



Acer Aspire R5-571T-59DC Motherboard Replacement

Replace the motherboard in your Acer Aspire R5-571T-59DC if your laptop won't turn on, but the computer lights and fans work.

Written By: Kelly Johnston



INTRODUCTION

This guide will show the reader how to replace the motherboard in their Acer Aspire R5-571T-59DC.

Motherboards are a tricky component to replace because every other component in the computer must be disconnected and reconnected to the new motherboard. Be gentle in handling each component and store them in a safe place during the replacement process.

Be sure to keep track of the screws holding each component in place and use the guide to make sure you re-plug each component in the right place.

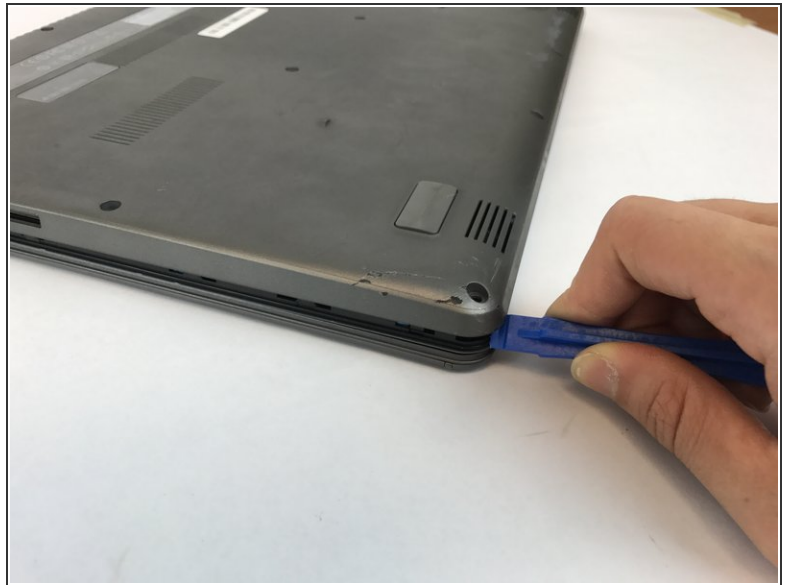
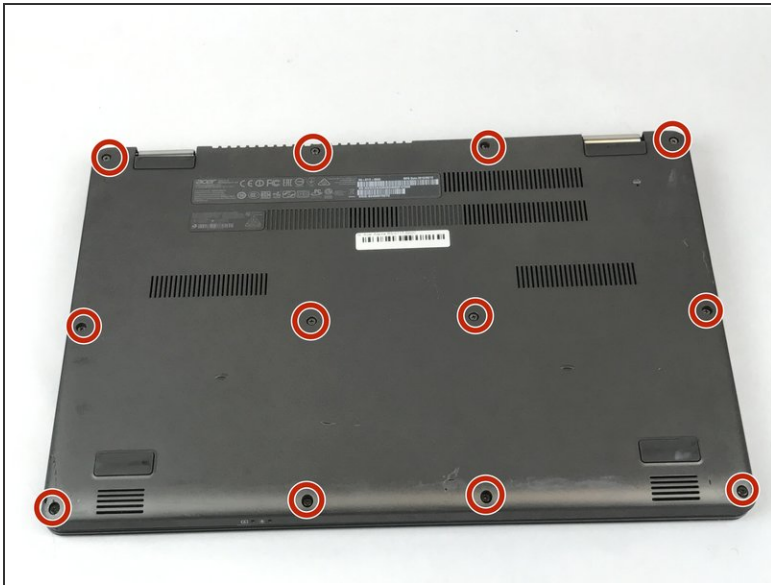
And please make sure the device is powered off and unplugged before doing any work on it to avoid harming the electronics.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Back Cover Panel



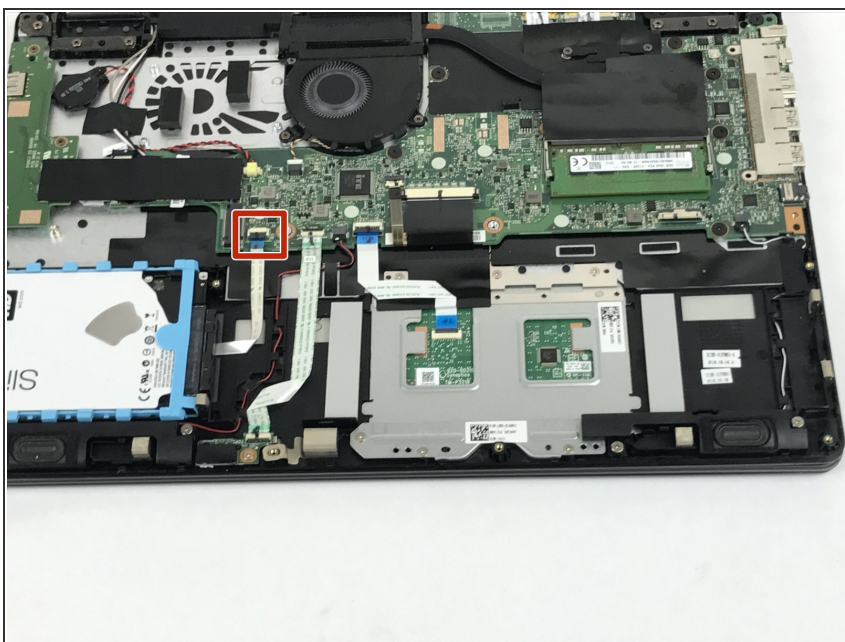
- Disconnect all power from the laptop and turn over so the bottom is facing you.
- Remove the twelve 07.7mm Phillips #0 screws from the back cover.
- Work a plastic opening tool underneath and around the perimeter of the bottom cover.
- Once unclipped, remove the bottom cover.

Step 2 — Battery



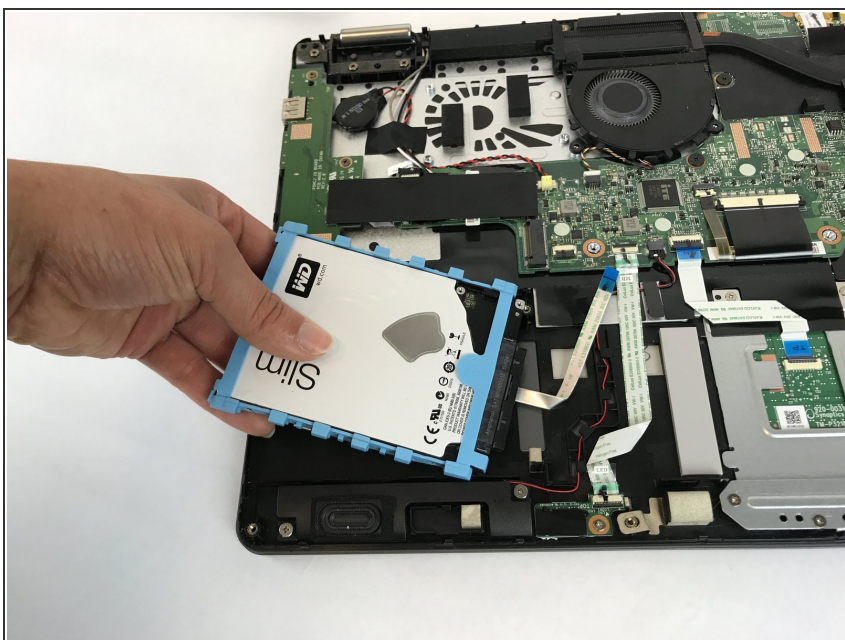
- Remove the two 0.7mm Phillips #00 screws from the battery and unplug the battery from the motherboard.
- Lift the battery out of the case.

Step 3 — Hard Drive



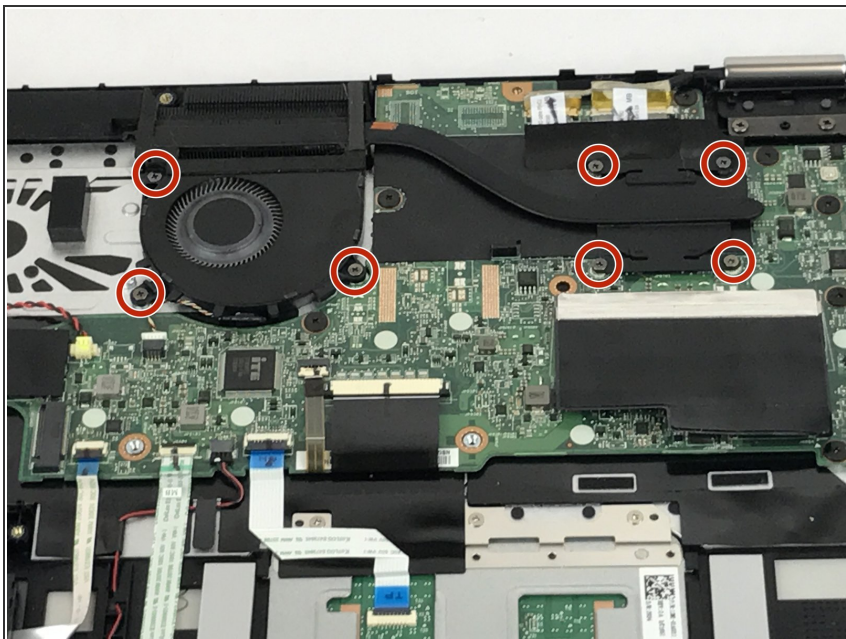
- Use a spudger to flip up the retaining flap on the hard drive ribbon cable [ZIF](#) socket.
- Pull the ribbon cable out of the socket.

Step 4



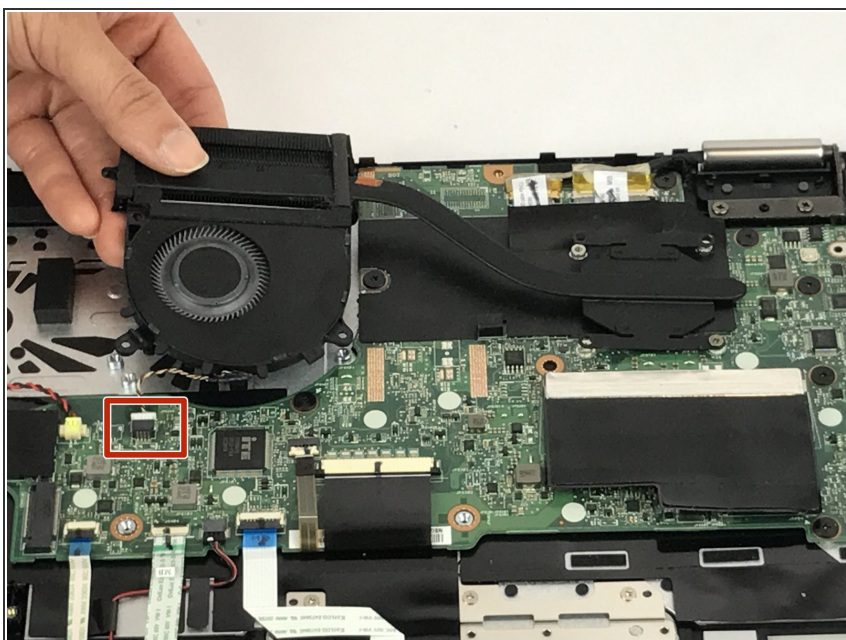
- Lift the hard drive up and out of the laptop.

Step 5 — Fan



- Remove the seven 0.7mm Phillips #00 screws securing the fan in place.

Step 6



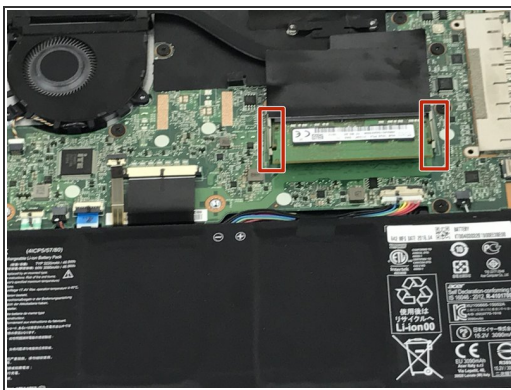
- Unplug fan from motherboard.
- Lift and remove fan from case.

Step 7 — RAM



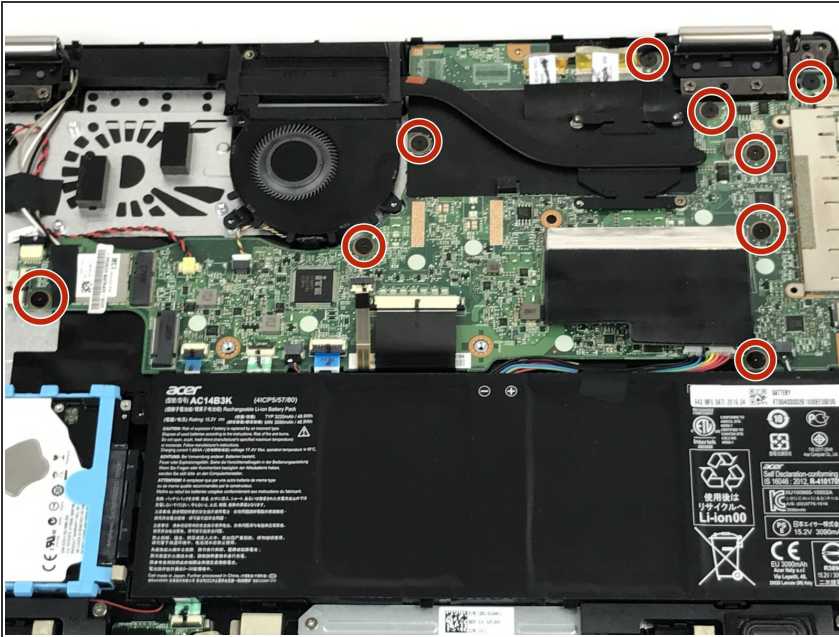
- Lift up the protective covering away from the RAM using tweezers, or your fingers.

Step 8



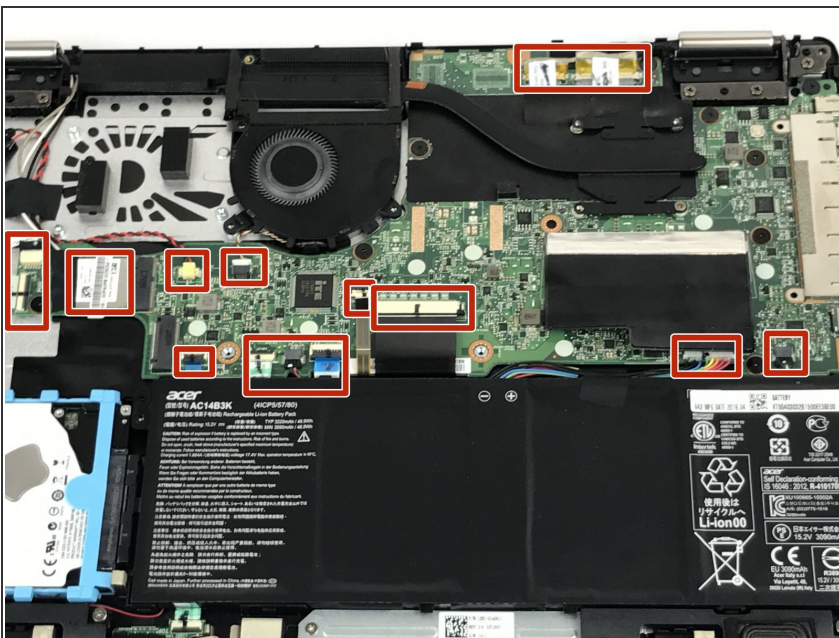
- Two clips secure the RAM module in place, one on each side. Using your fingers, spread the clips away from the RAM module.
- ⓘ When released, the RAM module will pop up at a slight angle.
- Lift the RAM module to an angle of about 30 degrees and slide it out.

Step 9 — Motherboard



- Remove the nine 0.7mm Phillips #00 screws from the motherboard.

Step 10



- Use a spudger to flip up the retaining flaps on all of the ribbon cable [ZIF](#) sockets.
- Pull the ribbon cables out of the sockets.
- Lift up and remove the motherboard.

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