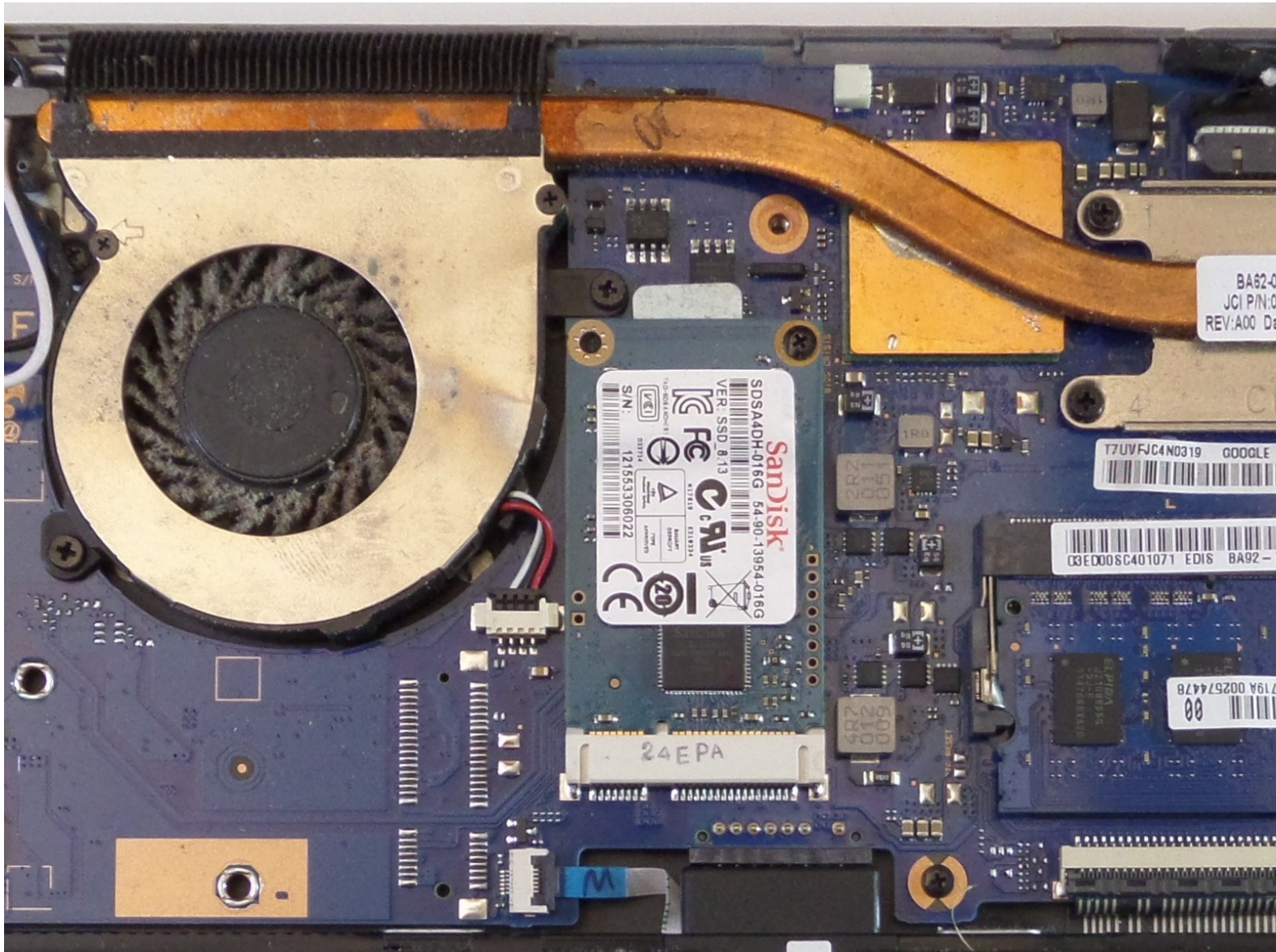




Samsung Chromebook XE550C22 Cooling Fan Replacement

Replace the cooling fan on a Samsung Chromebook XE550C22

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INTRODUCTION

After a period of time, the device might run too hot, this guide will help to clean up or replace the cooling fan for the Samsung Chromebook XE550C22.



TOOLS:

- [JIS #0 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
 - [Tweezers - Pro/ESD/Angled](#) (1)
 - [Spudger](#) (1)
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Step 1 — Back Panel



⚠ Turn the power off before beginning this step.

- Using the spudger, remove the four 1/2 inch skid pads from the back of the laptop.

Step 2



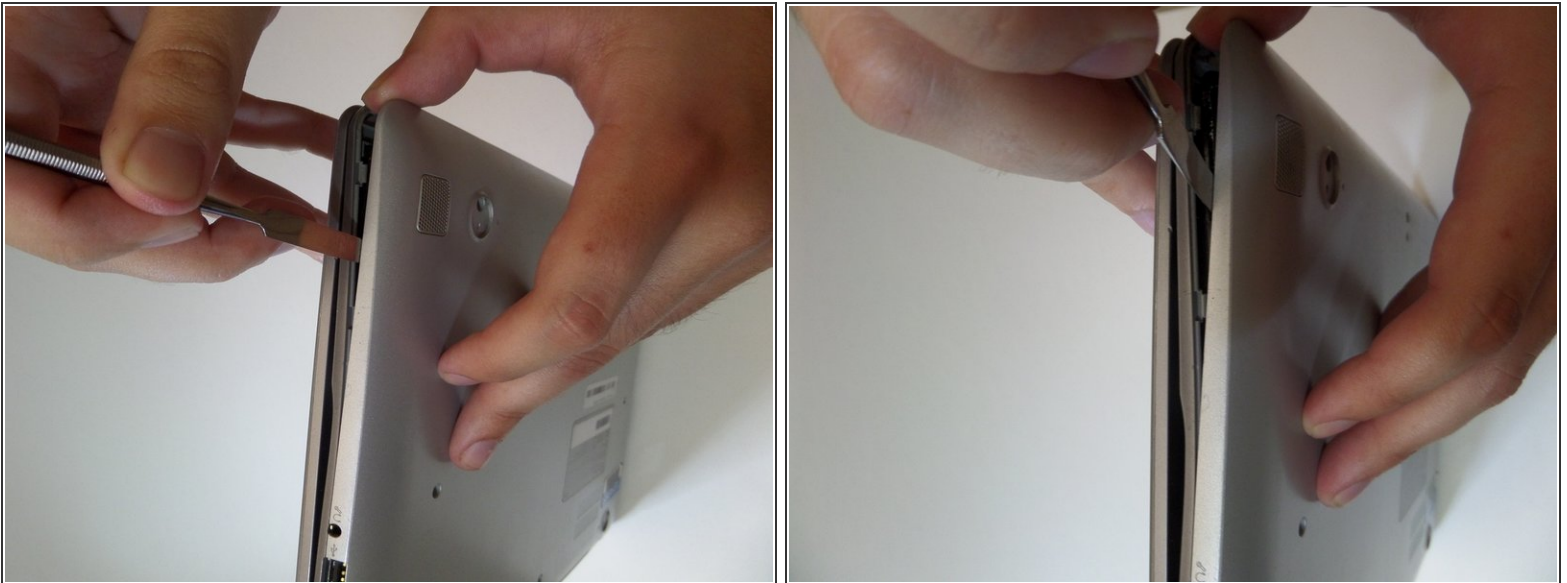
- Remove the eight 7mm screws using the J0 Screwdriver.

Step 3



- Starting at the center front of the laptop, insert the metal spudger between the keyboard panel and the bottom panel, separating the bottom panel from the laptop.
- Continue prying around the sides to release more brackets.

Step 4



- After disconnecting all the brackets, pull the back panel away from the laptop.

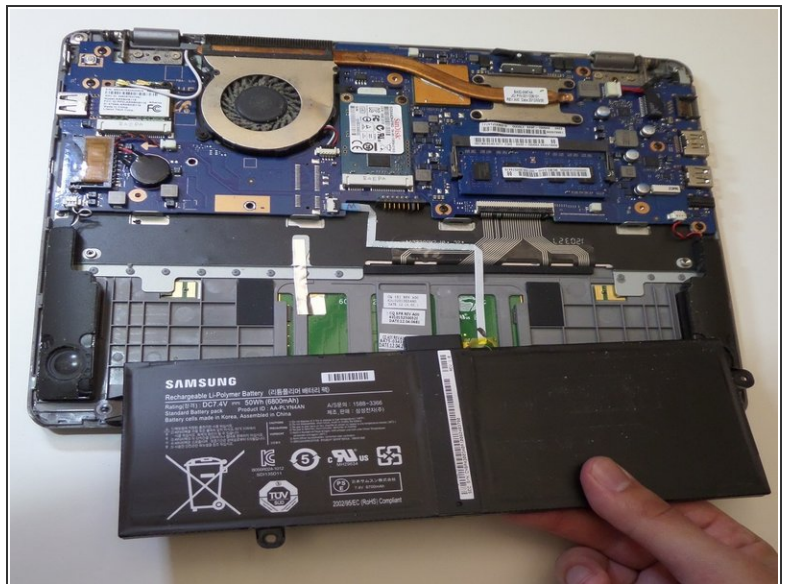
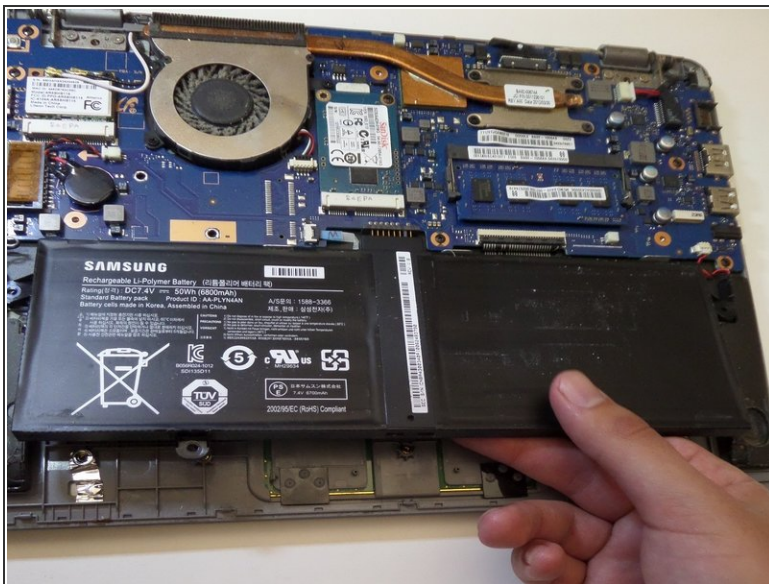
i Note: The back panel has some flex to it, don't be afraid to use some force.

Step 5 — Battery



- Remove the four 3mm screws holding the battery with the J0 screwdriver.

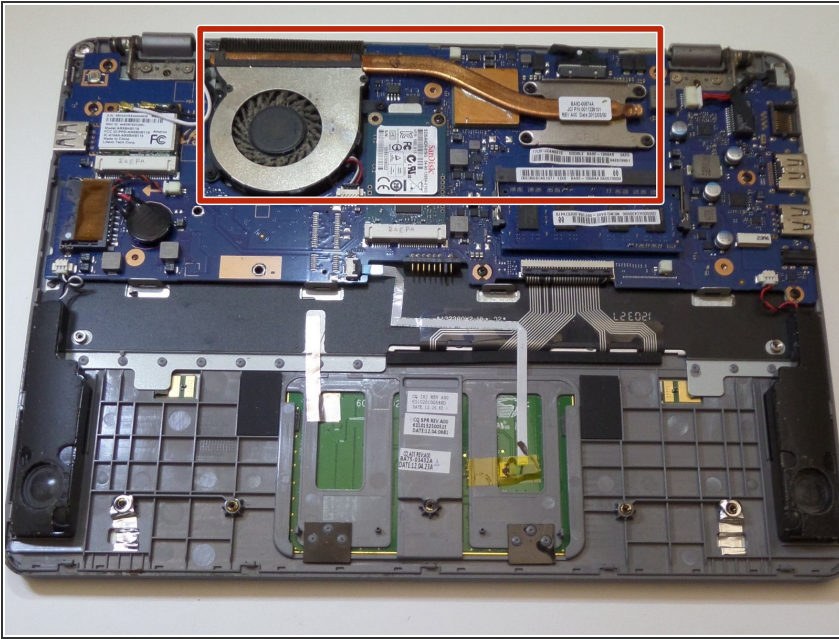
Step 6



- Lift the battery up at an angle to disconnect the battery from the motherboard, then pull it away from the laptop.

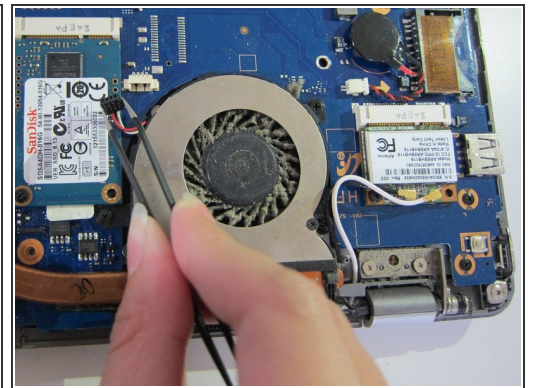
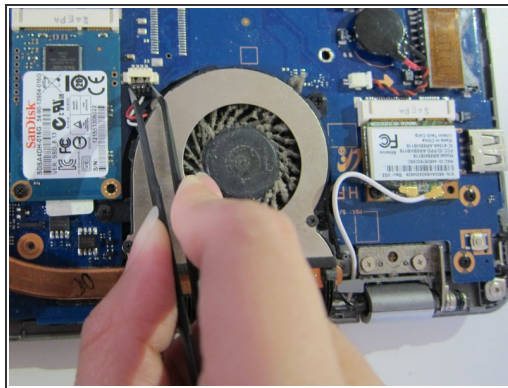
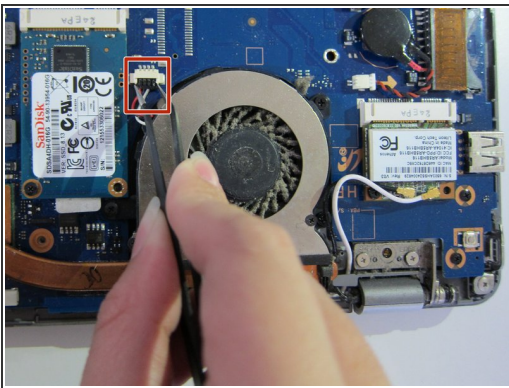
⚠ Do not lift the battery straight up. This will damage the battery's connectors.

Step 7 — Cooling Fan



- Locate the cooling fan and the heat sink on the top center of the Chromebook.

Step 8

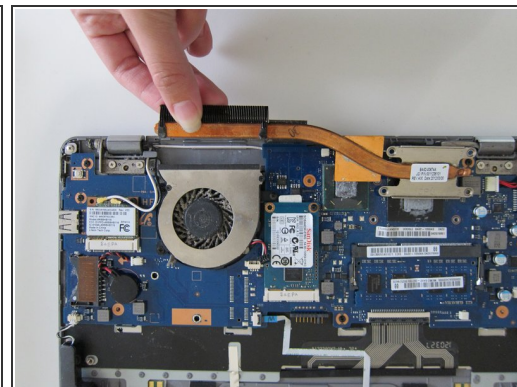
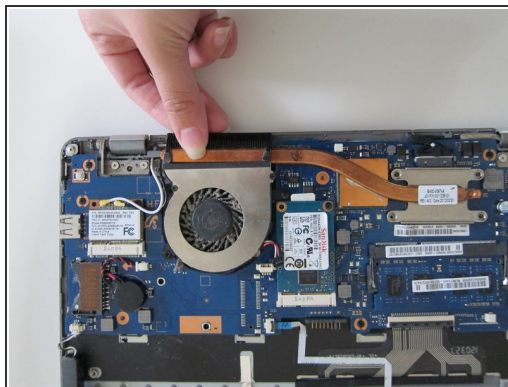
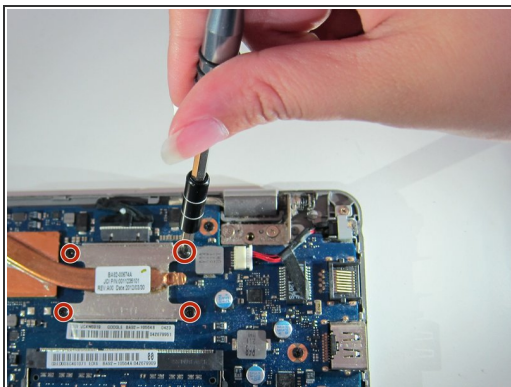


- Rotate the Chromebook 180 degrees so the fan is closest to you, and locate the fan power cable.
- Disconnect the fan cable from the motherboard with the angled tweezers.



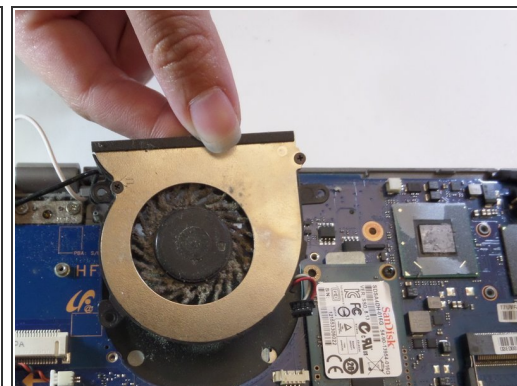
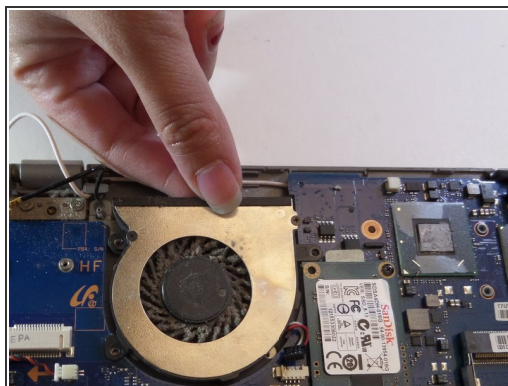
Be gentle and do not pull out the fan cable with excessive force. It will result with a non-working cooling fan and a damaged wire.

Step 9



- Remove four identical 6mm screws from the heat sink labelled CPU using the J0 screwdriver.
- Using your hands, gently lift up and pull away the heat sink.

Step 10



- Remove the three identical 6mm screws from around the fan using the J0 screwdriver.
- Using your hands, gently lift up the fan and pull it away from the laptop.

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