



Acer Aspire 4810TZ-4120 Fan Replacement

A guide for replacing a faulty fan

Written By: Maria Saavedra



INTRODUCTION

This guide requires that you follow the Battery, Keyboard, and Hard Drive removal guides before you start this guide.

TOOLS:

- [Spudger \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Tweezers \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)

Step 1 — Fan



- Lay the acer upside down
- Use your screwdriver to unscrew all 19 two 5mm Phillips screws from the case
- After unscrewing all the screws, lift the case upwards and remove it

Step 2



- Go on the side of the computer
- Use the plastic opening tool and press it in between the upper case and lower case
 - When the plastic tool is in between the cases, start going around the computer until both case are officially not connected

Step 3



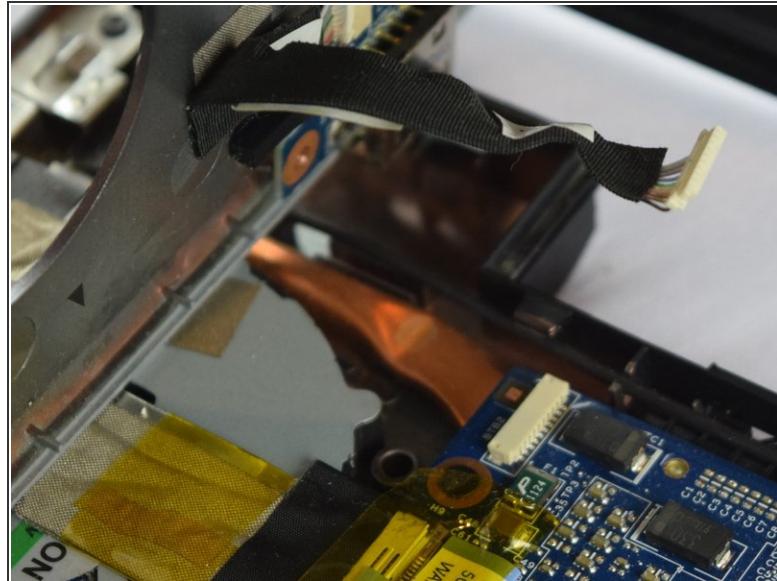
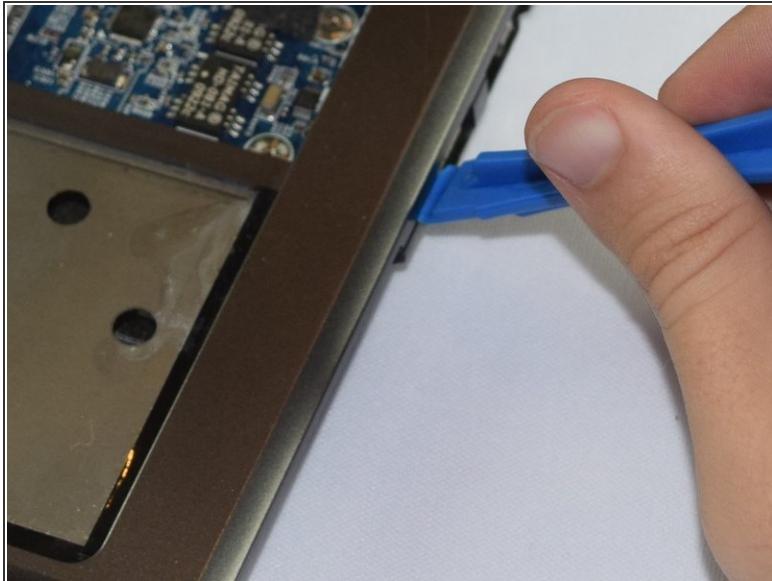
- Get a pair of tweezers
- Start to detach the wires that are connected to the computer
- Get a screwdriver and unscrew the screws that are circled in the picture

Step 4



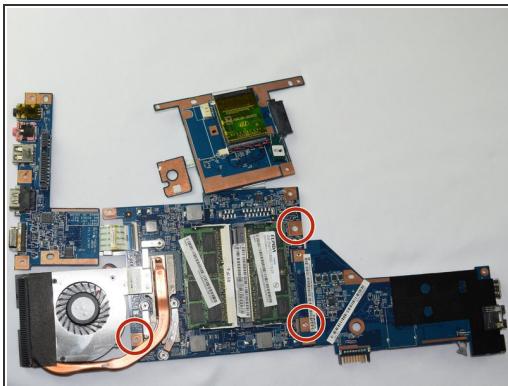
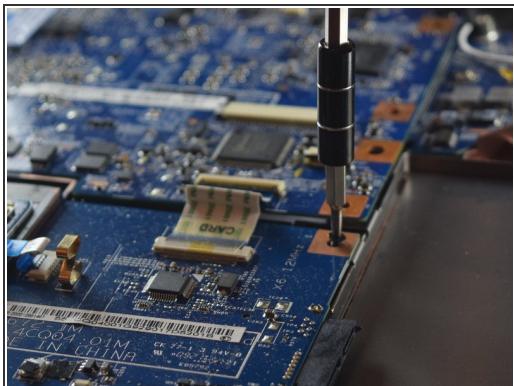
- Repeat Step 3 for detaching the rest of the tape
- Disconnect all wires from the boards

Step 5



- Lift up the upper case
- Disconnect the power supply wiring (the black wire)

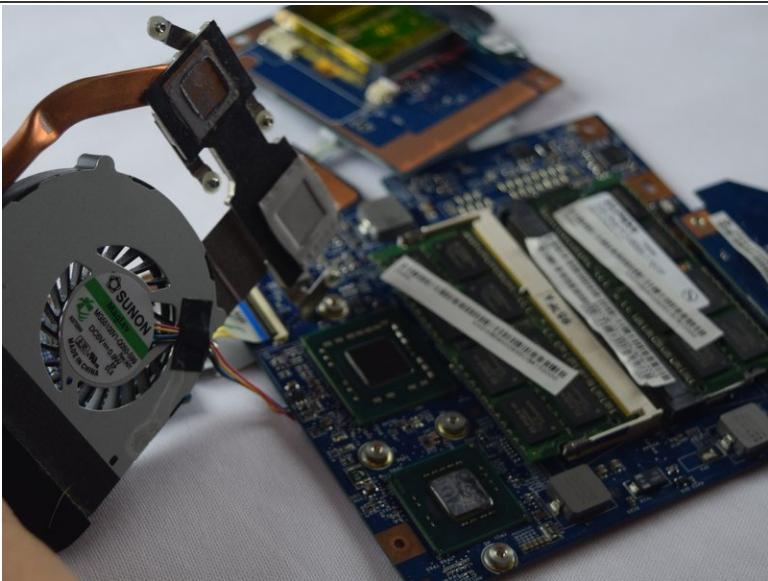
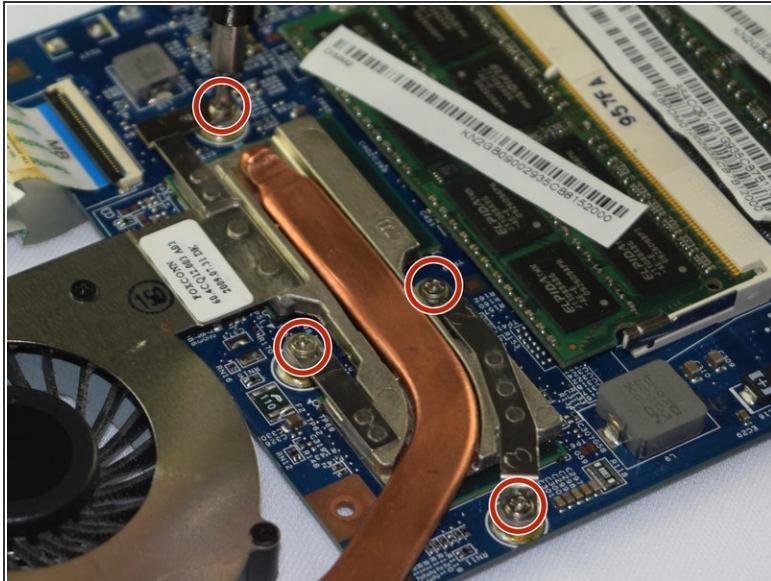
Step 6



- Remove the three screws
- Pull the boards upward
- Flip the boards upside down

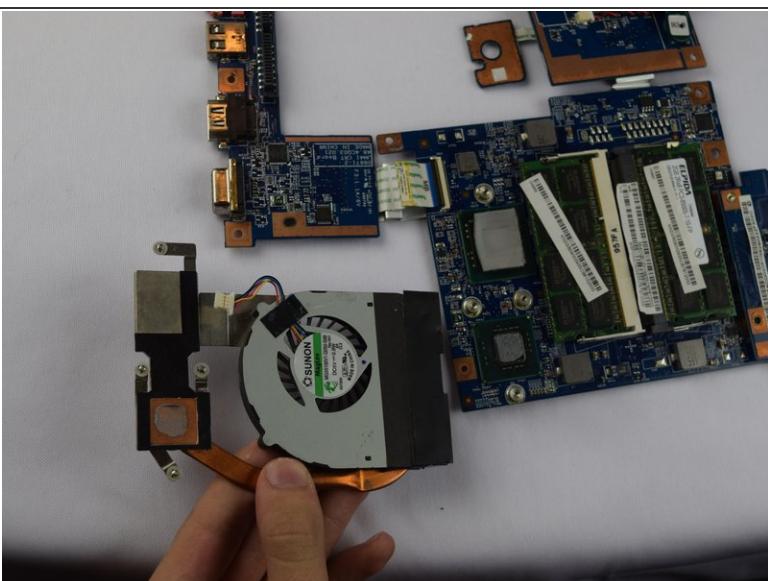
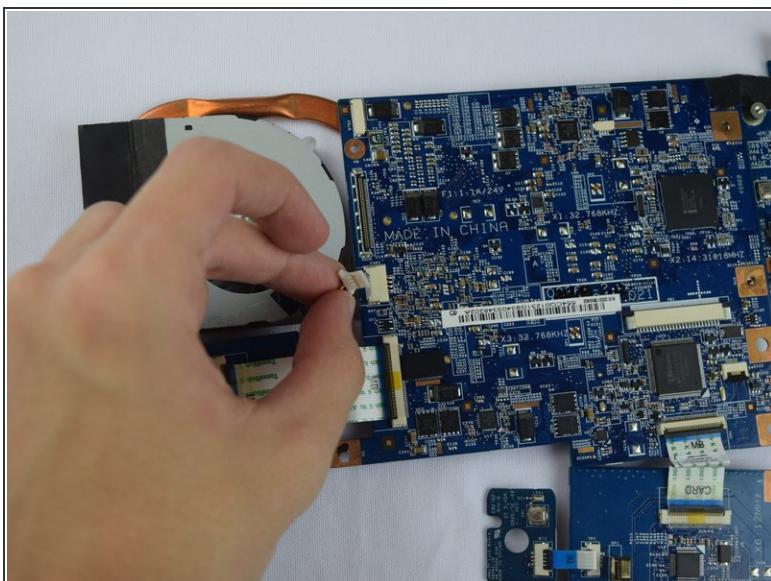
(i) The screws and the board were removed so that the holes could be better shown

Step 7



- Remove the four (4) screws that are holding the CPU's cover on

Step 8



- Gently detached the wire that is connected to the computer

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