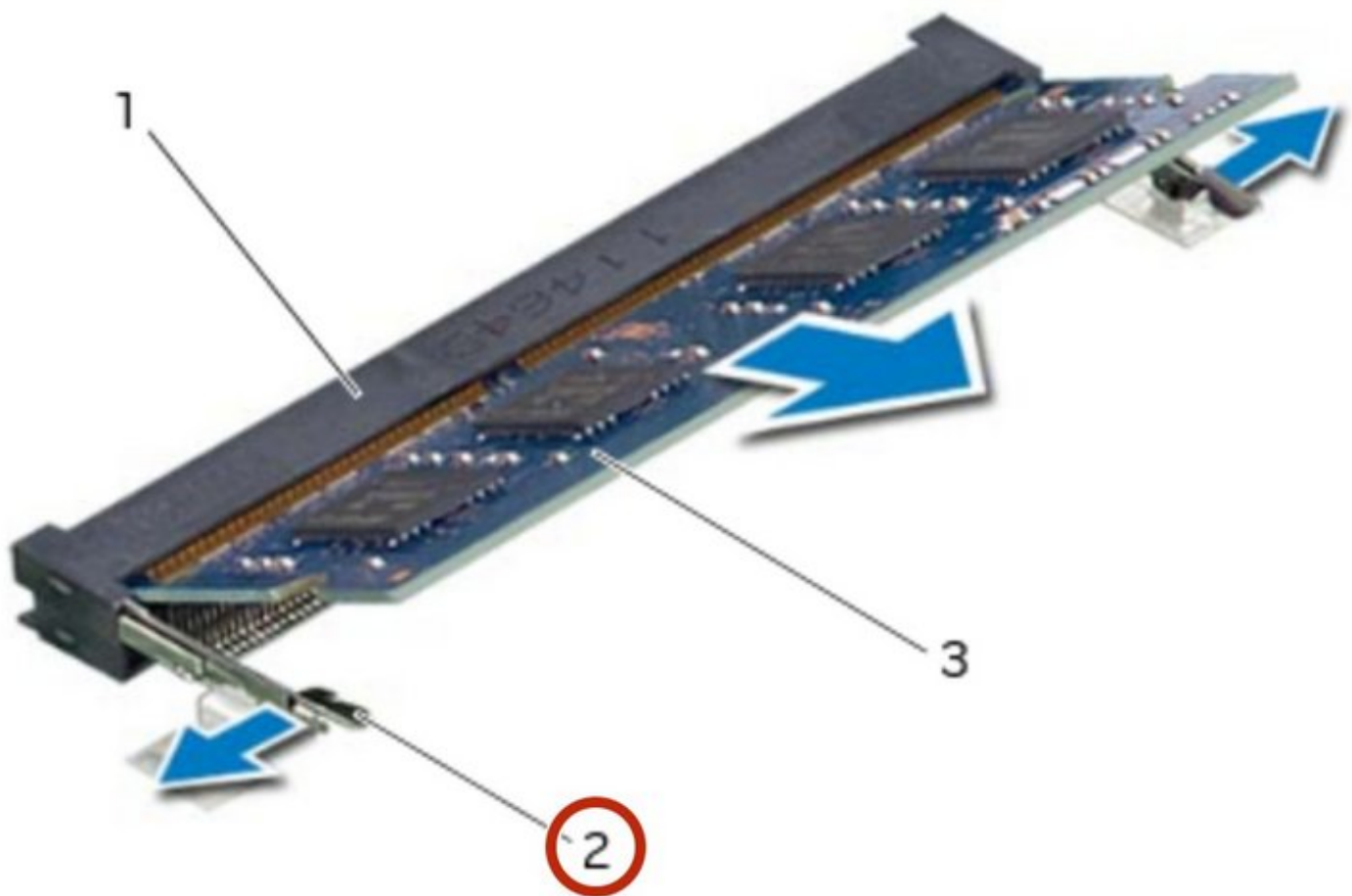# Dell Alienware 14 Memory Module Replacement

Replace the memory module for the Dell Alienware 14.

Written By: Terrence15

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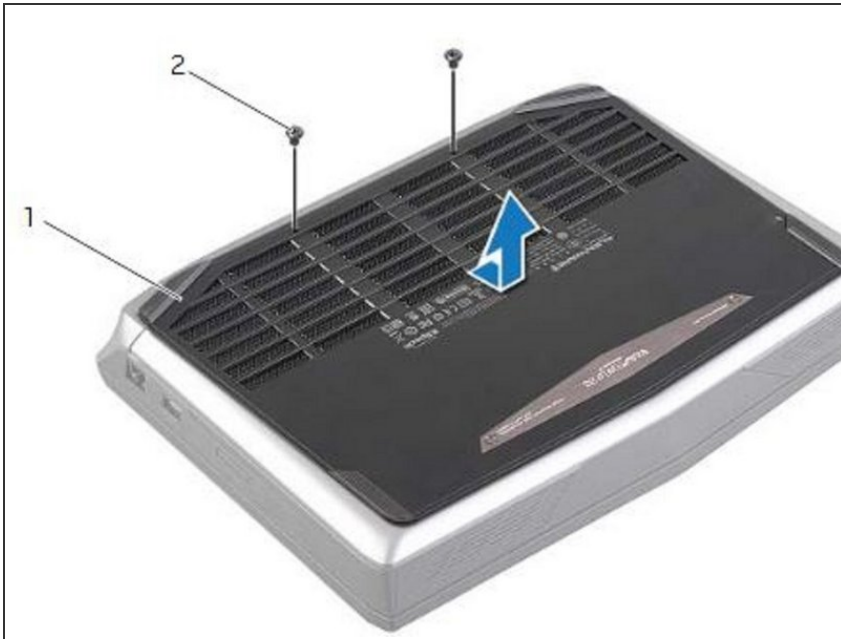© iFixit — CC BY-NC-SA   www.iFixit.com   Page 1 of 13

INTRODUCTION

In this guide, we will be showing you how to remove and replace the memory modules.
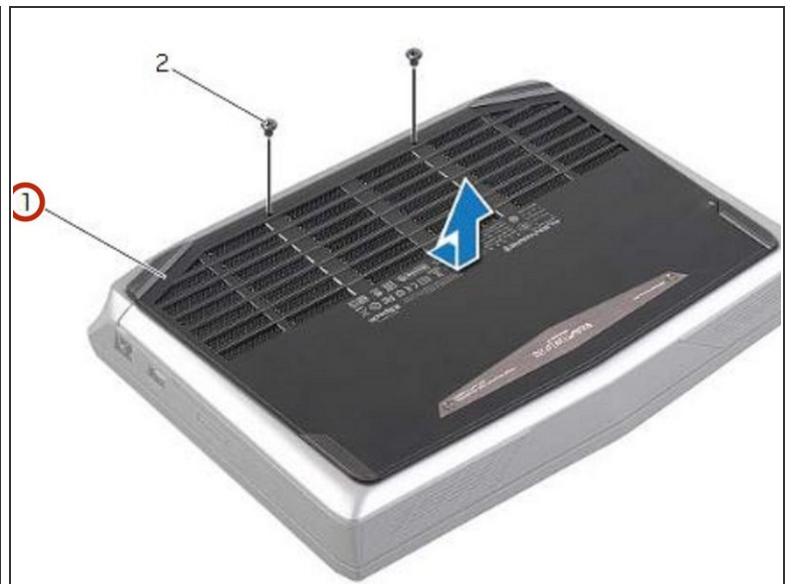
🔧 TOOLS:

- Pro Tech Toolkit (1)

Step 1 — Close the Display

⚠ WARNING: Before working inside your computer, read the safety information that shipped with your computer and follow the steps in [Before You Begin](#). . After working inside your computer, follow the instructions in ["After Working Inside Your Computer"](#).

● Close the display, and turn the computer over.

Step 2 — Remove the Screws

● Remove the screws that secure the base cover to the computer base.

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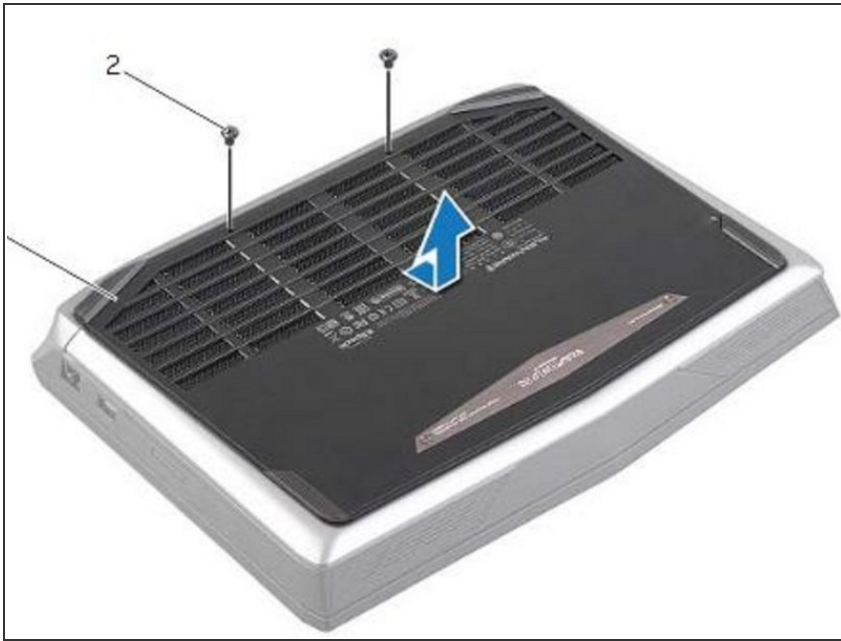
Step 3 — Slide and Lift the Base Cover

- Slide and lift the base cover off the computer base.

Step 4 — Align the Tabs

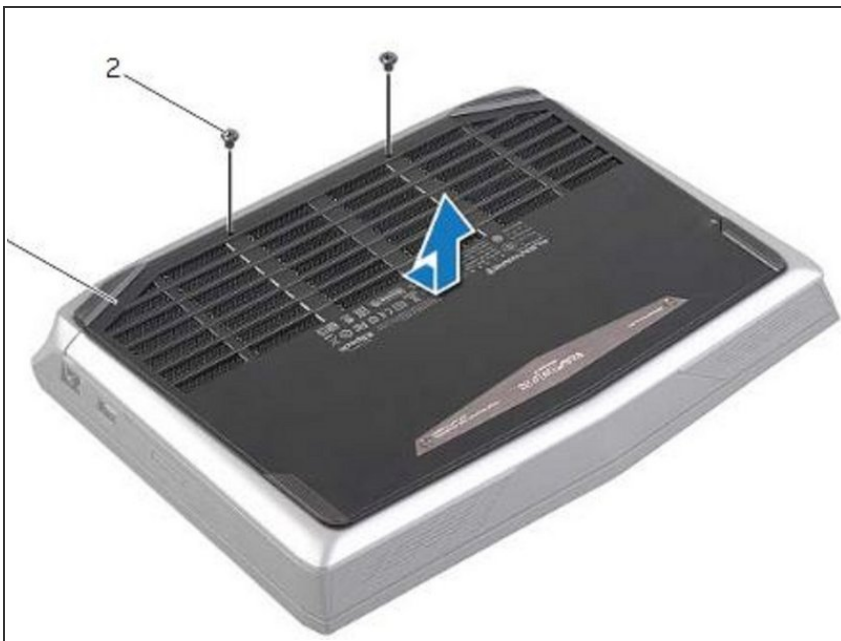- Align the tabs on the **NEW** base cover with the slots on the computer base and slide the base cover into place.

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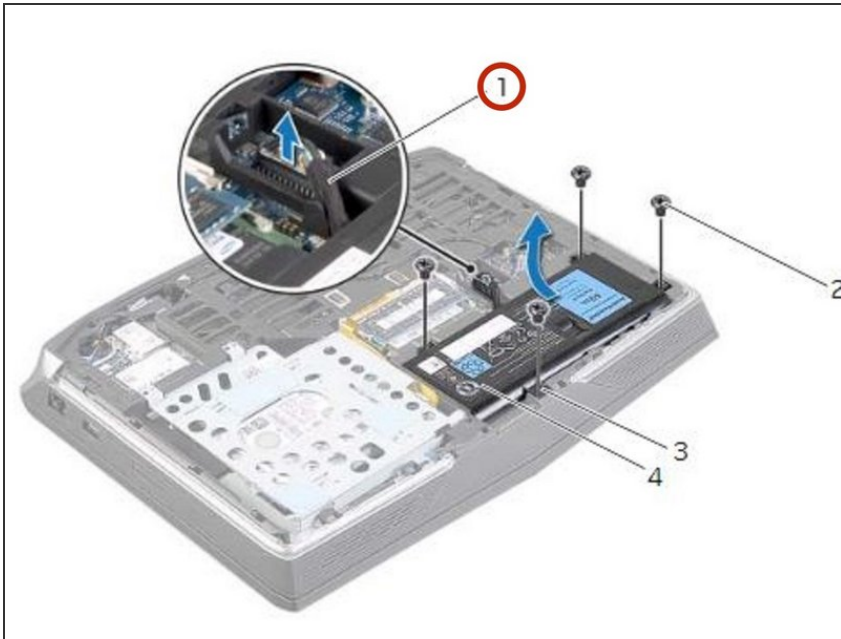
Step 5 — Replace the Screws

- Replace the screws that secure the base cover to the computer base.

Step 6 — Turn the Computer Over

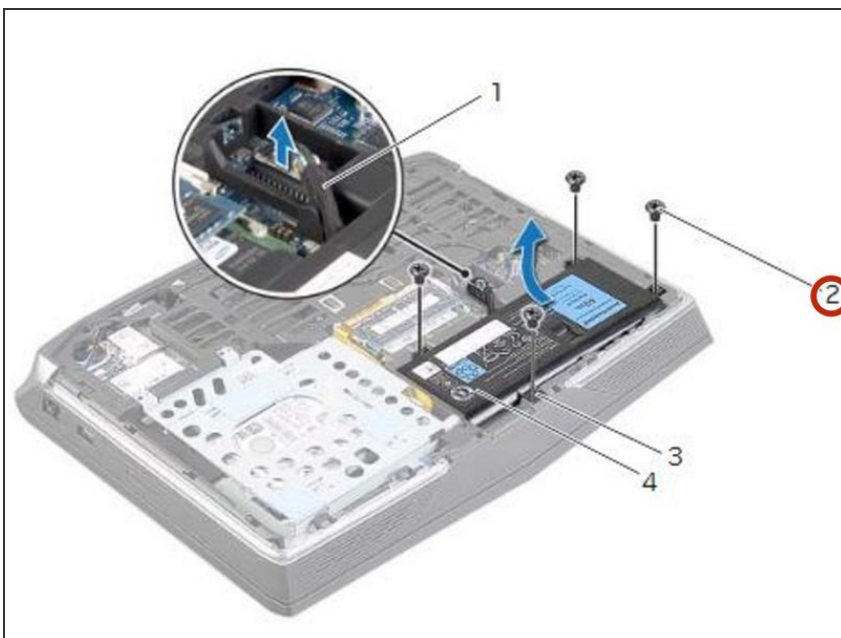

- Turn the computer over and open the display.

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Step 7 — Disconnecting the Battery Cable

⚠ WARNING: Before working inside your computer, read the safety information that shipped with your computer and follow the steps in [Before Working Inside Your Computer](). After working inside your computer, follow the instructions in [After Working Inside Your Computer]().

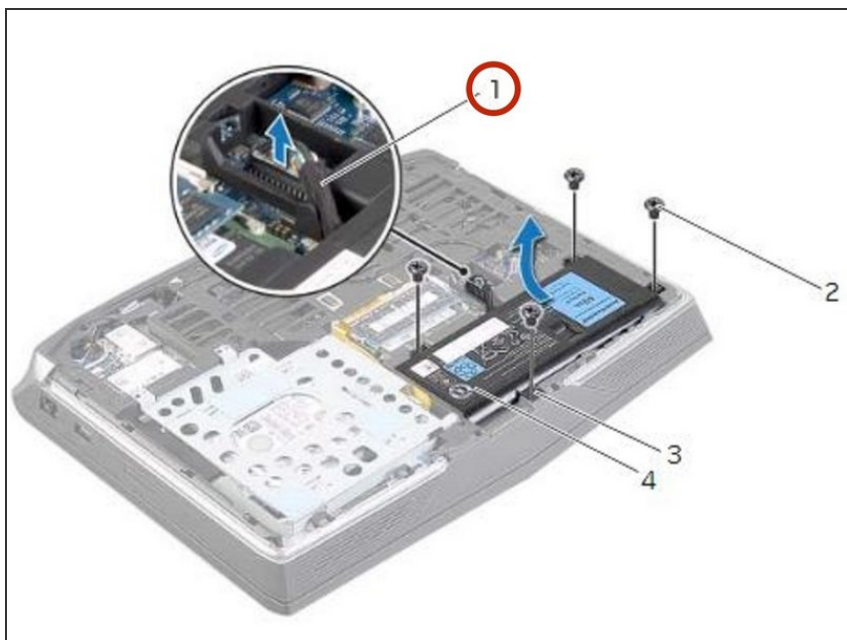● Disconnect the battery cable from the system-board connector.

Step 8 — Remove the Screws

● Remove the screws that secure the battery to the computer base.

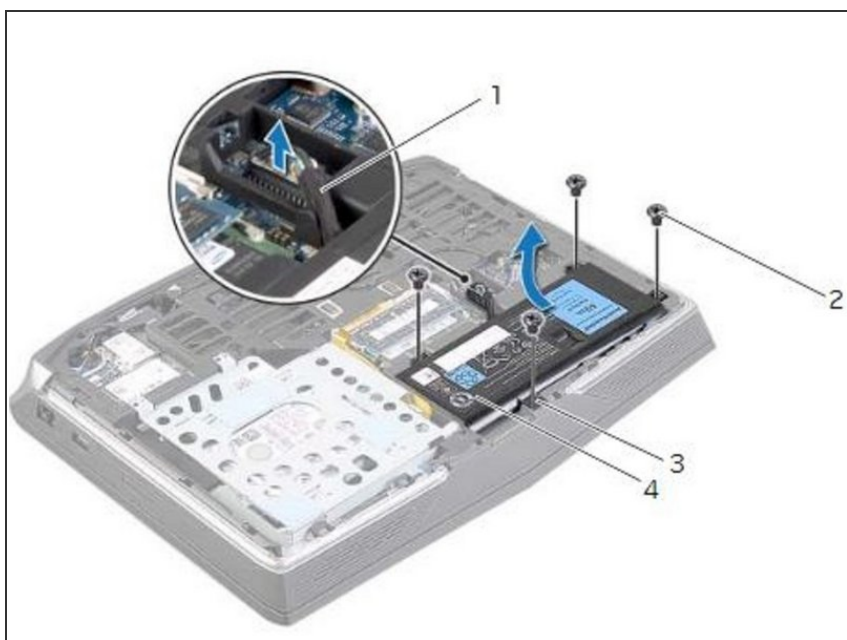This document was generated on 2019-09-17 04:18:11 PM (MST).
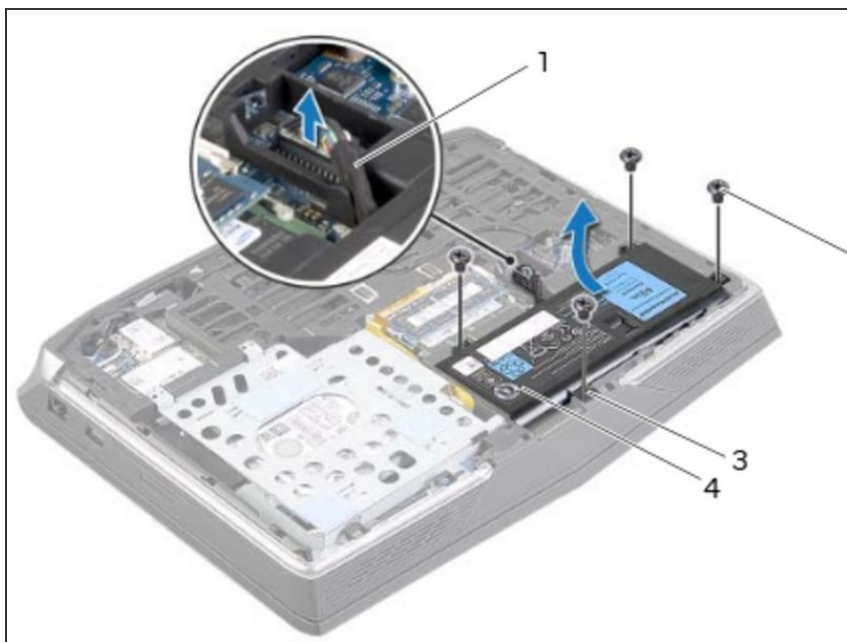
Step 9 — Using the Battery Cable

- Using the battery cable, lift the battery and release it from the tabs on the computer base.

Step 10 — Turn the Computer Over

- Turn the computer over and open the display as far as possible.

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Step 11 — The Power Button

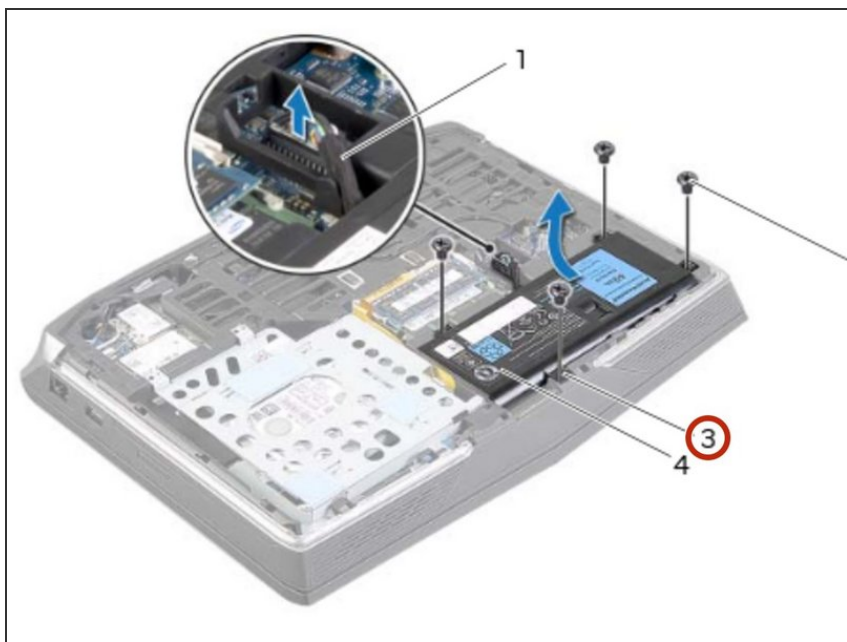- Press and hold the power button for five seconds to ground the system board.

Step 12 — Close the Display
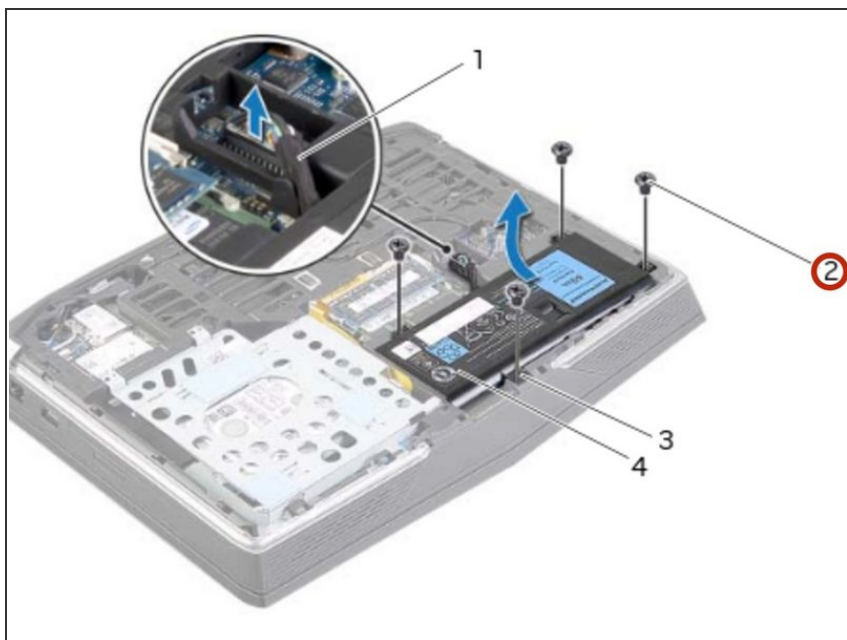

- Close the display and turn the computer over.

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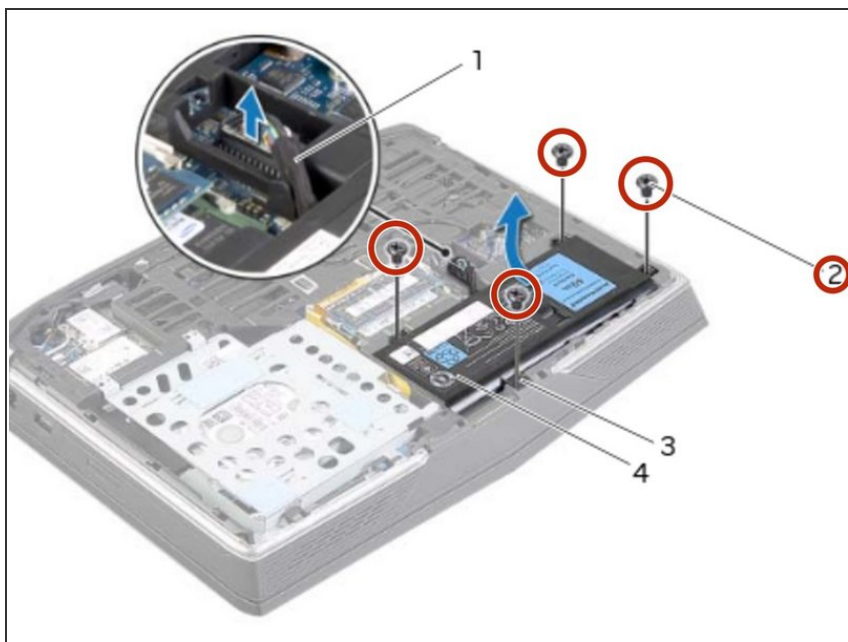
Step 13 — Align the Tabs

● Align the tabs on the **NEW** battery with the slots on the computer base.
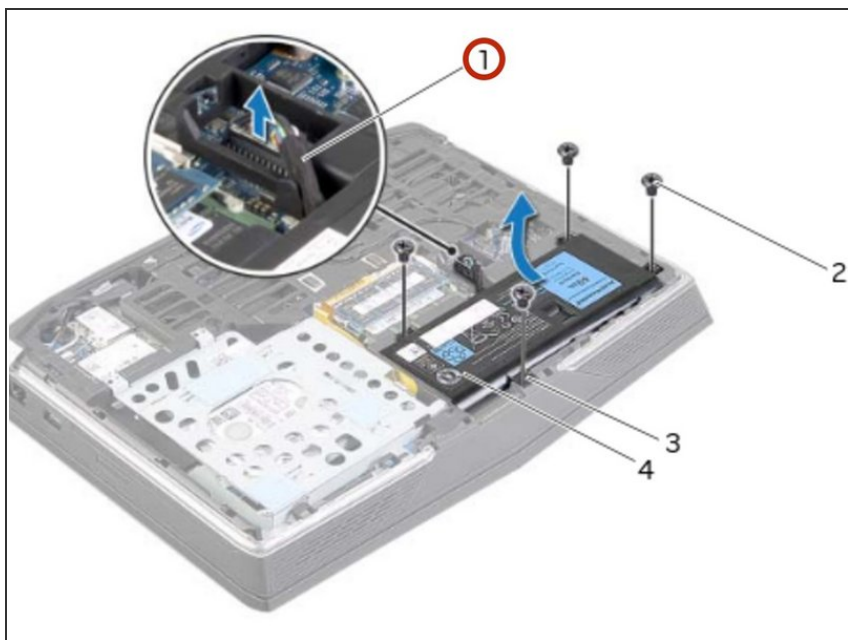
Step 14 — Align the Screw Holes

● Align the screw holes on the battery with the screw holes on the computer base.
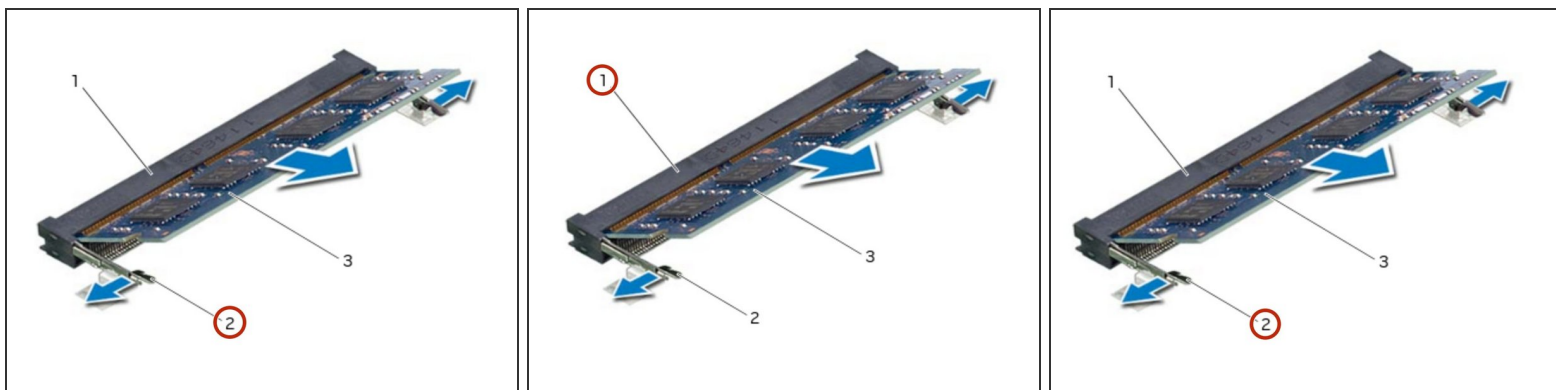
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Step 15 — Replace the Screws

● Replace the screws that secure the battery to the computer base.

Step 16 — Connect the Battery Cable

● Connect the battery cable to the system-board connector.
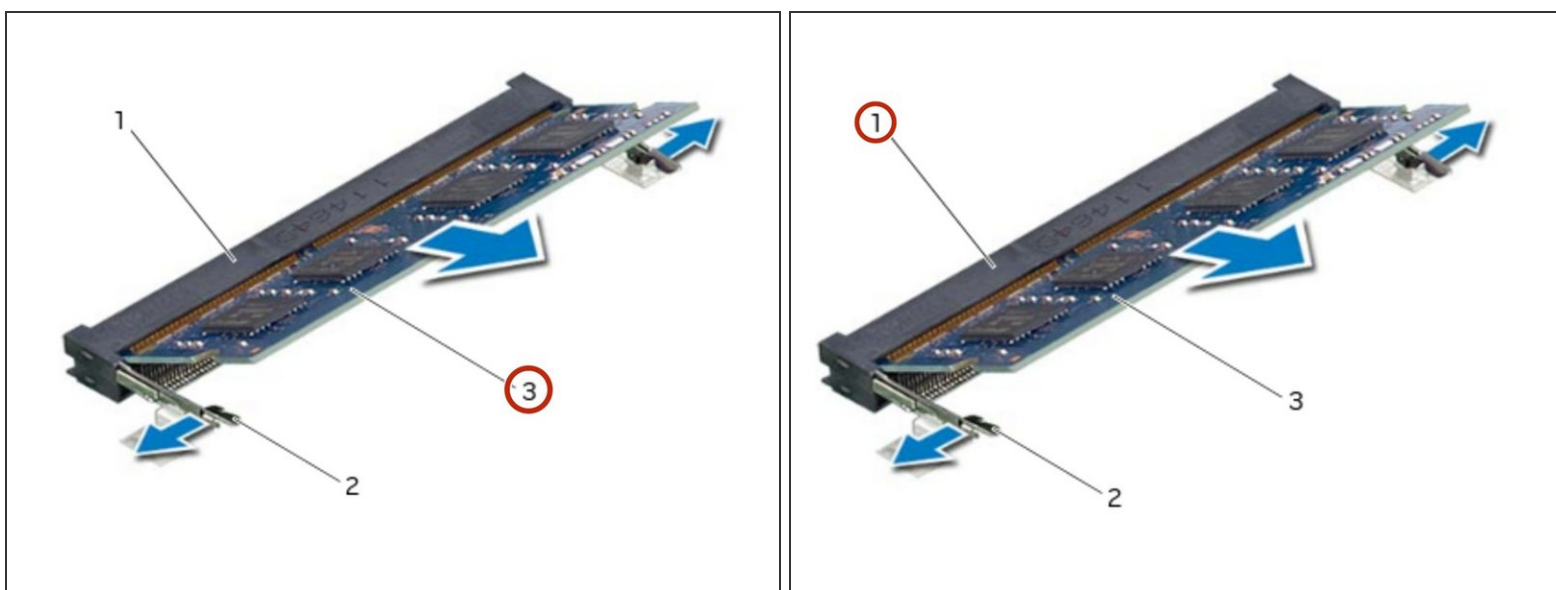
Step 17 — Popping up the Memory Module

⚠ WARNING: Before working inside your computer, read the safety information that shipped with your computer and follow the steps in [Before Working Inside Your Computer](#). After working inside your computer, follow the instructions in [After Working Inside Your Computer](#).

⚠ CAUTION: To prevent damage to the memory-module connector, do not use tools to spread the memory-module securing clips.
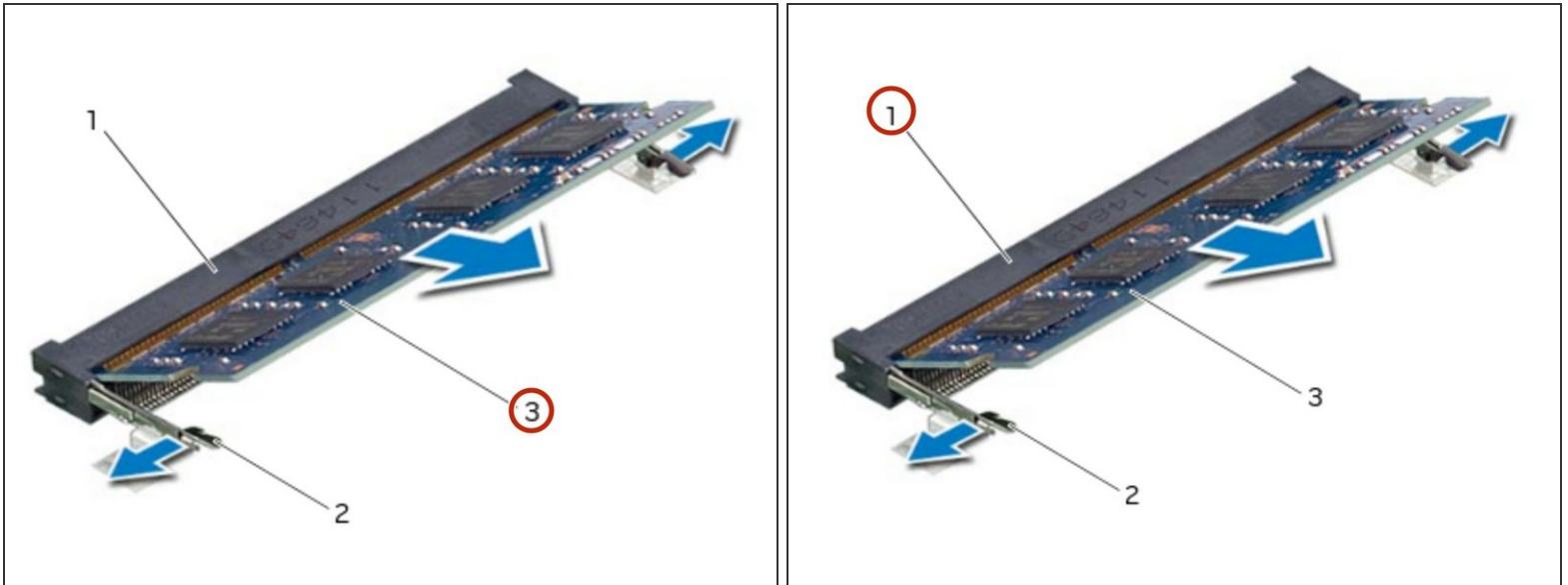
- Using your fingertips, carefully spread apart the securing clips on each end of the memory-module connector until the memory module pops up.

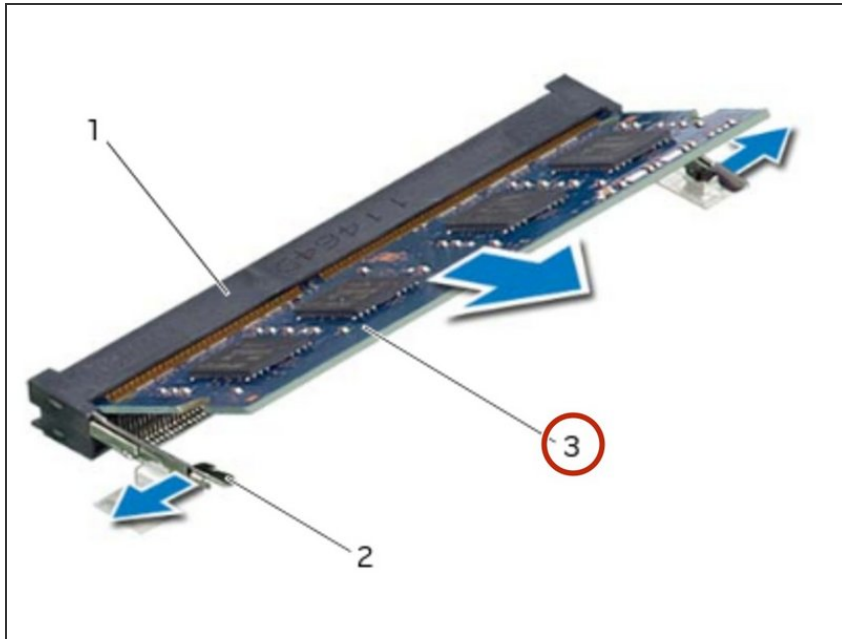## Step 18 — Remove the Memory Module

- Remove the memory module from the memory-module connector.

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Step 19 — Align the Notch

- Align the notch on the **NEW** memory module with the tab on the memory-module connector.

Step 20 — Slide the Memory Module

- Slide the memory module firmly into the slot at a 45-degree angle, and press the memory module down until it clicks into place. If you do not hear the click, remove the memory module and reinstall it.

- (i) NOTE: If the memory module is not installed properly, the computer may not boot.

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

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