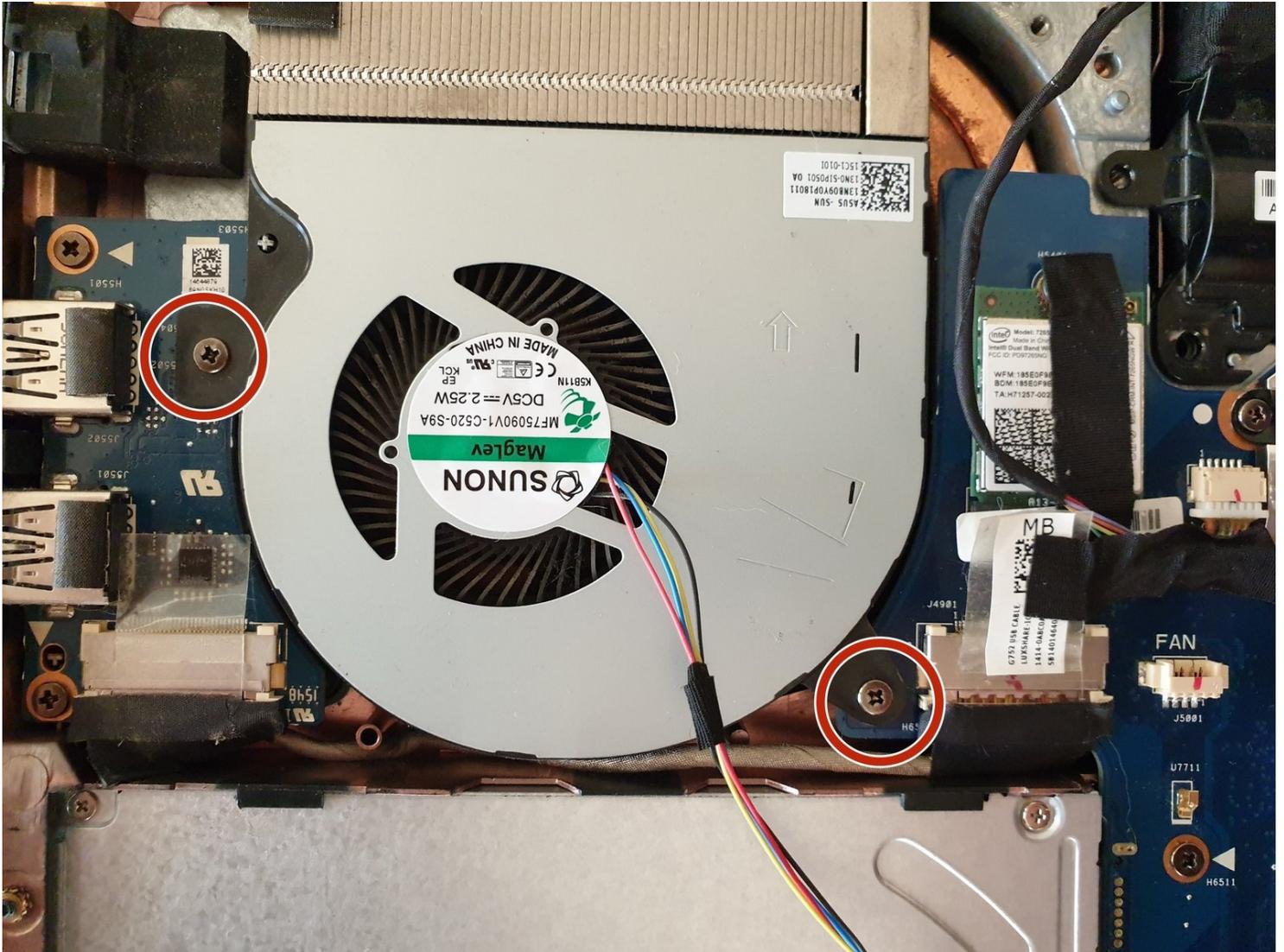




Asus ROG G752V Fan Replacement

If your computer is overheating it may be due...

Written By: Jeong



INTRODUCTION

If your computer is overheating it may be due to a dirty or old fan. This guide will show you how to clean or replace the fan of Asus ROG G752V laptop.

Look at our [Asus Rog G752V Troubleshooting](#) page to identify the symptoms of a dirty or old fan. If your symptoms match, follow this guide to clean or replace your fan.

Before you start working, make sure that your Asus ROG G752V laptop charger is disconnected, and your laptop is turned off. In addition, follow the warnings that are attached to images in this guide.

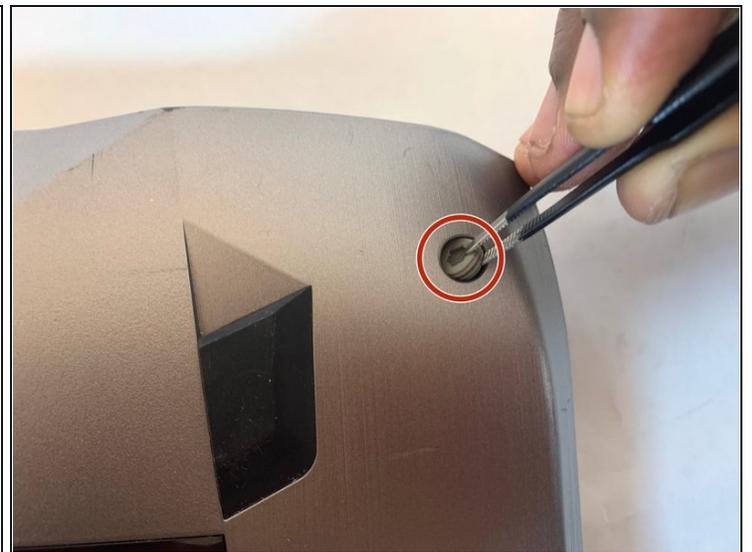
TOOLS:

[ESD Safe Blunt Nose Tweezers](#) (1)
[Phillips #00 Screwdriver](#) (1)
[iFixit Opening Tool](#) (1)
[Phillips #0 Screwdriver](#) (1)
[Tweezers](#) (1)

PARTS:

[Asus G752V Battery](#) (1)
[Asus ROG G752V Fan](#) (1)

Step 1 — Battery



 **Make sure you disconnect the charger before starting this guide.**

- Pick out all 11 rubber plugs off of the back cover with a pair of [tweezers](#).

Step 2



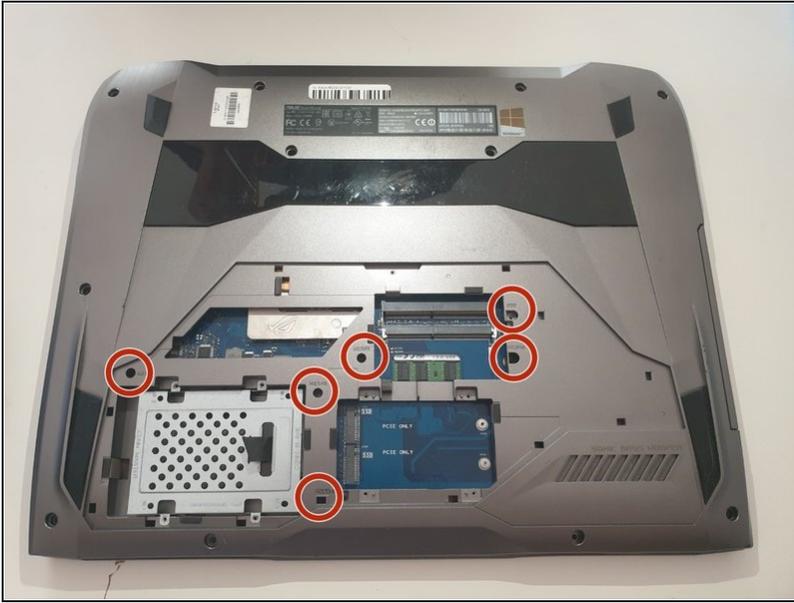
- Using the Phillips #0 screwdriver, unscrew all twelve 5.2 mm screws on the back of the laptop.
 - ⓘ There is one 5.2 mm screw under the rubber plug in the middle.

Step 3



- Pull up the rubber seal and the service cover will come off.

Step 4



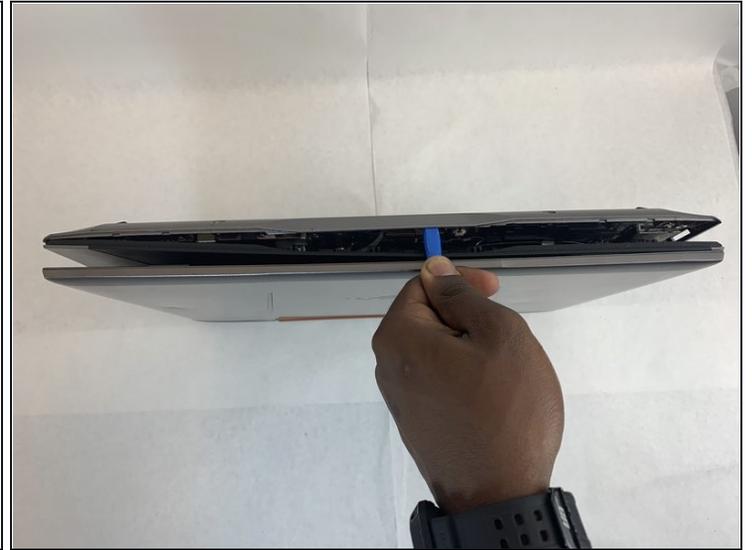
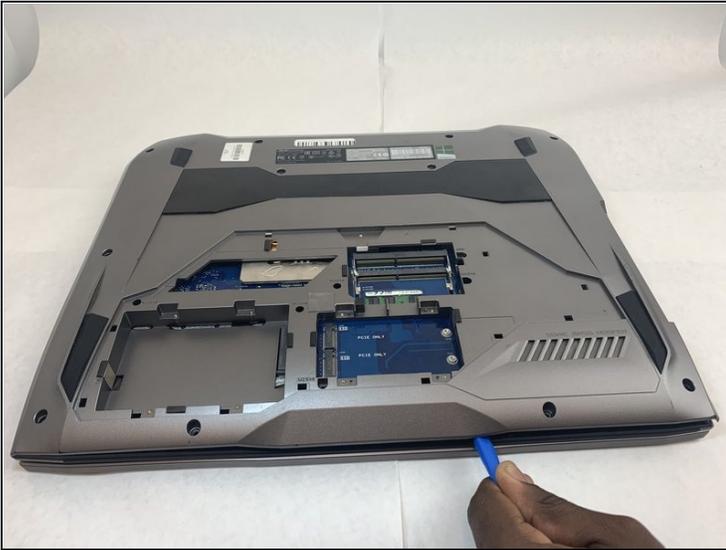
- Using the Phillips #00 screwdriver, remove the six 5.2 mm screws under the service cover.

Step 5



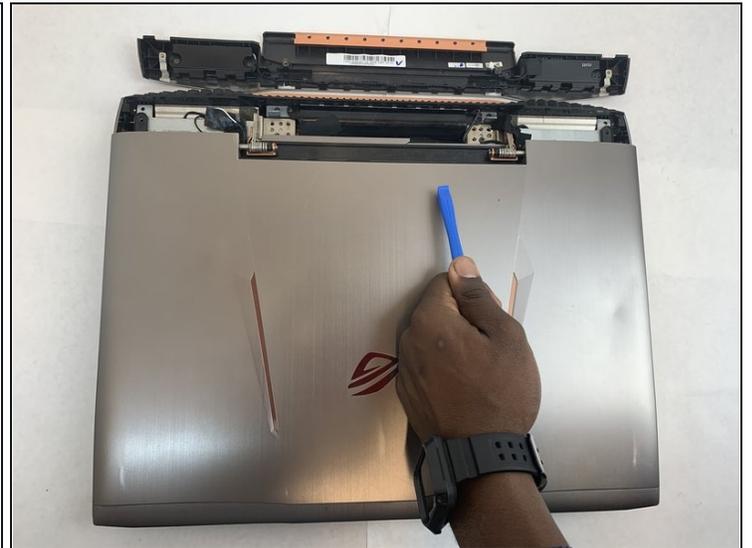
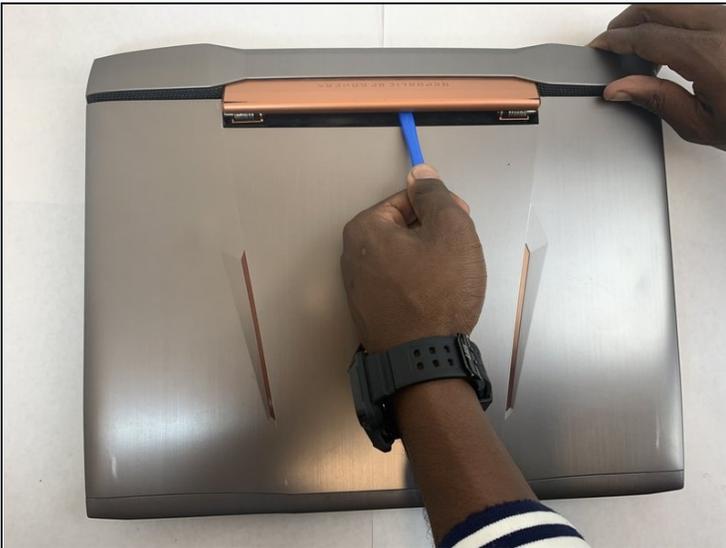
- Using your hands, pull the optical drive out.

Step 6



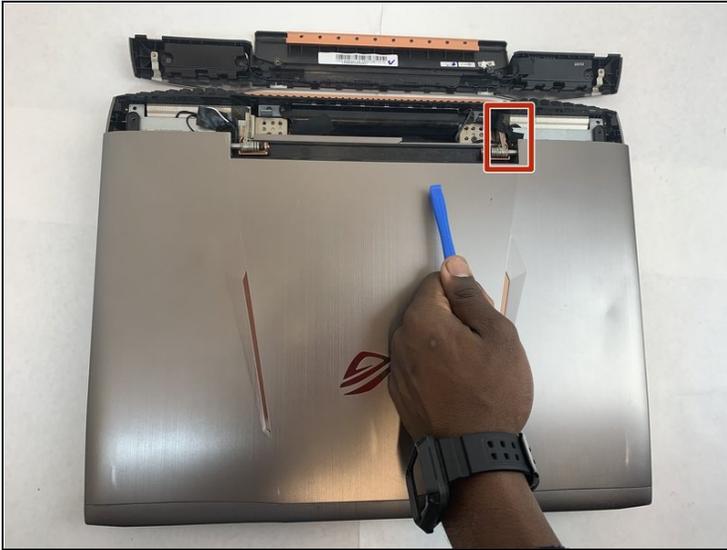
- Use the iFixit Opening Tool to pry apart the back panel from the main body of the laptop.
 - ① Start from the front side of the laptop and then continue to the side for easier access.

Step 7



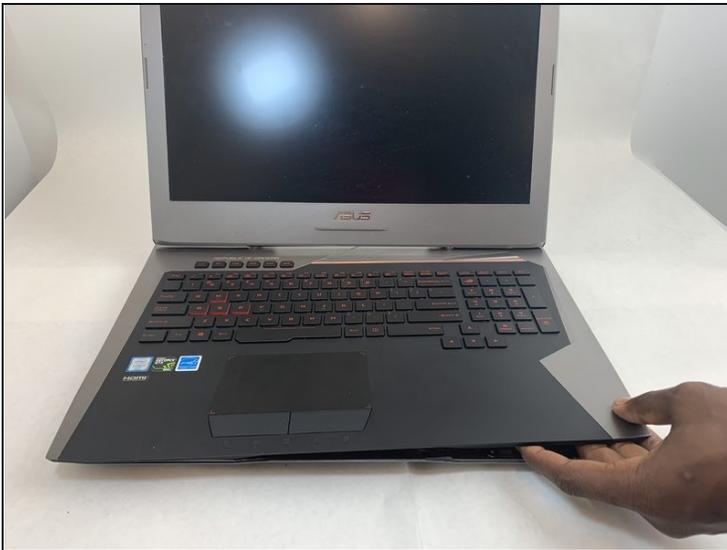
- Remove the hinge on the back of the laptop cover using the iFixit Opening Tool. The piece should pop off.
 - ⚠ Be gentle with the cover because there is a speaker wire attached to it.

Step 8



- Disconnect the speaker wire.

Step 9



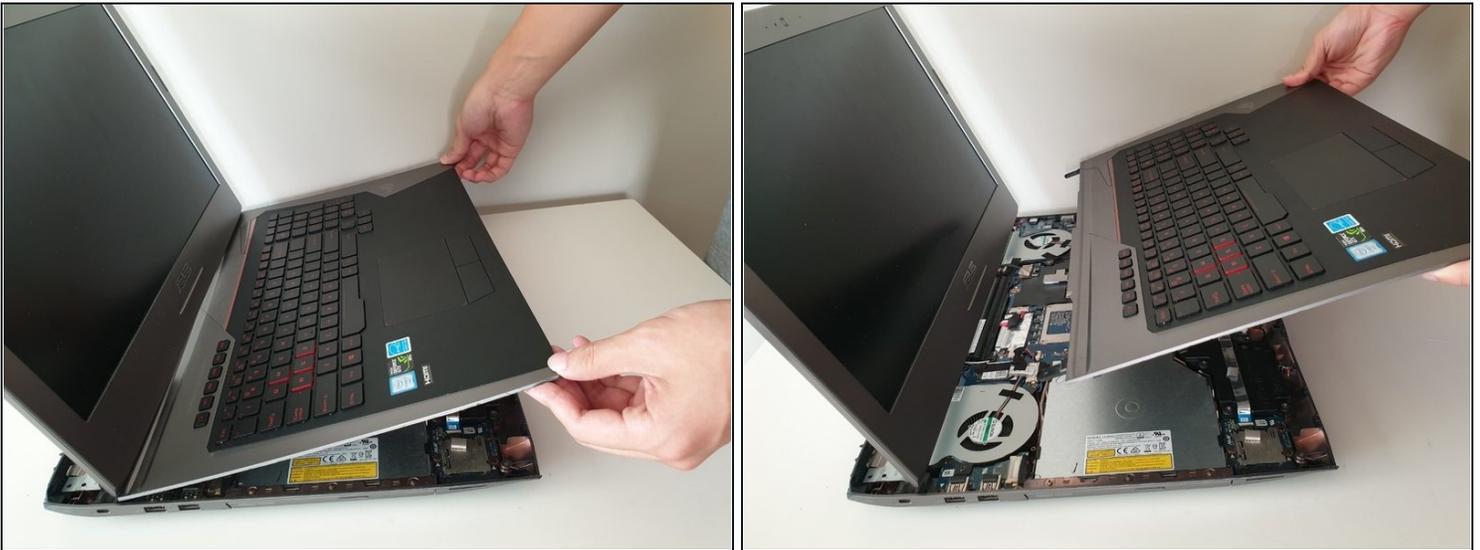
- Slowly pull out the keyboard while lifting it about an inch.
⚠ There are cables attached to the keyboard and motherboard. DO NOT lift it more than 2 inches above the laptop.

Step 10



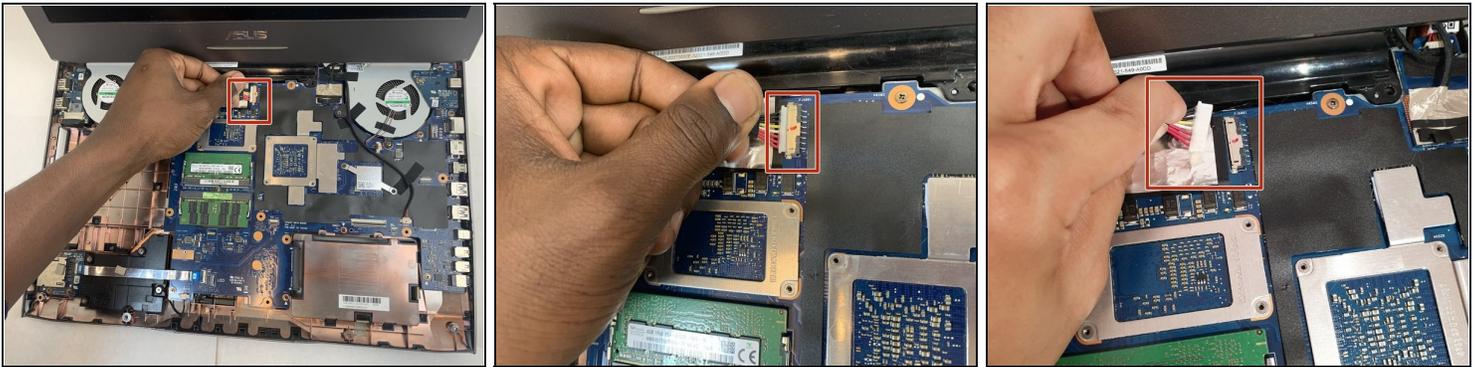
- Using an ESD safe tool, detach all 3 ribbon cables securing the keyboard to the laptop.
 - ⓘ To unlock a [ZIF connector](#), use the tip of a spudger or your fingernail to flip up the small, hinged locking flap.

Step 11



- Once the cables are detached, lift the keyboard about 2 inches up and remove it from the rest of the body.
 - ⚠ Make sure that the screen is open like the photo. This will ensure that none your laptop components will not be bent.

Step 12



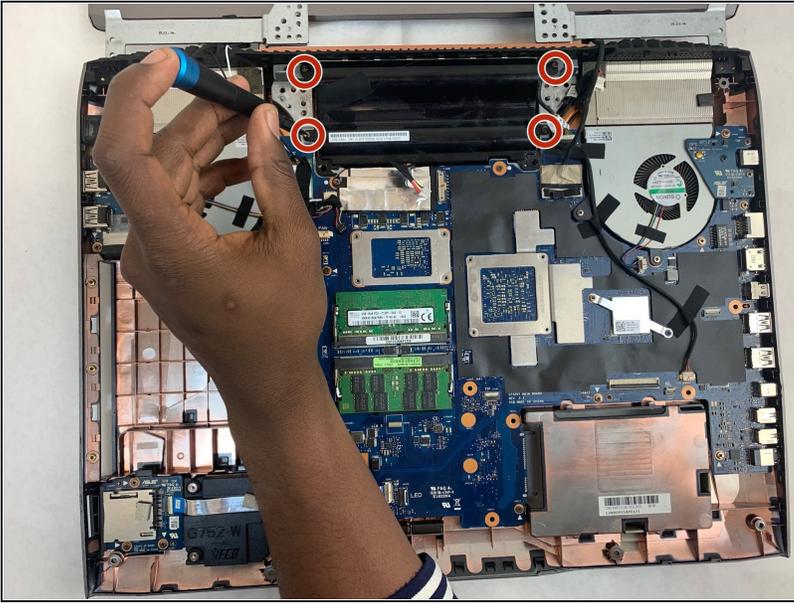
- Disconnect the battery cable from its motherboard socket by gently pulling it towards the left of the socket.
⚠ Pull parallel to the motherboard, not straight up.

Step 13



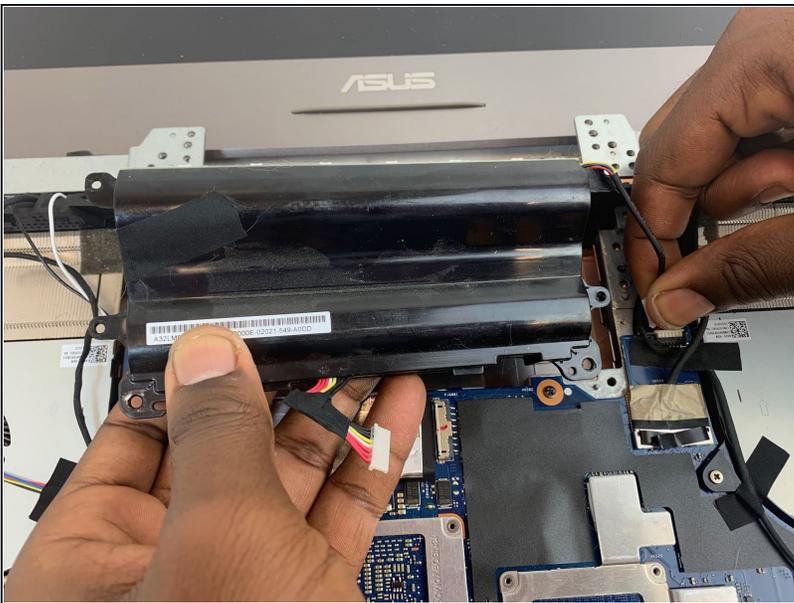
- Remove two 5.8 mm screws holding the screen and the laptop located at the hinge.
ⓘ This will unlatch the screen from the laptop entirely.
- Remove the screen.

Step 14



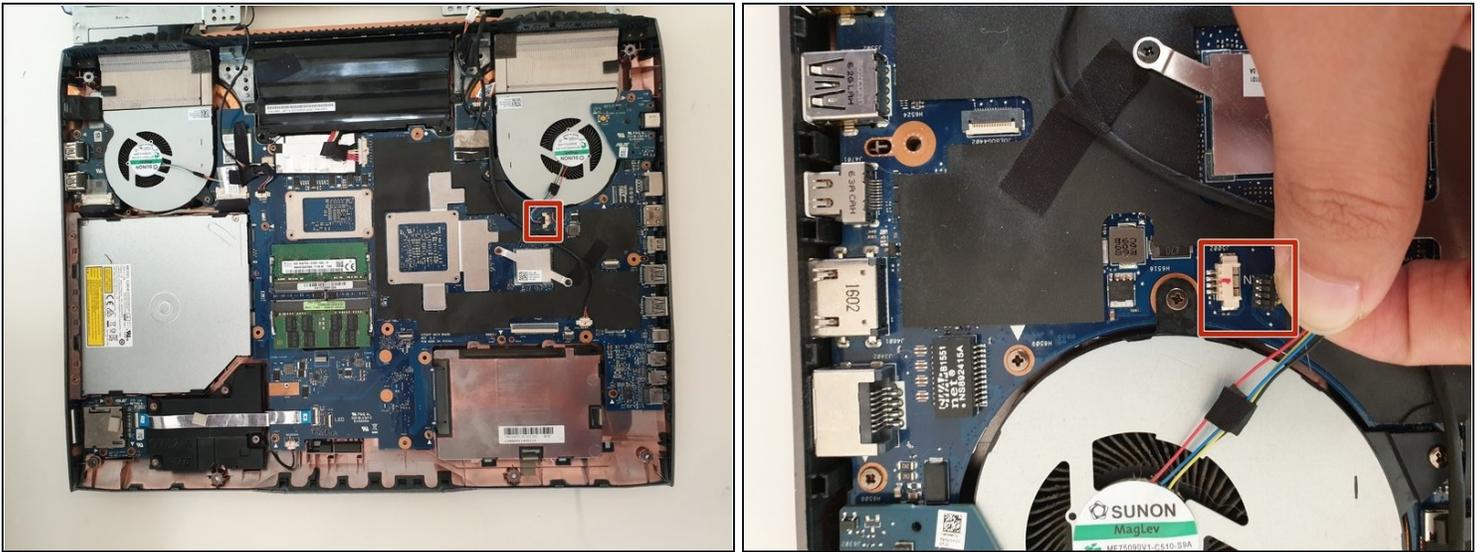
- Remove the four 5.8 mm screws securing the battery to the laptop.

Step 15



- Use your hands to remove the battery.
- ⓘ If you're having trouble, push down on the black plastic on the screen side of the battery. This should release the battery.

Step 16 — Fan



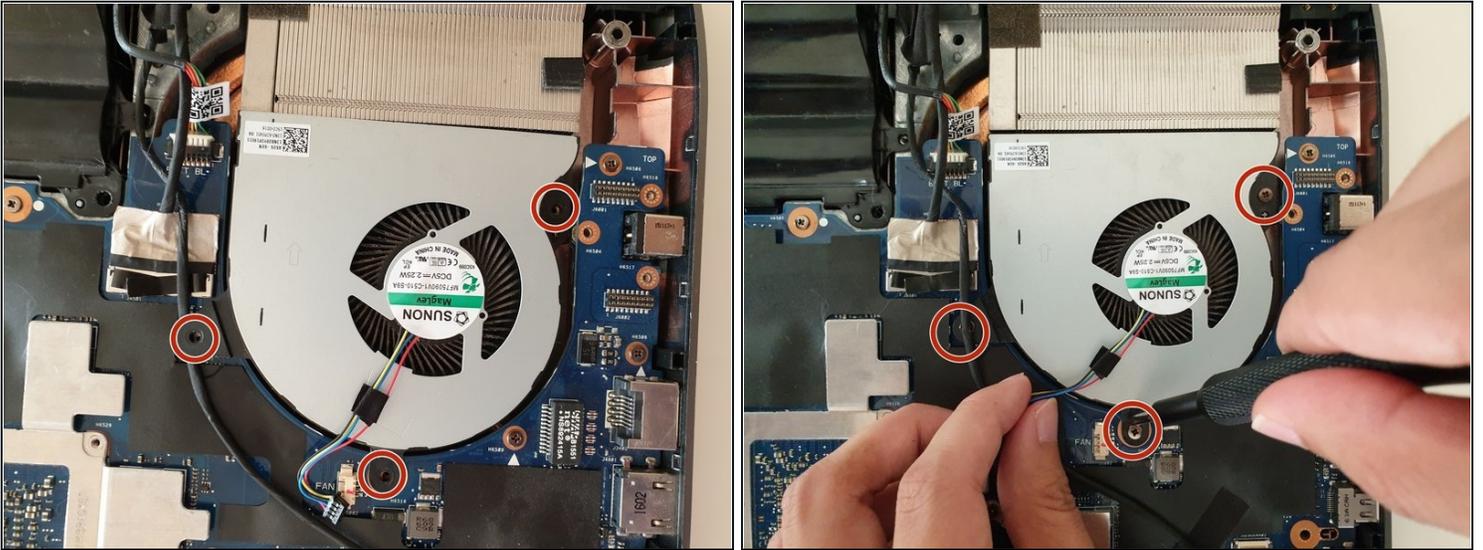
- Unplug the fan-motherboard connection cable.

Step 17



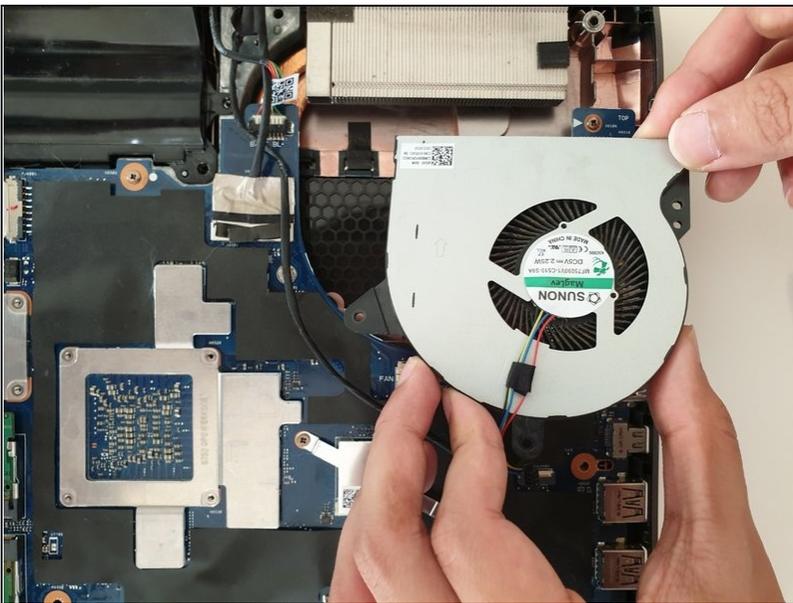
- Unscrew and remove the three 5.8mm screws on the small circuit board to the right of the right side fan with a Phillips #00 screwdriver.
- Lift up the small circuit board covering the fan and put it aside.

Step 18



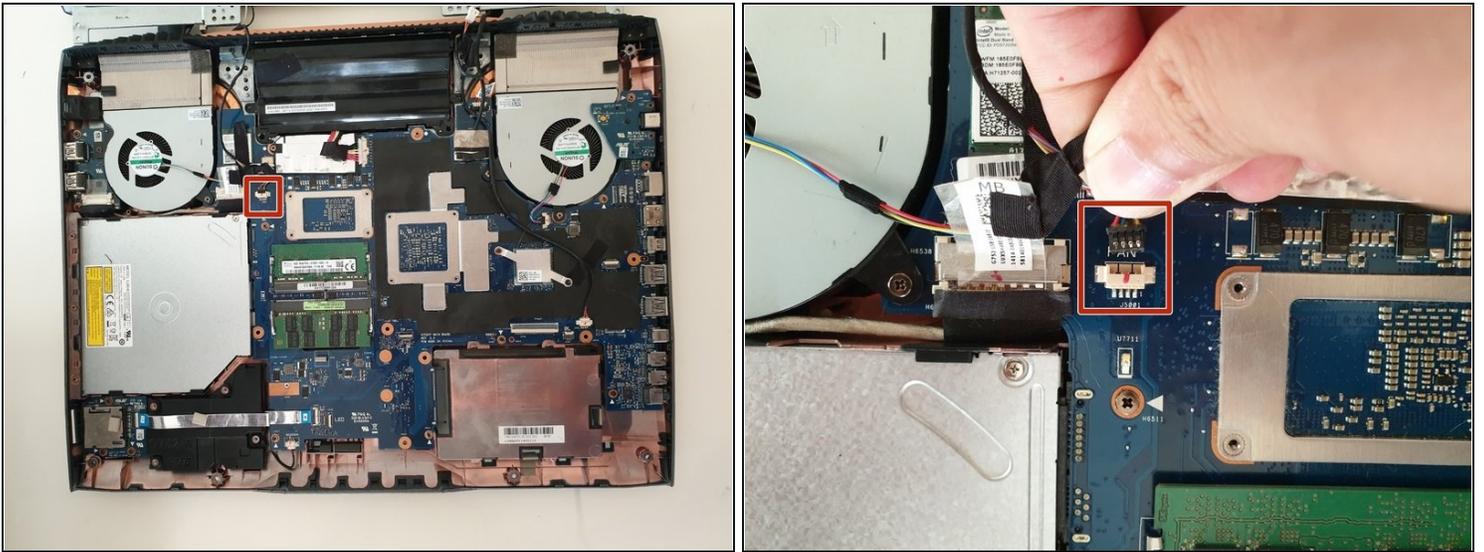
- Using a Phillips #00 screwdriver, remove the three 5.2 mm screws that connect the fan to the motherboard.

Step 19



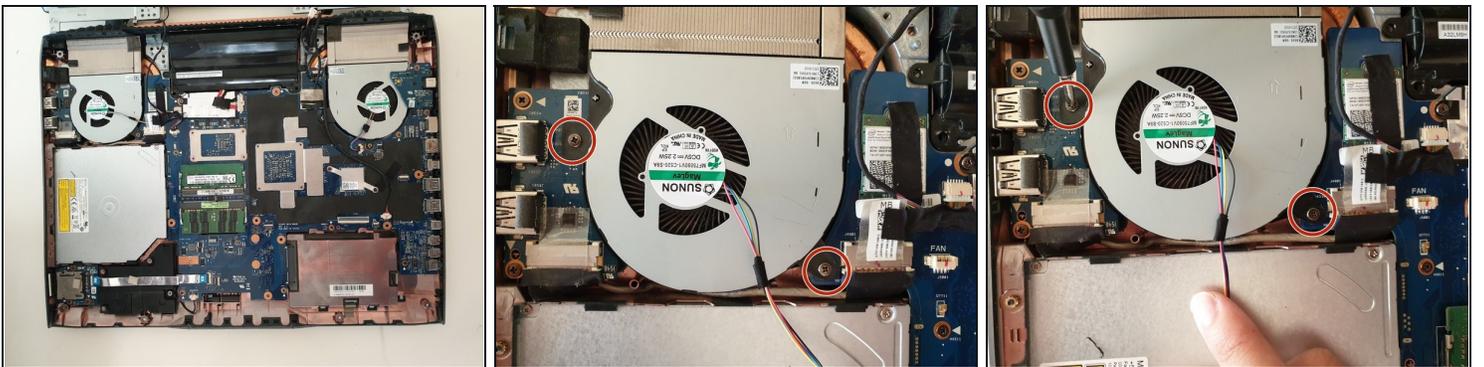
- With your hands, slowly and carefully lift up the right side fan.

Step 20



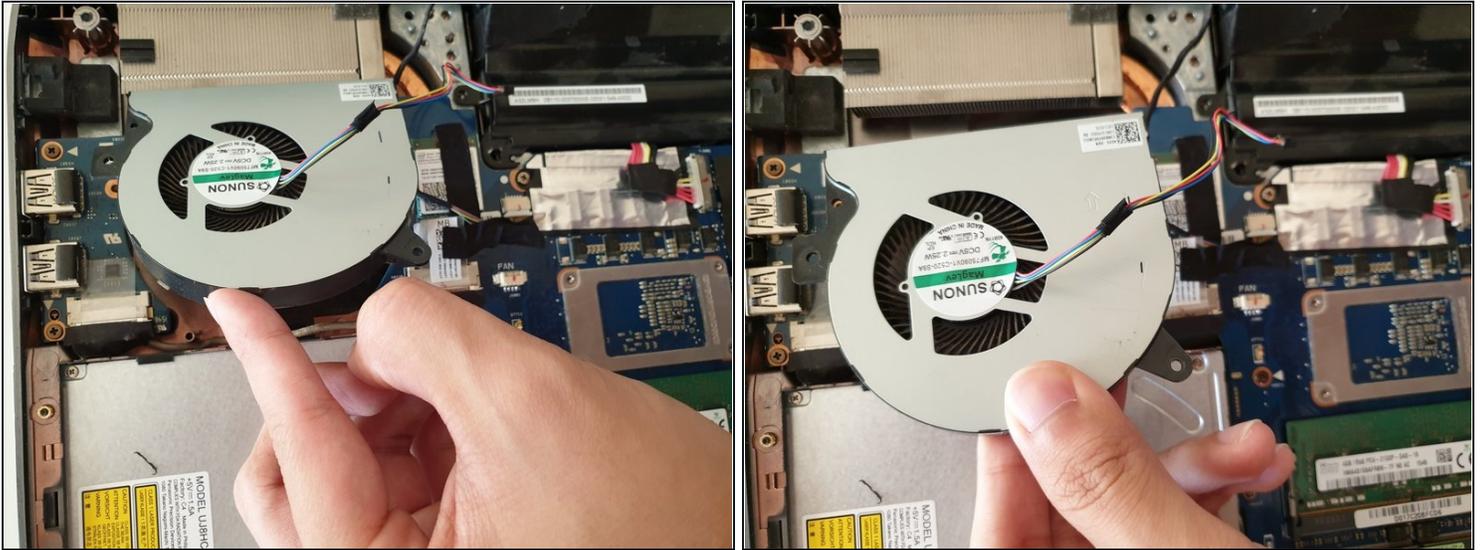
- Carefully unlatch the left side fan cable from the motherboard.

Step 21



- Using a Phillips #00 screwdriver, remove the two 5.8mm screws that connect the left fan to the motherboard.

Step 22



- With your hands, carefully lift the left fan and unlatch the fan from the motherboard.

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