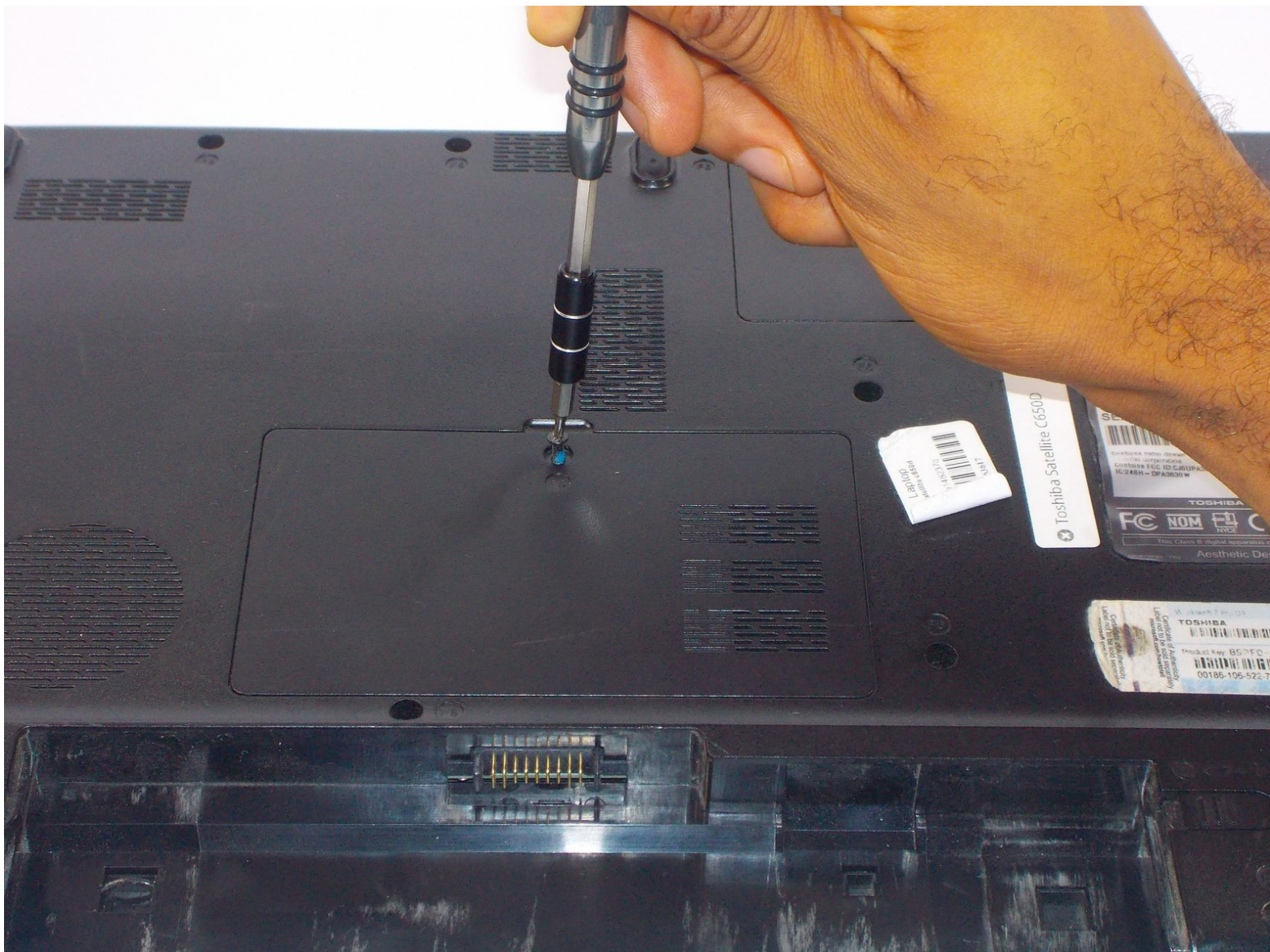# Toshiba Satellite c650d RAM Replacement

This guide will provide the steps for replacing the RAM in a Toshiba Satellite C650D laptop.

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INTRODUCTION

If your computer is slow, crashing during normal operation or will not boot up, then the RAM might need to be replaced. This guide offers instructions for RAM removal and replacement.
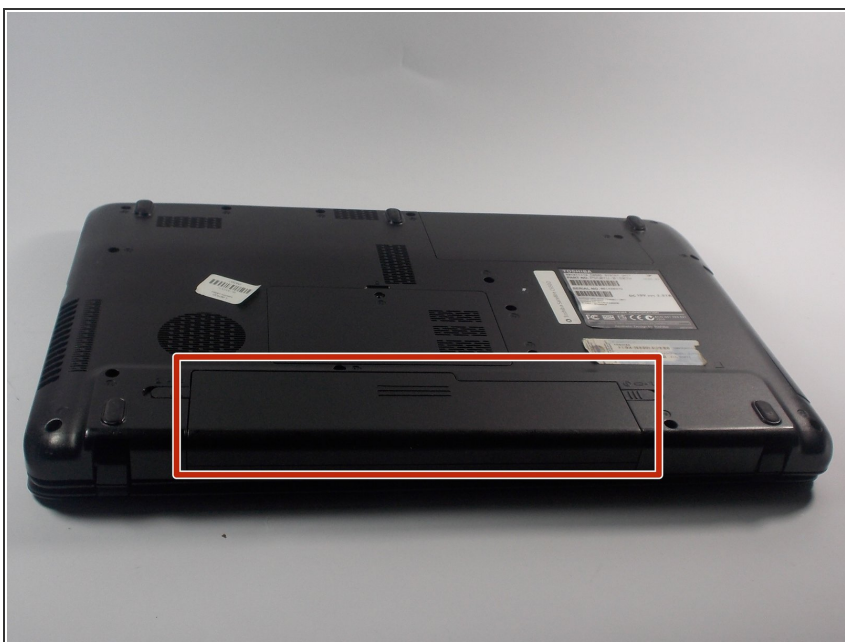
TOOLS:

- Anti-Static Wrist Strap (1)
- Phillips #0 Screwdriver (1)

PARTS:

- Toshiba Satellite C650D Replacement RAM (1)

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Step 1 — Battery

- Unplug the laptop and turn it off.
- Flip the laptop upside down.
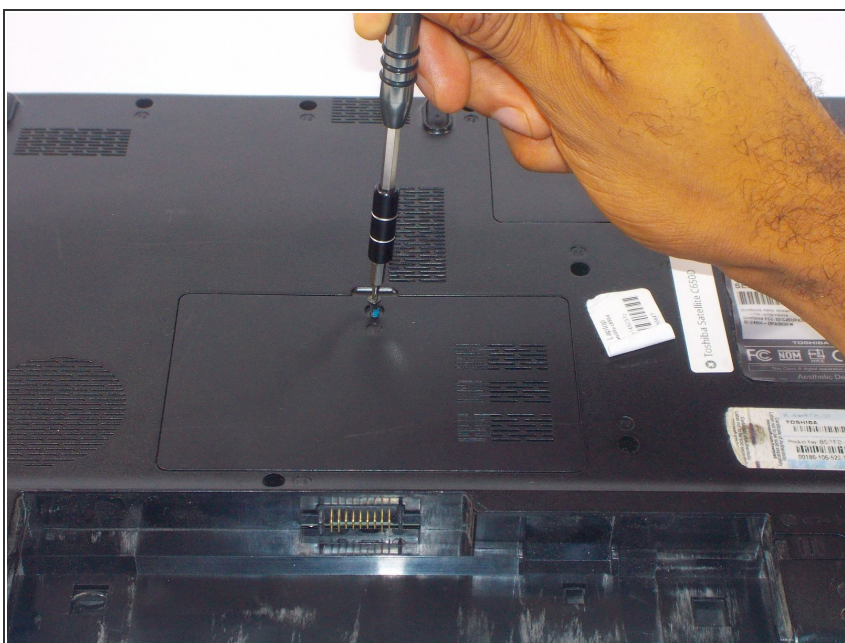- Locate the battery on the underside of the laptop.

Step 2

- Push the two latches away from the battery.

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Step 3

- Slide the battery away from the laptop.

- Locate the serial number on the battery to order a replacement.

Step 4 — RAM

- Remove the one 5.5mm Philips #0 screw that holds in the central panel.

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Step 5

- Pull the back panel off.

Step 6

- Remove the RAM.
  - Carefully undo the clips on either side of the top RAM.
  - Remove the chip by pulling it out of its slot.
  - Repeat until you have removed the chip that you want to replace.
- ⓘ This laptop has only two slots for RAM, and both are filled. Plan accordingly if your goal is to increase RAM.

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

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