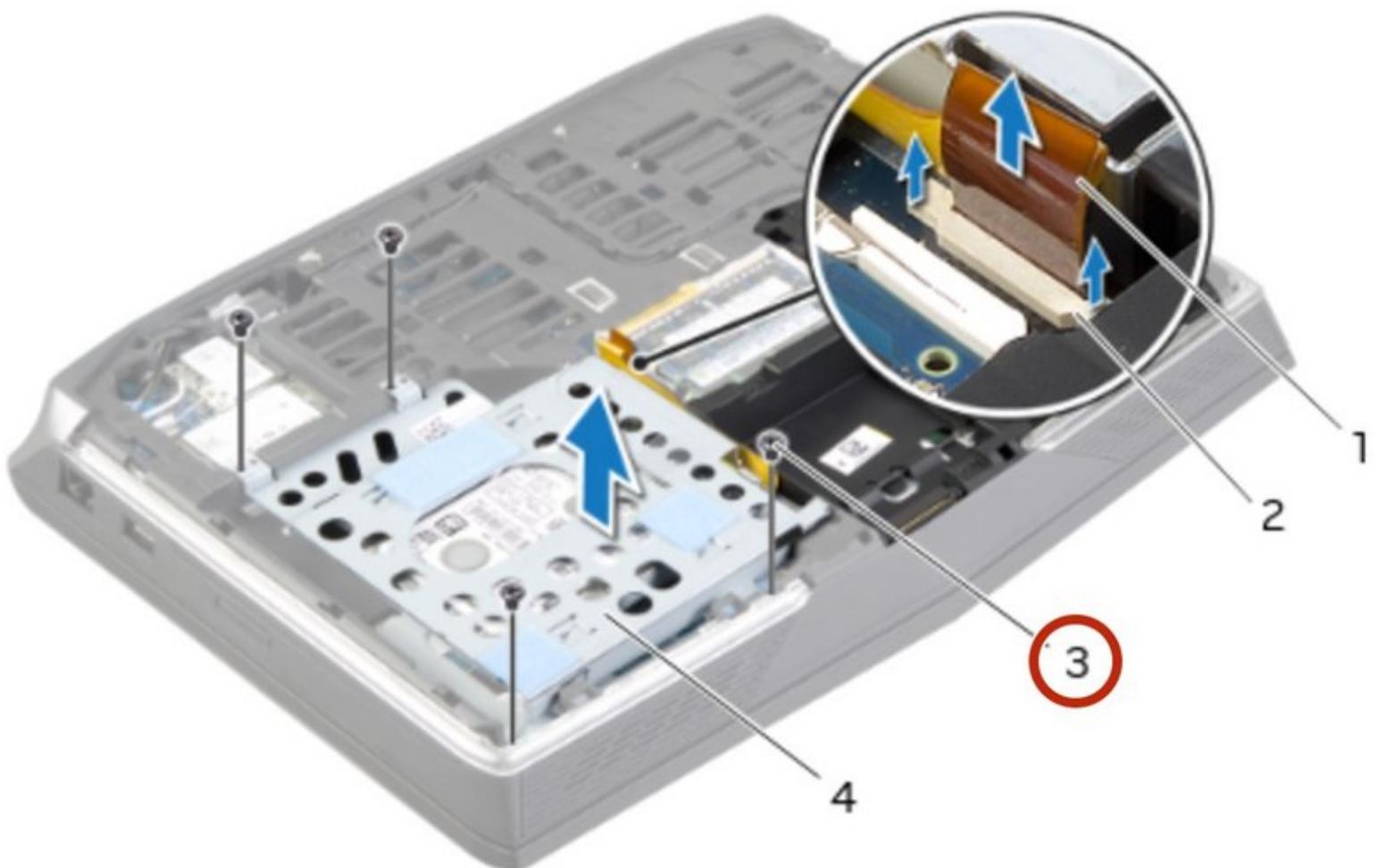# Dell Alienware 14 Secondary Hard Drive Replacement

Follow this guide to replace the hard drive for the Dell Alienware 14.

Written By: Terrence15

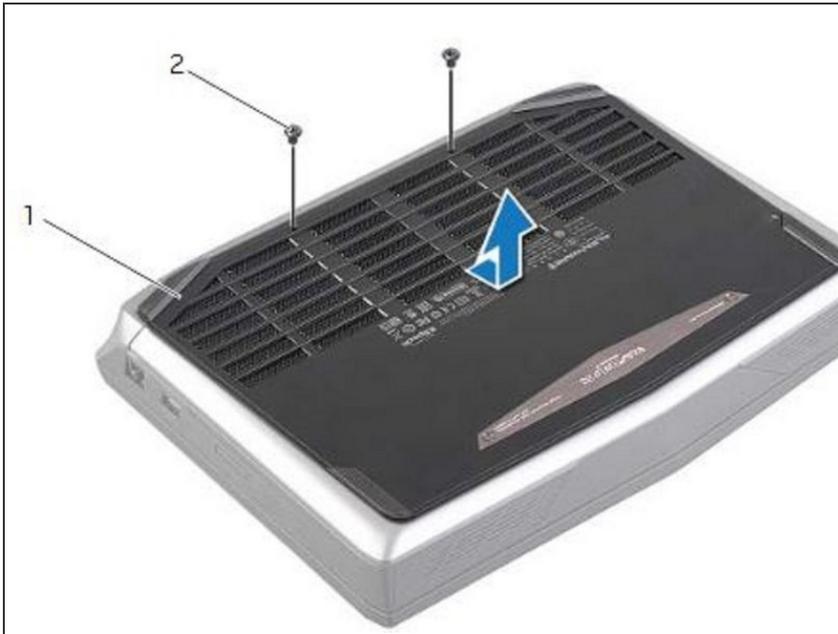This document was generated on 2019-09-16 01:08:48 PM (MST).

INTRODUCTION

In this guide, we will show you how to remove and replace the secondary hard drive.
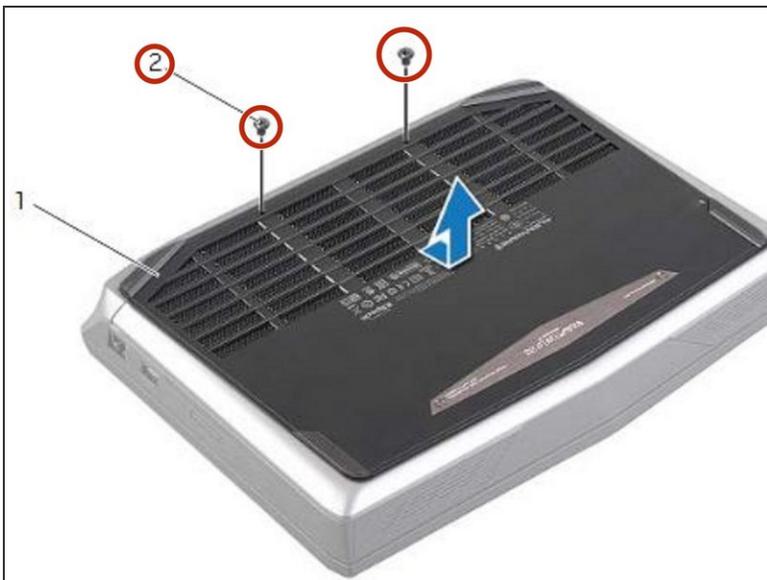
🔧 **TOOLS:**

- 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".

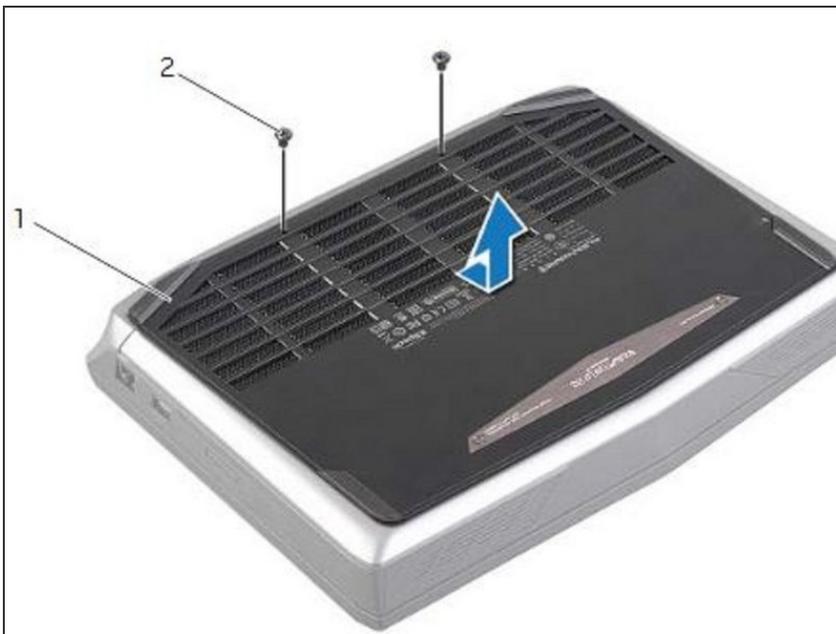● Close the display, and turn the computer over.

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

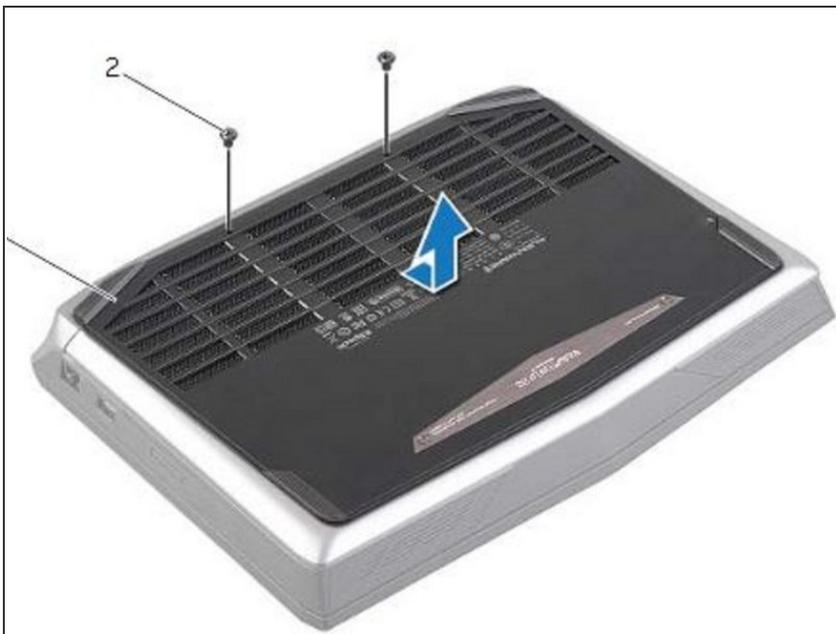● Align the tabs on the **NEW** base cover with the slots on the computer base and slide the base cover into place.

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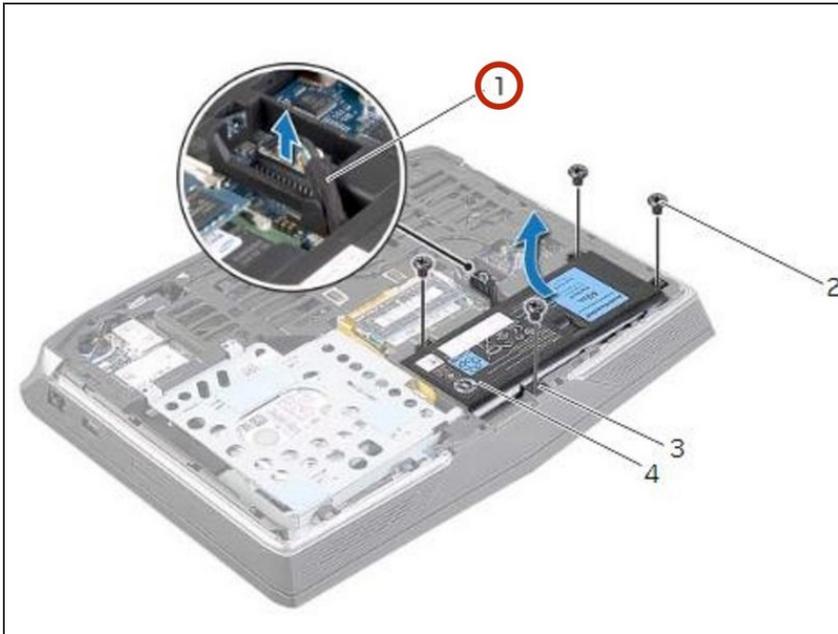
Step 5 — Replace the Screws

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

Step 6 — Turn the Computer Over

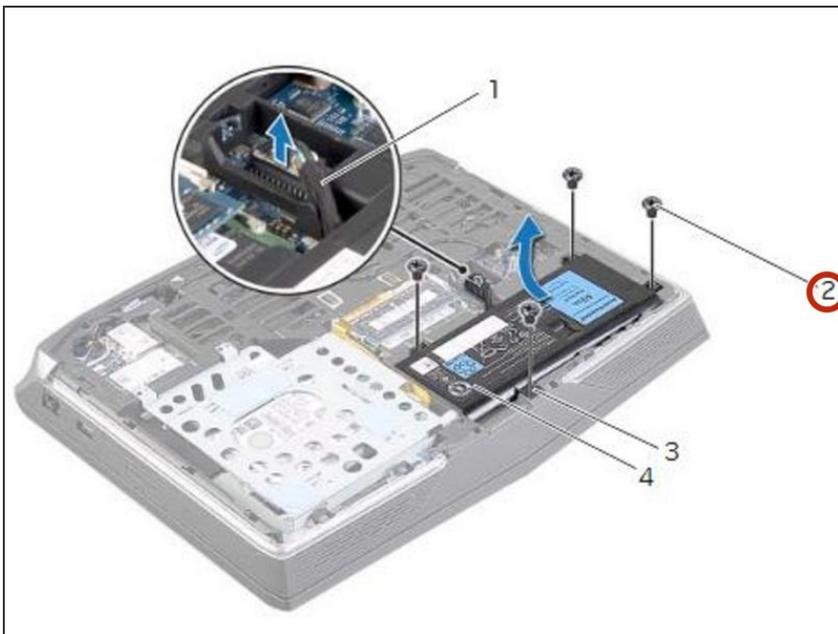

- Turn the computer over and open the display.

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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.
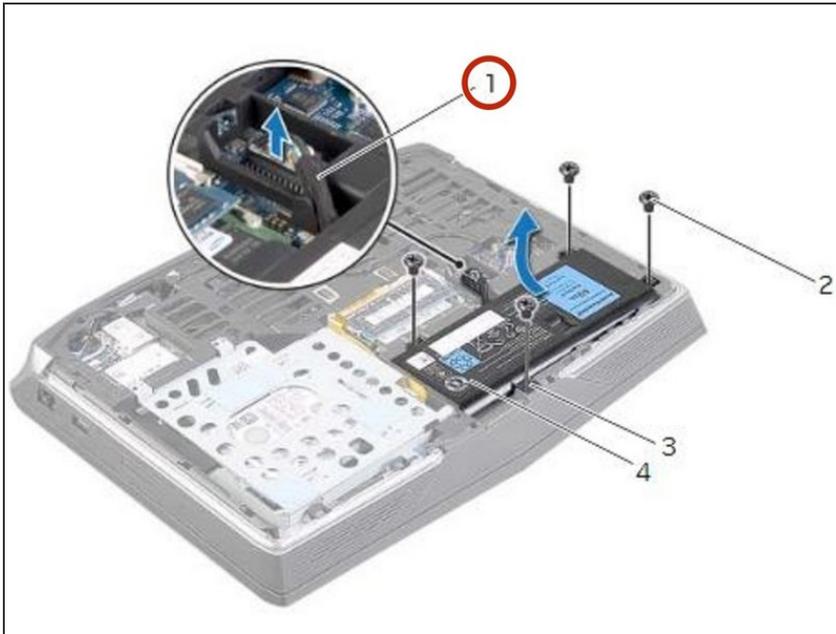
● Disconnect the battery cable from the system-board connector.
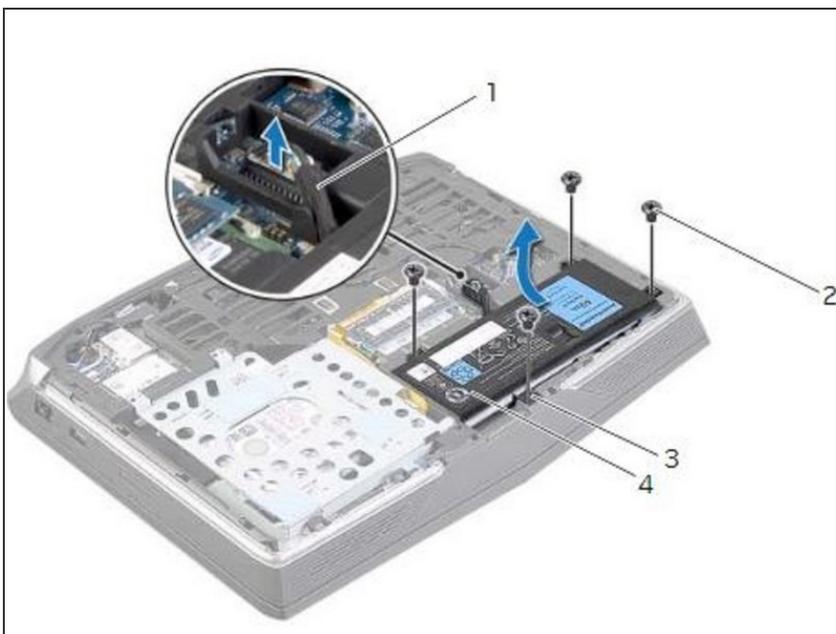
Step 8 — Remove the Screws

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

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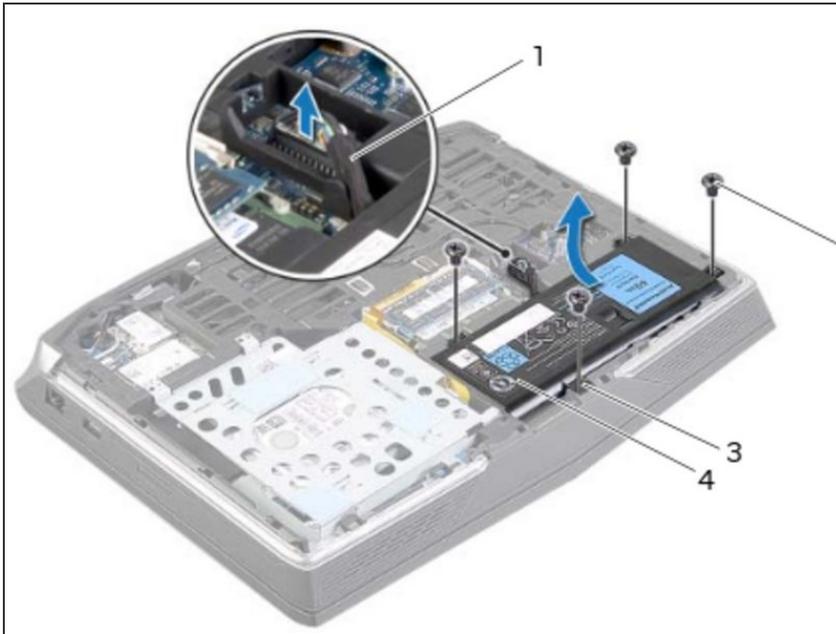
Step 9 — Using the Battery Cable

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

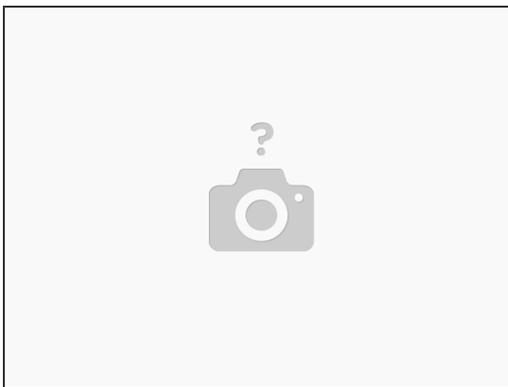## Step 10 — Turn the Computer Over

- Turn the computer over and open the display as far as possible.
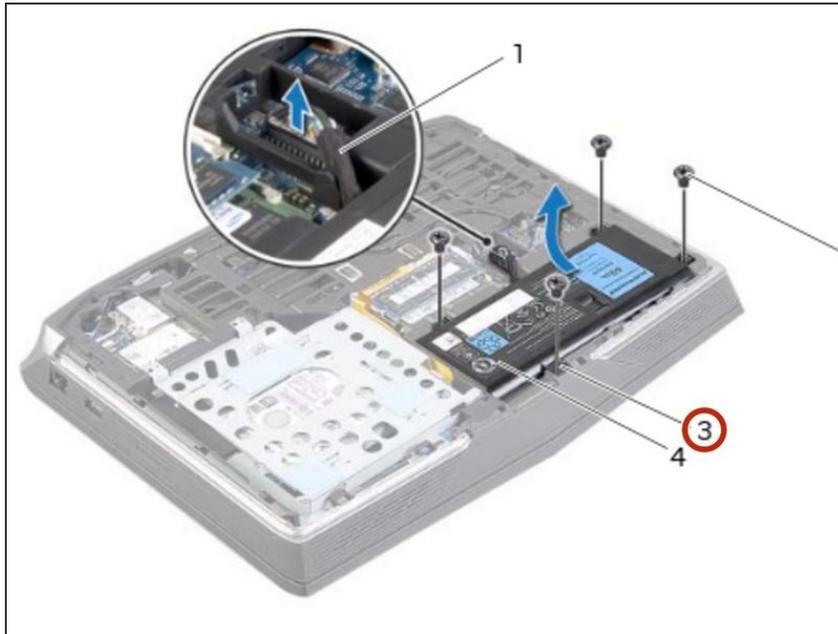
Step 11 — The Power Button

- Press and hold the power button for five seconds to ground the system board.
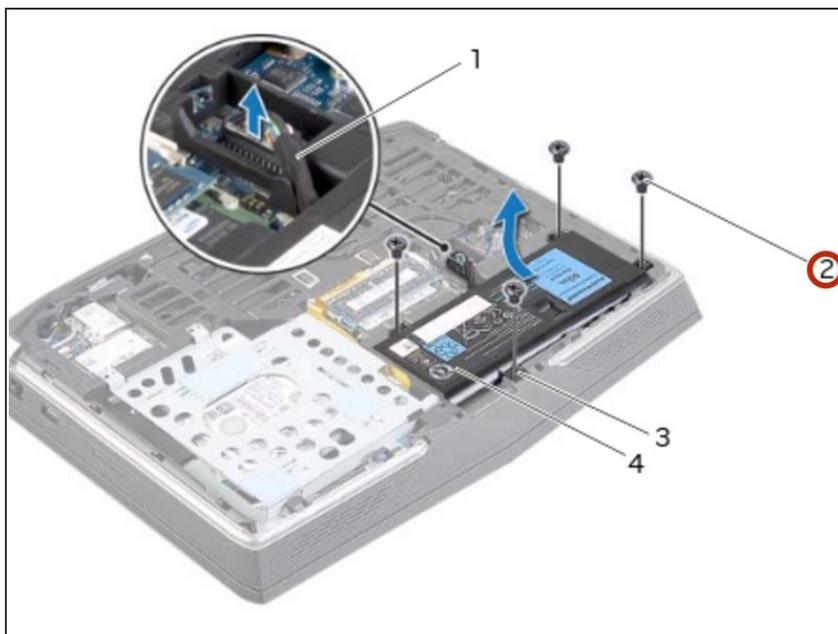
Step 12 — Close the Display

- Close the display and turn the computer over.

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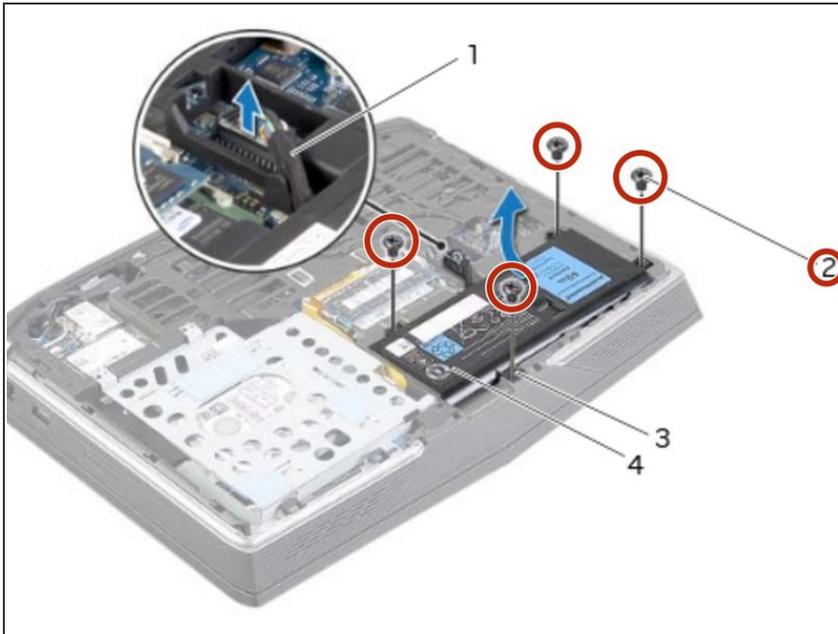
Step 13 — Align the Tabs

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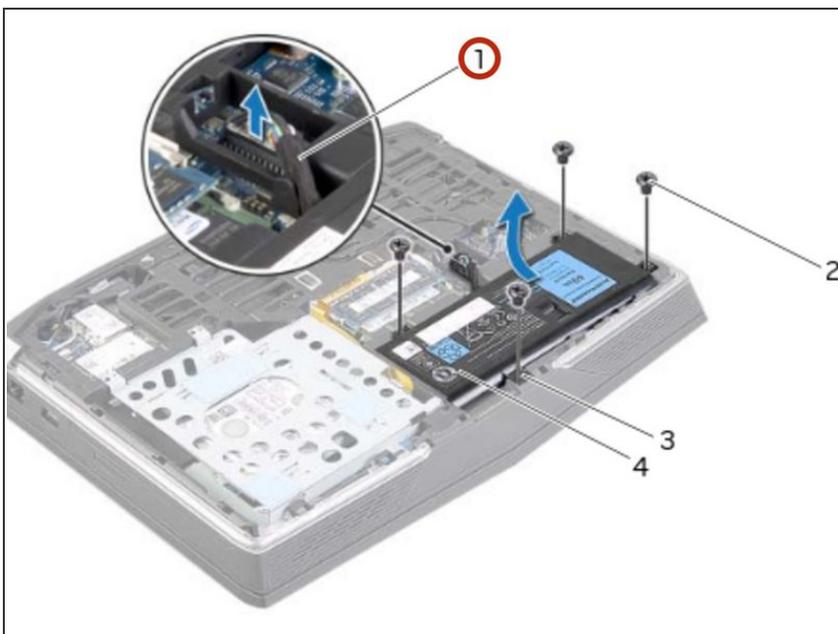
Step 14 — Align the Screw Holes

- Align the screw holes on the battery with the screw holes on the computer base.

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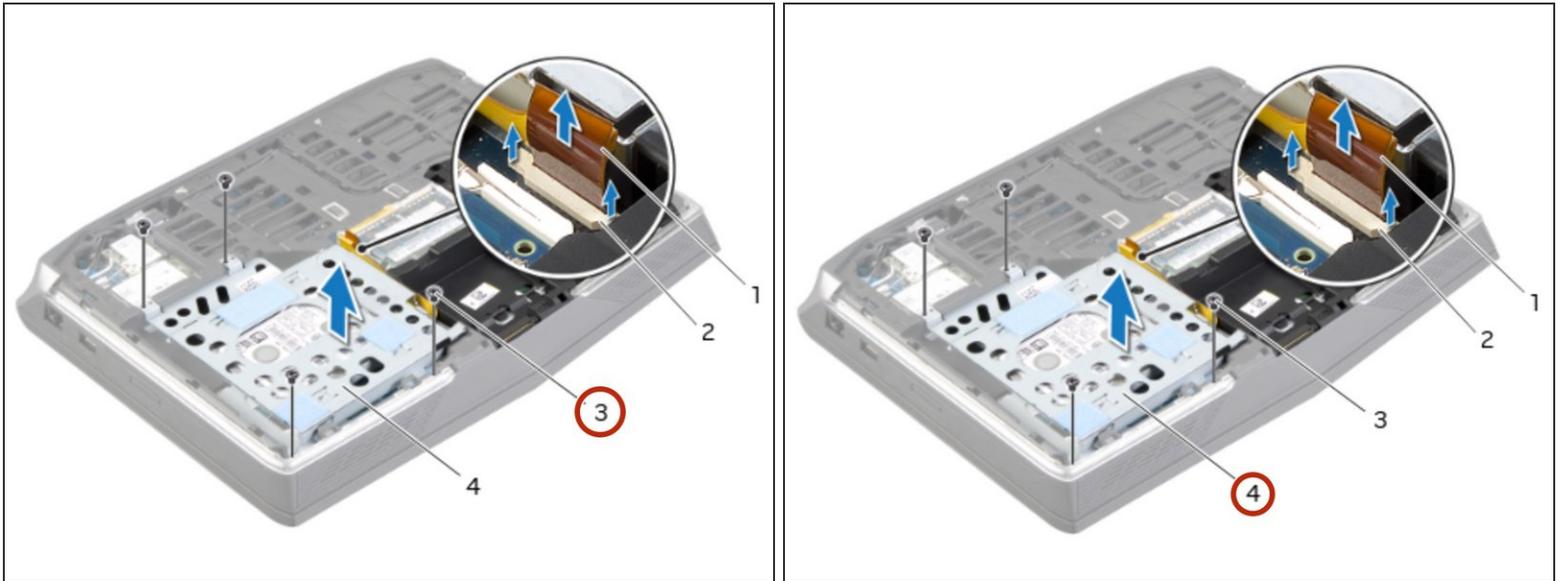
Step 15 — Replace the Screws

- 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.

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Step 17 — Remove the Screws

⚠ 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.
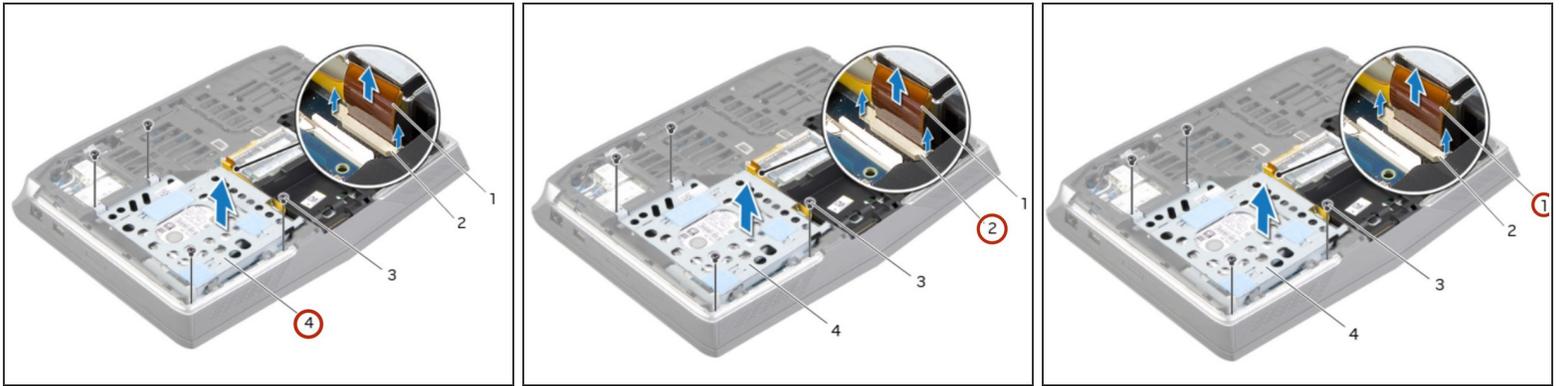
⚠ CAUTION: To avoid data loss, do not remove the hard drive while the computer is On or in Sleep state.

⚠ CAUTION: Hard drives are extremely fragile. Exercise care when handling the hard drive.

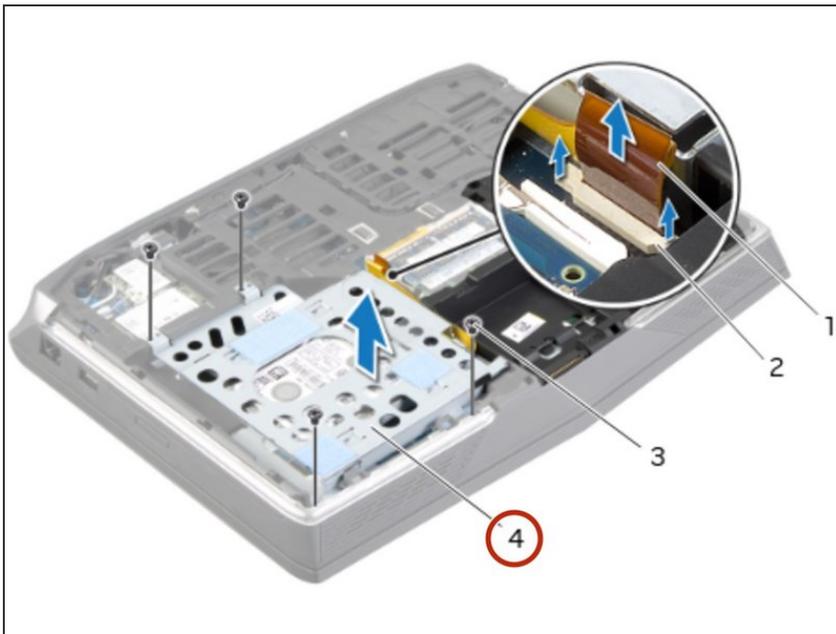ⓘ NOTE: The secondary hard-drive or solid-state drive is optional and can be installed in the optical drive bay.

● Remove the screws that secure the secondary hard-drive assembly to the computer base.

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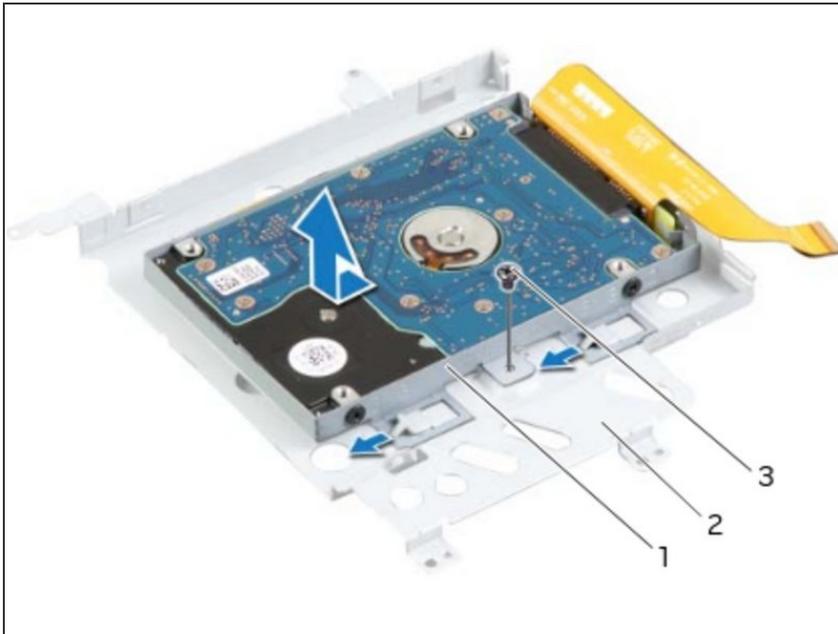## Step 18 — Lifting the Secondary Hard-Drive

- Carefully lift the secondary hard-drive assembly and then lift the latches to release the secondary hard-drive cable from the system-board connector.
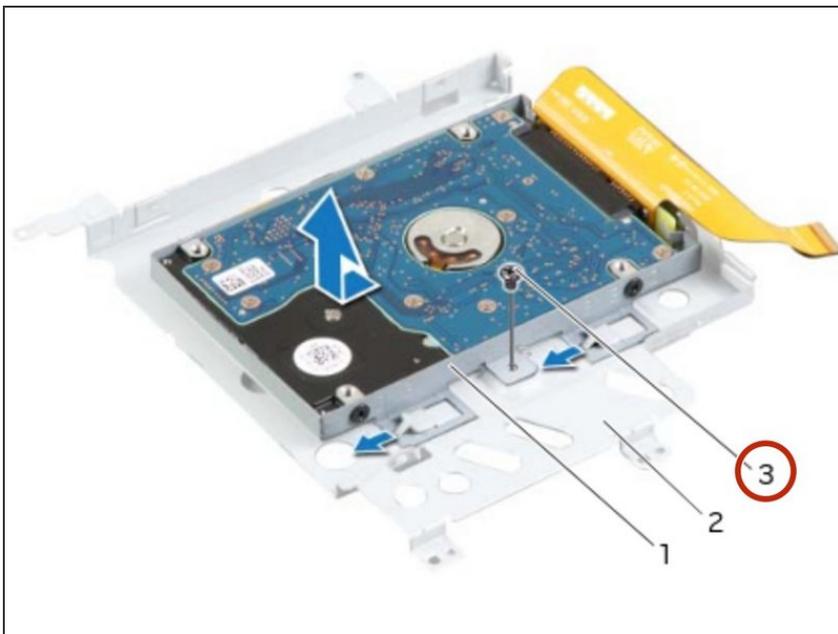
Step 19 — Lifting the Hard Drive

- Lift the secondary hard-drive assembly off the computer base.
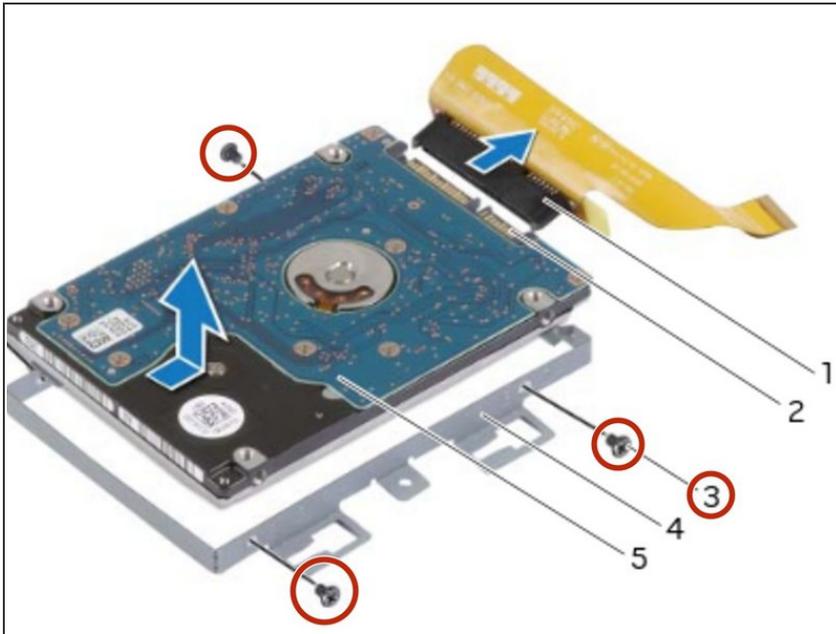
Step 20 — Turn the Assembly Over

● Turn the secondary hard-drive assembly over.
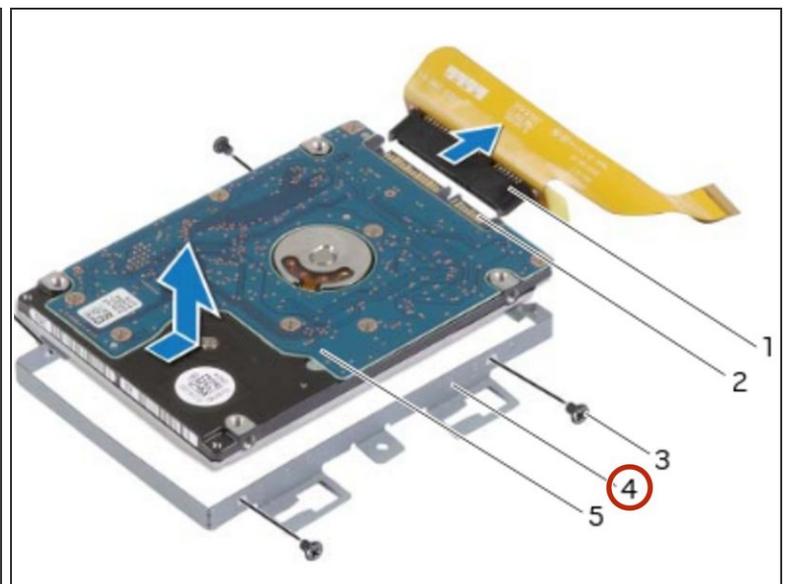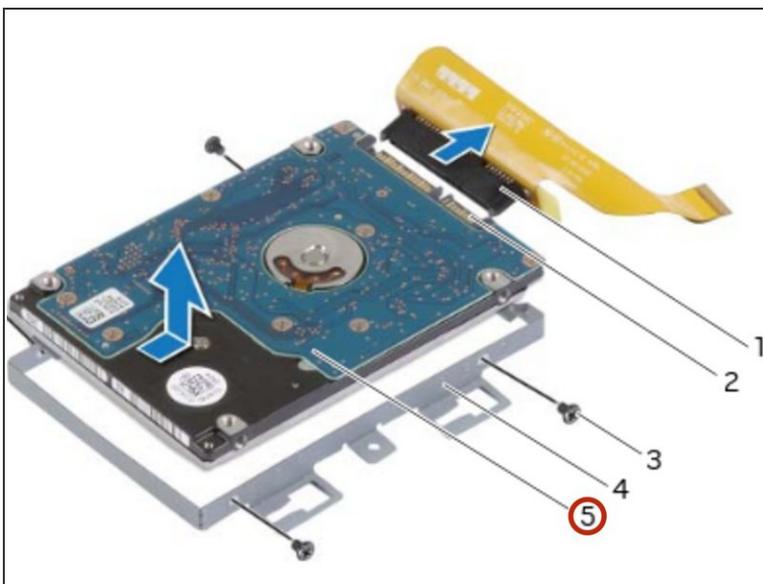
Step 21 — Remove the Screw

● Remove the screw that secures the secondary hard-drive assembly to the main bracket.

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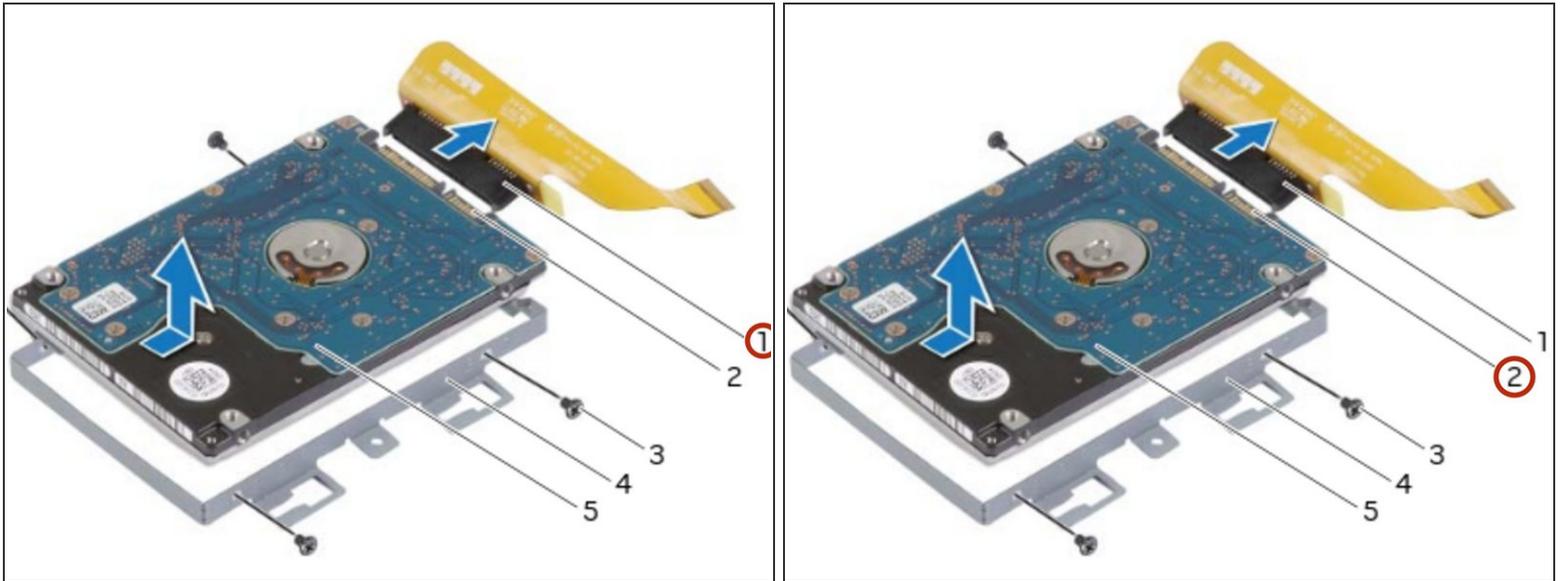
Step 22 — Remove the Screws

- Remove the screws that secure the secondary hard-drive to the secondary hard-drive bracket.

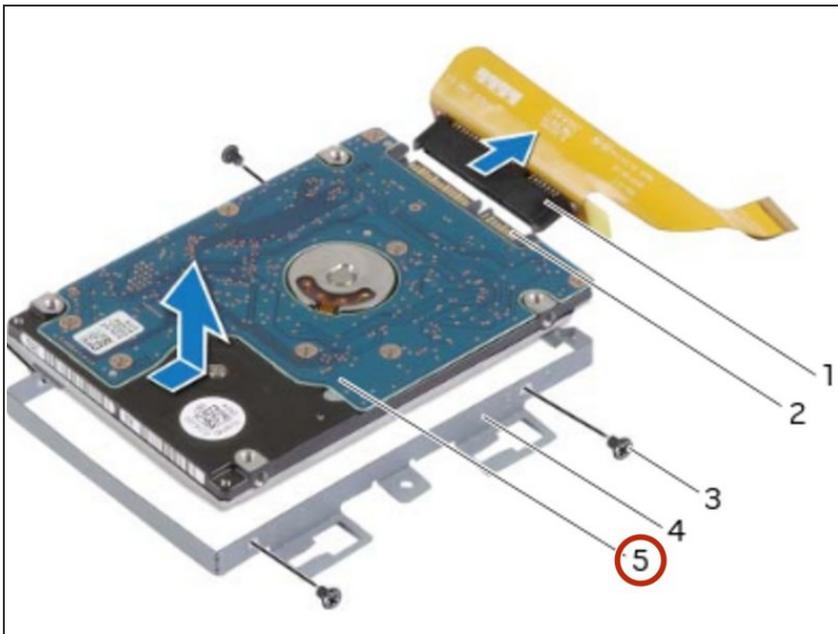## Step 23 — Slide and Lift the Hard-Drive

- Slide and lift the secondary hard-drive off the secondary hard-drive bracket.

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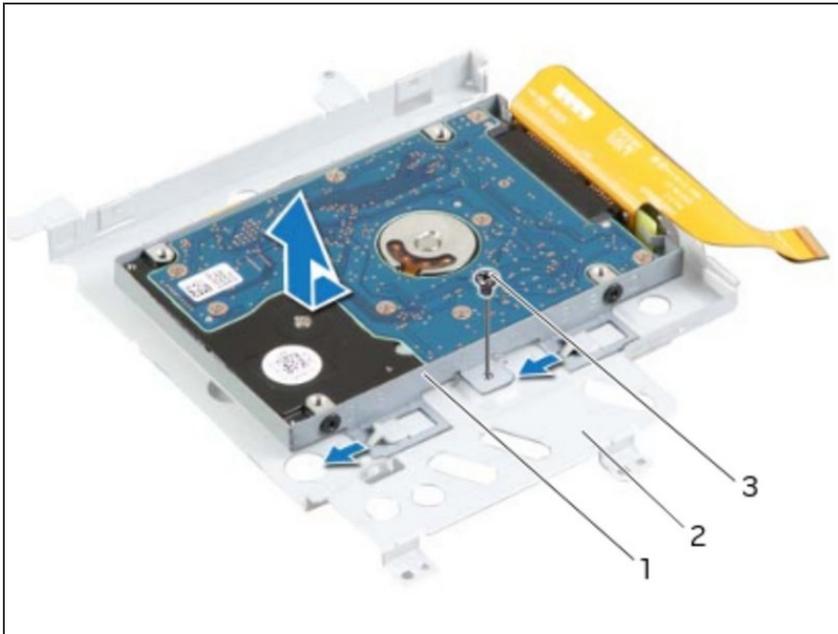
Step 24 — Disconnect the Interposer

- Disconnect the interposer from the secondary hard-drive connector.

Step 25 — Connect the Interposer
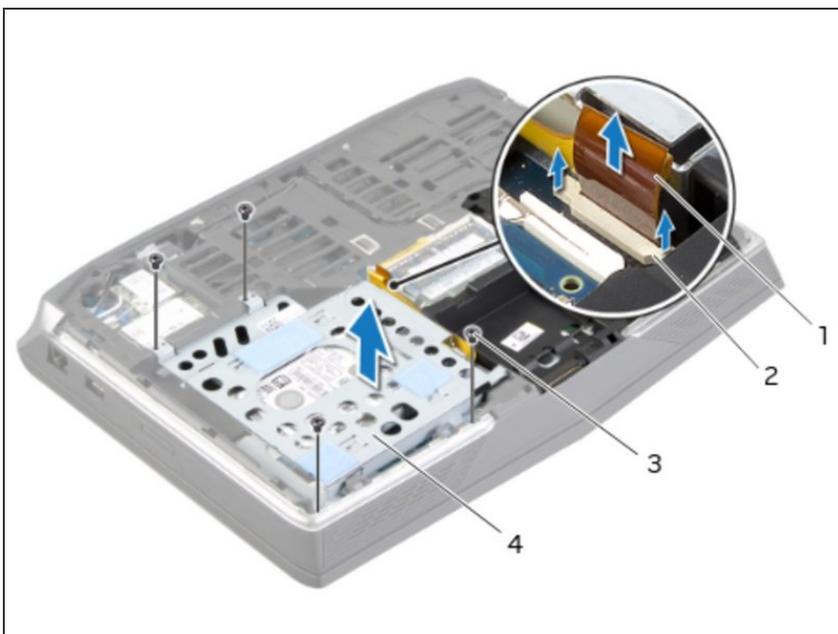

- Connect the interposer to the secondary hard-drive connector.

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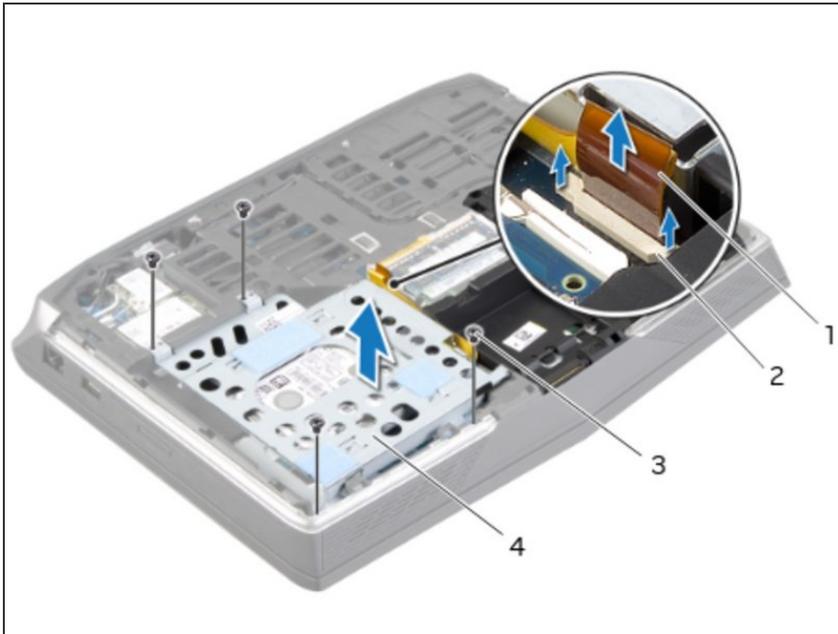## Step 26 — Placing the Secondary Hard-Drive

- Place the **NEW** secondary hard-drive in the secondary hard-drive bracket.
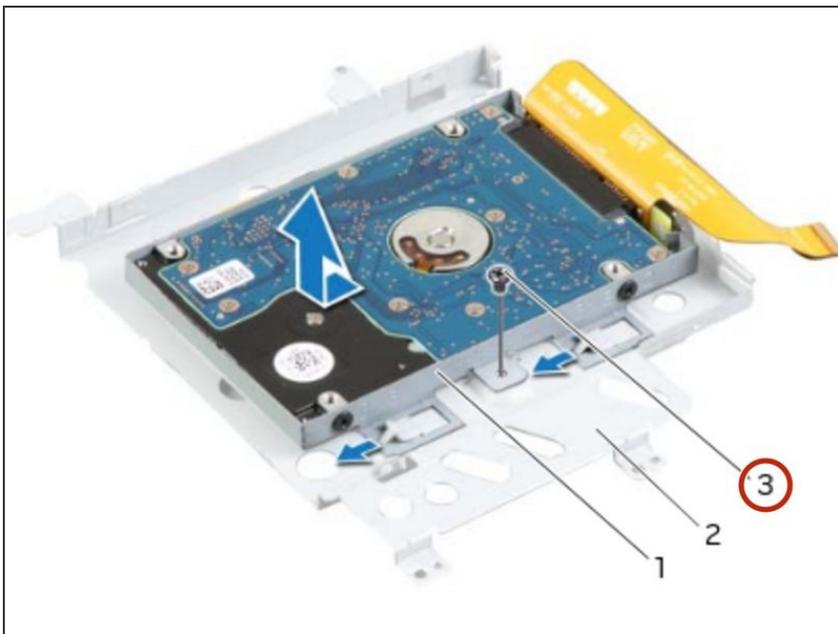
Step 27 — Align the Screw Holes

- Align the screw holes on the secondary hard-drive with the screw holes on the secondary hard-drive bracket.

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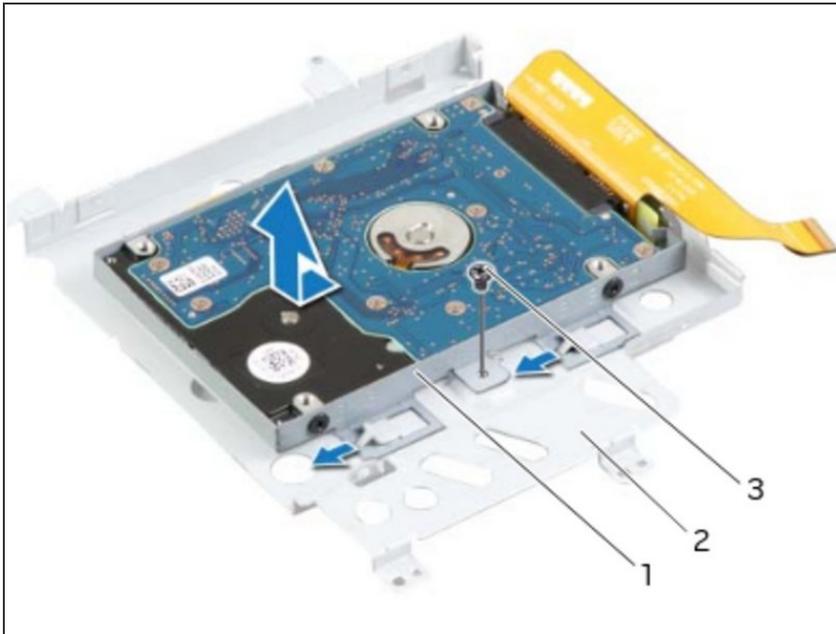
Step 28 — Replace the Screws

- Replace the screws that secure the secondary hard-drive to the secondary hard-drive bracket.

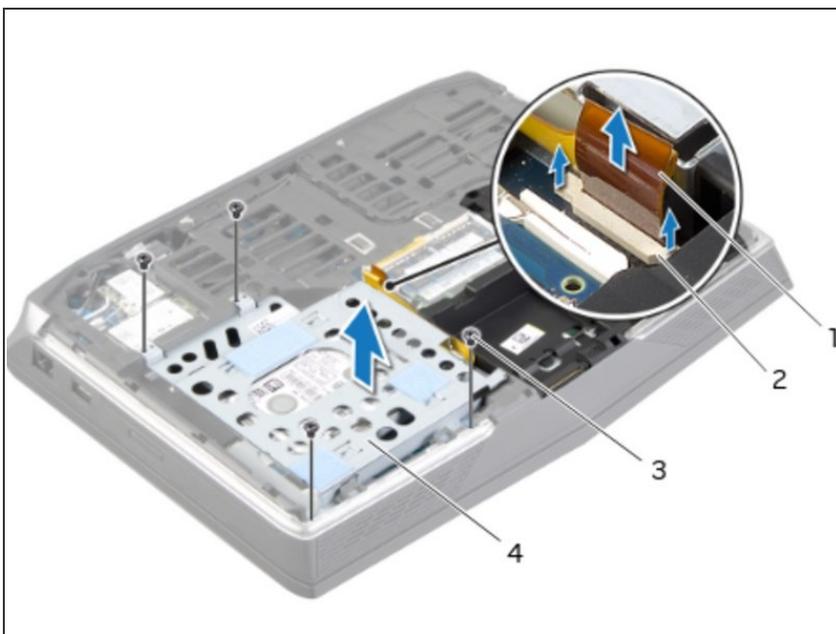## Step 29 — Align the Screw Hole

- Align the screw hole on the secondary hard-drive assembly with the screw hole on the main bracket.

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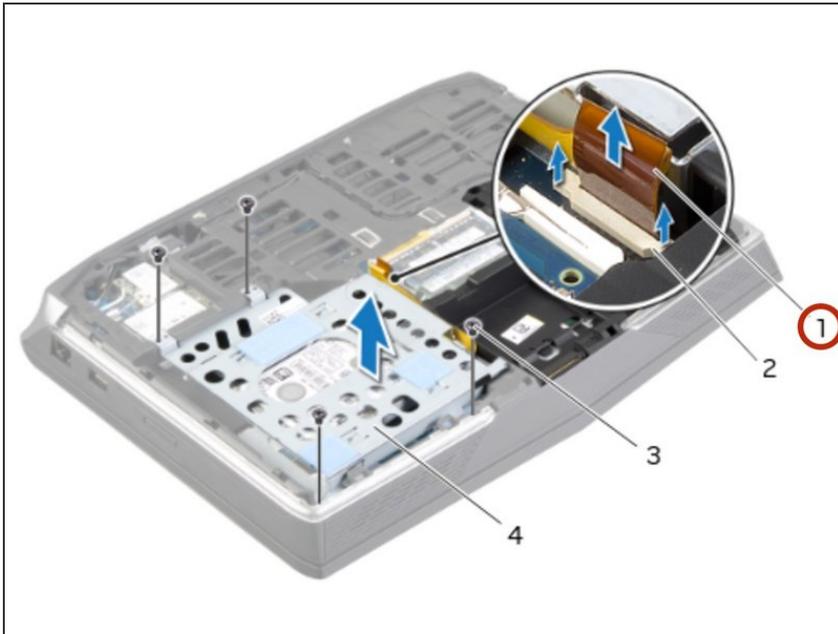
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Step 30 — Replace the Screw

- Replace the screw that secures the secondary hard-drive assembly to the main bracket.
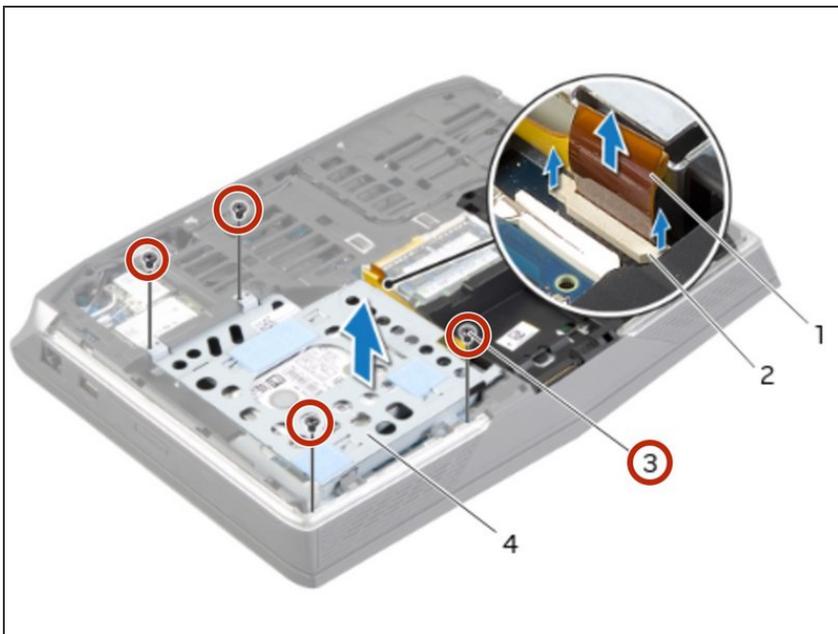
Step 31 — Turn the Hard-Drive Assembly Over

- Turn the secondary hard-drive assembly over.

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Step 32 — Slide the Hard-Drive Cable

- Slide the secondary hard-drive cable into the system-board connector and press down on the connector latches to secure the cable.

Step 33 — Align the Screw Holes

- Align the screw holes on the secondary hard-drive assembly with the screw holes on the computer base.

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Step 34 — Replace the Screws

- Replace the screws that secure the secondary hard-drive assembly to the computer base.

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