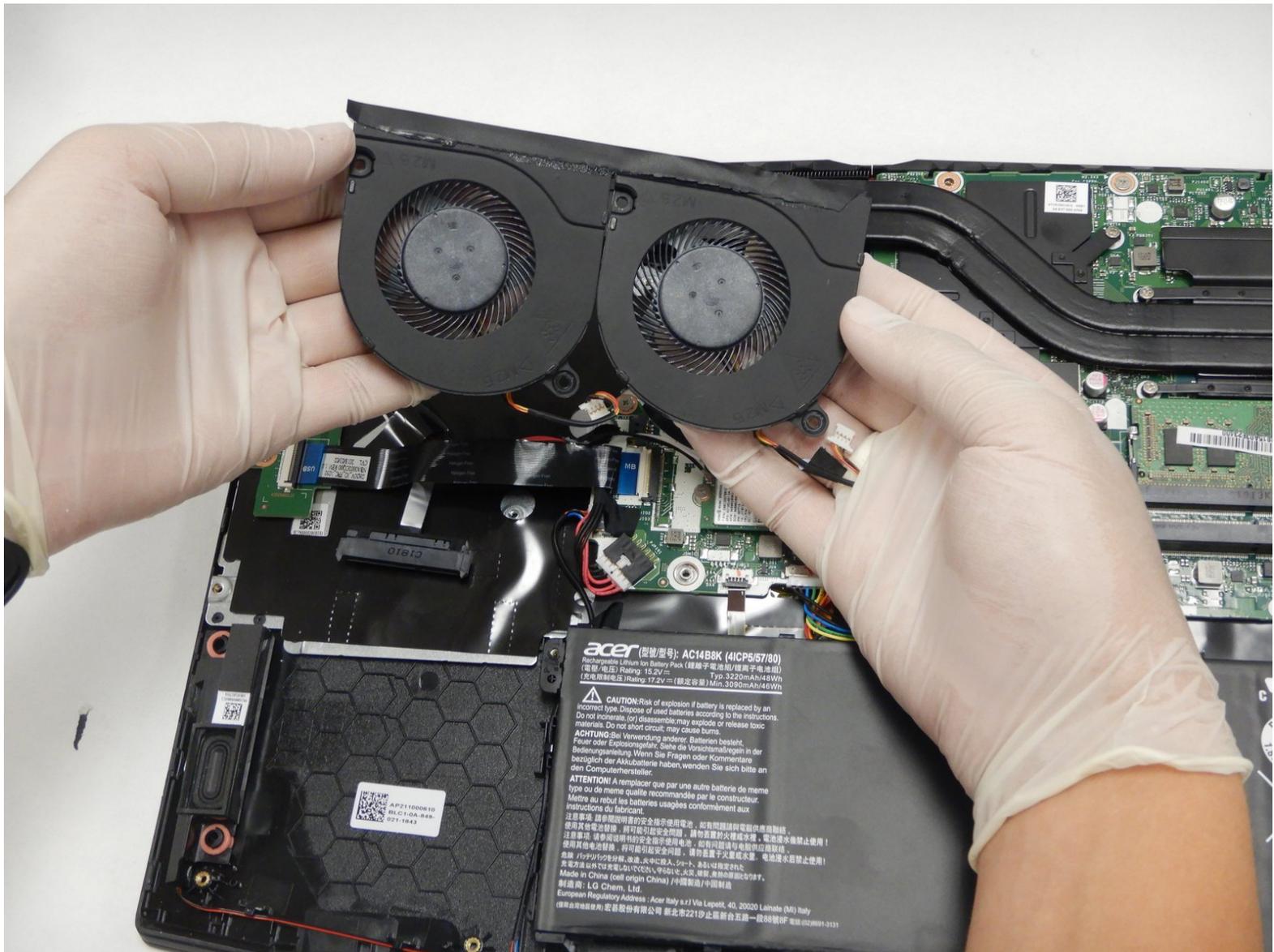




Acer Nitro 5 AN515-53-55G9 Fan Replacement

This guide will walk you through the process of...

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INTRODUCTION

This guide will walk you through the process of replacing a dying or dead fan in an Acer Nitro 5 AN515-53-55G9. If your computer produces excessive heat or noise during compute intensive tasks like gaming, it's likely indicative of a problem with the computer's fan. It may also help to clean your existing fan by removing it as shown in this guide and blowing out any dust buildup. If replacing the fan does not solve your issues, you may be able to further address any heat management issues by [reapplying the thermal paste in your heatsink](#).

TOOLS:

- [Metal Spudger](#) (1)
- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)

PARTS:

- [Acer Nitro 5 AN515 Fan](#) (1)

Step 1 — Fan



⚠ Make sure the laptop is off and unplugged before beginning the fan replacement.

- Flip the laptop upside down so that the bottom is facing up.

Step 2



- Using a Phillips #0 screwdriver, remove the 9 mm screw located in the bottom left corner of the RAM tray cover.
- Using a plastic opening tool, remove the RAM tray cover.

Step 3



- Remove the screw from the hard drive cover on the left side of the laptop with a Phillips #0 screwdriver.
- Lift up the tray covering using a spudger.

Step 4



- Use the Phillips #0 screwdriver to remove the fourteen 9 mm screws holding the back cover in place.
- Remove the hard drive (if applicable) from the slot prior to removing the back cover.
- ⓘ This device didn't have a hard drive so your device may look different.

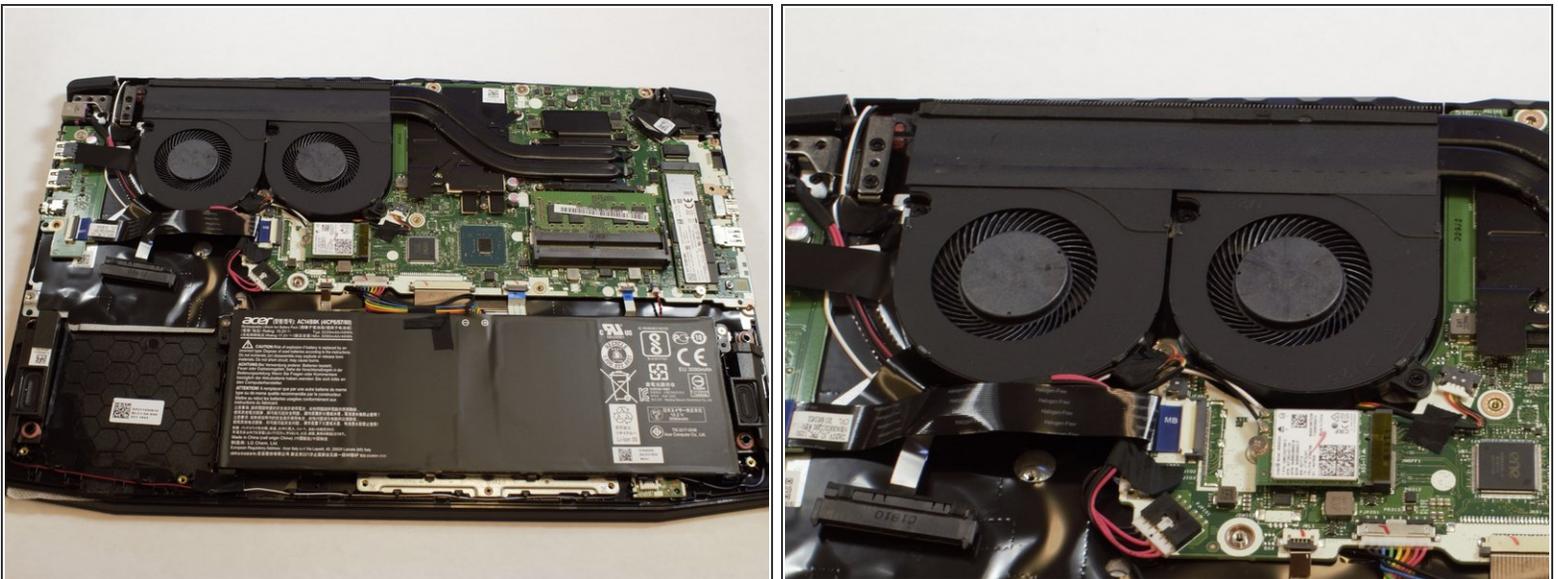
Step 5



- Carefully remove the back shell from the device by prying at the creases with a spudger around all the edges.

⚠ Do not forcefully try to separate the shell as you may cause harm to the shell.

Step 6



- Lift the back cover off once all the clips have been disengaged.

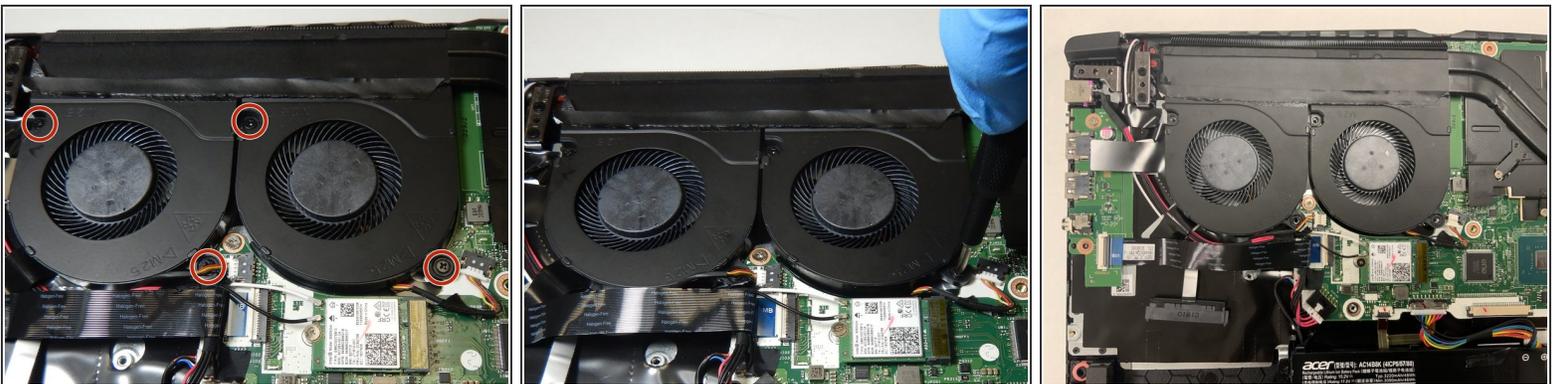
i The fan for the device is located at the top left of the laptop at this orientation.

Step 7



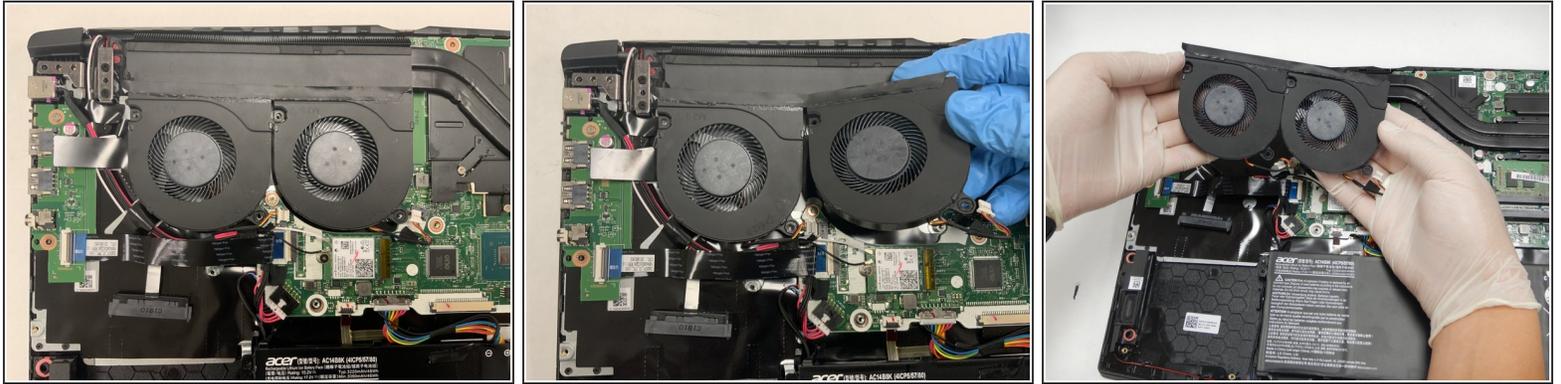
- Using your fingers, slide out the two fan cables from their connectors on the motherboard.

Step 8



- Use the Phillips #0 screwdriver to remove the four 9 mm screws holding the fan assembly in place.

Step 9



- Gently remove the fans.

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