Samsung NP700Z5AH Fan Replacement
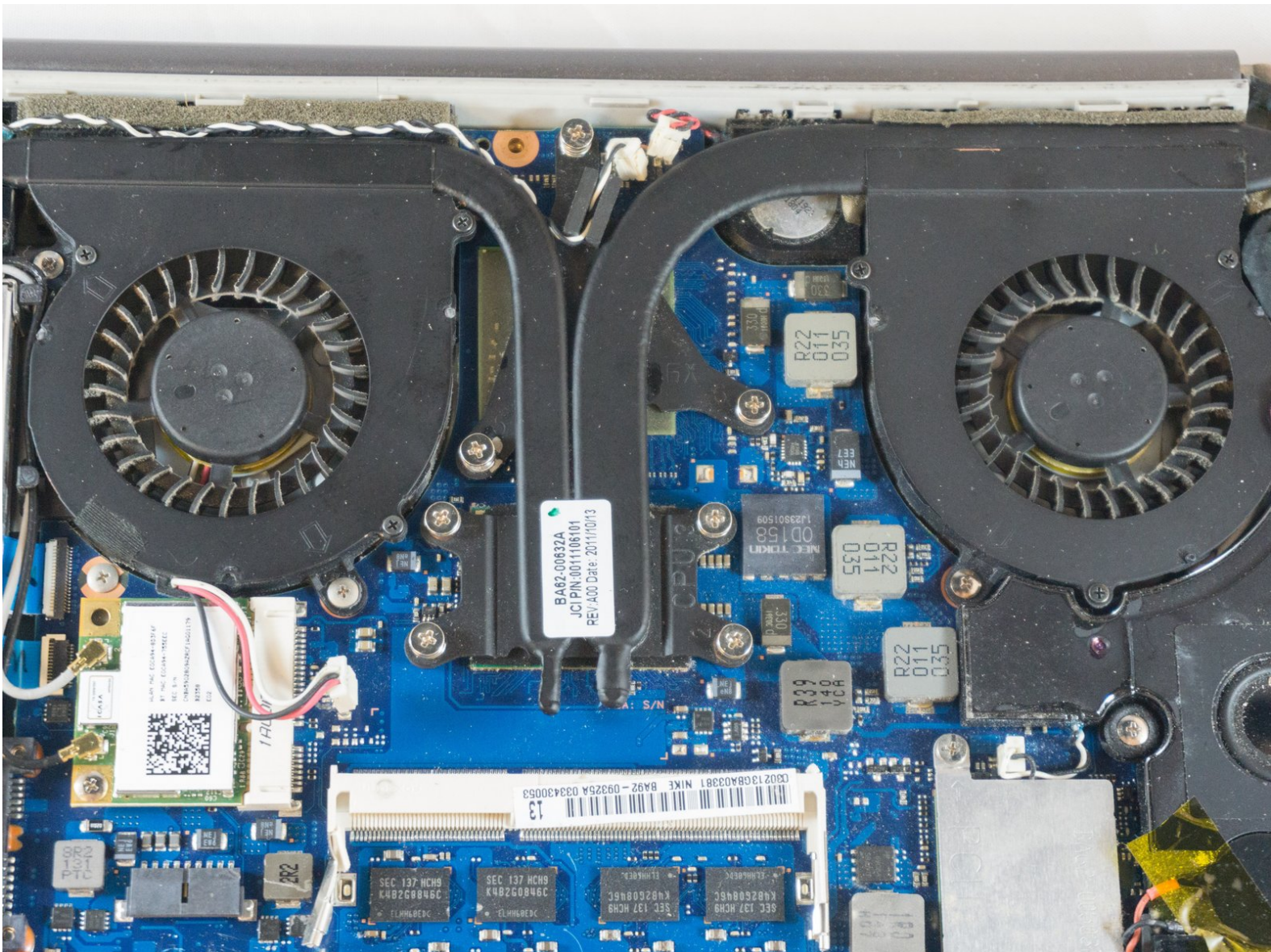
Use this guide to replace the fan in your Samsung NP700Z5AH.

Written By: Erik

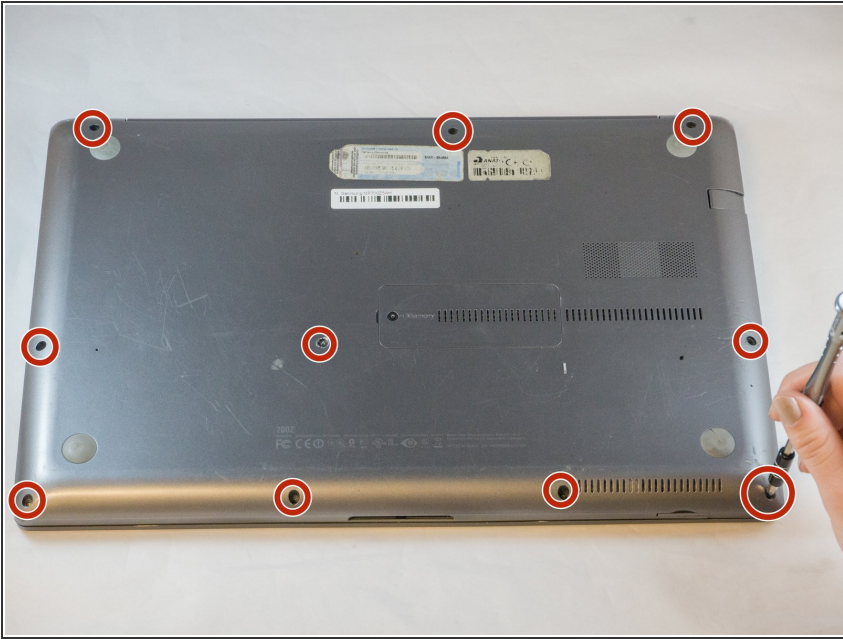This document was generated on 2019-09-21 05:14:57 AM (MST).

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INTRODUCTION

This guide provides details on how to remove a dirty or broken fan from the Samsung device.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- Tweezers (1)
- Spudger (1)

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Step 1 — Battery

- Remove the ten 6.6mm Philips#00 screws securing the lower case to the upper case.
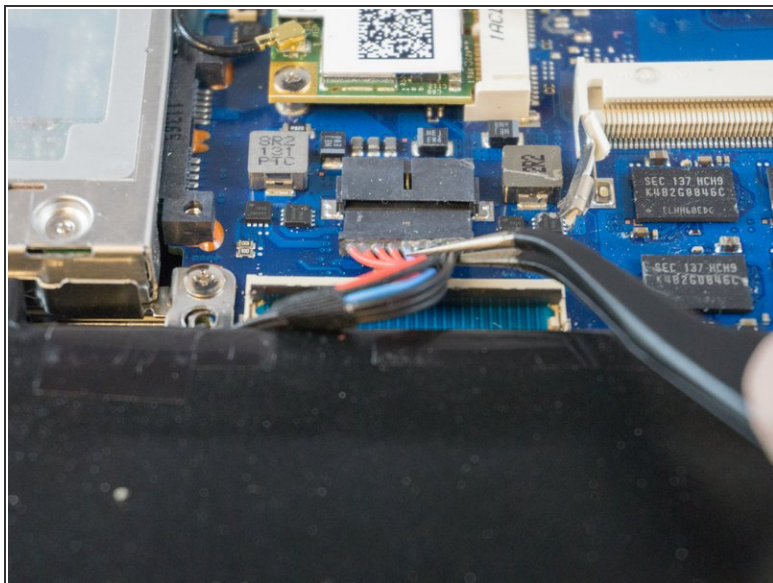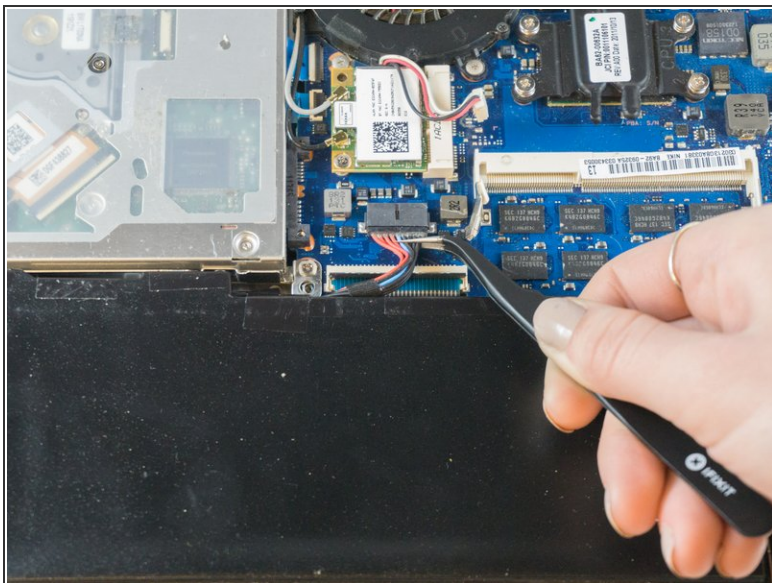
Step 2
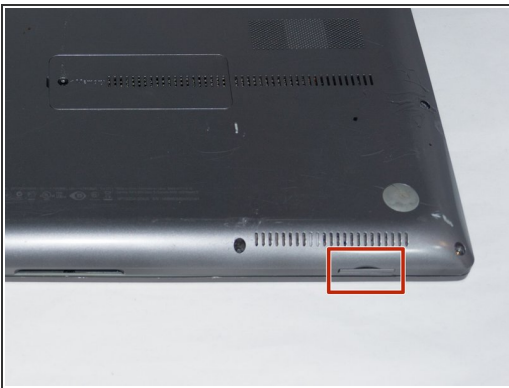
- Using your fingers, pinch the edge of the SD card and pull to remove it.

Step 3

- Wedge your fingers in between the upper case and the lower case

- Gently pull the lower case away from the upper case to remove it

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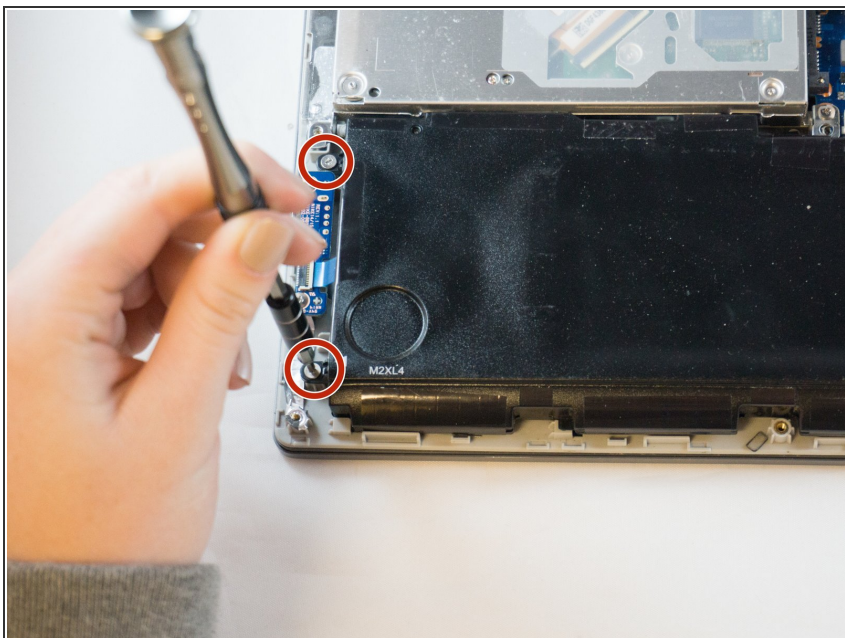
Step 4

- Using tweezers or your fingertips, carefully pull on the battery connector to disconnect it from the motherboard.
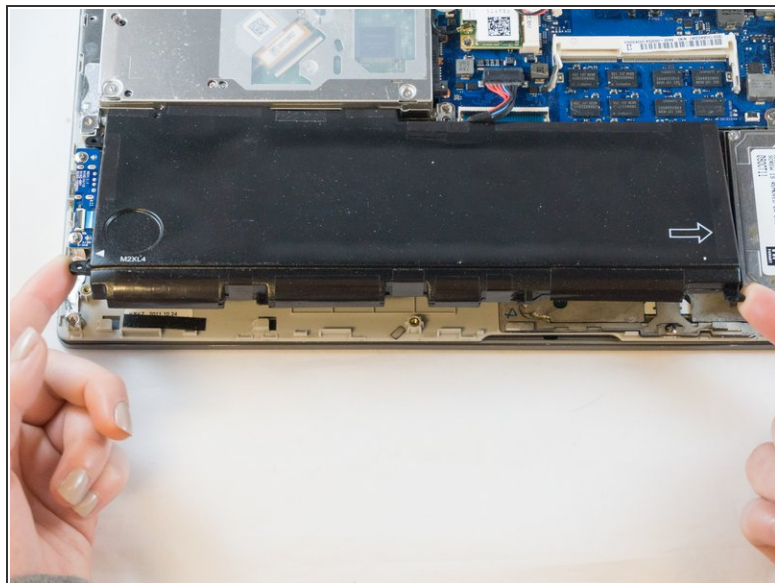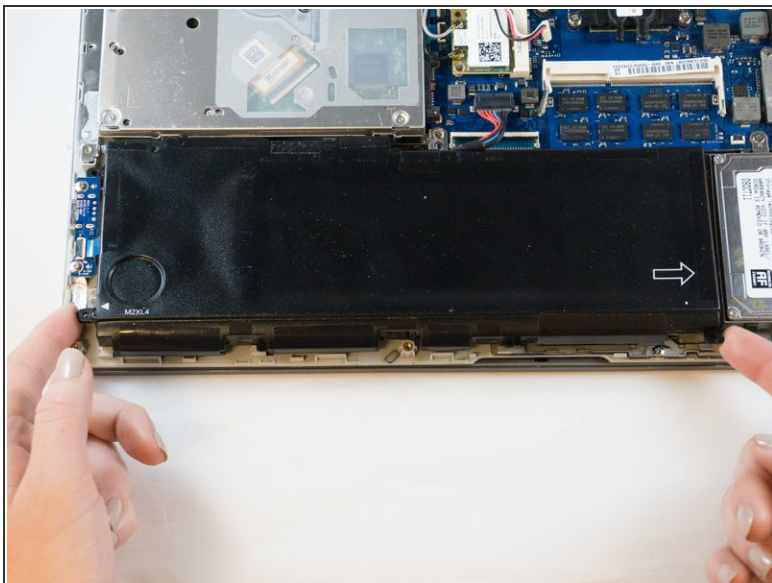
⚠ Be sure to pull straight backwards, or you risk damaging the wires.

Step 5

- Remove the two 4.4mm Phillips#00 screws from the battery case.

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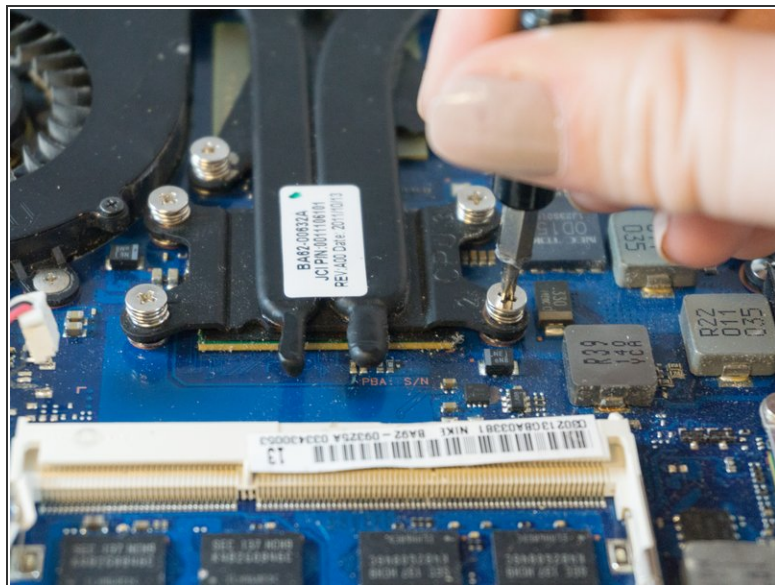© iFixit — CC BY-NC-SA
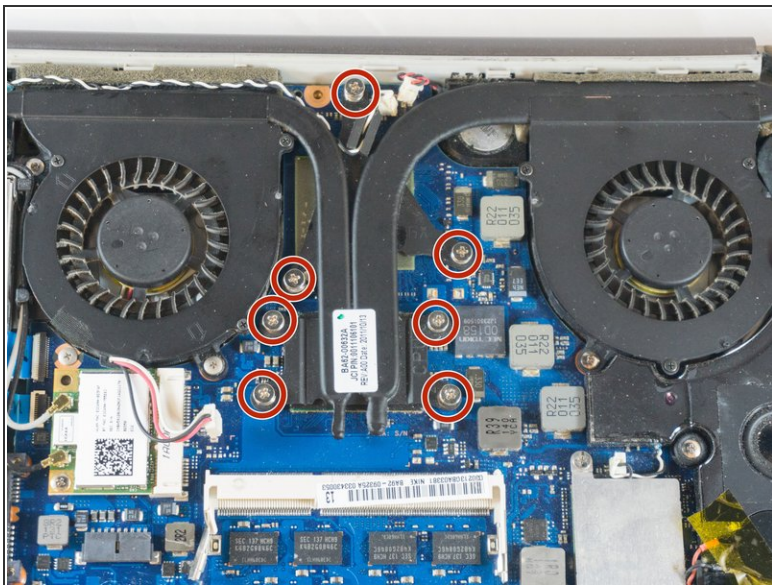
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Step 6

- Place your fingers on the corner sections of the battery.
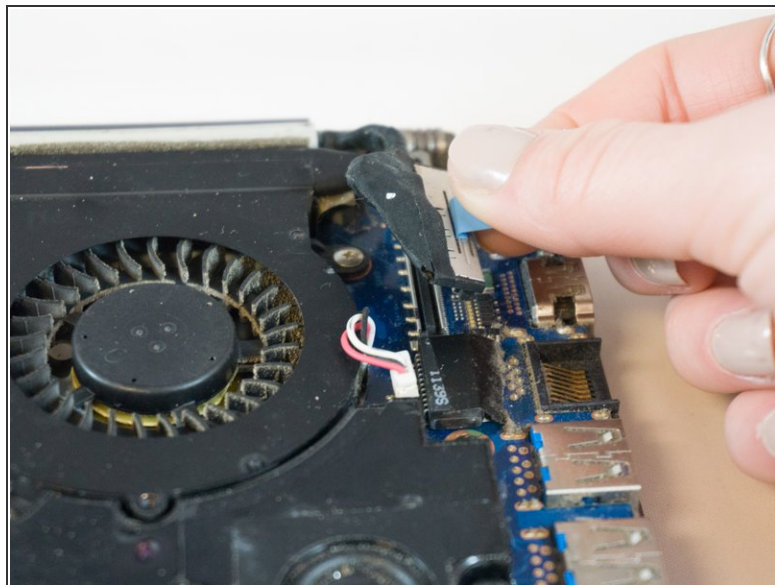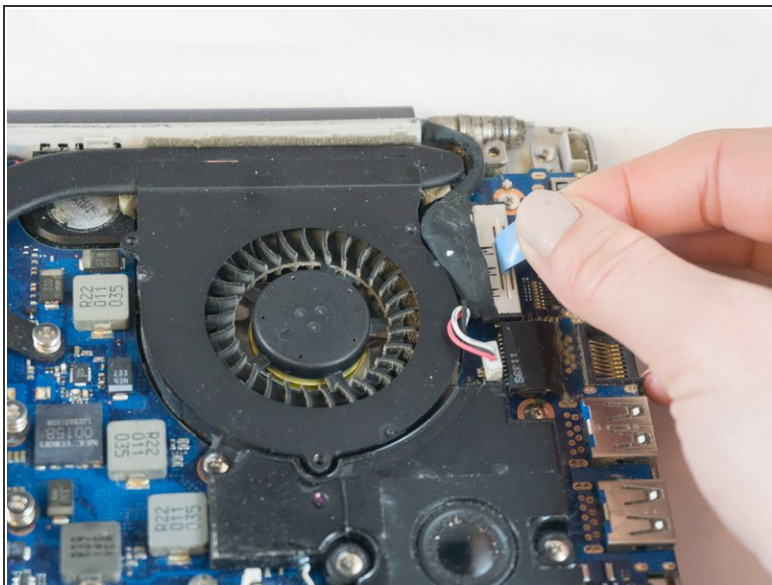
- Lift to remove the battery.

⚠ If you choose to use tools to remove the battery be careful not to damage it. A damaged lithium-ion battery may leak dangerous chemicals and/or catch fire. Use only plastic pry tools.

Step 7 — Fan

- Loosen but don't remove the 7 silver Phillips #00 3.5mm screws securing the fan to the motherboard. They should detach from the motherboard and remain attached to the fan assembly.

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Step 8

- Using your fingers, grasp the blue ribbon on the fan connector and pull straight up to disconnect it from the motherboard.

- ⟐ To reinstall the cable, hold it near the end and push it straight into the connector, being careful not to kink the cable.

Step 9
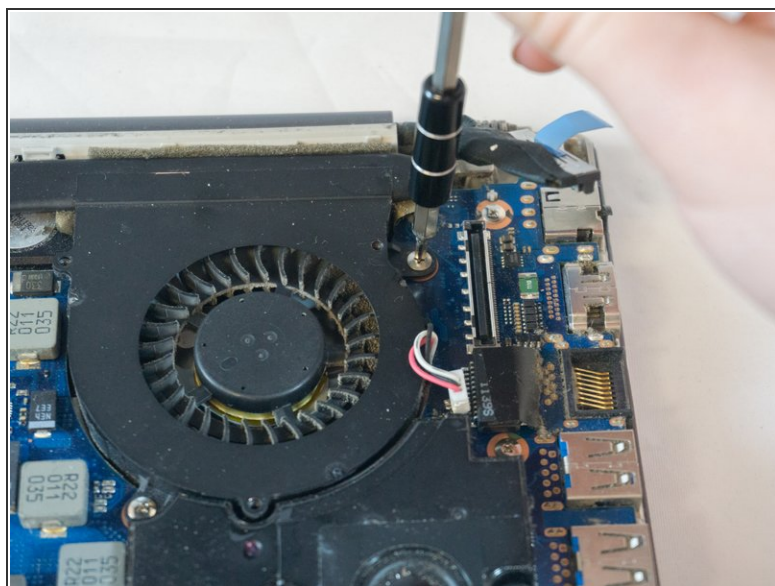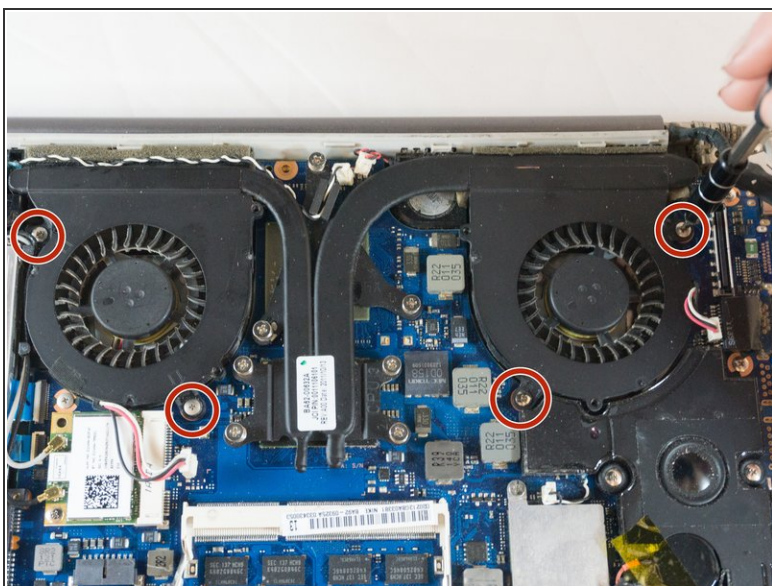
- Using the Phillips#00 remove the four 3.5mm screws securing the fan to the motherboard.

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Step 10
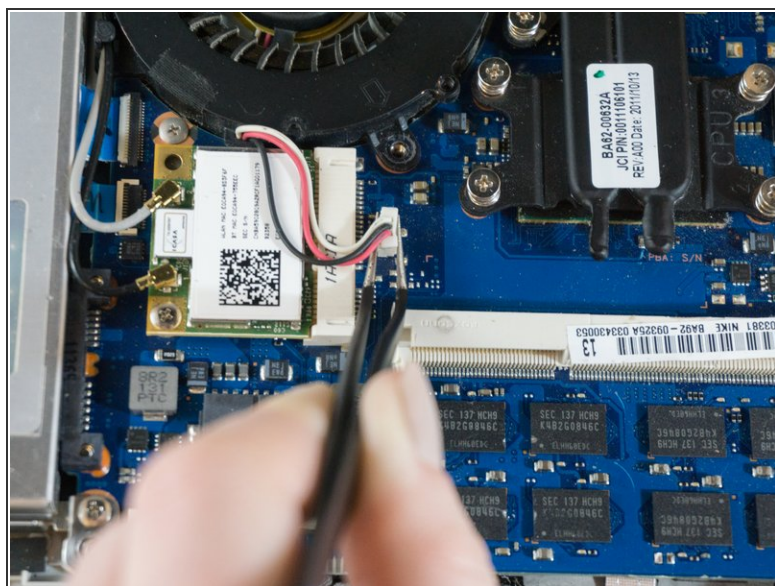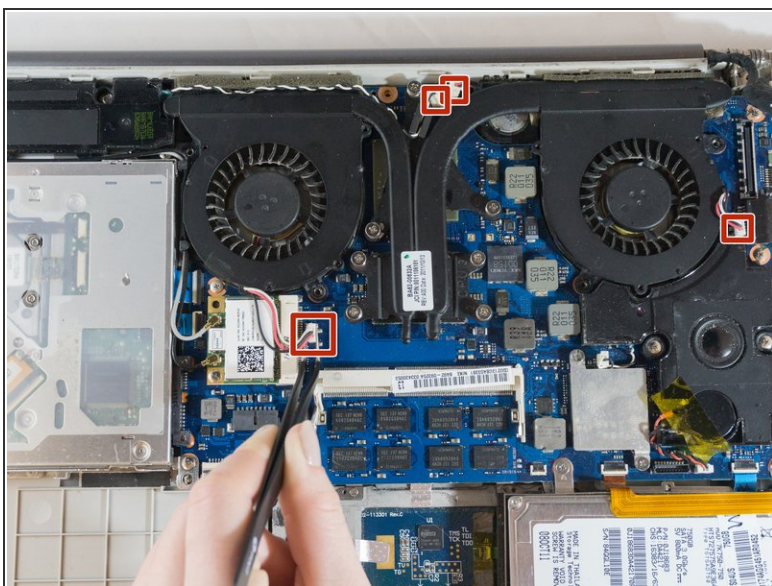
- Using tweezers, carefully pull up on the four power cable connectors to disconnect them from the motherboard.

- ⚲ These connections were originally soldered and will need a small drop of solder to be re-attached. Use this guide to learn How To Solder and Desolder Connections

Step 11
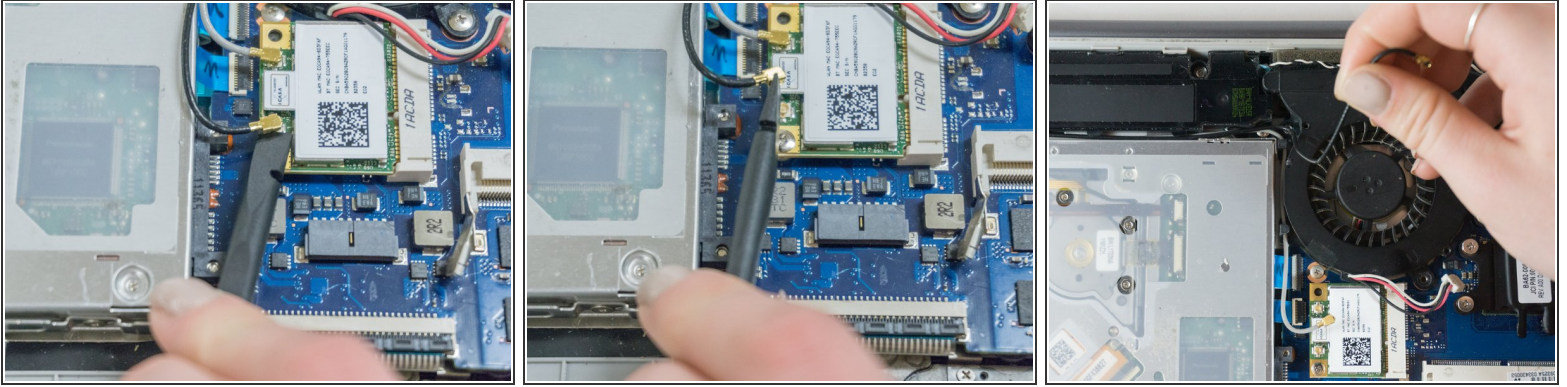
- Place the tip of the spudger under the metal caps of the black and grey coaxial connectors and pry upwards to disconnect them.

- After they are disconnected, un-thread them from around the fan.

- ⭐ To reinstall, hold the connectors in place and gently press them straight down. The connectors "snap" into their sockets much like the metal snaps on a jacket.

Step 12
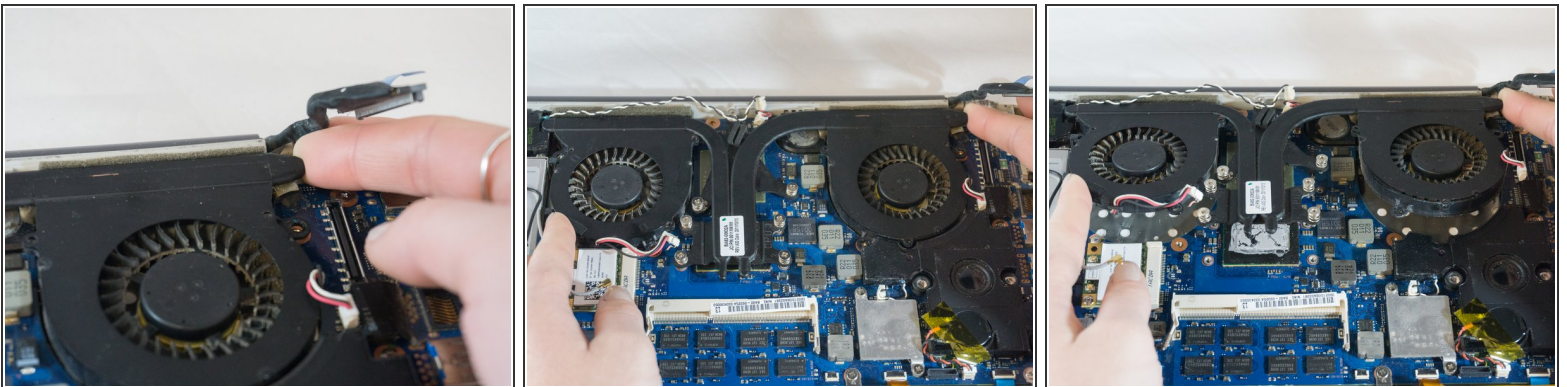
- Wedge your fingers under opposite corners of the fan and lift to remove it.

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

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