Lenovo IdeaPad S210 Touch Cooling Fan Replacement
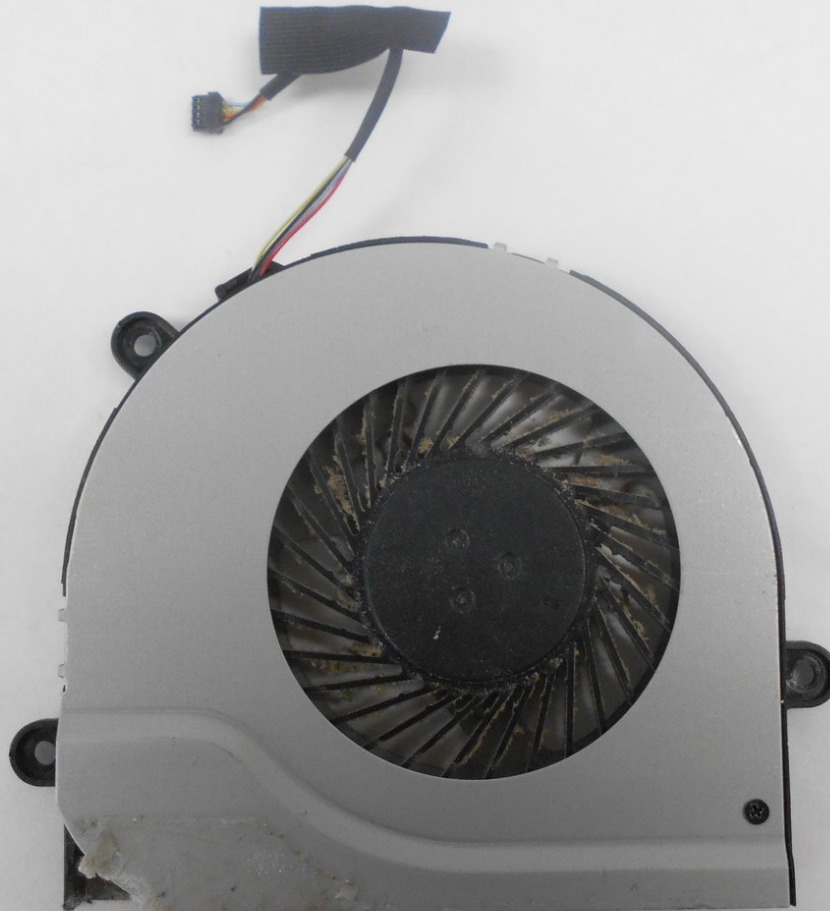
In this guide, you will learn how to replace your cooling fan.

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INTRODUCTION

Use this guide to replace a faulty cooling fan of a Lenovo IdeaPad S210 Touch. Replacing the cooling fan can alleviate problems caused by overheating such as unexpected shutdowns and shortened battery life. The operation is a simple process that involves a #0 Phillips screwdriver and the removal of screws that hold the fan in place.
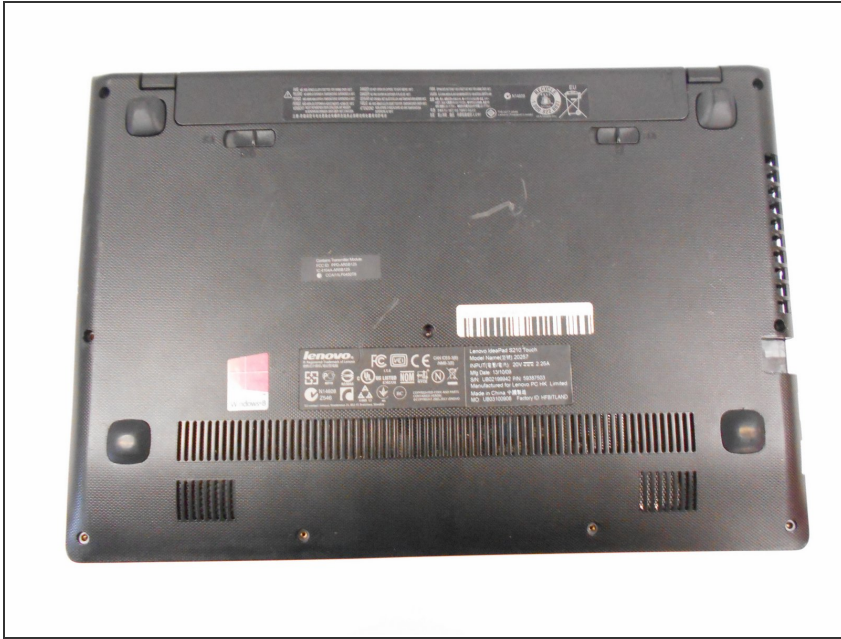
Before beginning the removal process, ensure your device is turned off and disconnected from power supplies.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)
- Phillips #0 Screwdriver (1)

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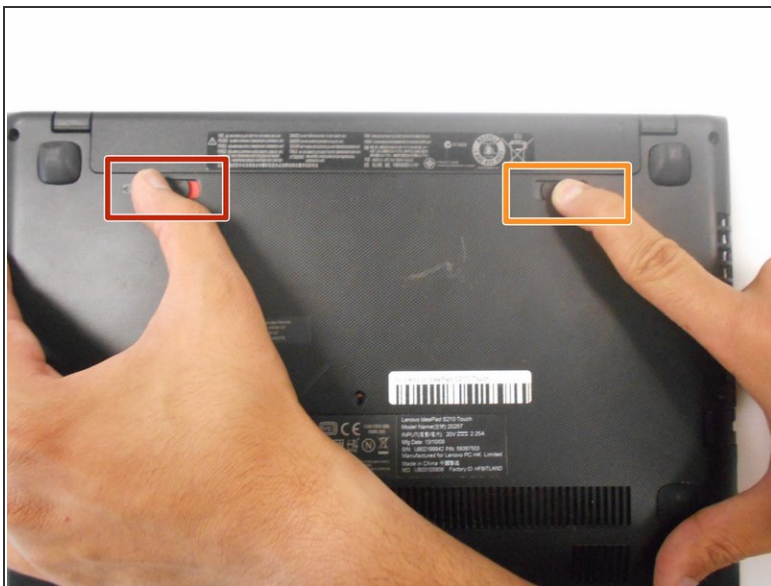## Step 1 — Battery

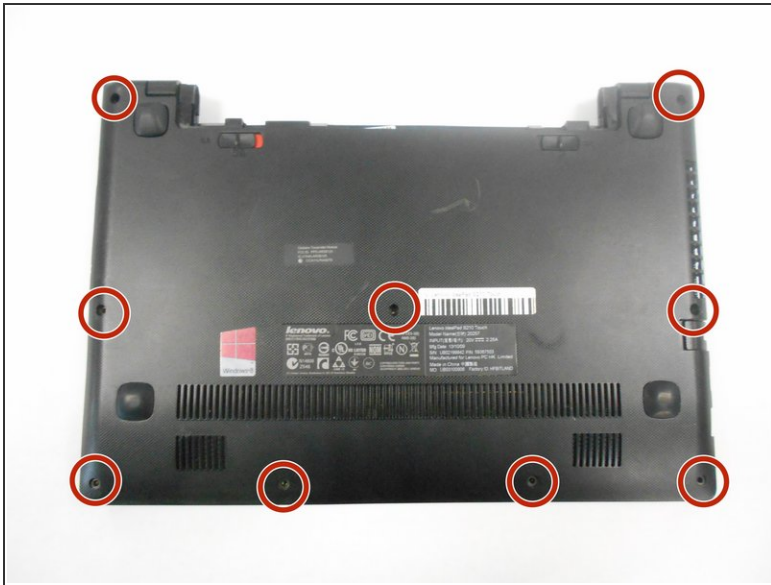⚠️ Ensure your device is **unplugged** and **shut down**.

● Place the laptop down with the cooling vents facing upwards.

Step 2

● Use your finger to slide the latch towards the unlocked position (away from the other latch). If done correctly you will see red.

● Slide the second latch to the unlocked position while gently pulling the battery away from the laptop.

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Step 3 — Back Panel

- Using the #0 Phillips screwdriver, remove the nine 4mm screws on the back panel.

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Step 4

- Gently pull the two rubber feet closest to battery away from the device. Using a #0 Phillips screwdriver, remove the 5mm screw under each rubber foot.

Step 5

- Slowly begin working your plastic opening tool along the panel to undo the latches around the laptop.
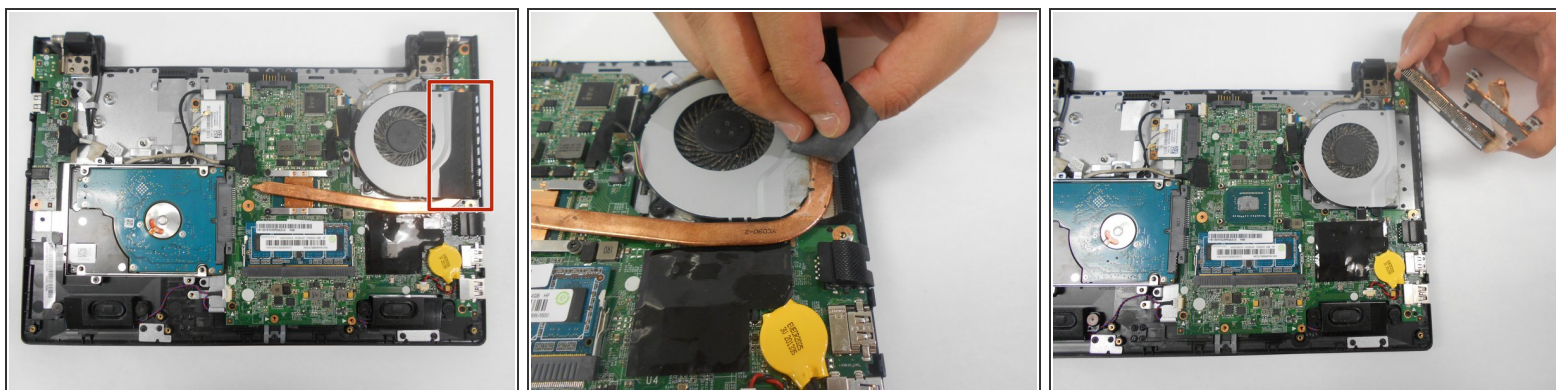
Step 6 — Cooling Fan

- (i) Many of the wire connections to the motherboard are secured by tape for vibration protection. Your device may or may not have this tape.

- If any tape is present, remove all tape from the area within the red area.
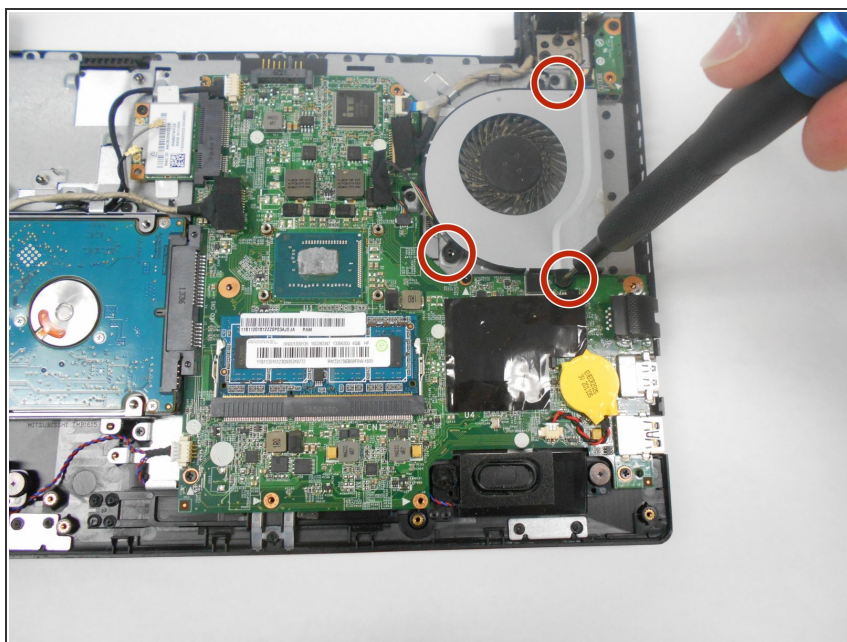
Step 7

- Using a #0 Phillips screwdriver, unscrew the four 3mm captive screws securing the copper tube onto the motherboard.

- (i) These captive screws are secured by plastic washer to the copper tube and will remain in the heat sink assembly during removal.

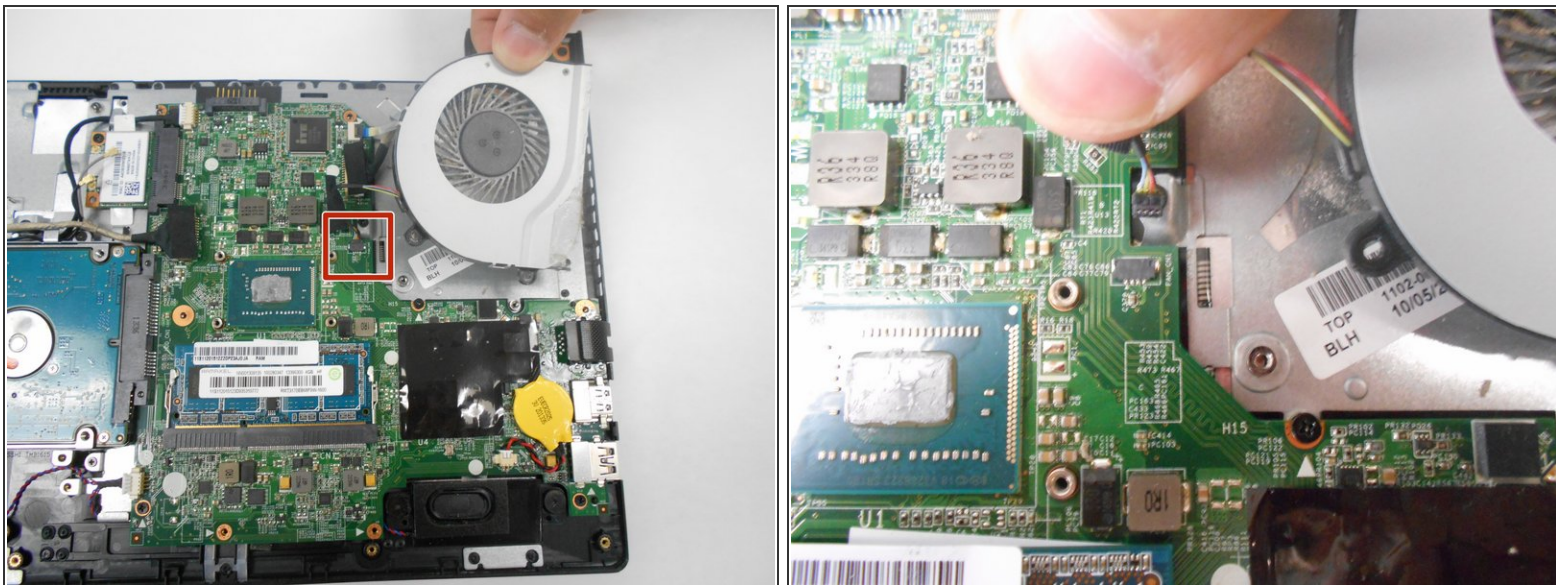This document was generated on 2020-01-23 12:31:15 AM (MST).

Step 8

- Remove the tape connecting the copper tubing to the cooling fan.

- Lift and remove the heat sink assembly.

Step 9

- Using a #0 Phillips screwdriver, remove the three 3mm screws around the perimeter of the fan.

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Step 10

- Remove the wiring from the motherboard by gently pulling the wire connector at the base of the wires.

- Once the wires are removed, the cooling fan assembly is disconnected. You may now remove the cooling fan.

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