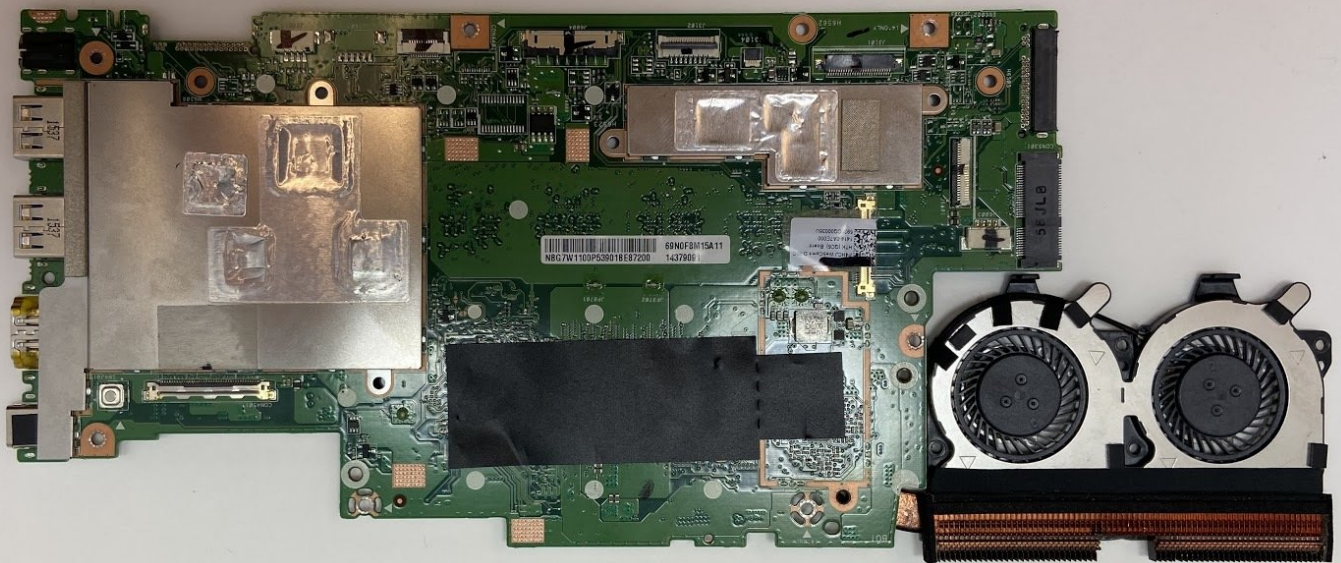




Acer Aspire R5-471T-52EE Fan Replacement

This guide will show you how to replace the fans in your Acer Aspire R5-471T-52EE.

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INTRODUCTION

The fans of a device keep the device from overheating and provide essential cooling to the other components in the device. If you find that your device is overheating, the fans may need to be replaced. Follow the instructions in this guide to replace the fans in your laptop.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Back Cover



 Unplug the laptop and turn it off.

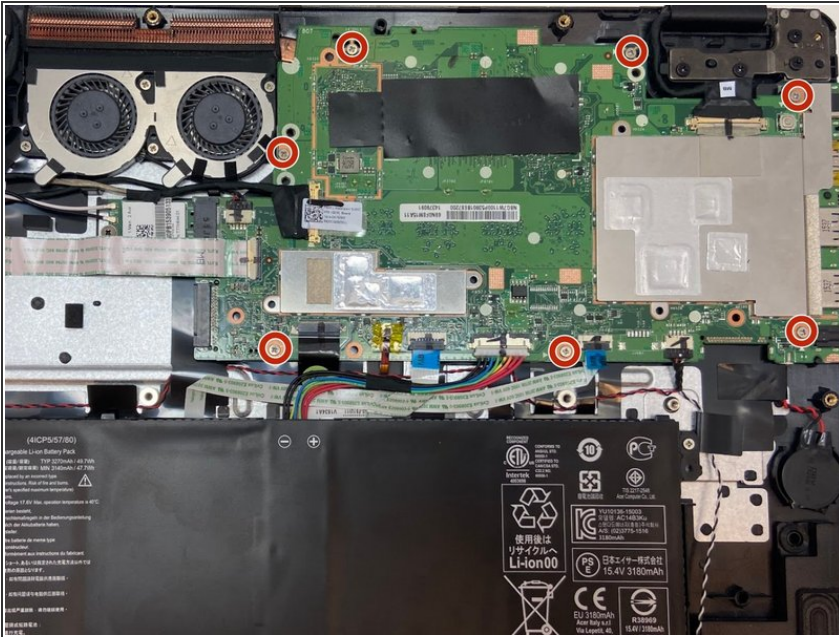
- Remove the twelve 3mm screws using the Phillips #1 screwdriver.

Step 2



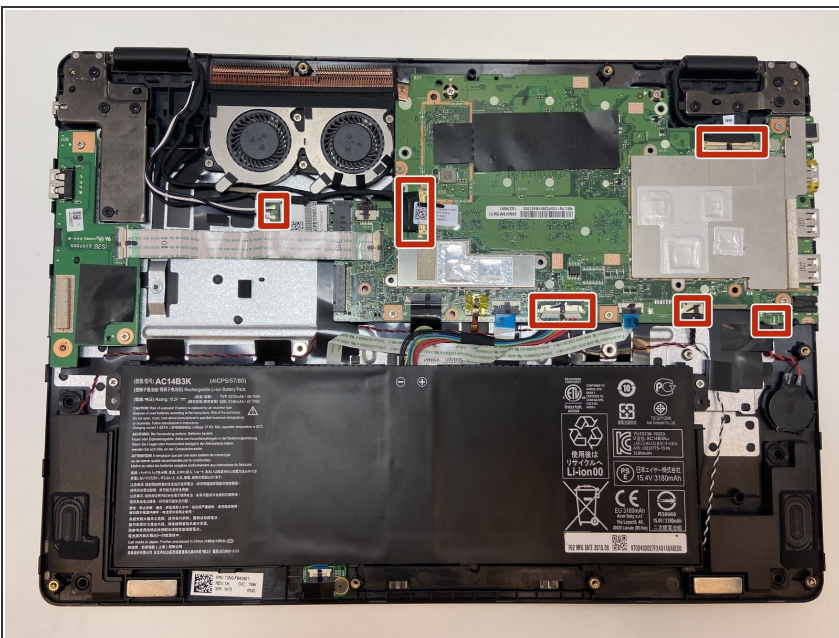
- With the hinges of the laptop pointing away from you, gently begin to pull on the portion between the two hinges towards yourself until you feel the cover pop off.
- Remove the back cover from the device.

Step 3 — Motherboard



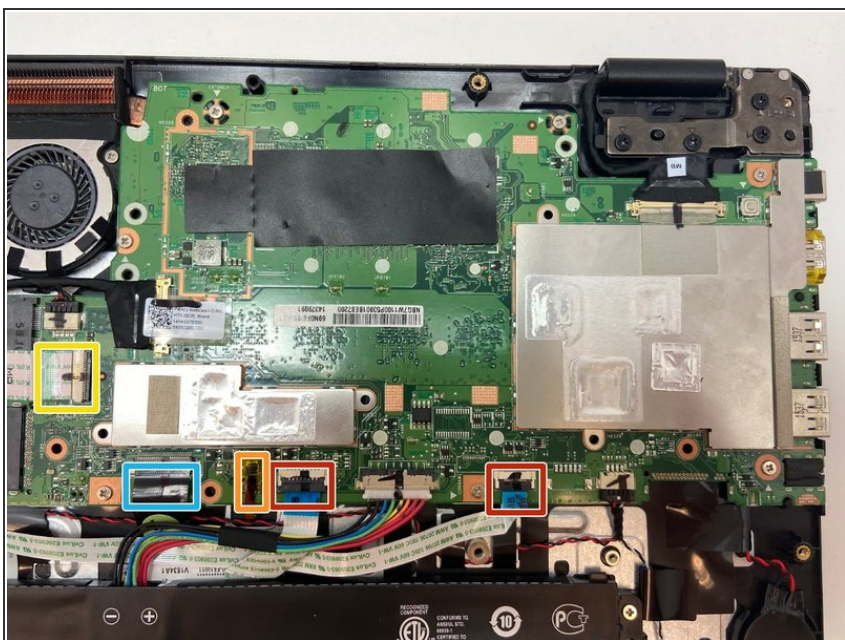
- Remove seven 3 mm screws using the Phillips #00 screwdriver.

Step 4



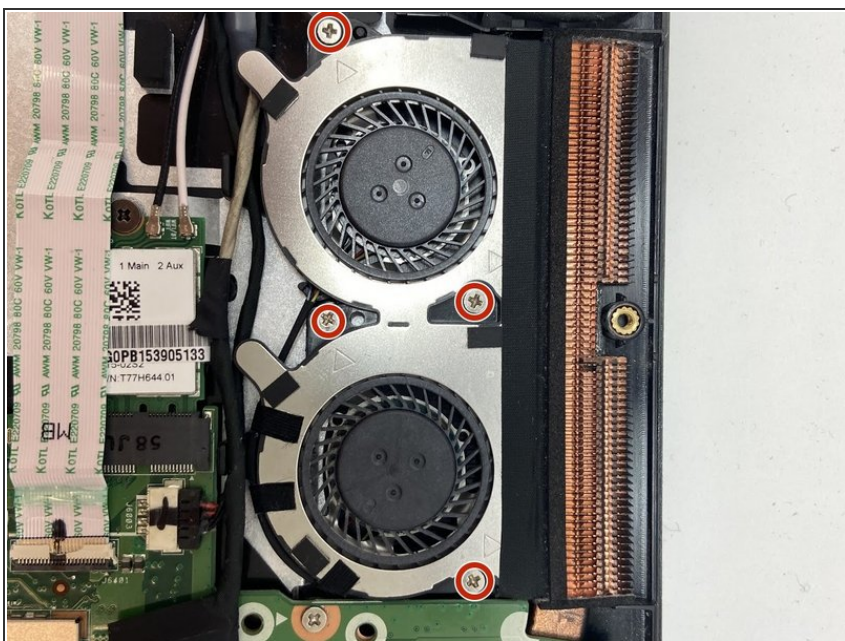
- Once the screws are removed, disconnect seven plugs from the motherboard.
- ⓘ Keep in mind that a majority of these wires are extremely thin and fragile. Disconnect them with light force and care.

Step 5



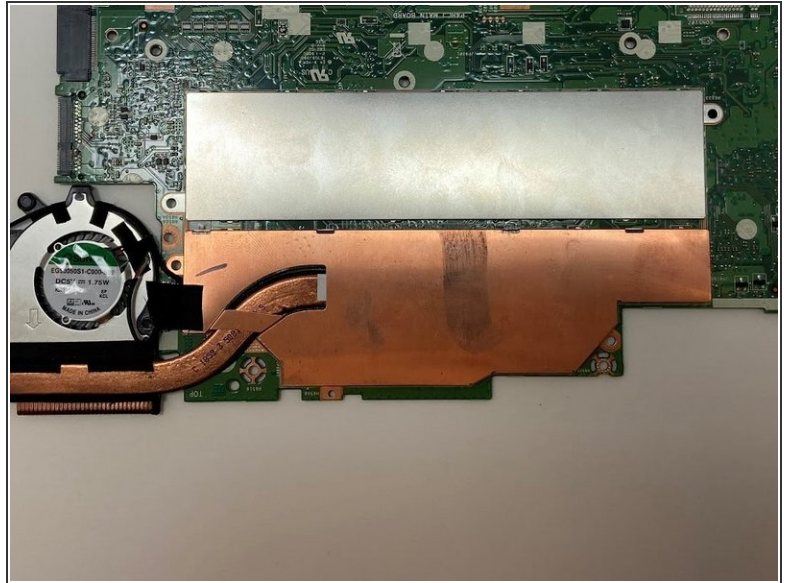
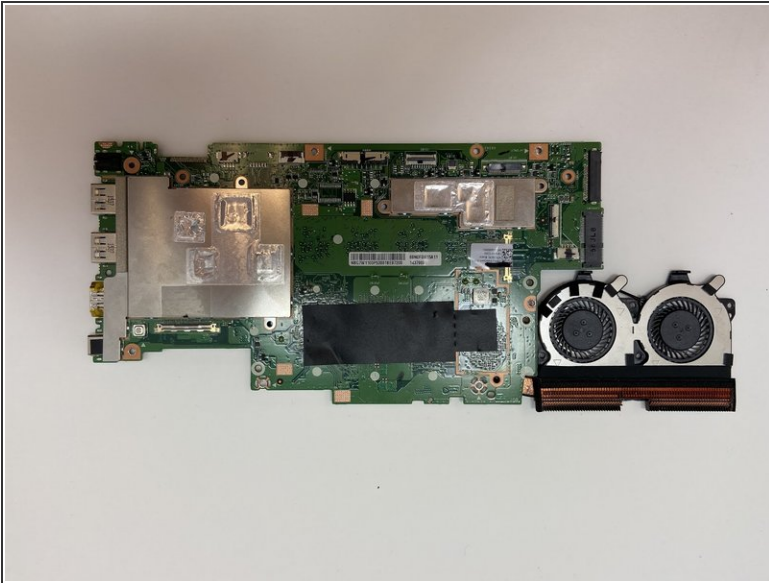
- Flip up the small black portion the connectors are connected to and disconnect them from the motherboard.
- Grab the yellow piece of tape to easily remove the connection from the motherboard with nothing more than some gentle force.
- Remove the large black ribbon wire by gently pulling on the white tab towards yourself.
- Remove the large white ribbon wire by pulling up on the small black tab.

Step 6



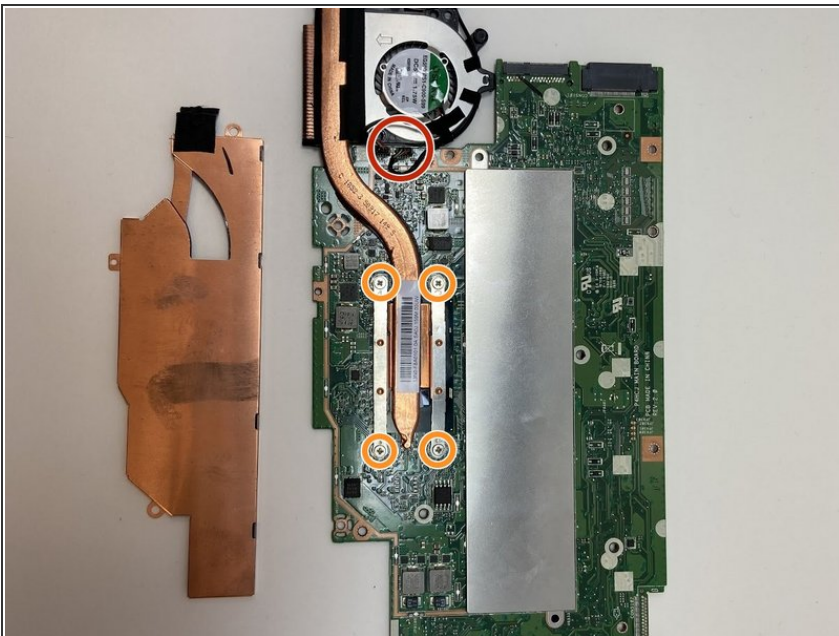
- Remove the four remaining screws located on the fan using the Phillips #00 screwdriver.

Step 7 — Fan



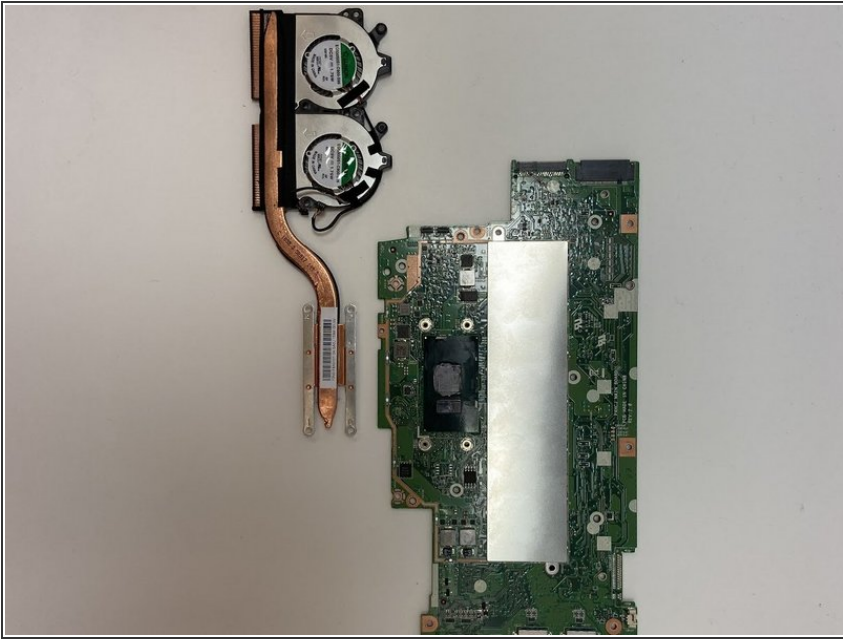
- Flip the motherboard over so that the silver and copper covers are exposed.
- Use the opening tool to gently lift the copper cover off the board by sliding the tool underneath the edge.

Step 8



- Unplug the two power cables for the fans from the motherboard.
- Remove the four mounting screws from the motherboard using a Phillips #00 screwdriver.

Step 9



- Gently remove the fans from the motherboard.

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