



# Lenovo IdeaPad S210 Touch Cooling Fan Replacement

Use this guide to replace a faulty 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.

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## TOOLS:

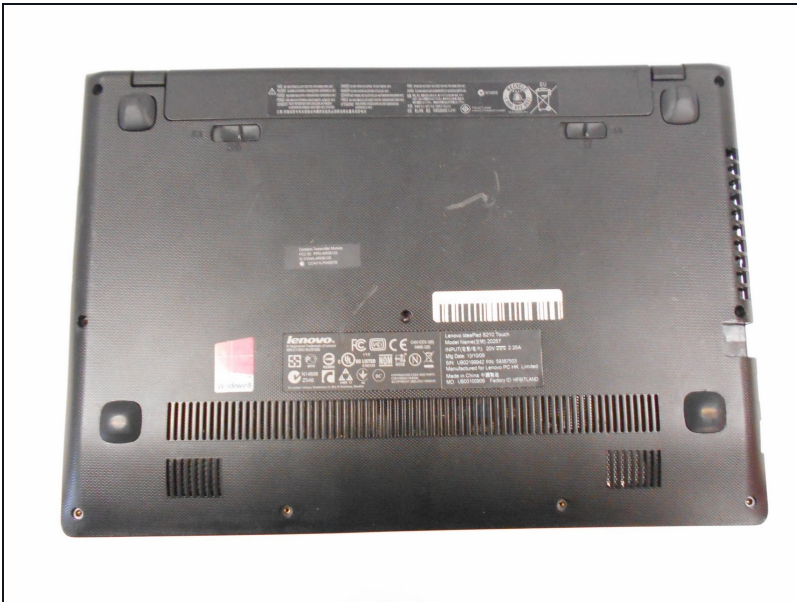
Phillips #00 Screwdriver (1)


iFixit Opening Tool (1)

Phillips #0 Screwdriver (1)

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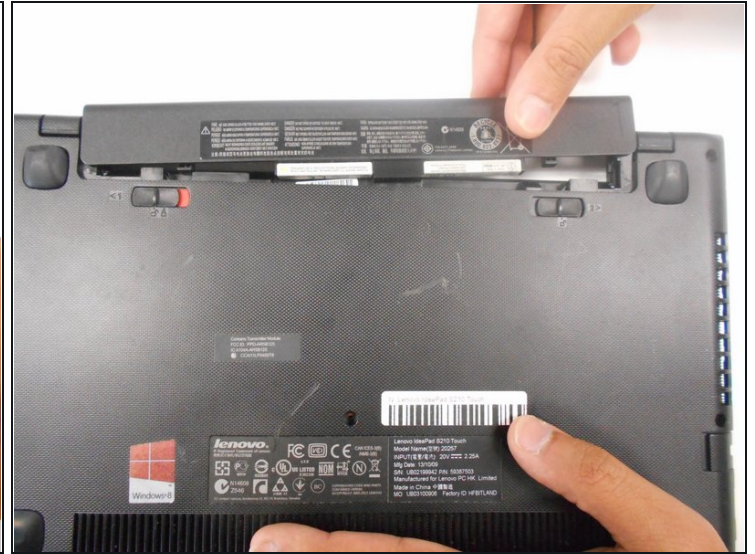
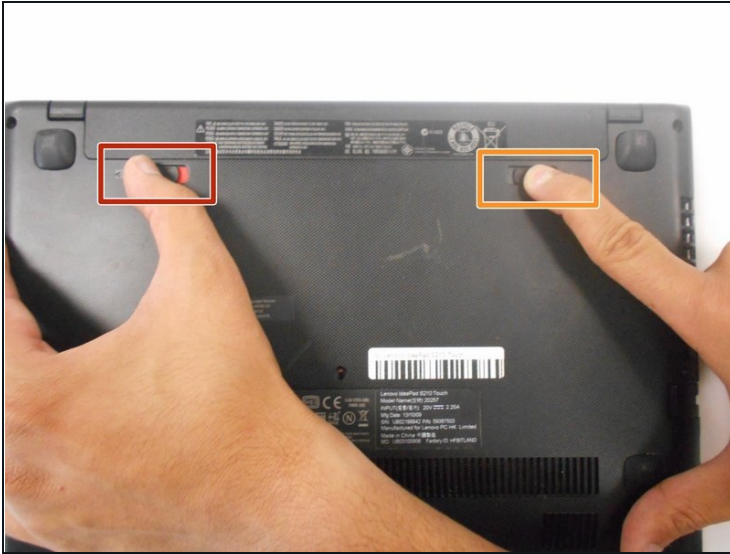
## Step 1 — Battery



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

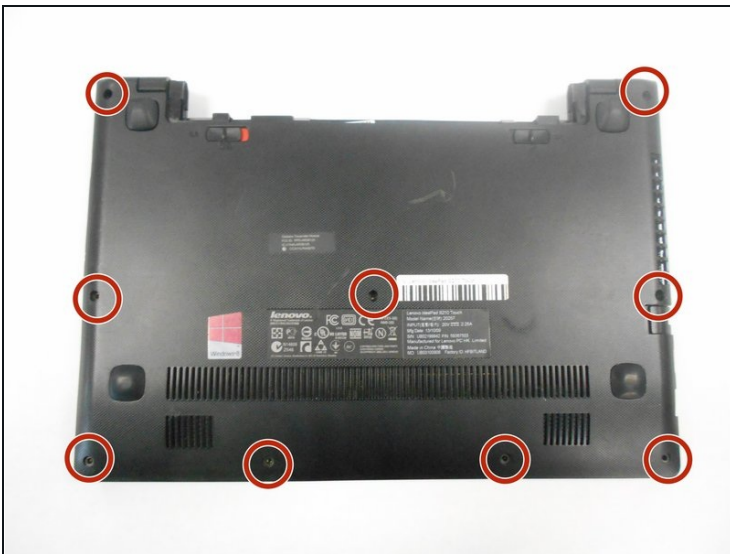
- Place the laptop down with the cooling vents facing upwards.

## 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.

## Step 3 — Back Panel



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



## 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



- ⓘ 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.

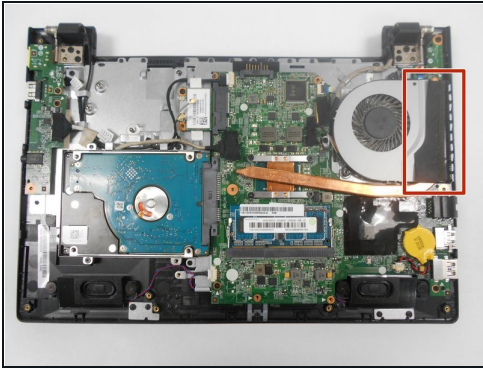
## Step 7



- Using a #0 Phillips screwdriver, unscrew the four 3mm captive screws securing the copper tube onto the motherboard.
- ⓘ These captive screws are secured by plastic washer to the copper tube and will remain in the heat sink assembly during removal.

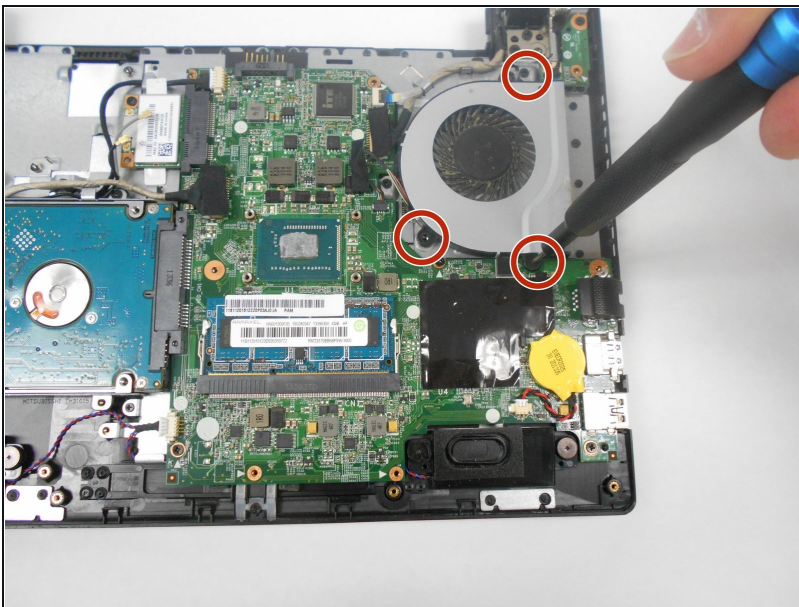


## Step 8



- 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.

## 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.