



Toshiba Satellite L55t-B5271 Motherboard Replacement

This guide will help you replace the motherboard of your device.

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INTRODUCTION

This guide will help you replace a broken motherboard in your laptop. It is a detailed process but this guide will allow you to easily remove and replace your motherboard.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Anti-Static Wrist Strap](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)

PARTS:

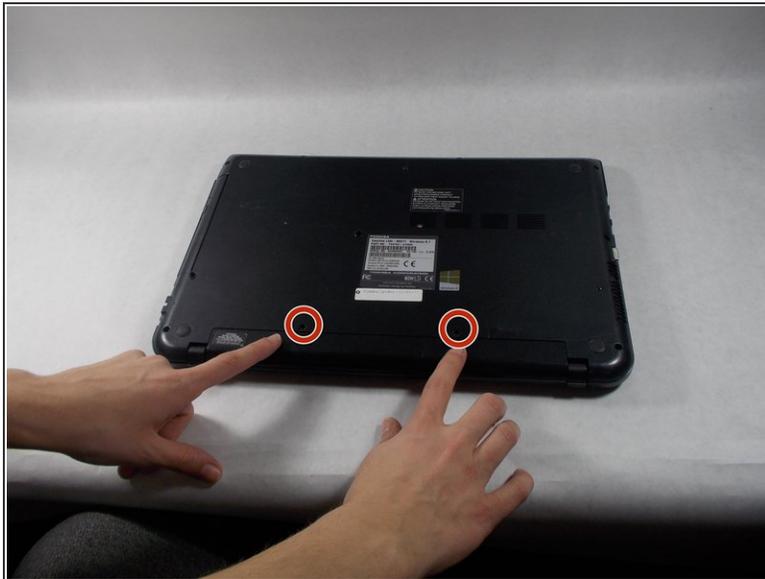
- [Toshiba Satellite L55t-B5271 Motherboard](#) (1)

Step 1 — Battery



- ⓘ Make sure you turn the laptop off first.
- Close the laptop lid and flip it over so that Toshiba logo is facing down.

Step 2



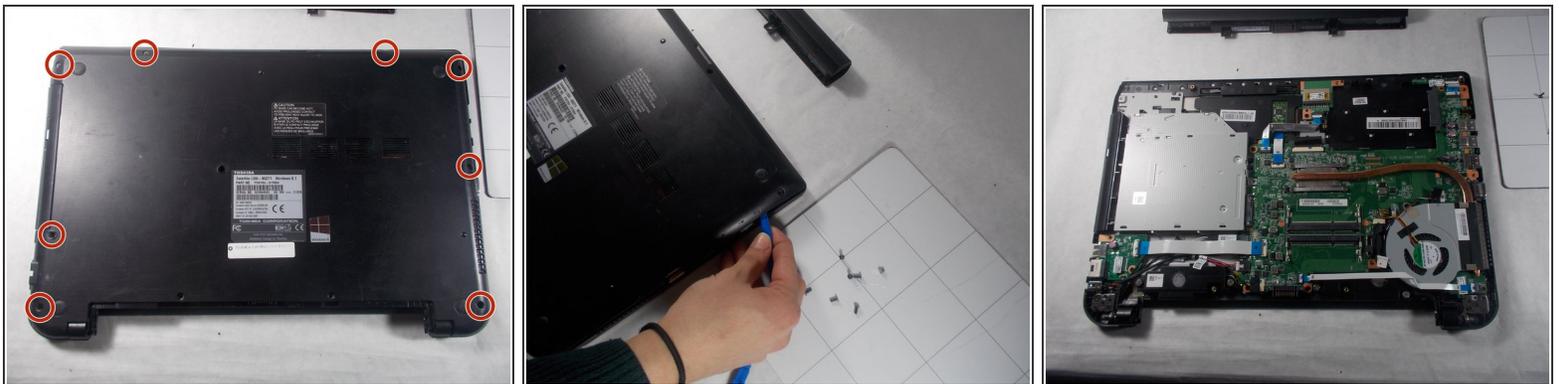
- Remove the two 6.5 mm Phillips head screws indicated using a Phillips #00 screw driver.

Step 3



- Once the screws are removed, slide the battery pack out of the computer.

Step 4 — Back Panel



- Remove all 6.5 mm Philips head screws on the back cover of the laptop with a Philips #00 screwdriver.
 - Use the plastic opening tool to remove the back cover from the laptop.
- ⚠** Be aware that static discharge can cause damage to sensitive electrical components within the computer. To avoid this you can wear an anti-static wrist strap.

Step 5 — RAM



i This laptop does not have a RAM present. Follow instructions to replace your own.

- Evenly press down on the clips on either side of the RAM stick.
- To pull out the RAM stick, be sure to align the notches on the RAM stick with the notches in the RAM holder.

Step 6 — Wireless Card



- Remove the ribbon by flipping up the tabs and using the black tweezers to gently pull the ribbon out from both ends.

Step 7



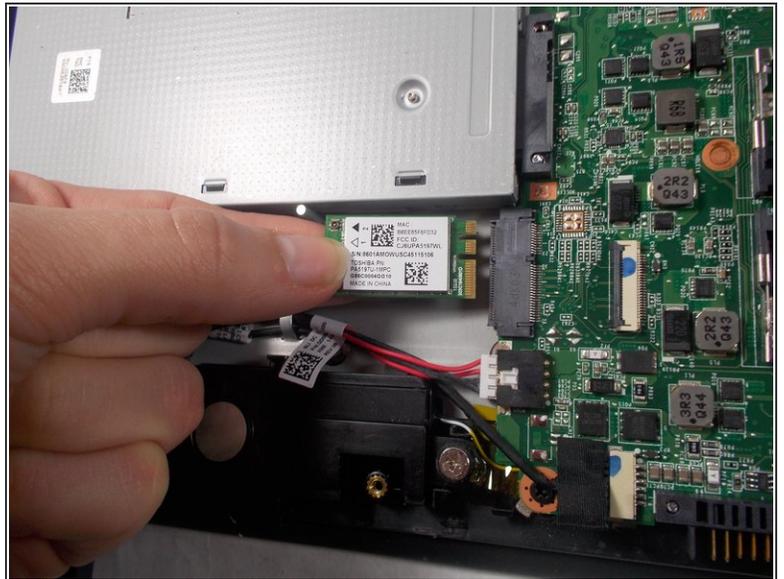
- Remove the tape from the card.
- Disconnect the wires using the #4 black spudger tool.

Step 8



- Remove the 3mm Phillips head screw with a Phillips #00 screwdriver.

Step 9



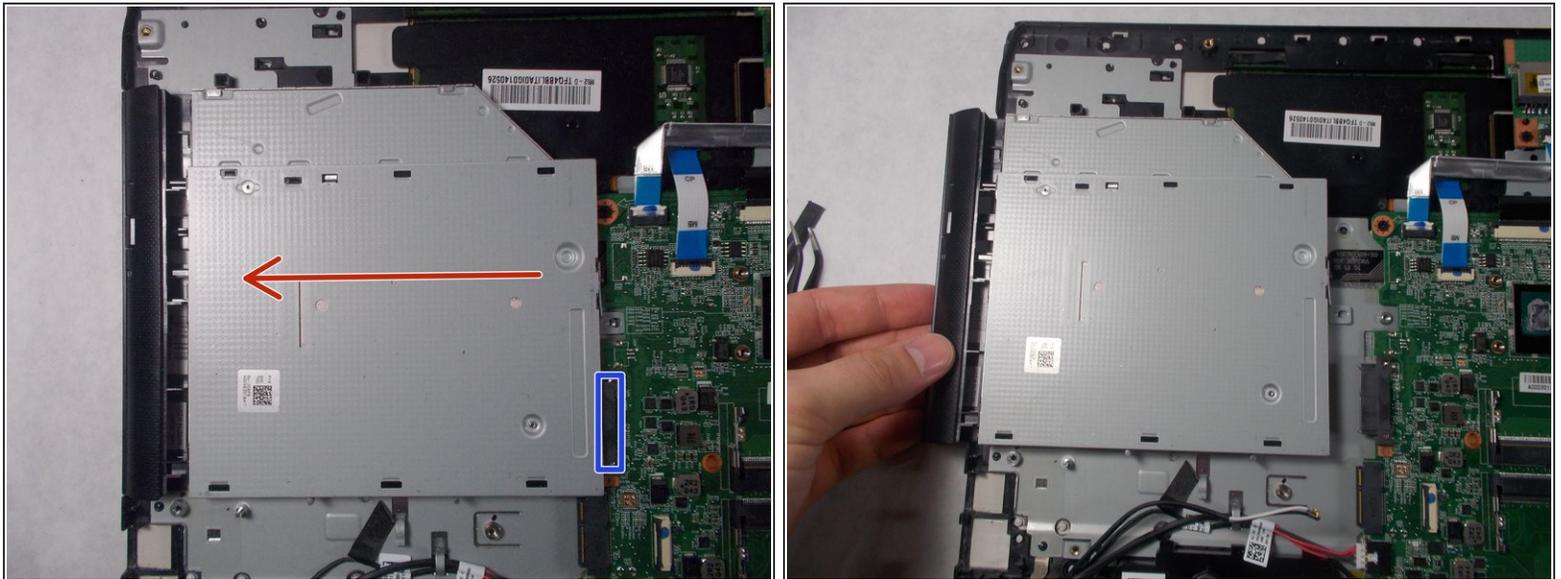
- Pull up on the wireless card and remove it from the device.

Step 10 — CD Drive



- Remove the 3 mm Philips head screw that connects the CD drive to motherboard with a Phillips #00 screwdriver.

Step 11



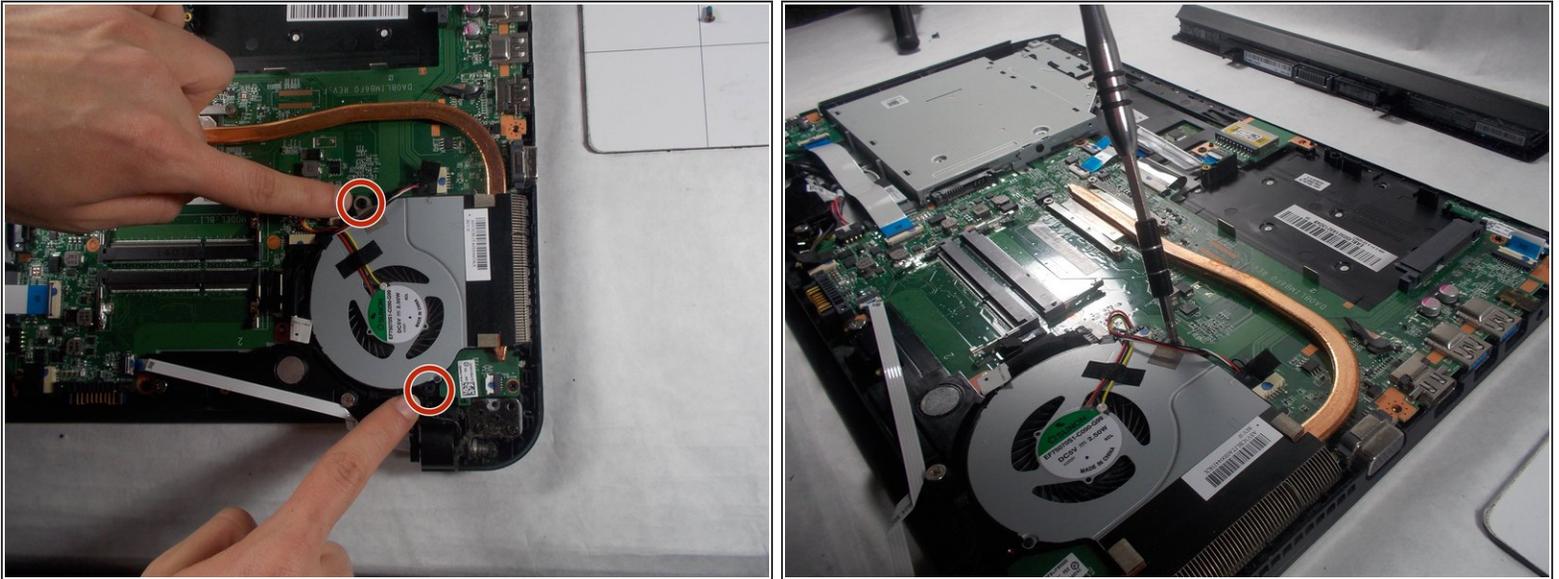
- Gently pull the CD drive out, disconnecting it from the motherboard connector marked in blue.

Step 12 — Cooling Fan with Heat Sink



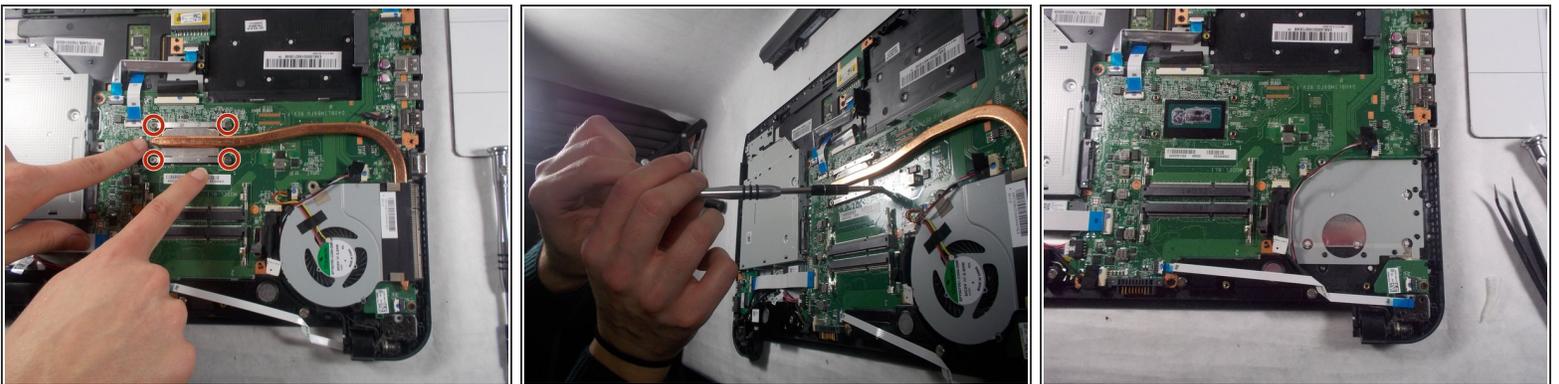
- ⓘ The ribbon and wire must be moved out of the way of the fan.
- Using a black tweezer tool, lift the tab holding the ribbon in place and then gently pull it out.
- Using the same tweezer tool, again lift the tab holding the wires in place and gently pull them out.

Step 13



- Unscrew the two 3mm Phillips head screws on each fan using the Phillips #00 screwdriver.

Step 14



- Unscrew the four, 3mm Phillips head screws holding the last piece to the laptop using a Phillips #00 screwdriver.
- Gently pull the cooling fan with heat sink off the laptop and set aside.

Step 15 — Motherboard



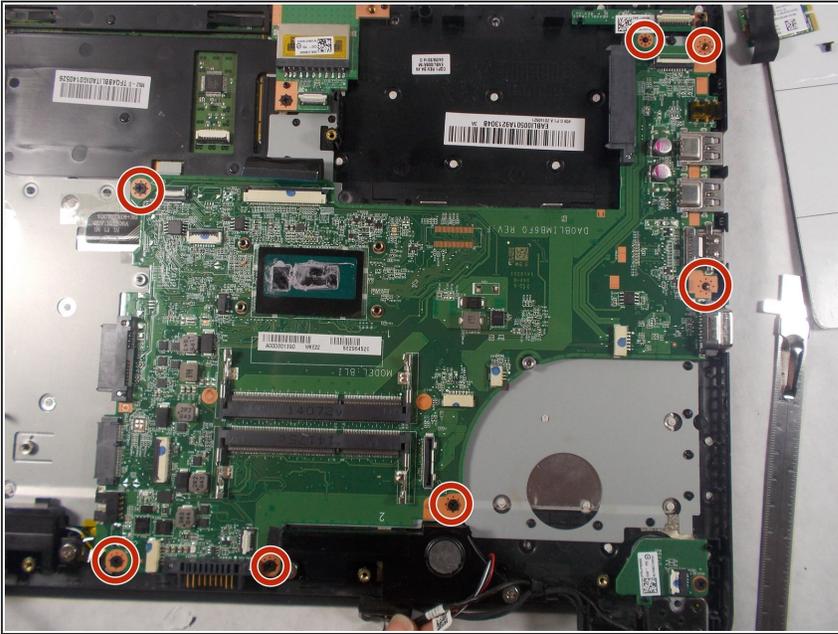
- Disconnect all of the ribbons by lifting the tabs and gently pulling them out.

Step 16



- Remove the wires from the motherboard using the tweezers.

Step 17



- Remove all seven of the 3mm Phillips head screws with the Phillips #00 screwdriver.

Step 18



- Gently lift the motherboard from the back of the laptop.

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