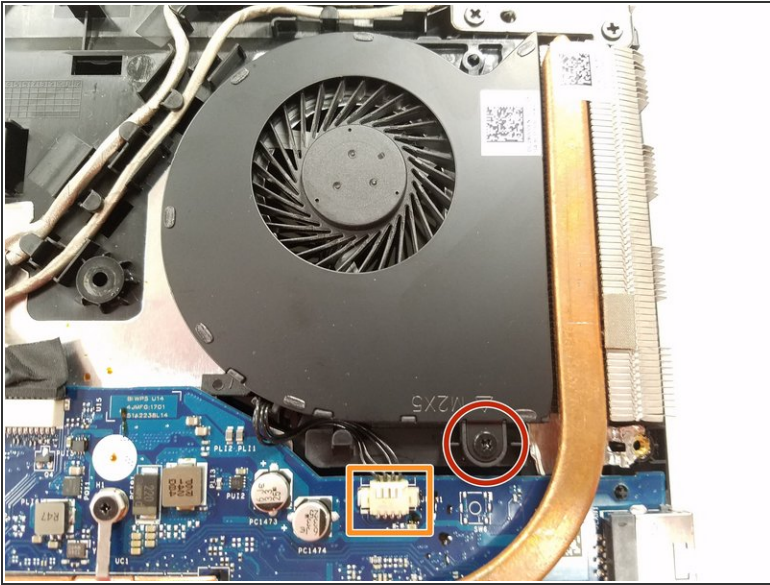
- Place the laptop bottom facing up.
- Using a Phillips #1 screwdriver, remove the ten 6.0mm screws on the back panel.
- Flip the computer back to top facing.

Step 6



- Separate the top case from the bottom using a plastic opening tool.
- Continue prying the top and bottom case from each other all around the perimeter of the laptop.

Step 7 — Cooling Fan



- On the back panel, the cooling fan is located at the top right.
- Unscrew the 6.0mm screw using the Phillips #1 screwdriver.
- Push the plastic piece towards the direction the wires are in with the tweezers to completely disconnect it from the back panel.

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