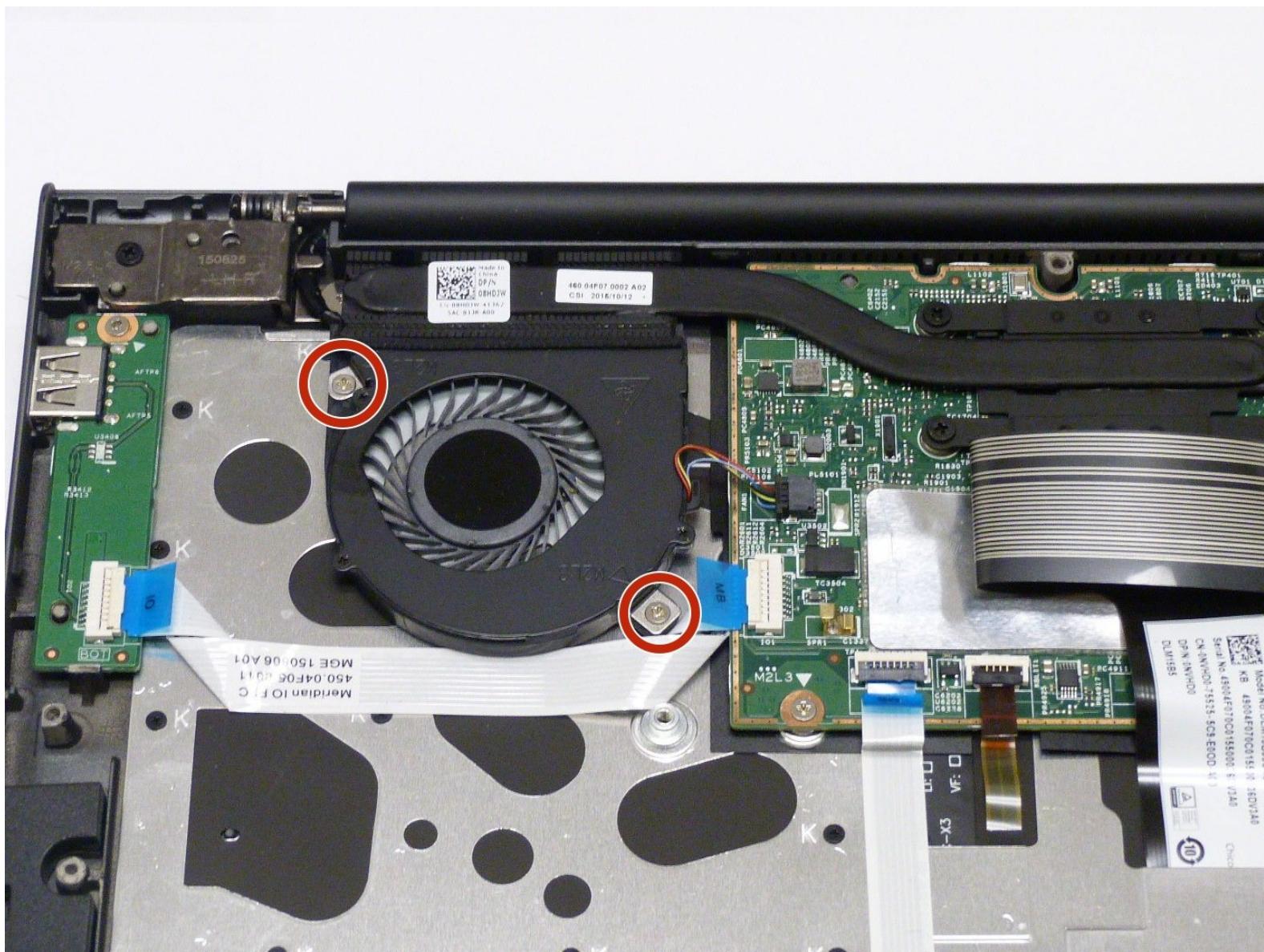




Dell Chromebook 13-7310 Cooling Fan Replacement

How to replace the motherboard cooling fan on a Dell Chromebook 13-7310.

Written By: Alec Thomas



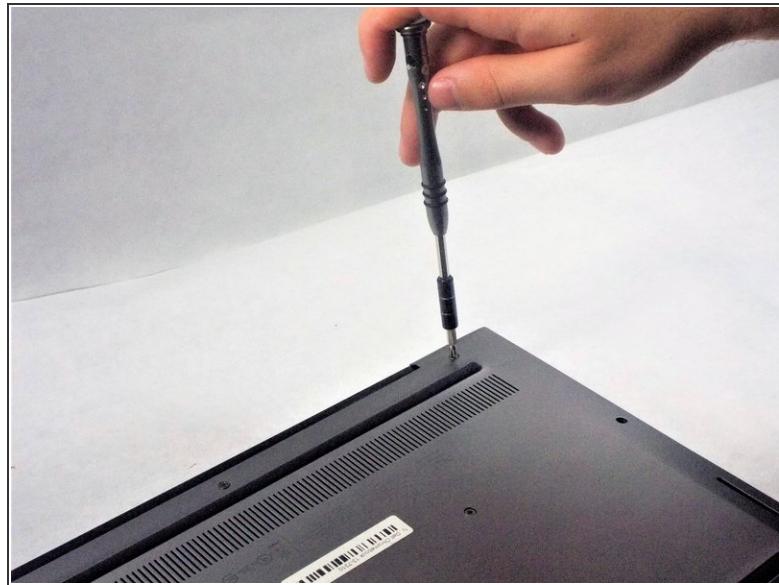
INTRODUCTION

The cooling fan is an integral part of the laptop; if it is running loudly or poorly, it could mean that the device is at risk of overheating. Fortunately, this problem is easy to fix, and the fan itself can be replaced following this guide.

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Fingers](#) (1)
- [Spudger](#) (1)

Step 1 — Back Cover



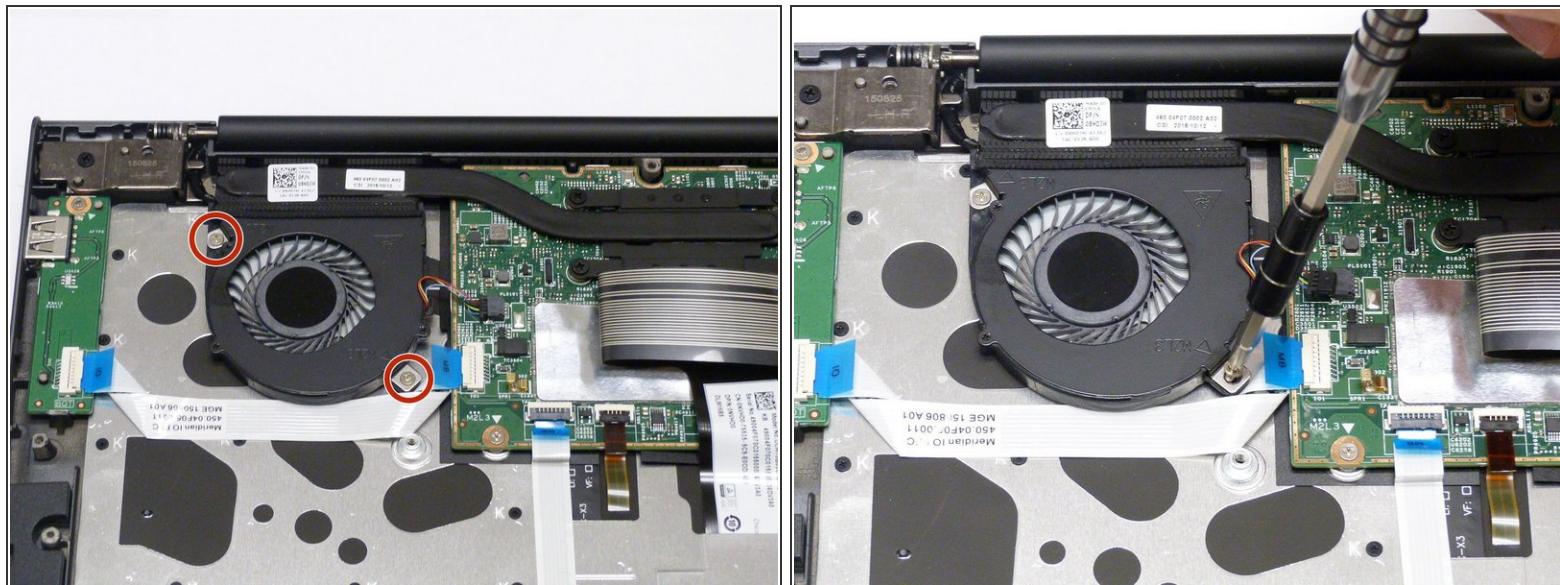
- Remove the eleven 3mm Phillips #1 screws.

Step 2



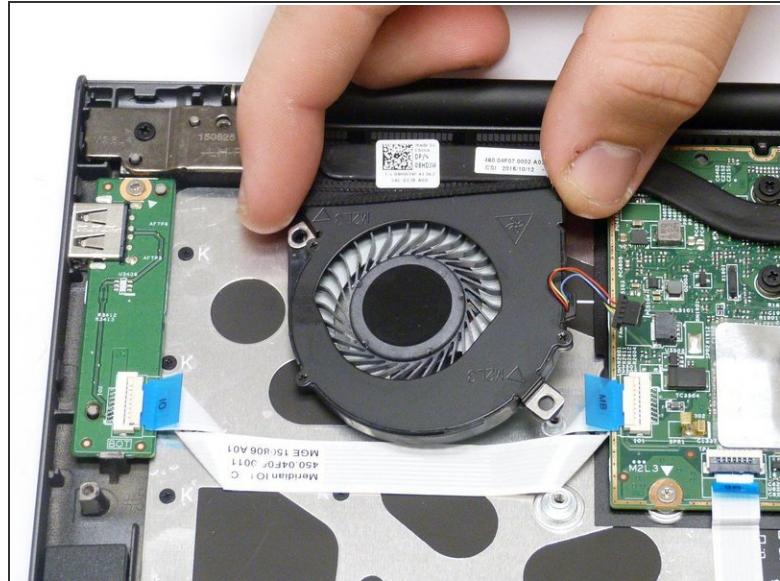
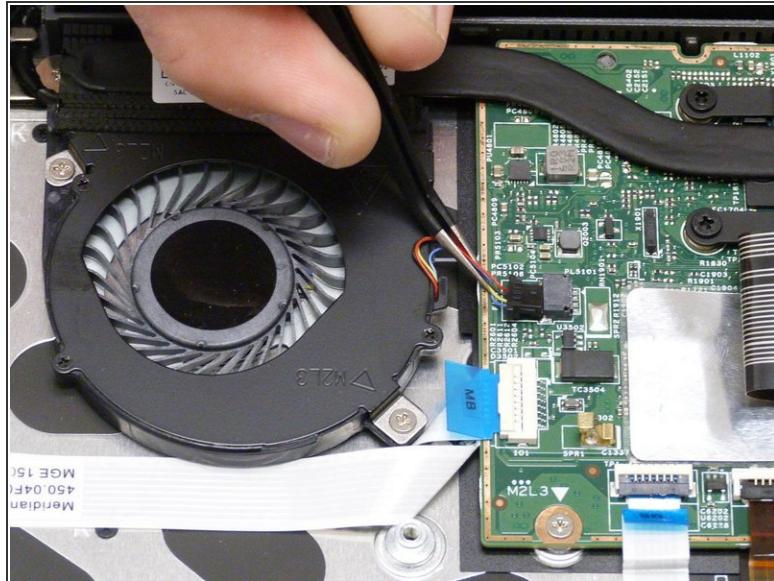
- Use a plastic opening tool to gently remove the back panel.
- (i)* It can be easier to pry open near a corner.

Step 3 — Cooling Fan



- Using the #1 Philips screwdriver, remove the two, 2mm screws securing the fan assembly.

Step 4



- Using your fingernails, pull the cooling fan cables loose from the motherboard.
- ⚠ We have the tweezers pictured to allow for a clear view of components. DO NOT use the tweezers to remove the cables, they could be damaged in the process.
- Finally, lift the fan assembly away from the computer.

Congratulations! You have successfully removed the cooling fan of your Dell Chromebook 13-7310. To reassemble your device, follow these instructions in reverse order.