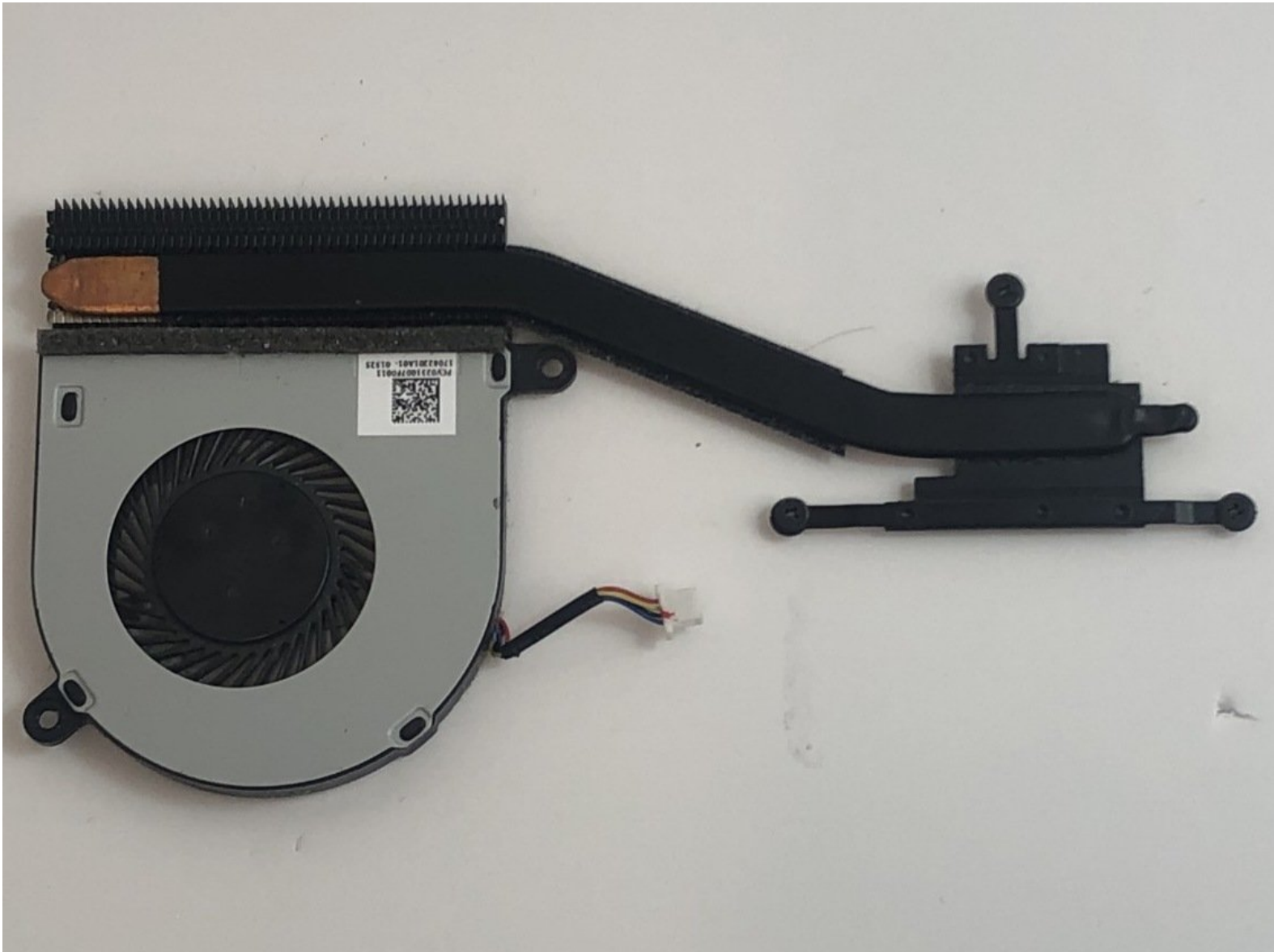




# Acer Spin 5 SP513-51-57TP Cooling Fan Replacement

How to replace the cooling fan in the Acer Spin 5 SP513-51-57TP.

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## INTRODUCTION

The cooling fan is responsible for keeping the computer at a healthy temperature. If you notice that your laptop is warmer than usual and randomly shuts itself off without warning you may need to replace your fan to renew the cooling capabilities of your laptop. This guide will show you how to replace the cooling fan in the Acer Spin 5 SP513-51-57TP laptop.



### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
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## Step 1 — Battery



- Flip your laptop over so that the model sticker is facing upward towards the ceiling.

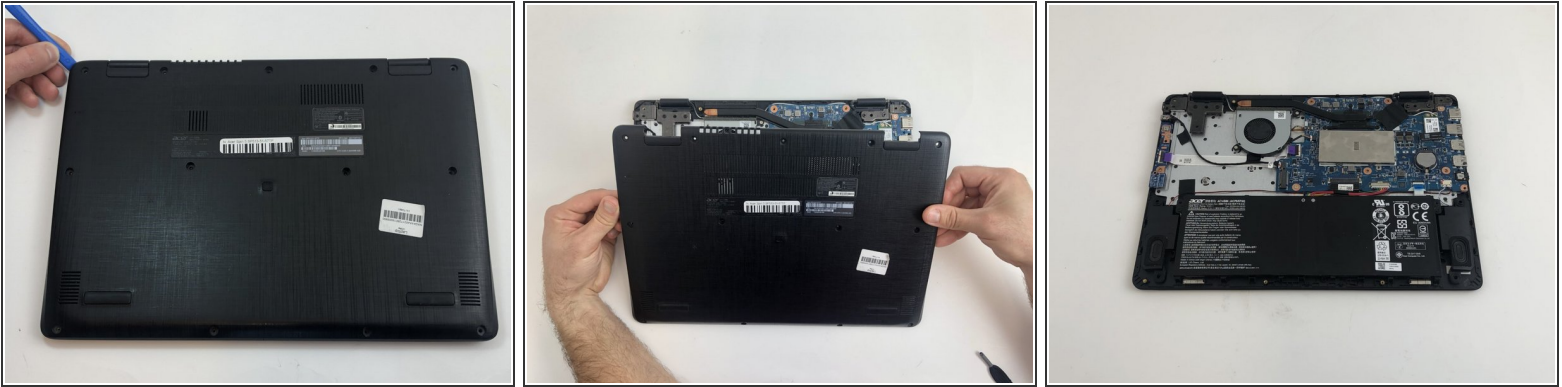
⚠ Make sure your computer is turned off before starting to avoid getting shocked.

## Step 2





- Use a Phillips #1 screwdriver to remove the thirteen 6.5mm screws that secure the back cover.

## Step 3



- Use a plastic opening tool to gently separate the back cover from the laptop. A snapping sound will be heard as a signal that the clips are being disengaged.

 Do not use any metal tools to pry open the device.

-  It is recommended that you start from one corner and run the tool along the edges of your laptop from corner to corner for a safe removal.

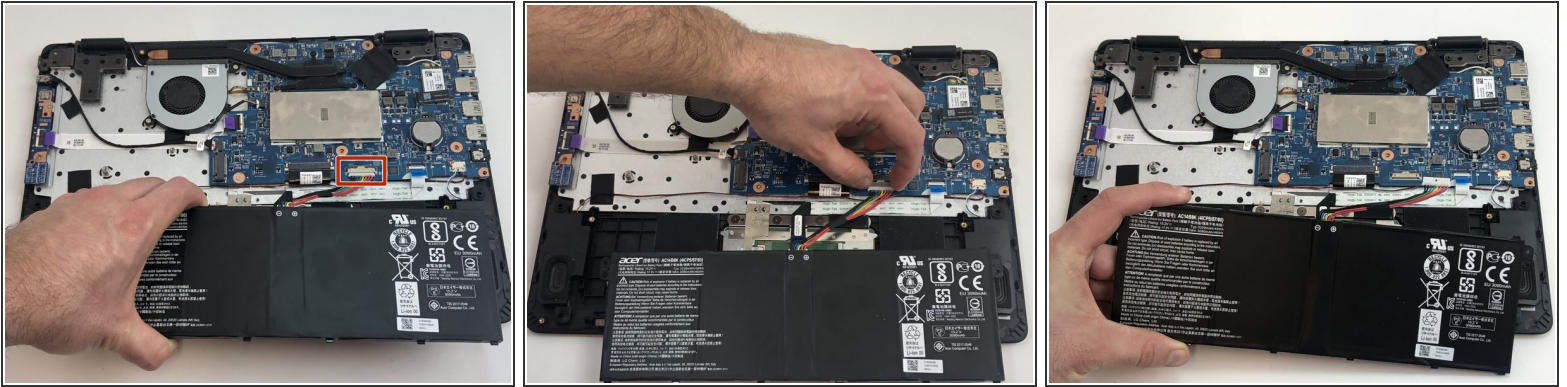
## Step 4



- Use a Phillips #1 screwdriver to remove two 4 mm screws that secure the battery.

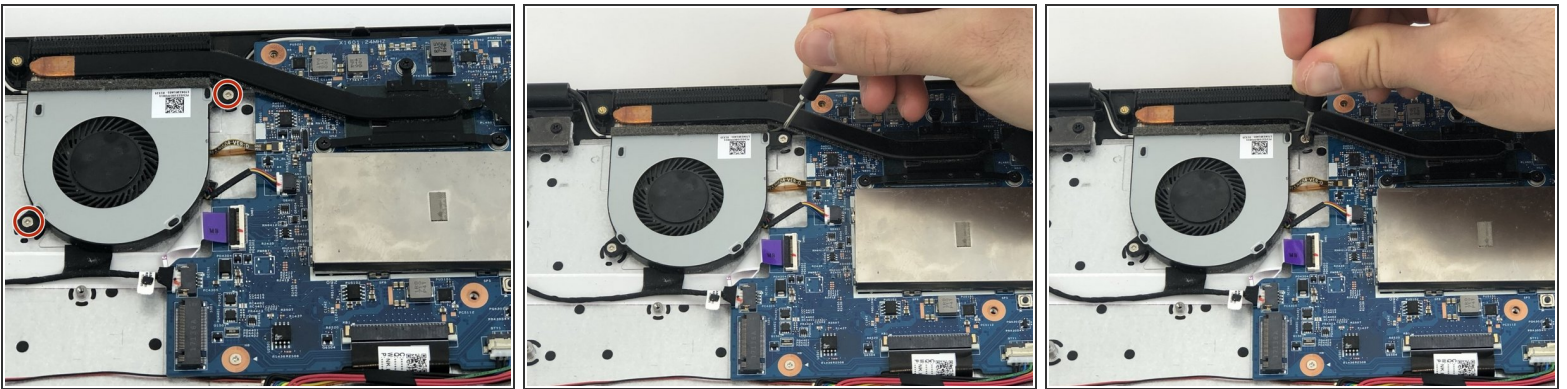


## Step 5



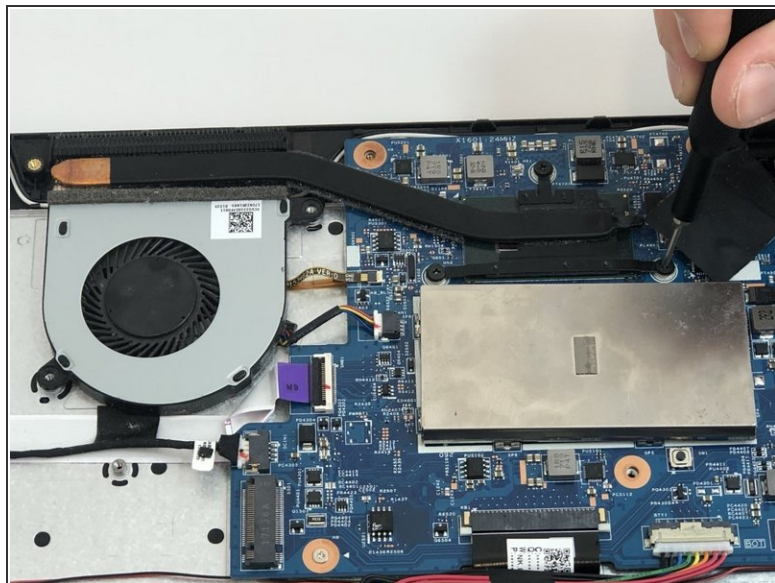
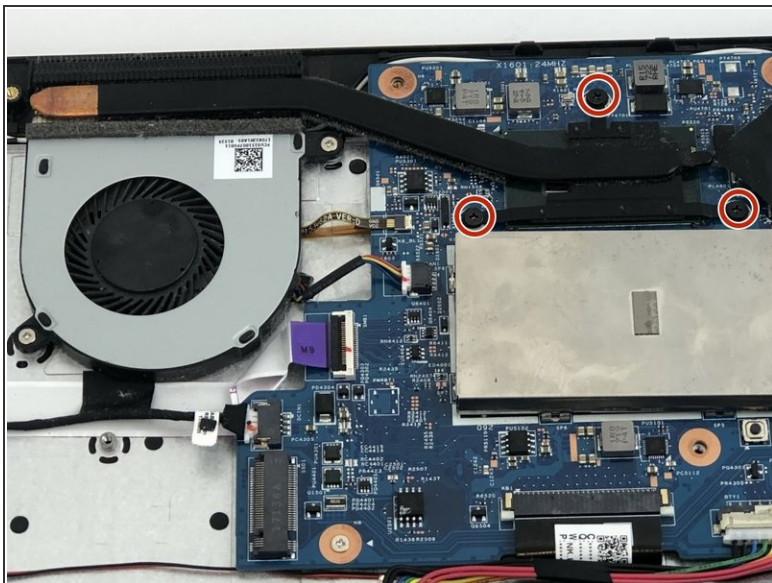
- Use your hand to carefully pull out the wiring harness from its port that is located between the battery and the motherboard.
- Remove the battery from the case.

## Step 6 — Cooling Fan



- Use Phillips #1 screwdriver to remove the two 4mm screws that are securing the fan.

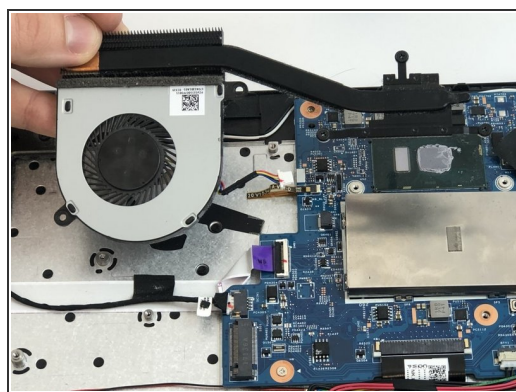
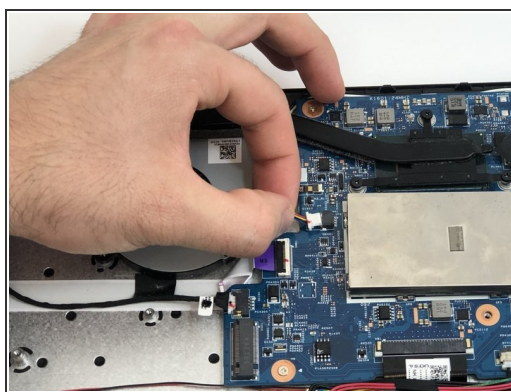
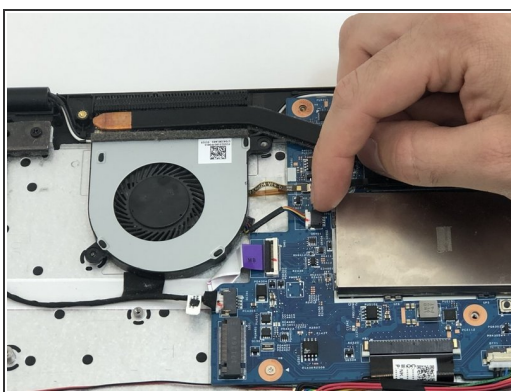
## Step 7



- Using Phillips #1 screwdriver remove three 5 mm screws to remove the heatsink.

**i** When removing the cooling fan, the heatsink component will stay connected.

## Step 8



- Using your hand, pull out wiring harness to disconnect the fan from the motherboard.
- Lift the fan out of the case to remove it.

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