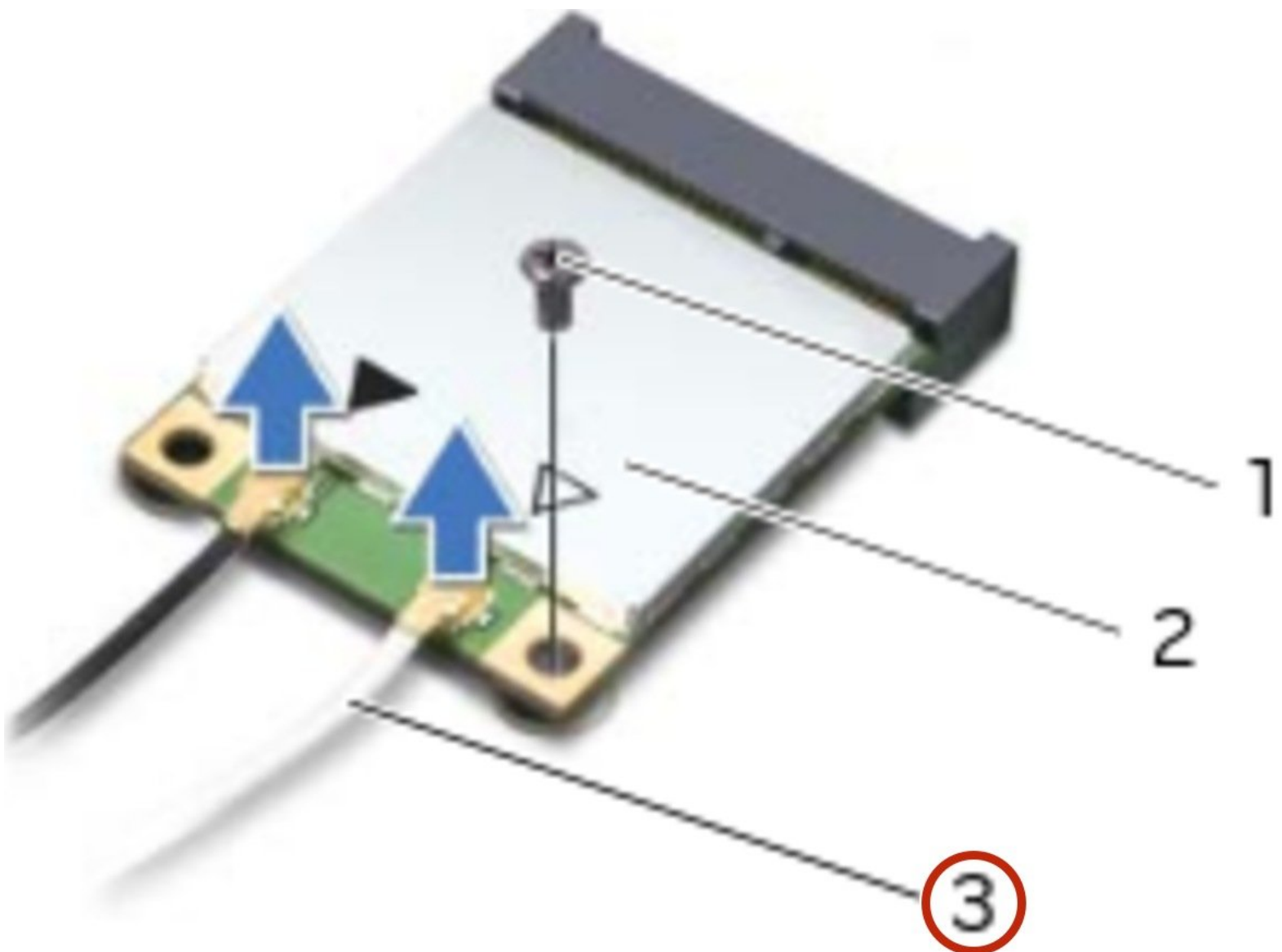# Dell Alienware 14 Wireless Mini-Card Replacement

Follow this guide to remove and replace the wireless card for the Dell Alienware 14.
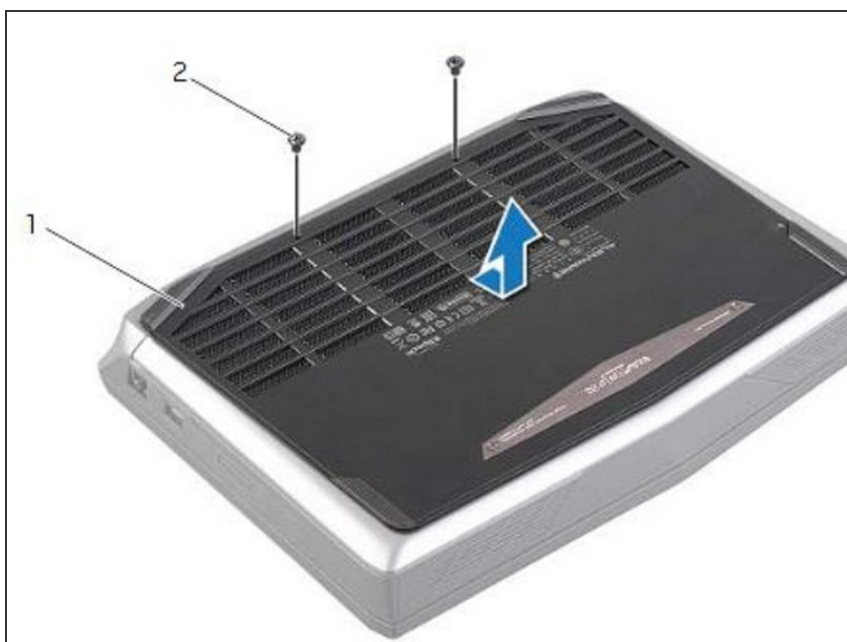
Written By: Terrence15

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INTRODUCTION

in this guide, we will be showing you how to remove and replace the Wireless Mini-Card.
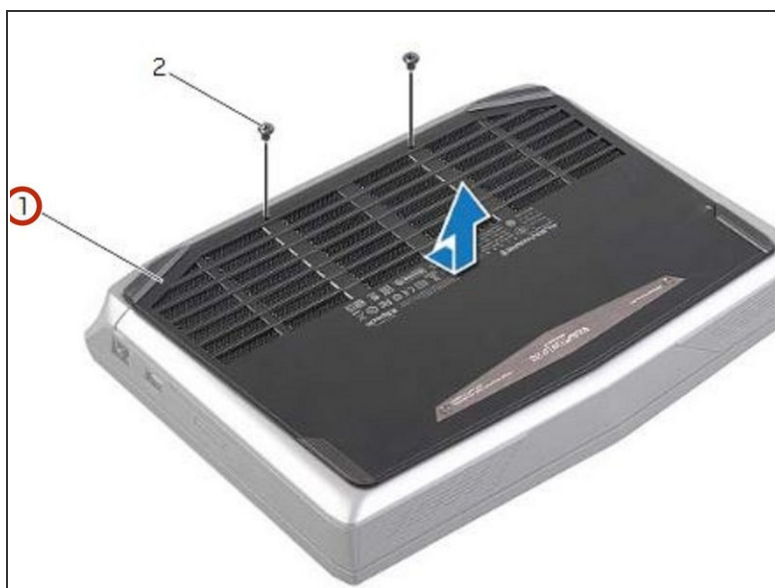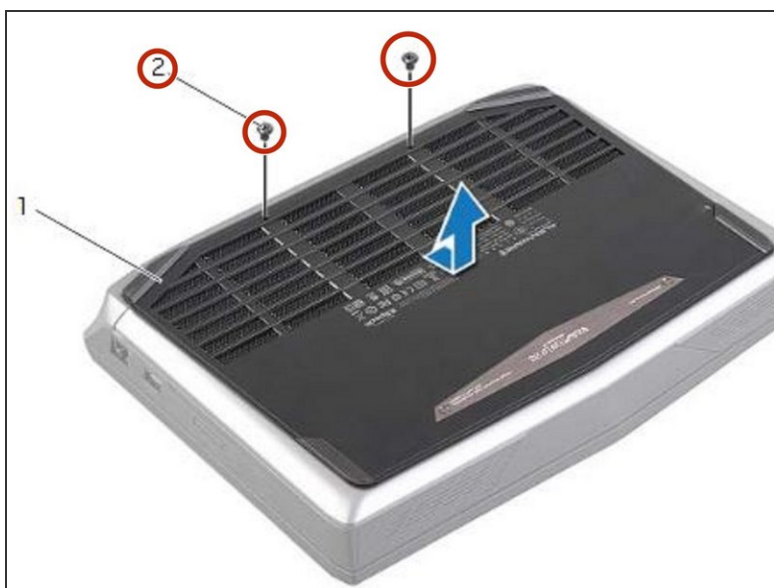
🔧 TOOLS:

- 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".
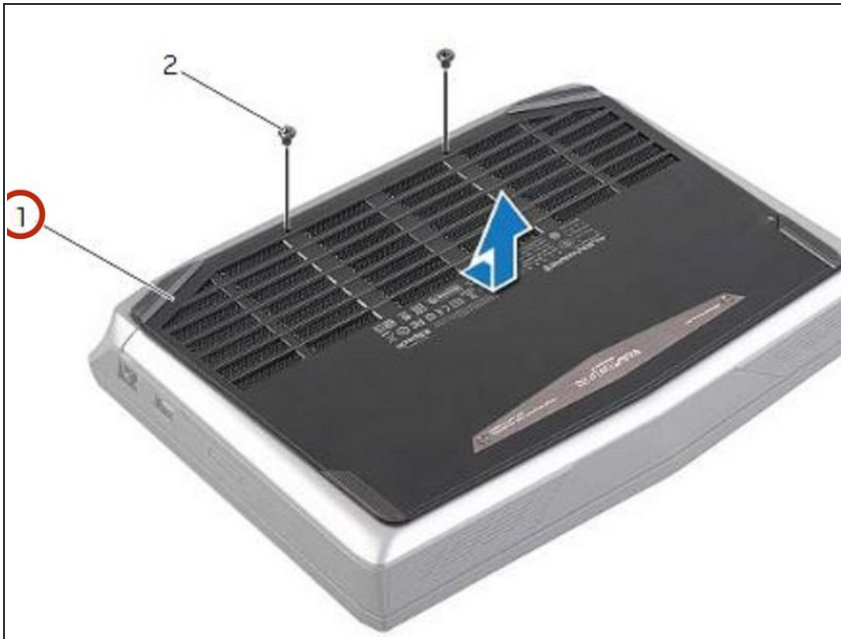
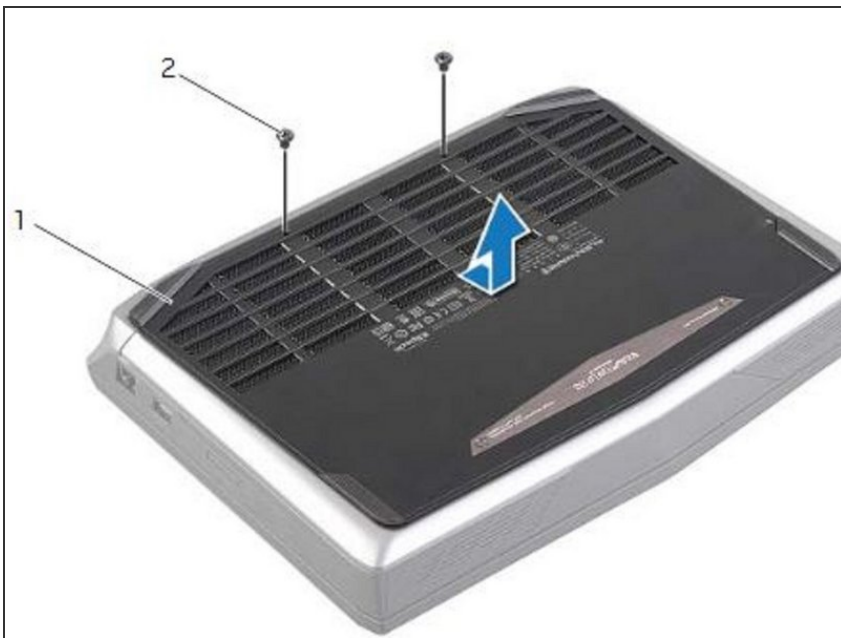● Close the display, and turn the computer over.

Step 2 — Remove the Screws

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

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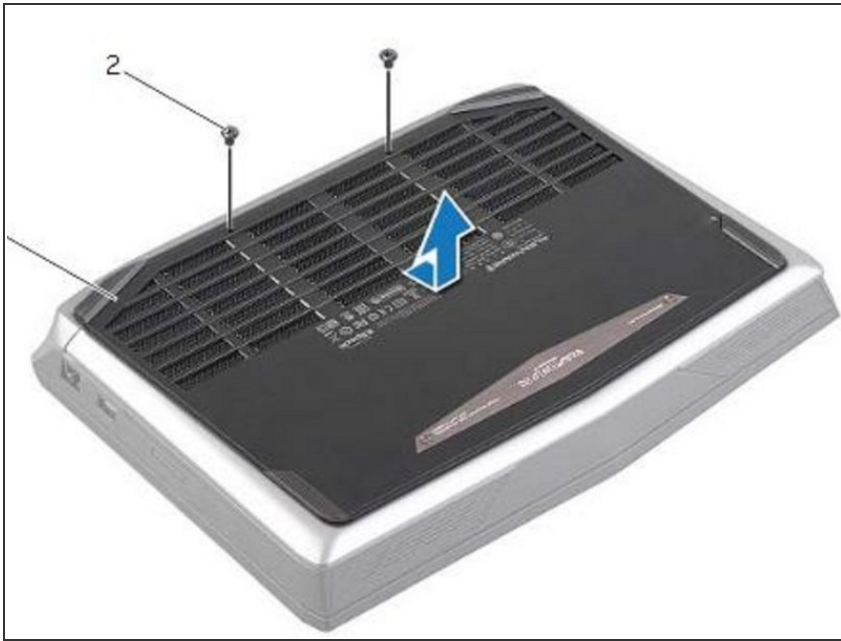
Step 3 — Slide and Lift the Base Cover

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

Step 4 — Align the Tabs

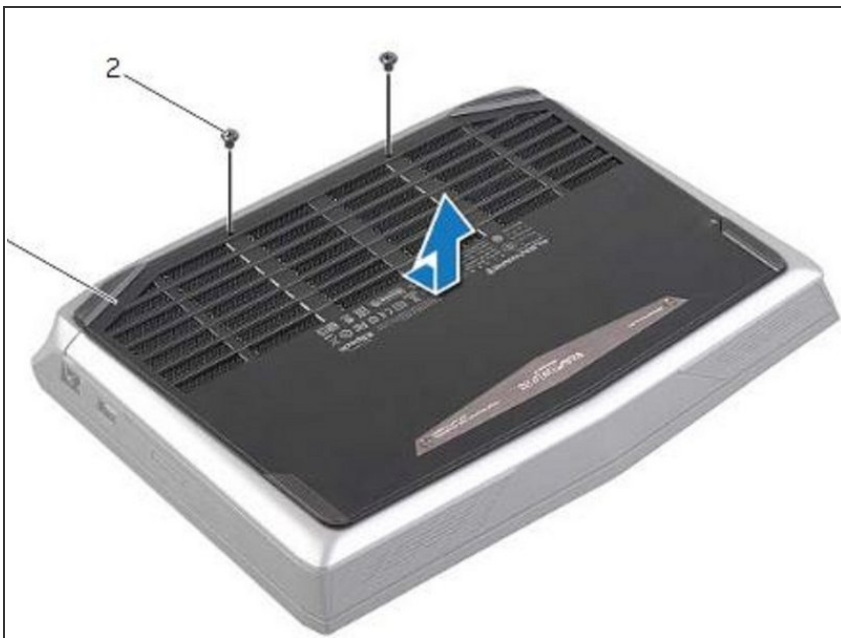● Align the tabs on the **NEW** base cover with the slots on the computer base and slide the base cover into place.

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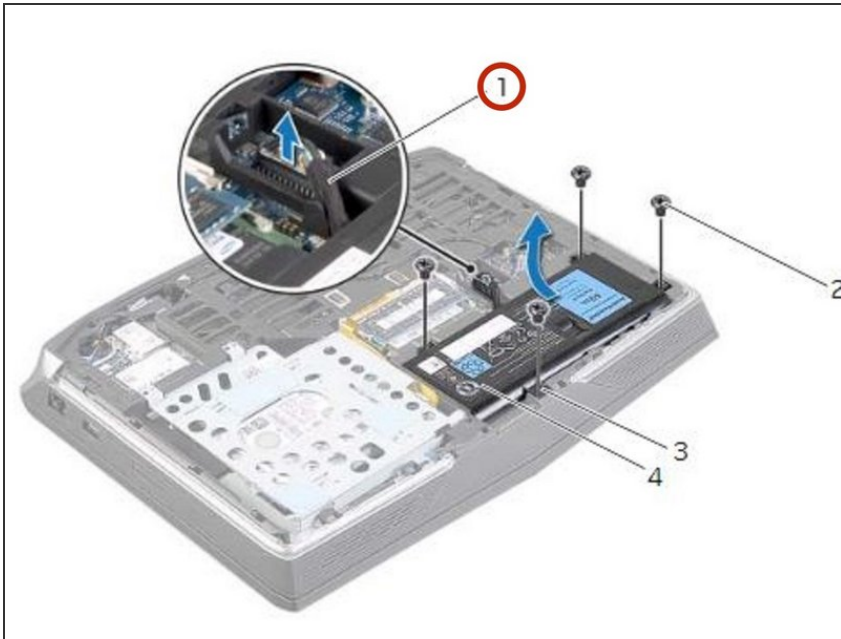## Step 5 — Replace the Screws

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

Step 6 — Turn the Computer Over

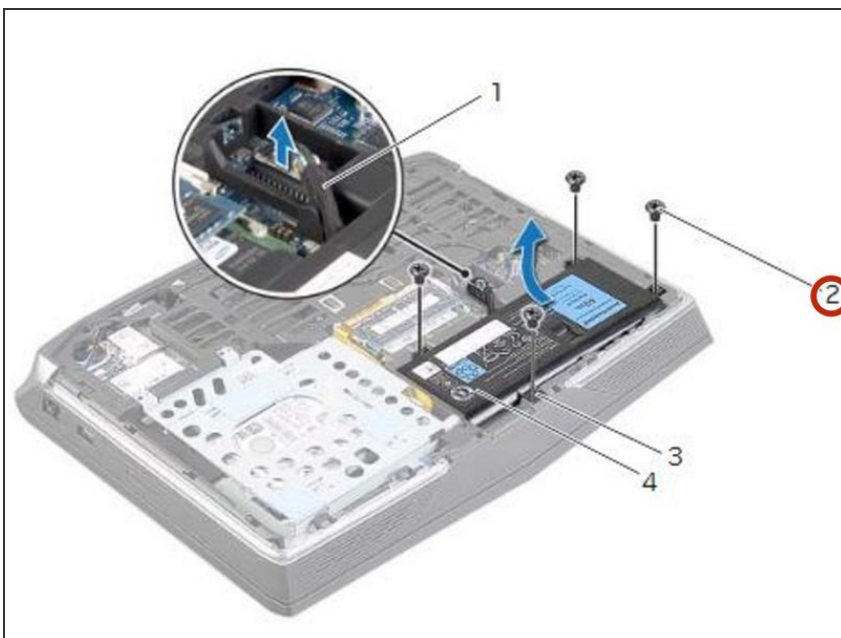- Turn the computer over and open the display.

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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.

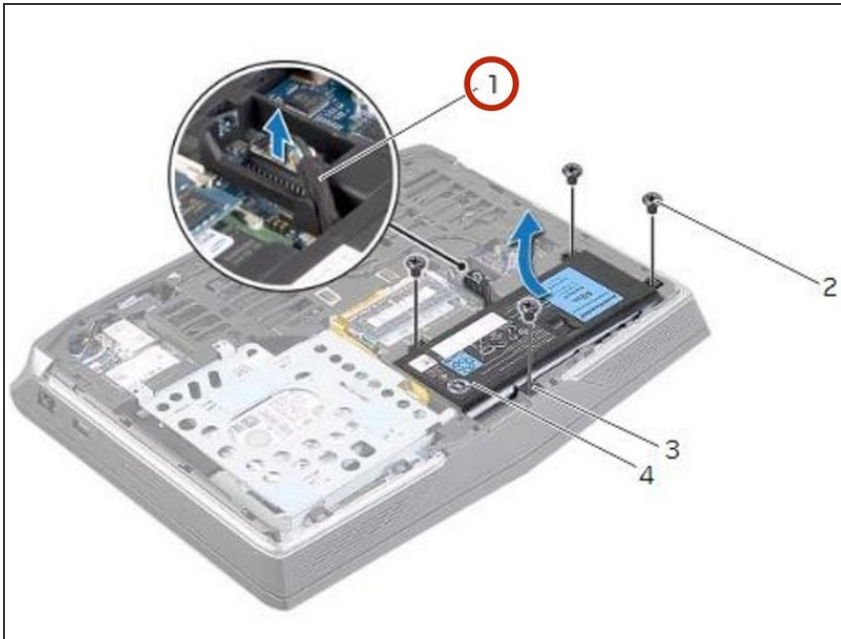## Step 8 — Remove the Screws

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

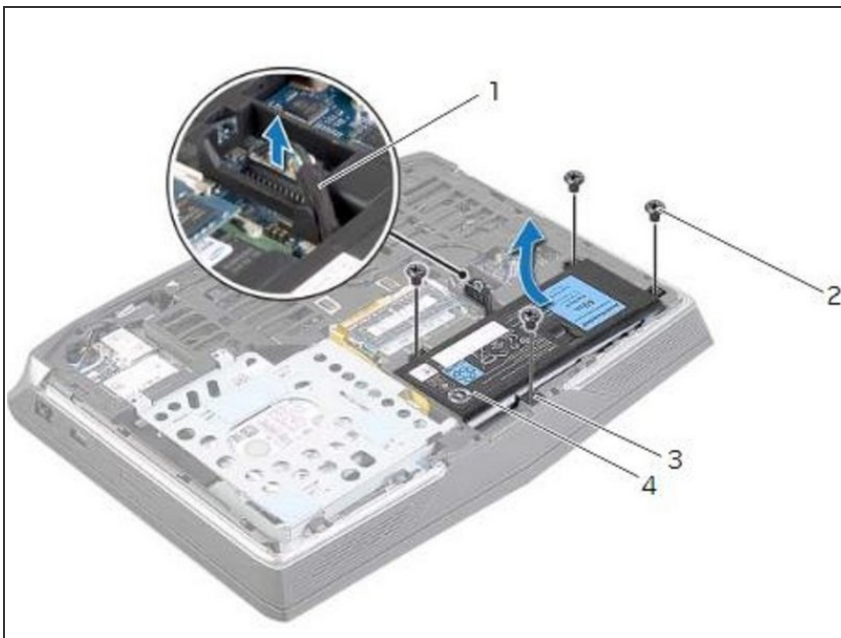This document was generated on 2021-02-02 08:21:59 AM (MST).
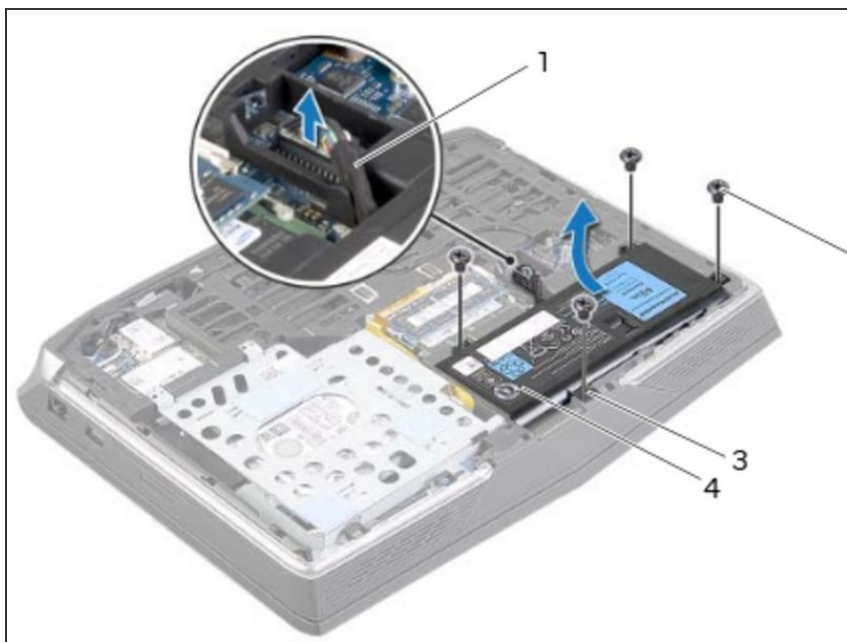
Step 9 — Using the Battery Cable

- 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

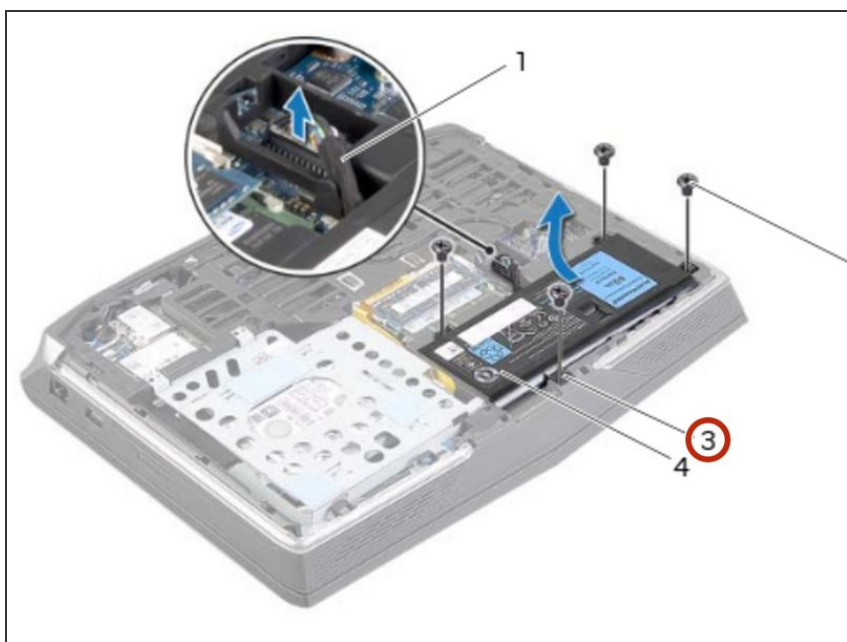- Press and hold the power button for five seconds to ground the system board.

Step 12 — Close the Display

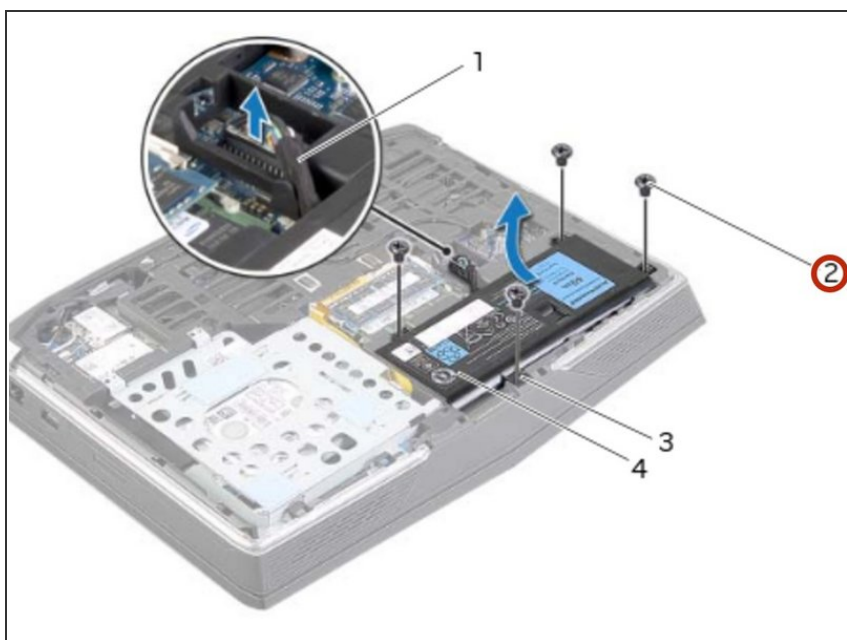- Close the display and turn the computer over.
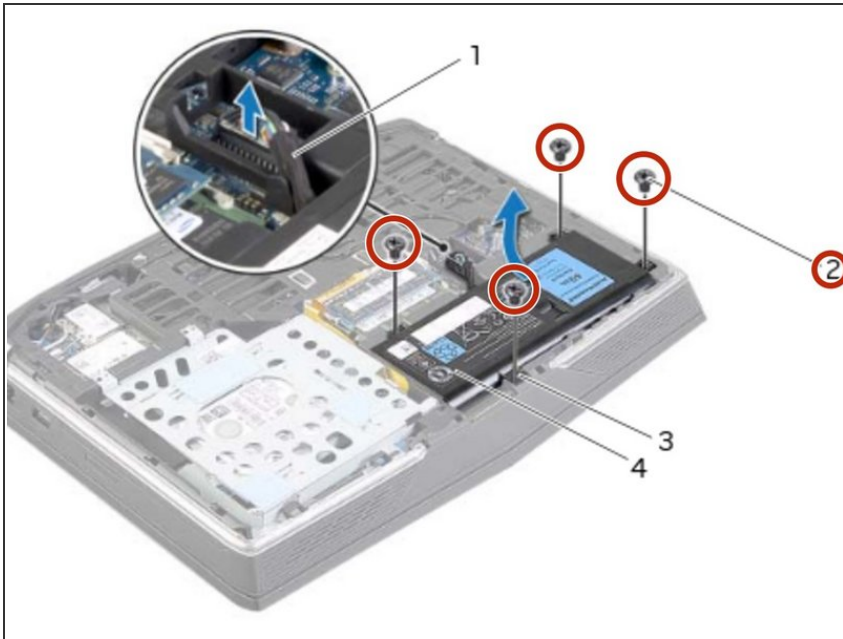
Step 13 — Align the Tabs

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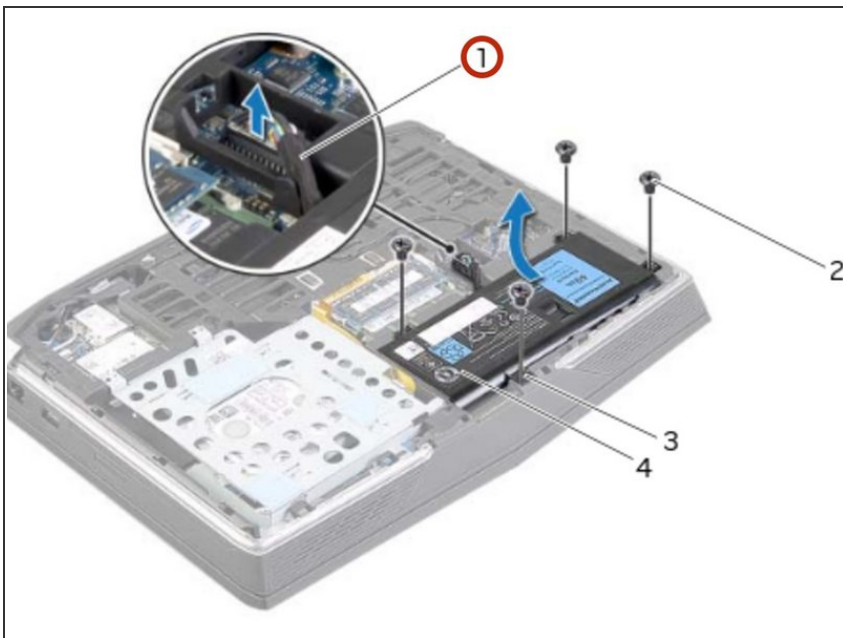
Step 14 — Align the Screw Holes

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

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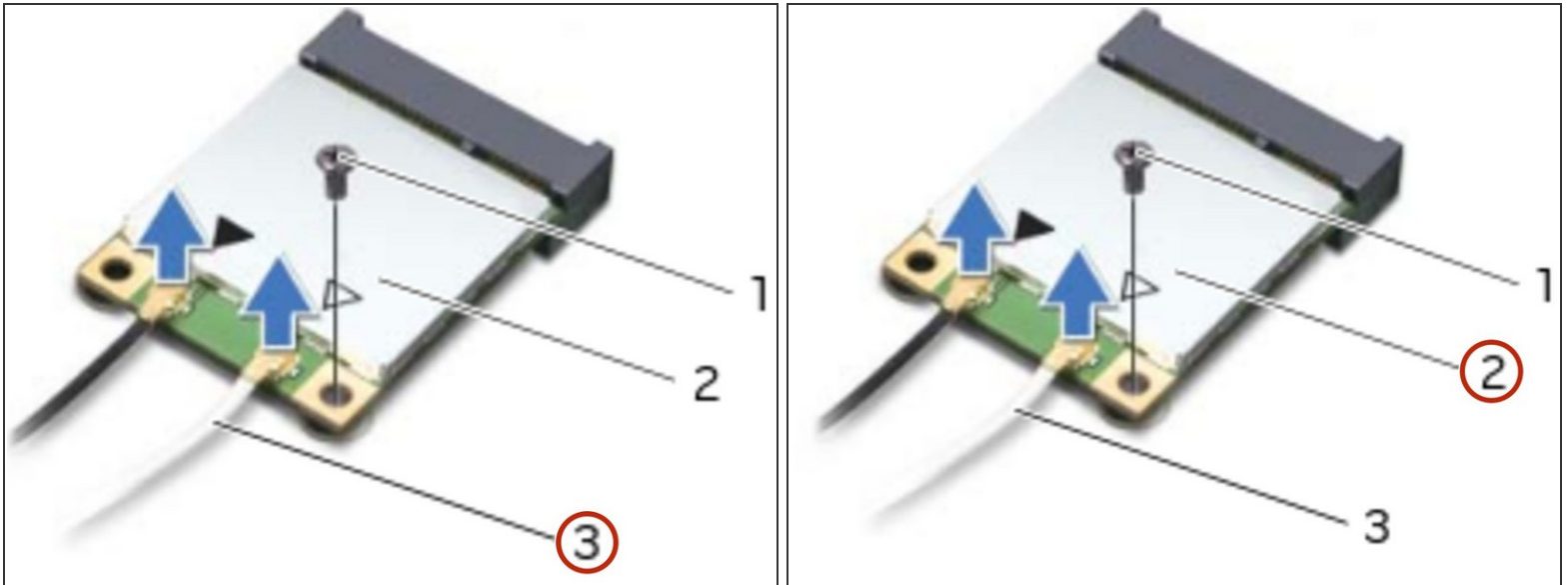
Step 15 — Replace the Screws

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

Step 16 — Connect the Battery Cable

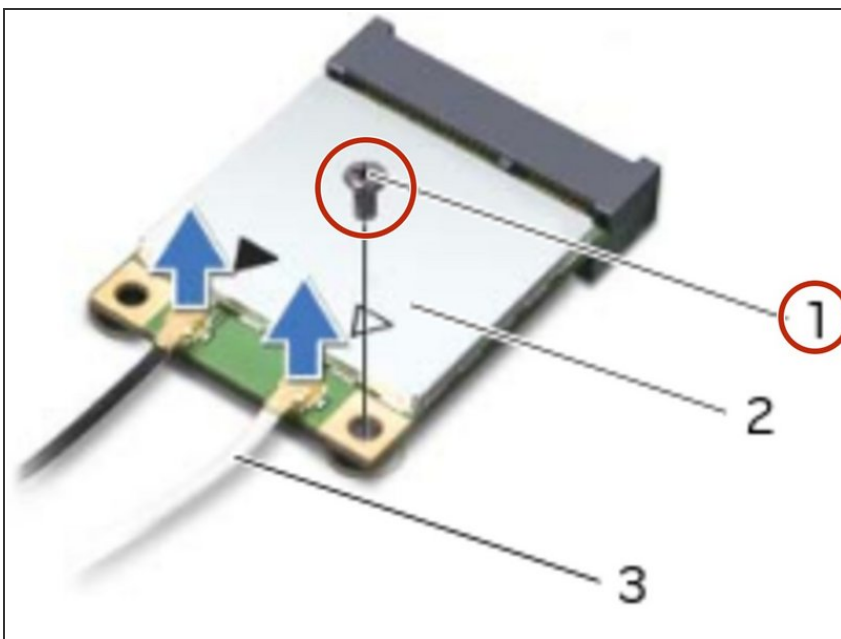- Connect the battery cable to the system-board connector.

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Step 17 — Disconnect the Antenna Cables

⚠ 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]().
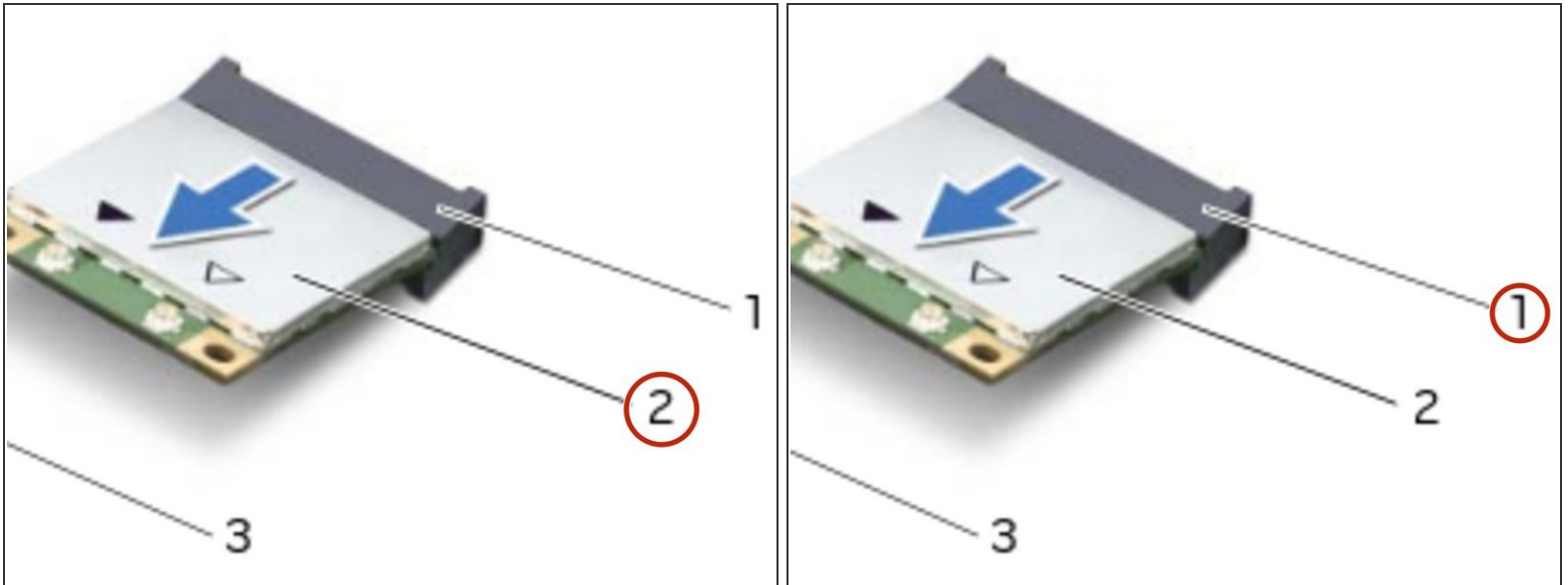
- Disconnect the antenna cables from the wireless mini-card.

Step 18 — Remove the Screw

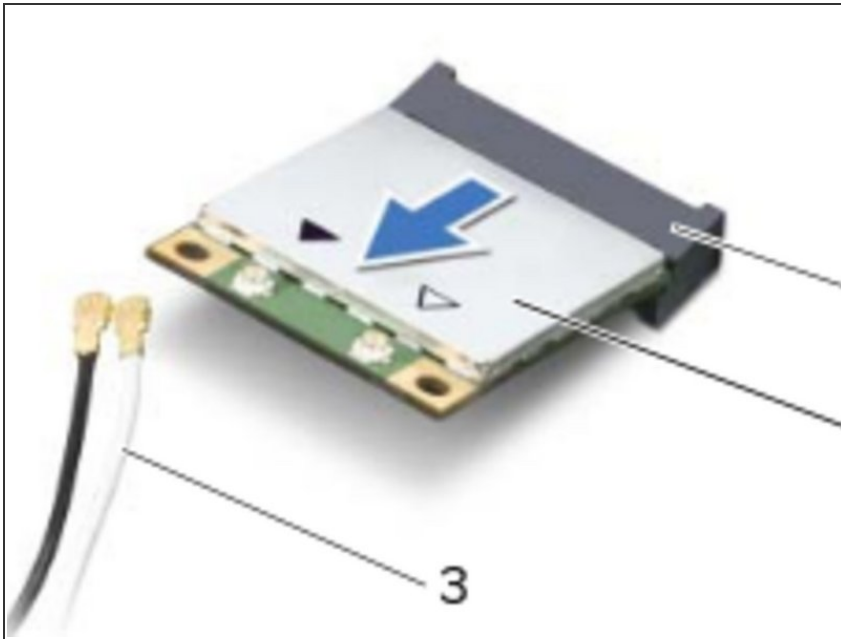- Remove the screw that secures the wireless mini-card to the system board.

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Step 19 — Remove the Wireless-Mini Card

- Slide and remove the wireless-mini card from the system-board connector.
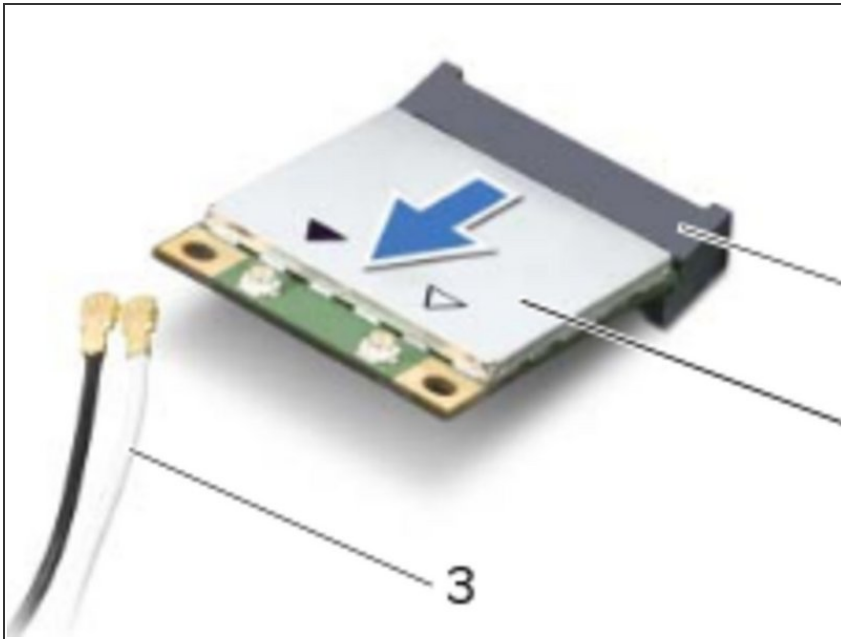
Step 20 — Align the Notch

- Align the notch on the **NEW** wireless mini-card with the tab on the system-board connector.

- ⚠ CAUTION: Use firm and even pressure to slide the wireless mini-card into place. If you use excessive force, you may damage the connector.

- ⚠ CAUTION: The connectors are keyed to ensure correct insertion. If you feel resistance, check the connectors on the wireless mini-card and on the system-board connector, and realign the wireless mini-card.

- ⚠ CAUTION: To avoid damage to the wireless mini-card, never place cables under the wireless mini-card.
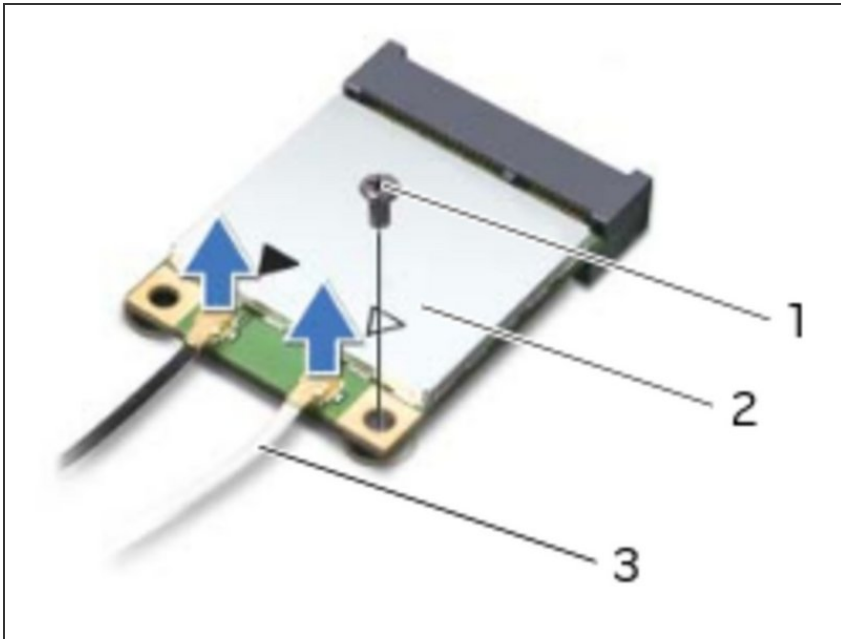
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Step 21 — Inserting the Wireless Mini-Card

- Insert the wireless mini-card at a 45-degree angle into the system-board connector.
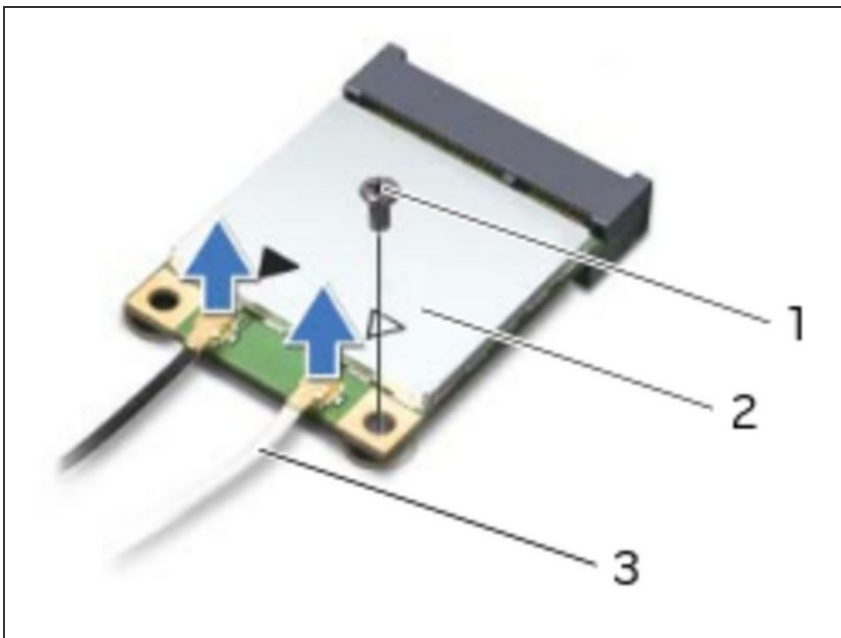
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Step 22 — Securing the Wireless Mini-Card

- Press the other end of the wireless mini-card down into the slot on the system board and replace the screw that secures the wireless mini-card to the system board.

Step 23 — Connect the Antenna Cables

- Connect the antenna cables to the connectors on the wireless mini-card.

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

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