



# Dell Chromebook 11 CB1C13 Fan Replacement

This guide will show you how to replace the fan.

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## INTRODUCTION

This guide will show you how to replace the fan. It is very common for a fan to collect dust, and without proper cooling, a device may overheat and suffer permanent internal damage. Knowing how to remove a fan for proper cleaning can be beneficial for the condition and longevity of a laptop.

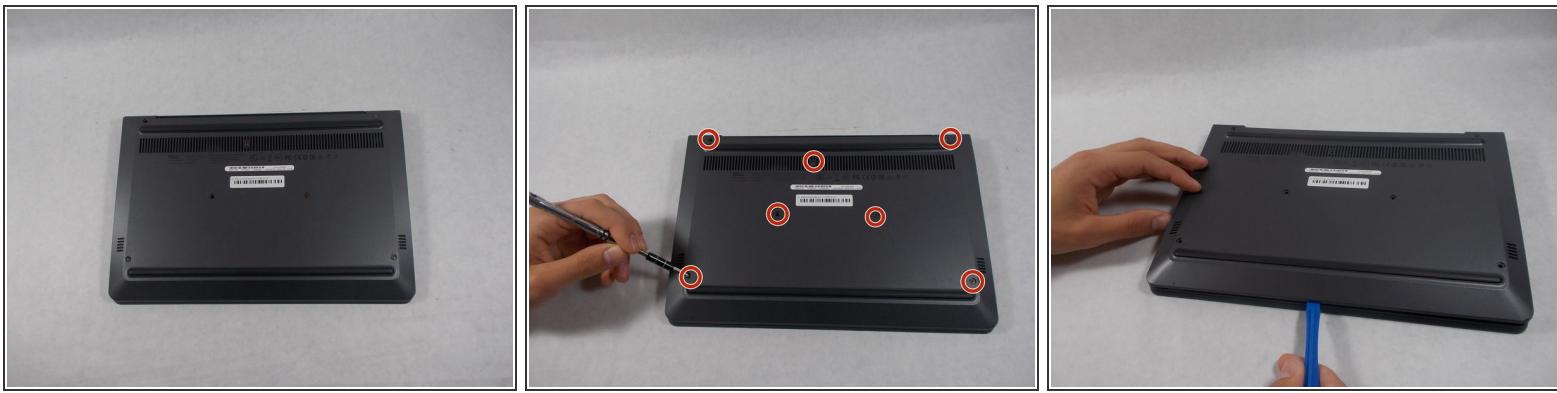
### TOOLS:

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

### PARTS:

- Dell Chromebook 11 CPU Cooling Fan (1)

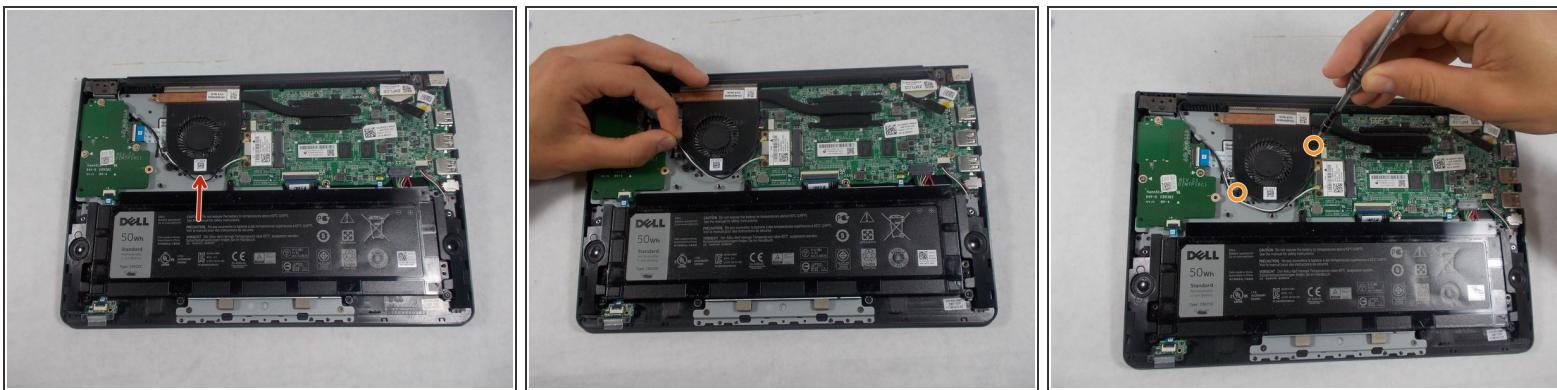
## Step 1 — Back Panel



! Make sure that device is fully powered down before attempting to open the back case.

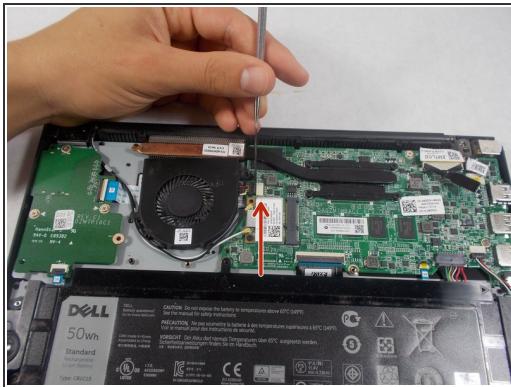
- Remove all seven 8 mm Philips #0 screws from the back case with a Philips #0 screwdriver.
- Once all seven screws are removed, you can pry the case off using your fingers or a plastic opening tool.

## Step 2 — Fan



- Locate the two wires that connect the fan to the device. One black, and one white.
- Move these wires off of the fan by gently pulling on them.
- Locate the two 8mm Philips #0 screws that connect the fan to the device.
- Remove these screws using a Philips #0 screwdriver.

## Step 3



- The fan is connected by a 5 pin port. Remove this by gently prying out the fan's port using your fingers or a plastic prying tool.

**⚠** The pin port can be very delicate. Any major bending or twisting can cause permanent damage to the port, and may leave it unable to work.

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