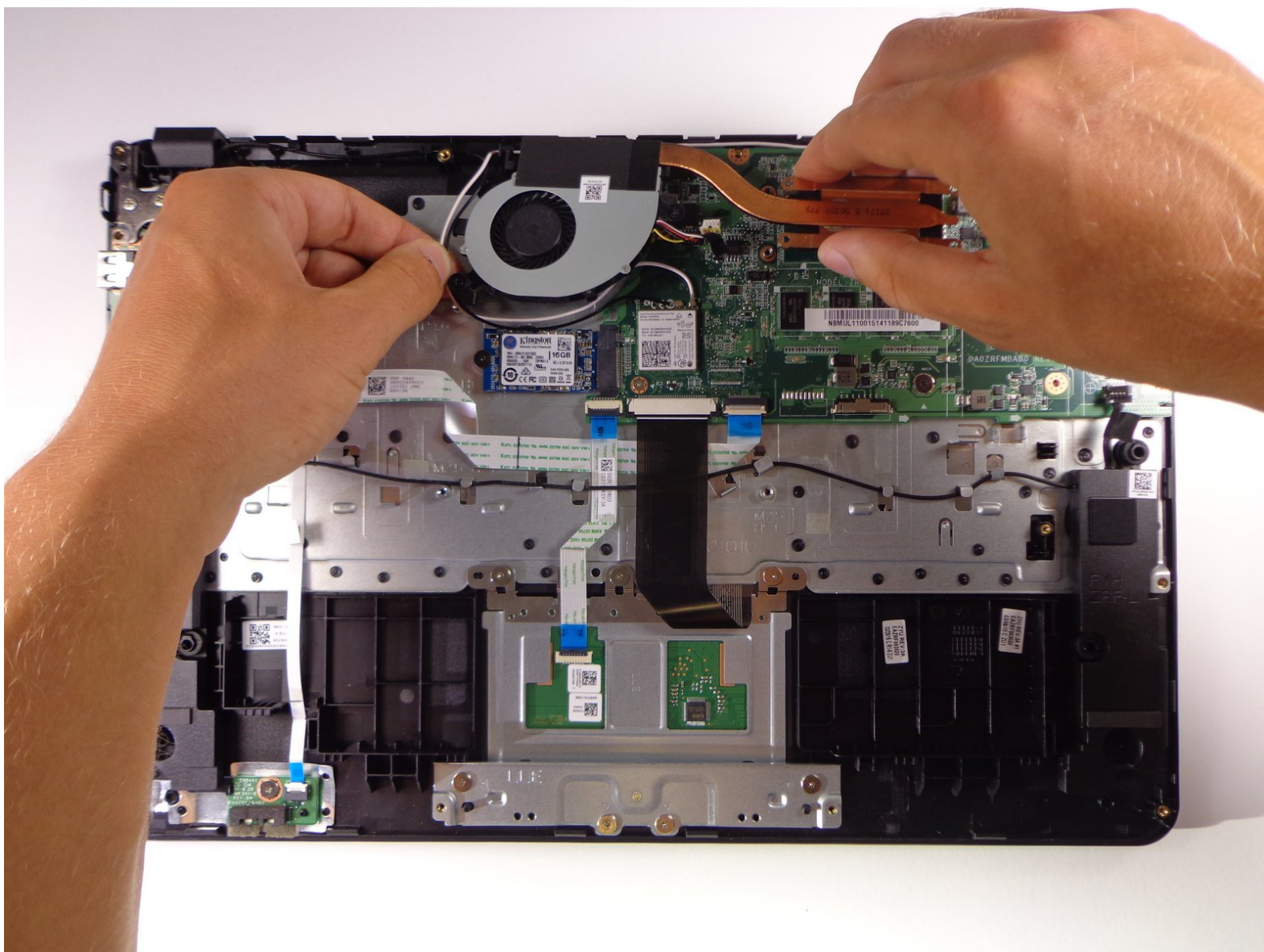# Acer Chromebook 15 C910-C453 Fan Replacement

This guide will show you step by step how to remove and replace the fan in the Acer Chromebook 15 C910-C453.

Written By: Jacob Rakestraw

INTRODUCTION

If your Chromebook is overheating, it may be a good idea to replace the fan.

TOOLS:

- Phillips #1 Screwdriver (1)
- iFixit Opening Tool (1)
- Spudger (1)

PARTS:

- Acer Chrome C910-C453 Genuine CPU Fan 4-Pin EF40050S1 & Heatsink SOL34ZRFTATN10 (1)

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www.iFixit.com

Step 1 — Battery

- Turn the Chromebook onto its backside and unscrew the the following Phillips #1 screws:
  - Sixteen 5mm Phillips screws located around the border.
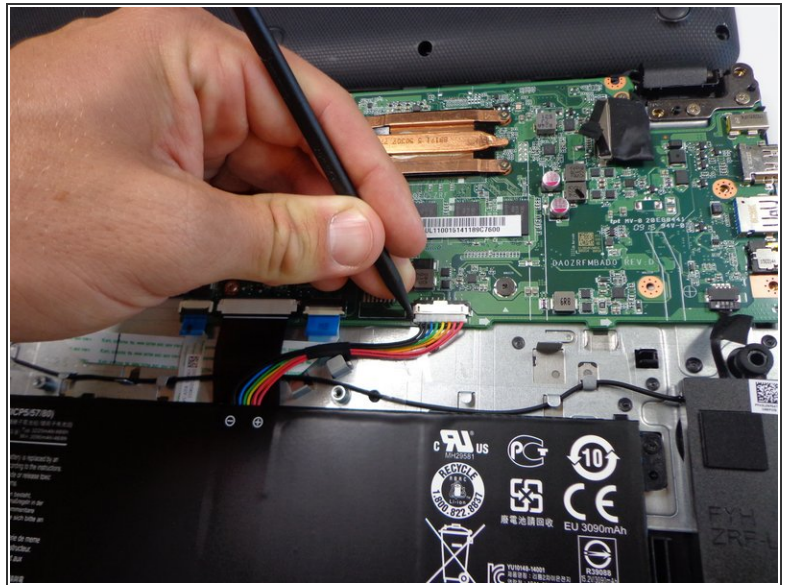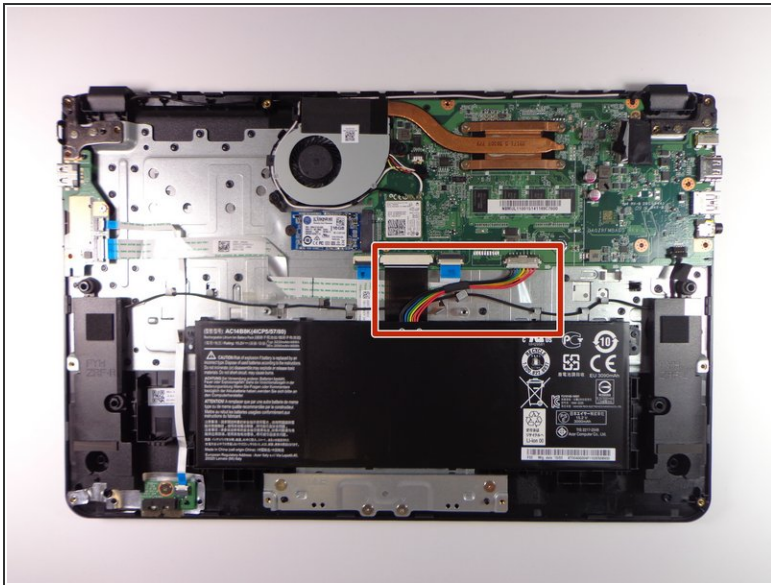 - Two 5mm Phillips screws located in center.

Step 2

- Remove the back cover by carefully prying each side with an iFixit Opening Tool.
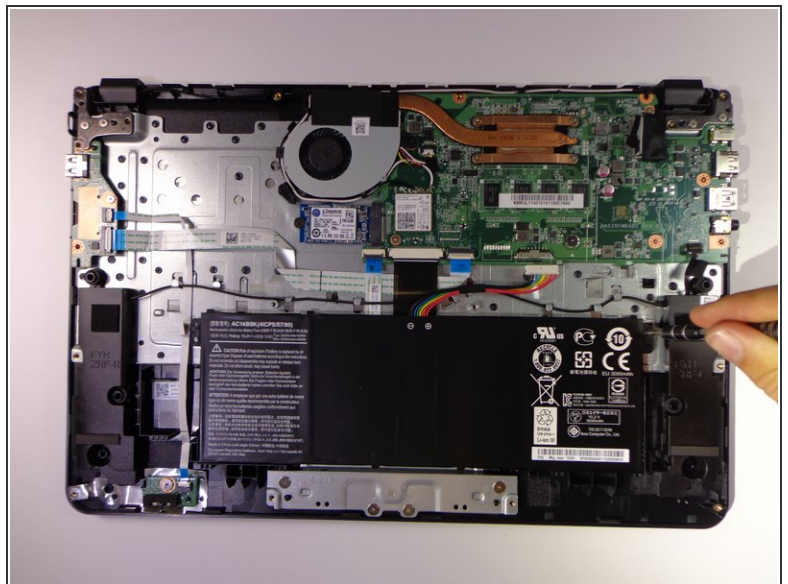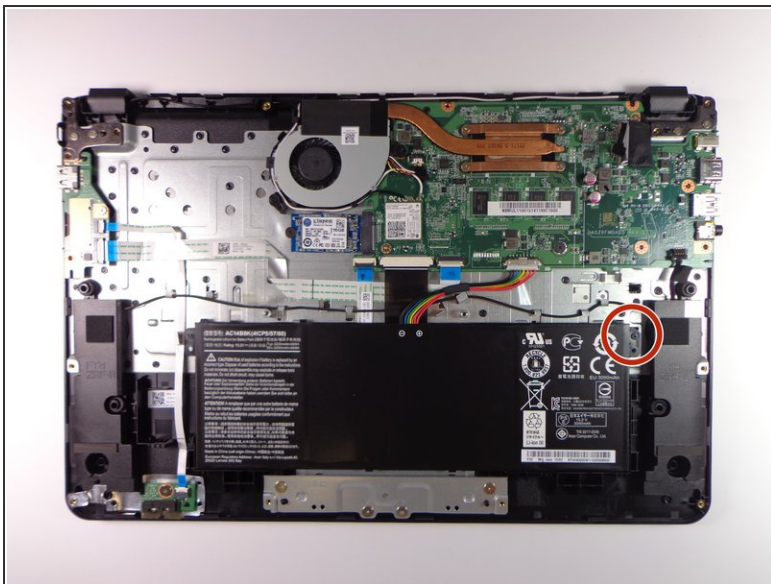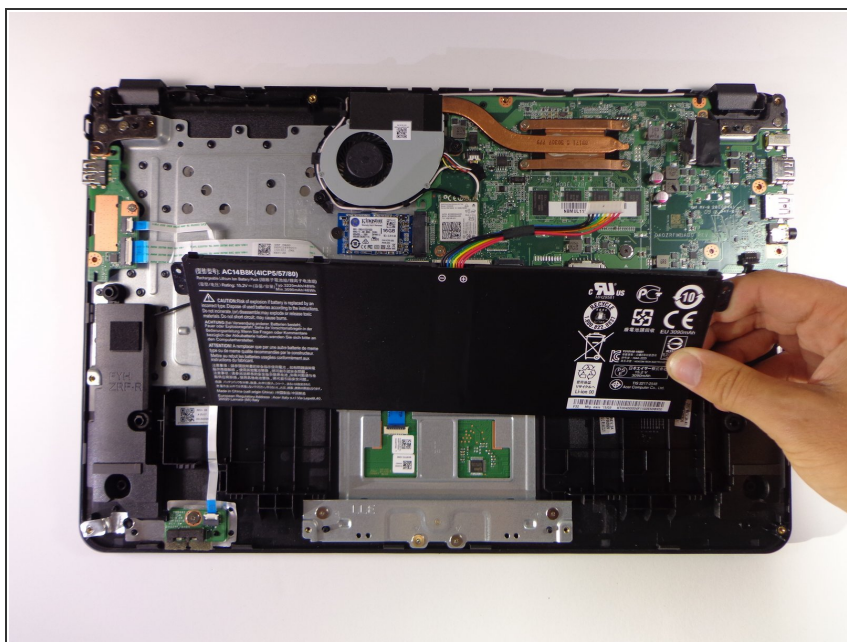- Set aside back cover.

Step 3

- Using a spudger, carefully unplug the rainbow wires connected to the top of the battery.
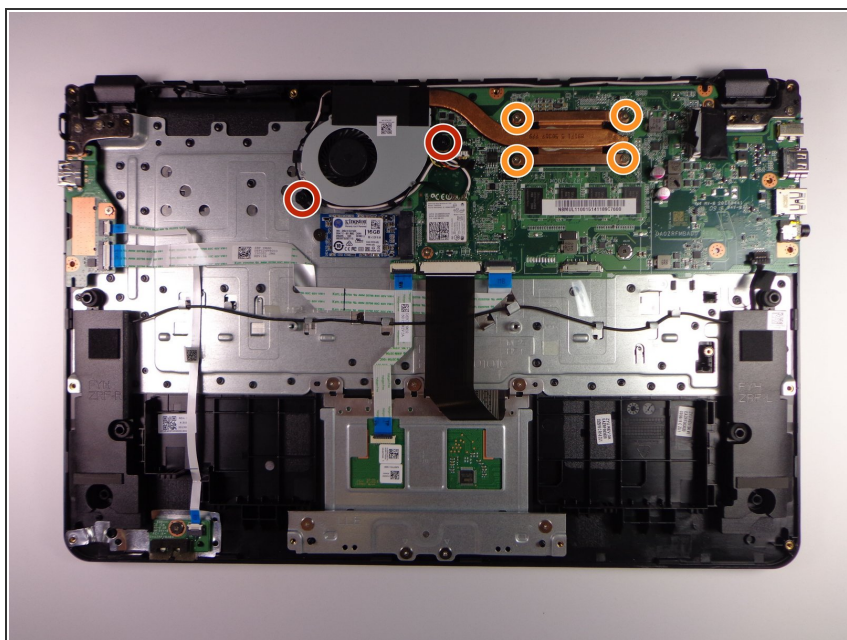
Step 4

- Unscrew the 4mm Phillips #1 screw located at the top right of battery.
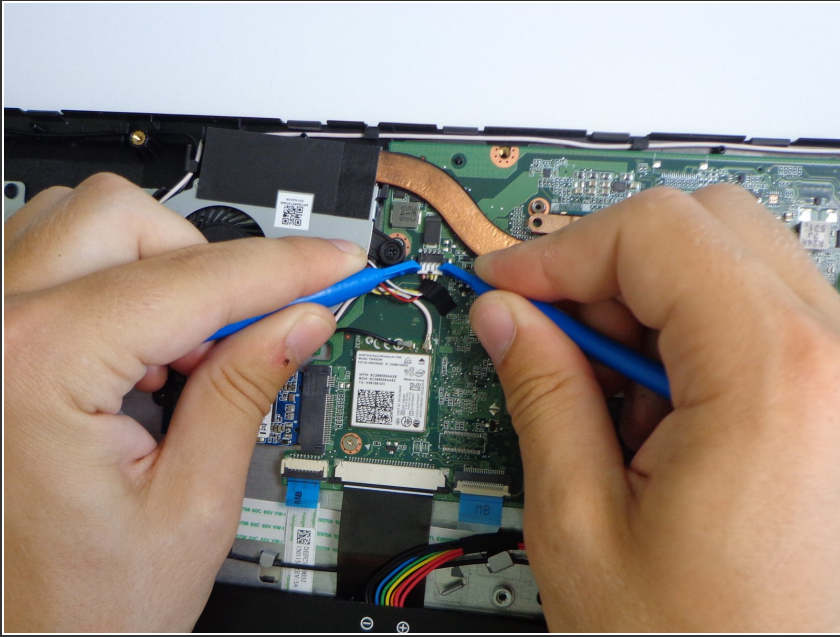
Step 5

- Remove the battery.

Step 6 — Fan

- Unscrew the following Phillips #1 screws:
  - Two black 4mm Phillips screws located on the fan.
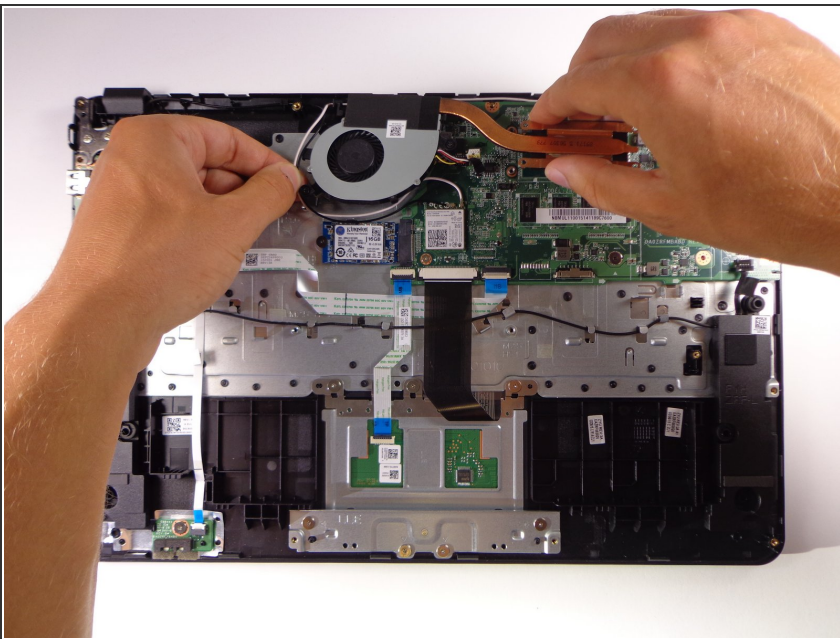 - Four copper 4mm Phillips screws located on the heat sink.

Step 7

- Disconnect the fan from the motherboard by pulling down on the wire connector with two iFixit Opening Tools.

Step 8

- Lift up the fan while unwrapping the black and white wires from around the fan.

⚠ Do not pull wires off of the motherboard.

- Remove the fan.

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

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