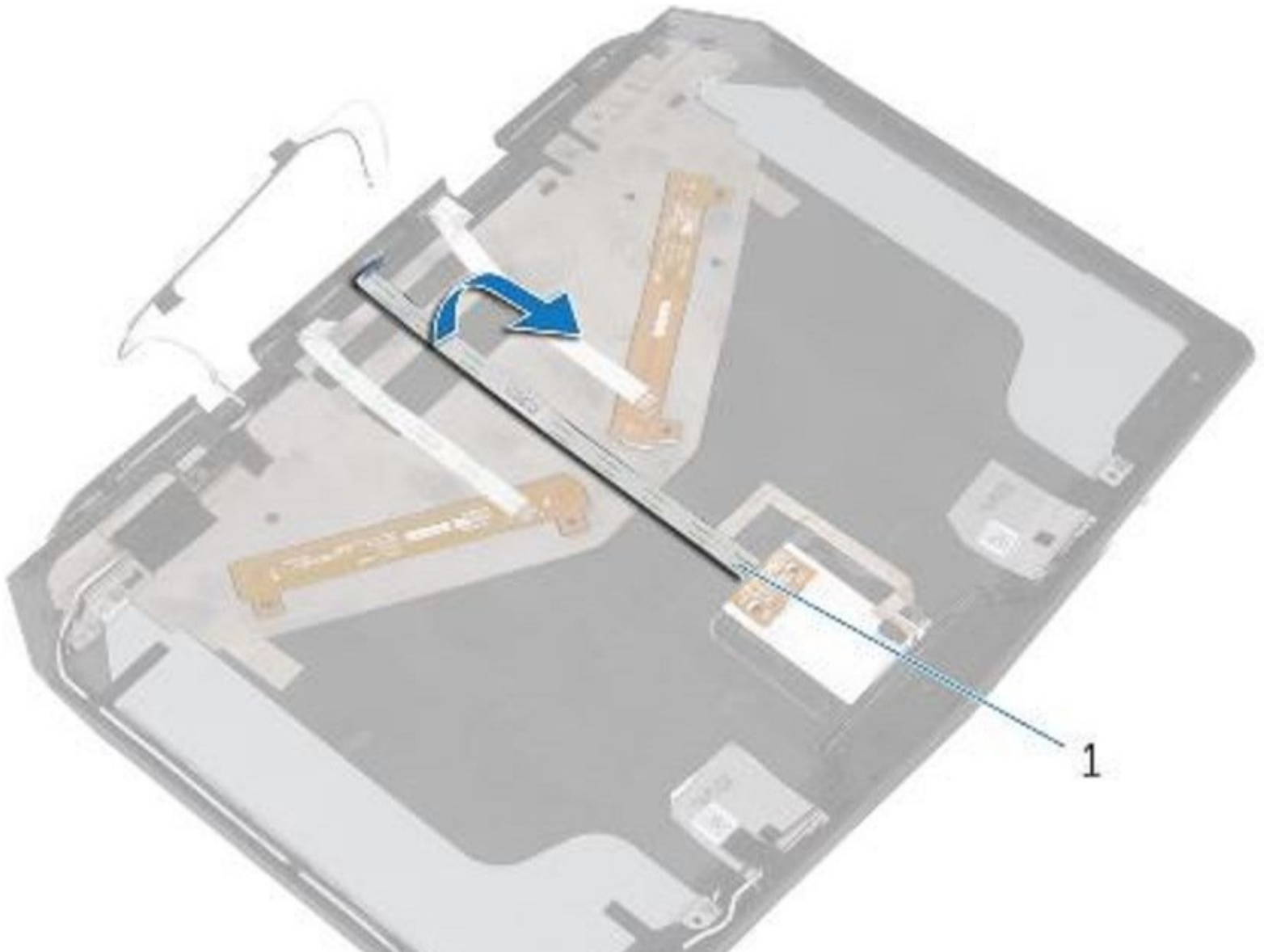# Dell Alienware 13 Display Back-Cover Replacement

Dell Alienware 13 Display Back-Cover Replacement

Written By: Terrence15

www.iFixit.com

INTRODUCTION

In this guide, we will show you how to remove and replace the Display Back-Cover.

🔧 TOOLS:

- [Heavy-Duty Spudger](#) (1)
- [Phillips #1 Screwdriver](#) (1)

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Step 1 — Base Panel

⚠️ Working on an electrical device while plugged in can cause injury due to electrical shock. Ensure that all external power is disconnected from the device.
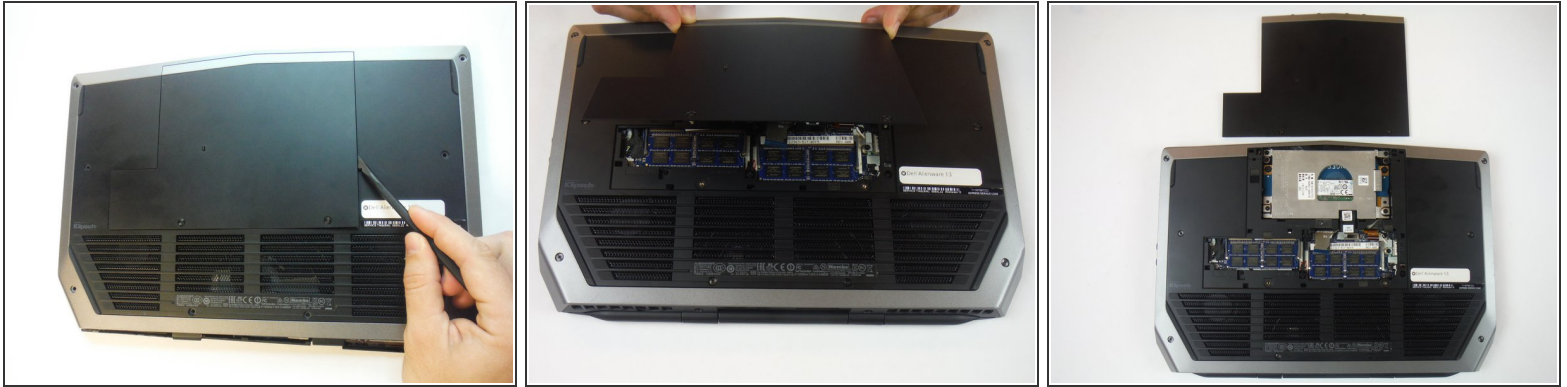
● Close the device and turn the device over.

Step 2

● Remove (2) 5 mm Phillips head screws attaching the small access panel to the base using a Phillips # 1 screwdriver.

ⓘ The (2) screws are attached to the base panel with retaining clips and won't completely detach from the panel.

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Step 3

- Remove the small access panel using a heavy duty spudger.

Step 4 — Caution

⚠ CAUTION: Solid-state drives are fragile. Exercise care when handling the hard drive.

⚠ CAUTION: To avoid data loss, do not remove the solid-state drive while the computer is in sleep or on state.

Step 5 — Pull Tab

- Using the pull tab, pivot the solid-state drive bracket and peel off the bracket from the tabs on the computer base.
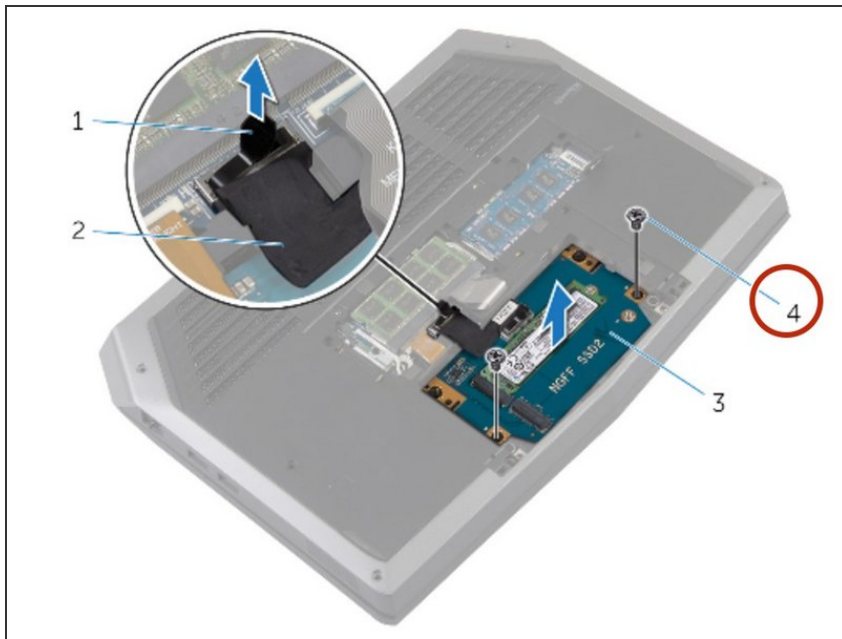
Step 6 — Disconnecting the State Drive

- Using the pull tab, disconnect the solid-state drive cable from the system board.

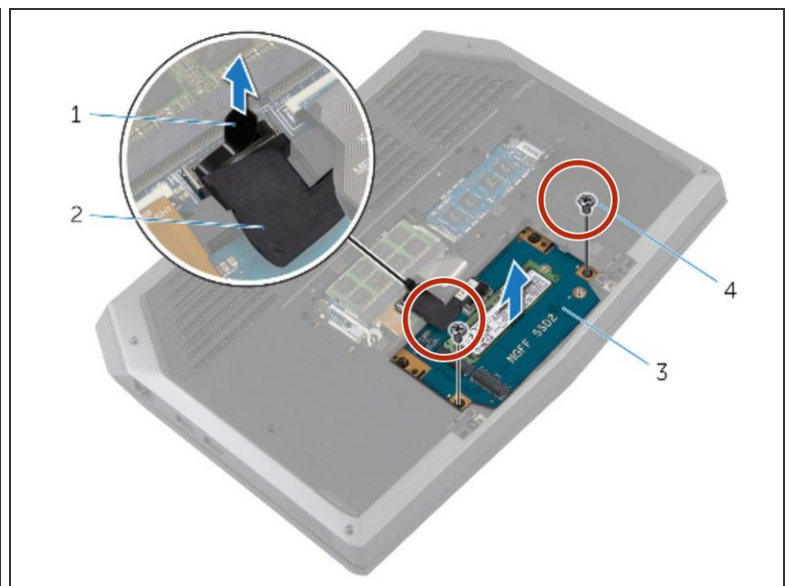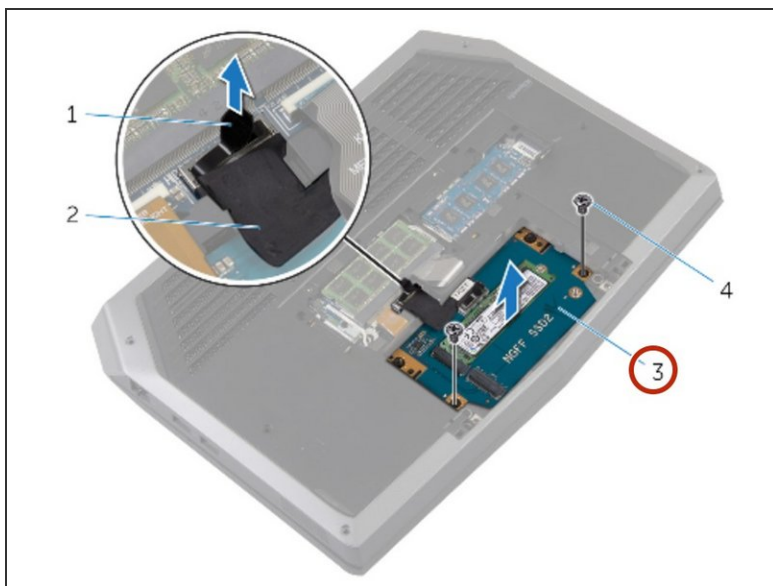This document was generated on 2020-12-13 08:26:15 AM (MST).
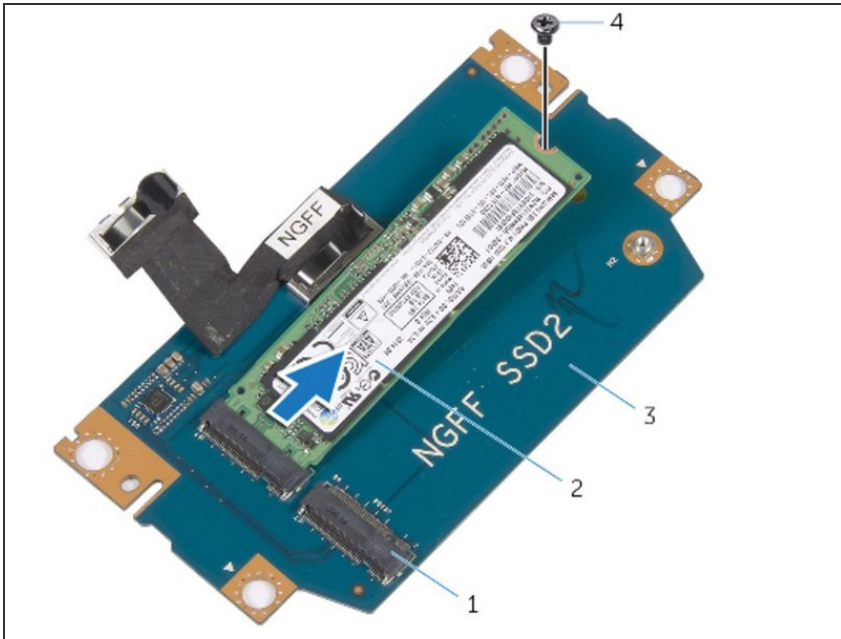
Step 7 — Remove Screws

- Remove the screws that secure the solid-state drive assembly to the computer base.
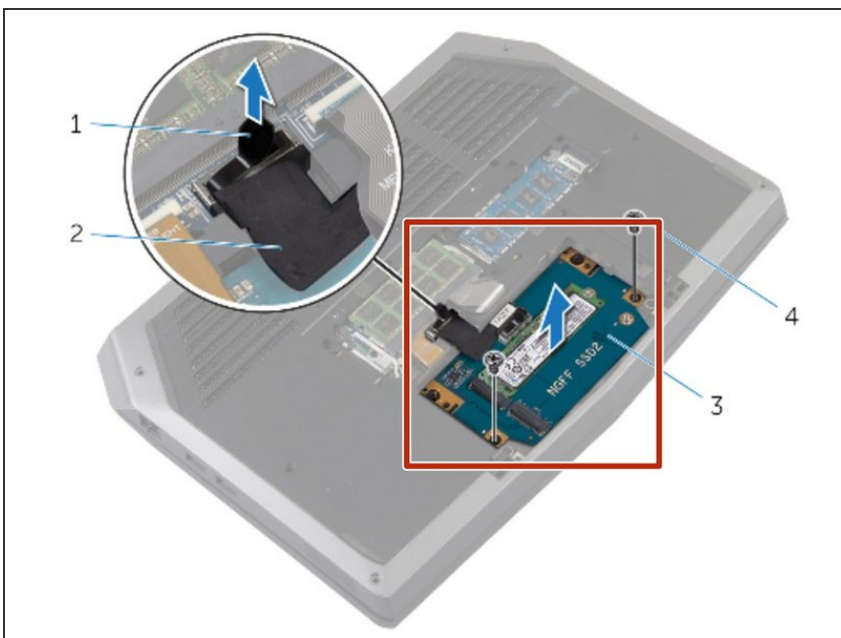
Step 8 — Solid-State Drive Assembly Lift

- Lift the solid-state drive assembly off the computer base.

- Make sure the screws are off the solid-state assembly.

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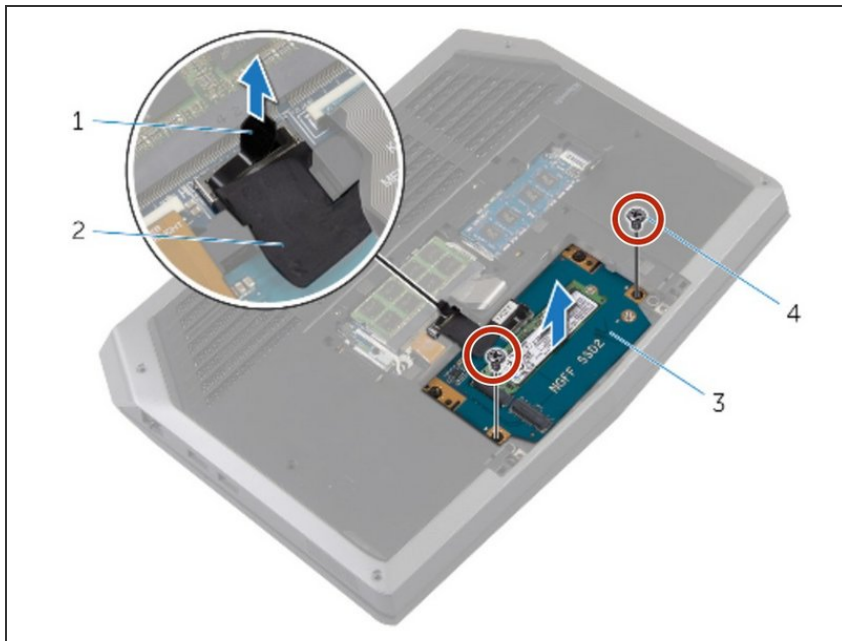
Step 9 — Slide and Lift

● Slide and lift the solid-state drive off the solid-state assembly.
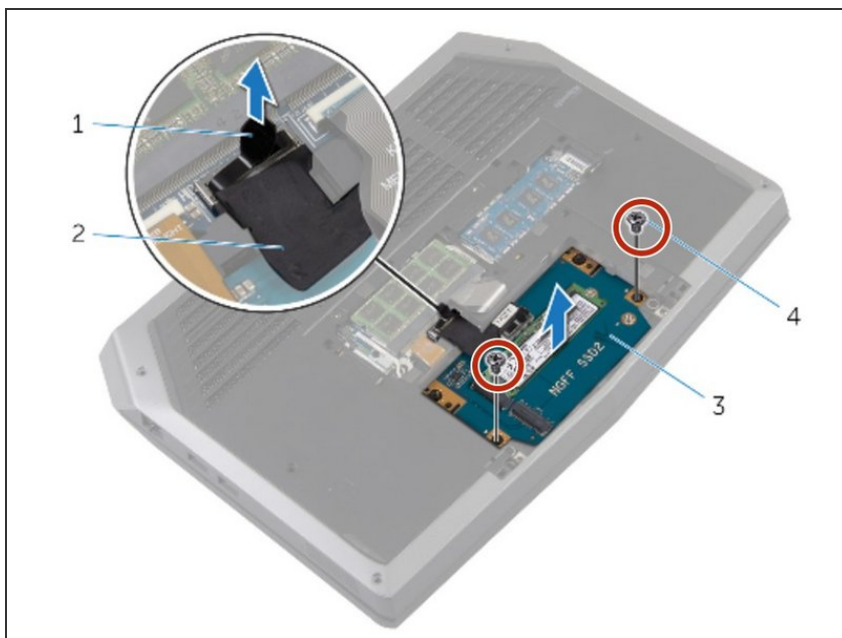
Step 10 — Replacing the Solid-State Drive

⚠ CAUTION: Solid-state drives are fragile. Exercise care when handling the hard drive.

● Slide the new solid-state drive into the solid-state drive assembly.

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Step 11 — Replace the Screw

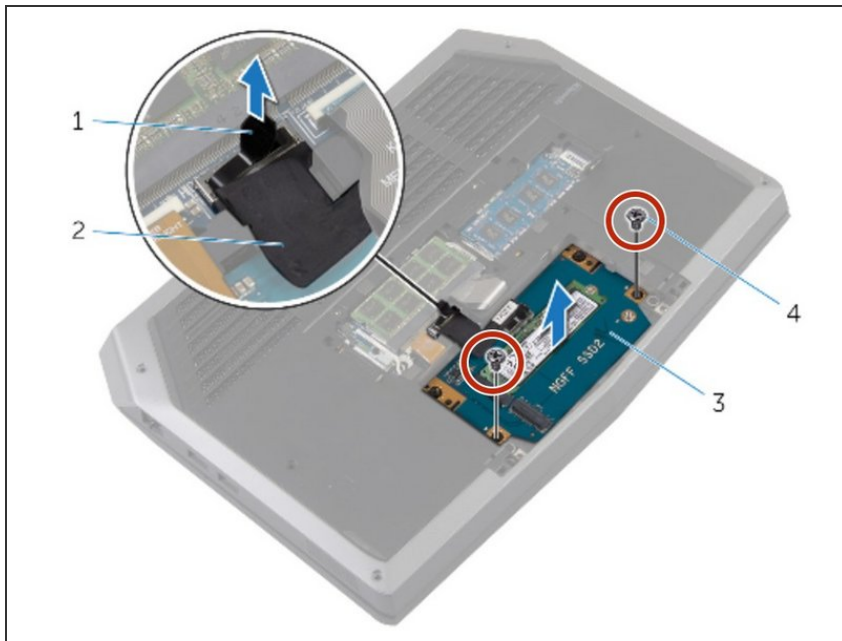- Replace the screw that secures the solid-state drive assembly with the screw holes on the computer base.

Step 12 — Screw Align

- Align the screw holes on the solid-state drive assembly with the screw holes on the computer base.
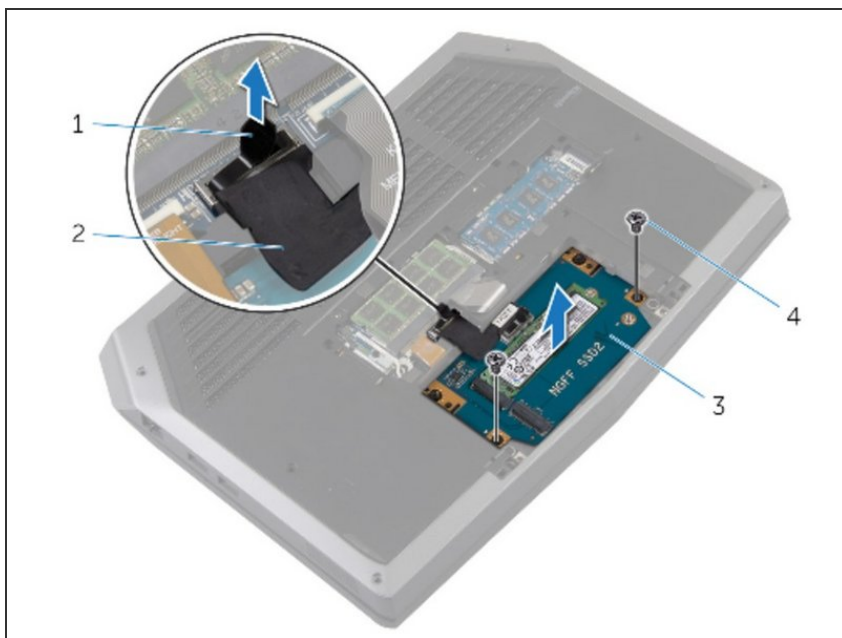
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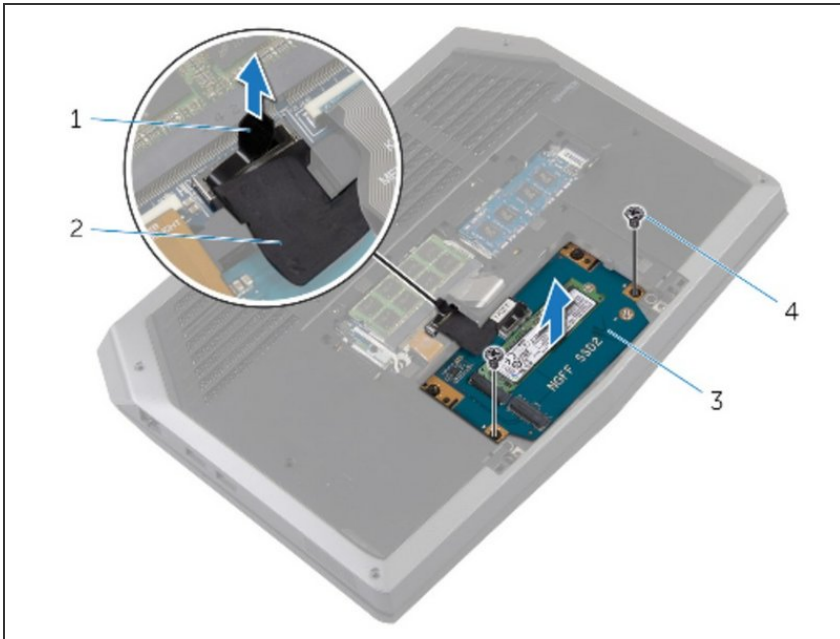
Step 13 — Screw Replacement

● Replace the screws that secure the solid-state drive assembly to the computer base.
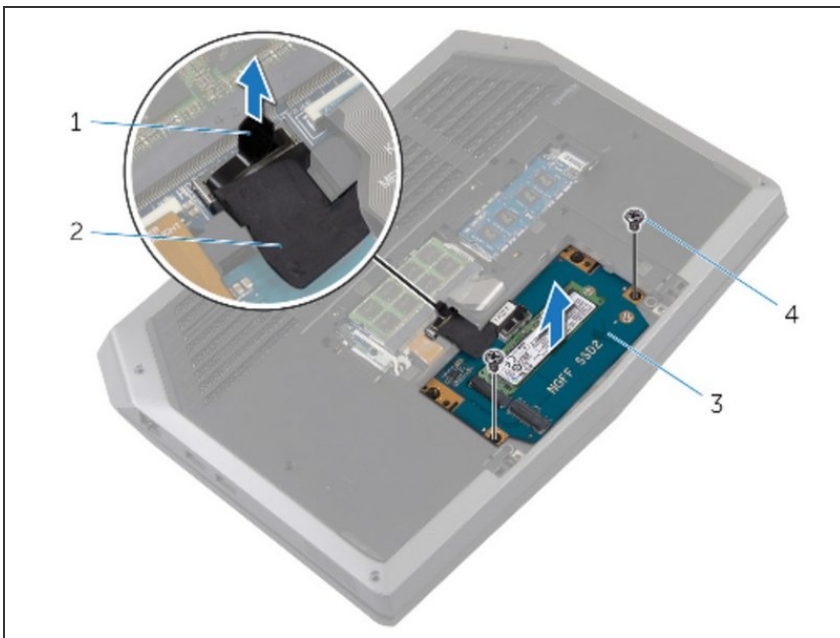
Step 14 — Connecting the Drive

● Connect the solid-state drive cable to the system board.

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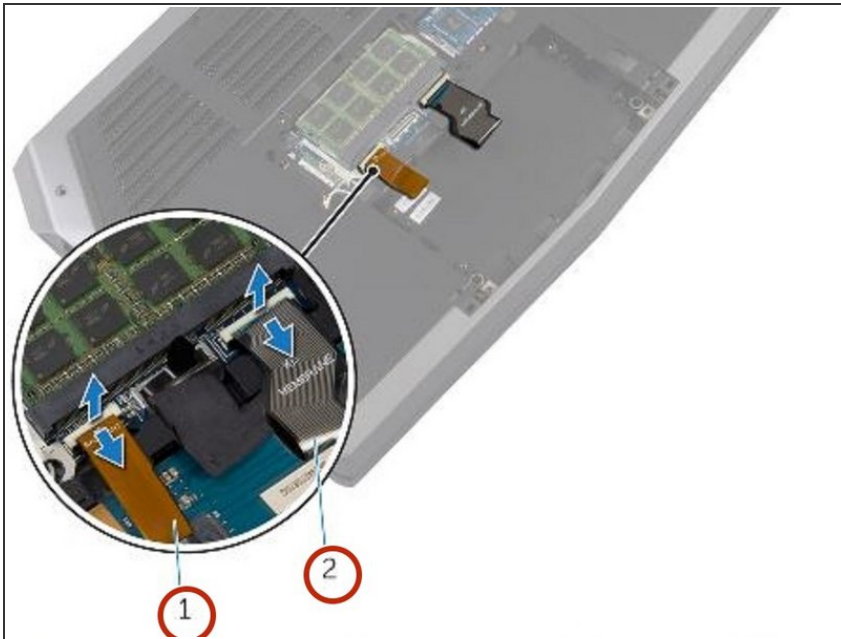
Step 15 — Aligning Screws

● Align the screws on the solid-state drive bracket with the screw holes on the solid-state drive assembly.

Step 16 — Replacing Screws

● Replace the screws that secure the solid-state drive bracket to the solid-state drive assembly.

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Step 17 — Disconnecting the Keyboard

⚠ 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]().

- Lift the latches and disconnect the keyboard and keyboard-backlight cables from the system board

Step 18 — Removing the Screws
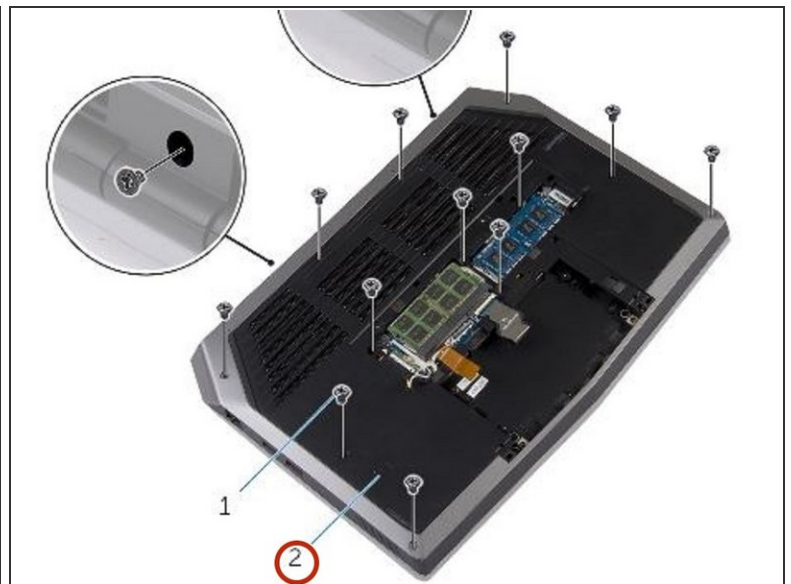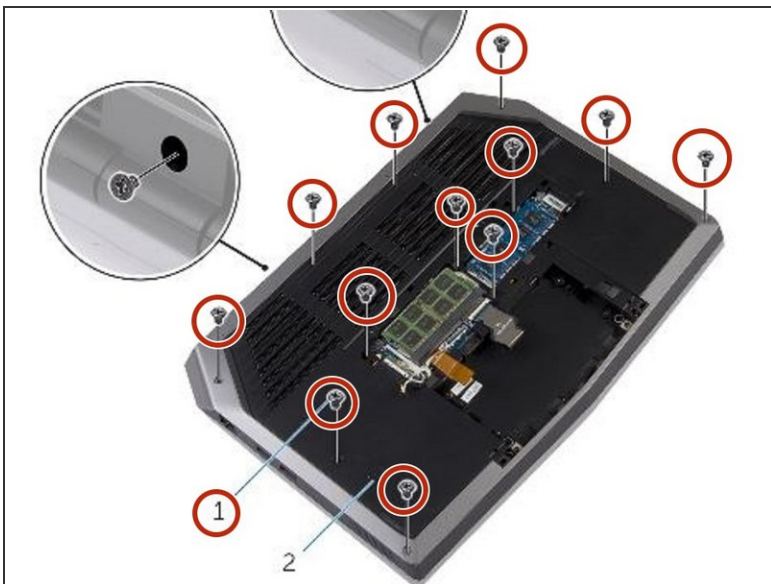
- Remove the screws that secure the palm-rest assembly to the computer base.

Step 19 — Popping out the Palm-Rest Assembly

● Lift the computer base slightly and push the release tabs on the palm-rest assembly until it pops out.

Step 20 — Turn the Computer Over

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

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Step 21 — Prying the Edges

- Using a plastic scribe, pry up along the edges of the palm-rest assembly.

Step 22 — Lifting the Palm-Rest Assembly

- Gently lift the palm-rest assembly and turn it over.

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Step 23 — Disconnecting the Power-Board Cable
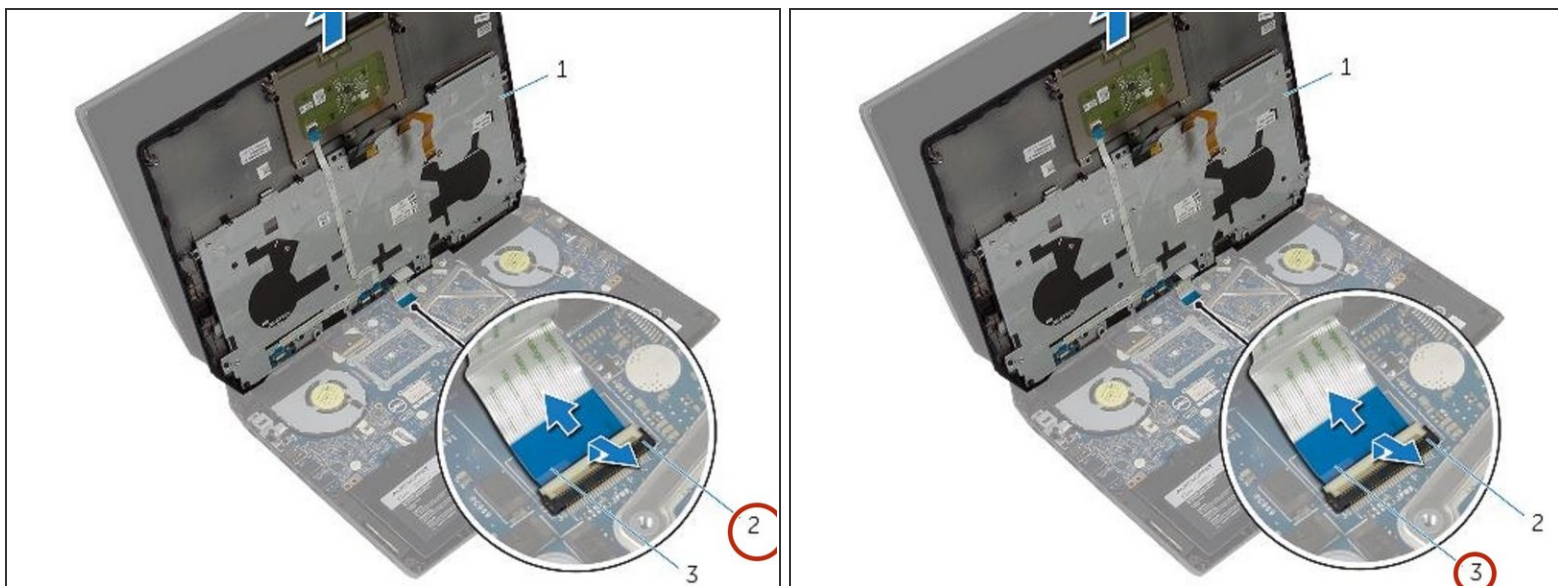
- Lift the connector latch and disconnect the power-button board cable from the system board.

Step 24 — Removing Parts

- Remove the Keyboard.

- Remove the power-button board.

- Remove the status-light board.

- Remove the touchpad.

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Step 25 — Replacement

- Replace the touchpad.

- Replace the status-light board.

- Replace the power-button board.

- Replace the keyboard.

Step 26 — Connecting the Power-Button Board Cable

- Connect the power-button board cable to the system board.

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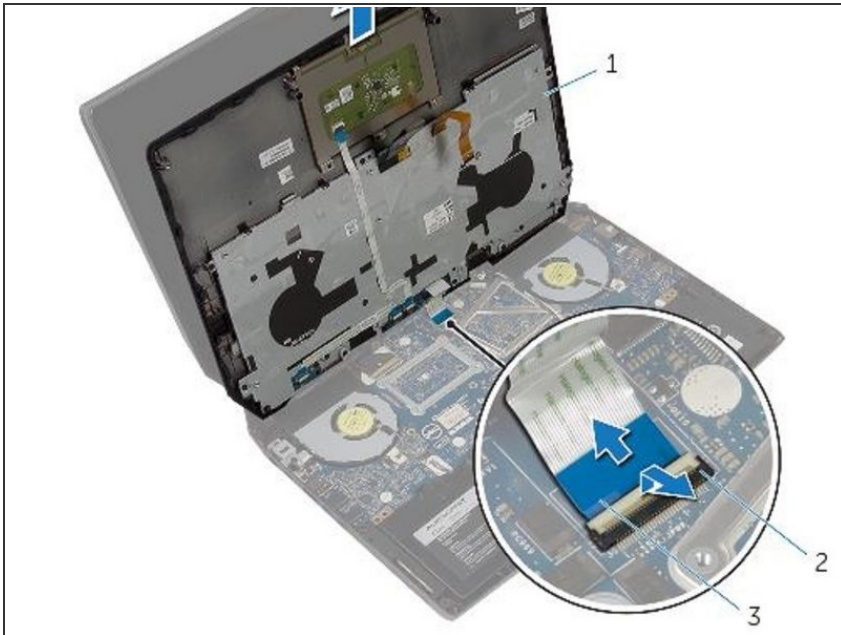
Step 27 — Aligning the Palm-Rest Assembly.

- Align the palm-rest assembly on the computer base and snap it into place.

Step 28 — Closing the Display and Turning Over the PC

- Close the display and turn the computer over.

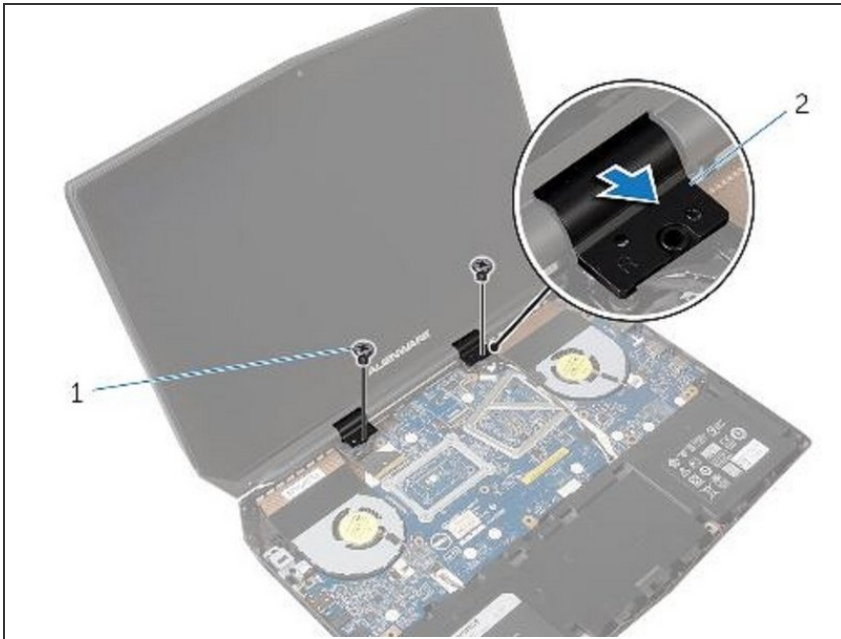This document was generated on 2020-12-13 08:26:15 AM (MST).

Step 29 — Replacing Screws

- Replace the screws that secure the palm-rest assembly to the computer base.

Step 30 — Connect the Keyboard Cable

- Connect the keyboard cable and the keyboard-backlight cable to the system board.
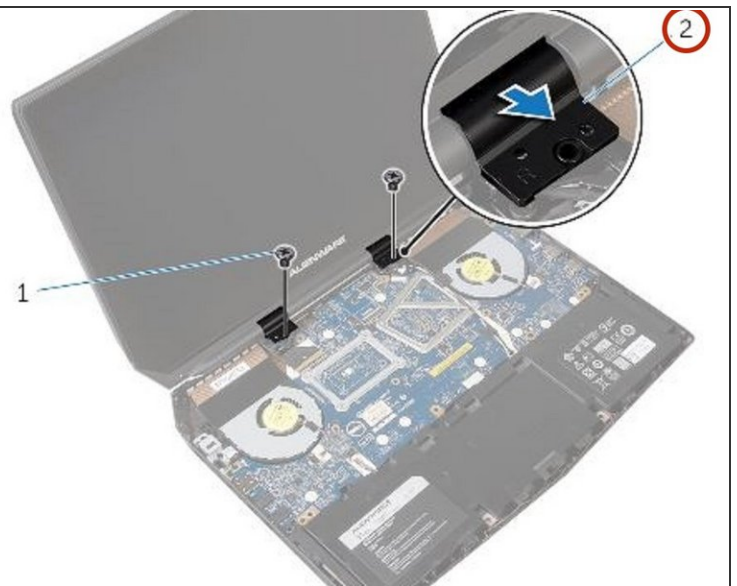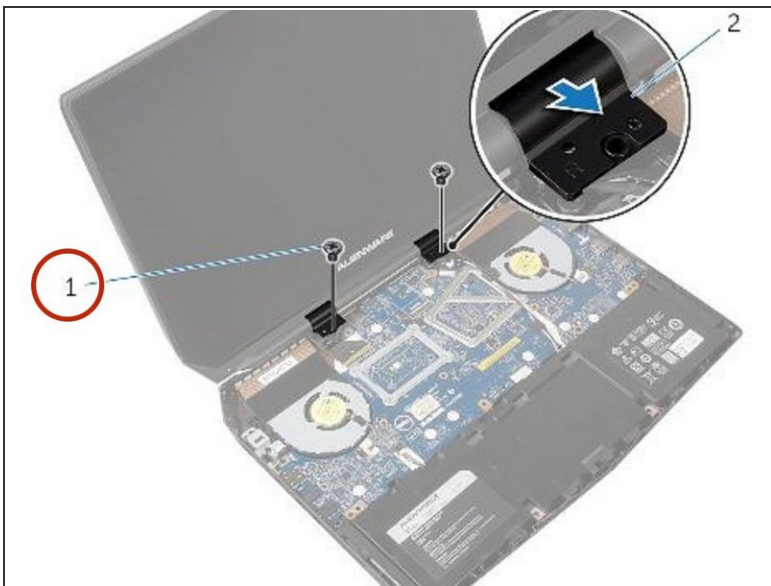
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Step 31 — Open the Display

⚠️ 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]().
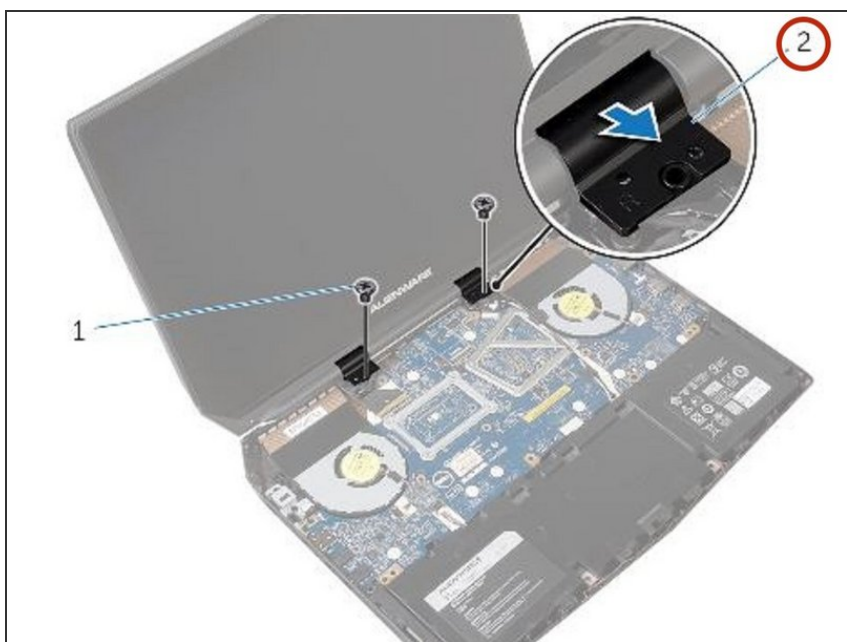
● Open the display as far as possible.

Step 32 — Removing the Screws

● Remove the screws that secure the hinge caps to the display hinges.

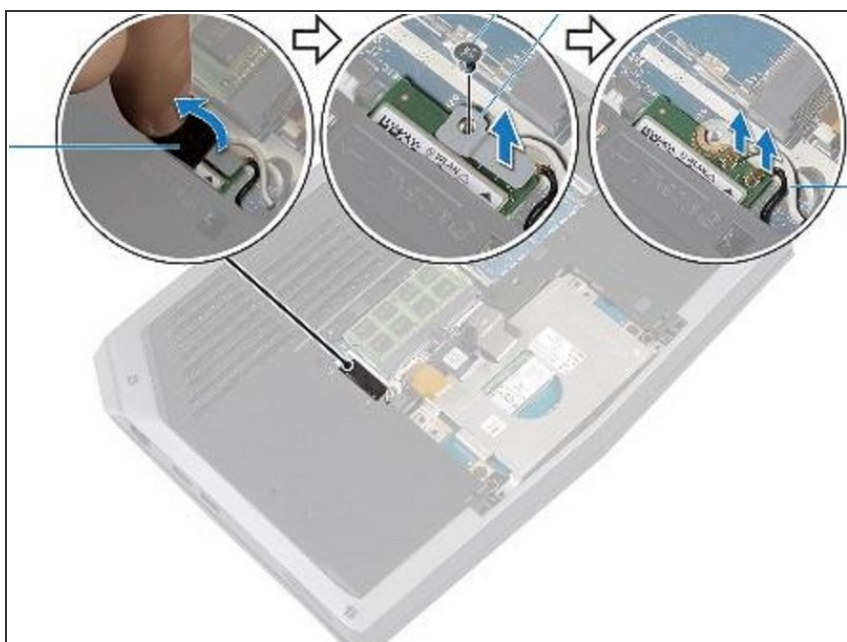This document was generated on 2020-12-13 08:26:15 AM (MST).

Step 33 — Lift the Hinge Caps
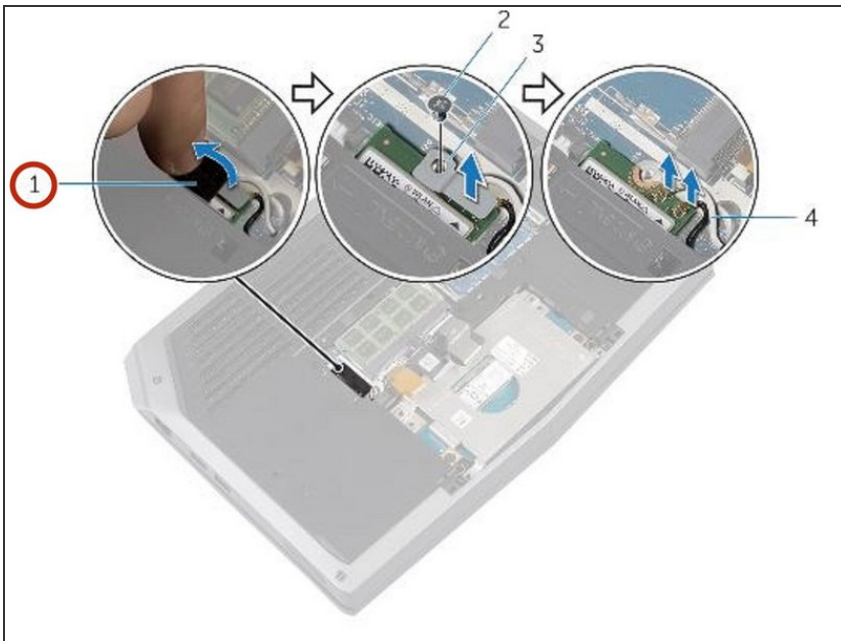

● Slide and lift the hinge caps off the display hinges.

Step 34 — Close the Display

● Close the display and turn the computer over.

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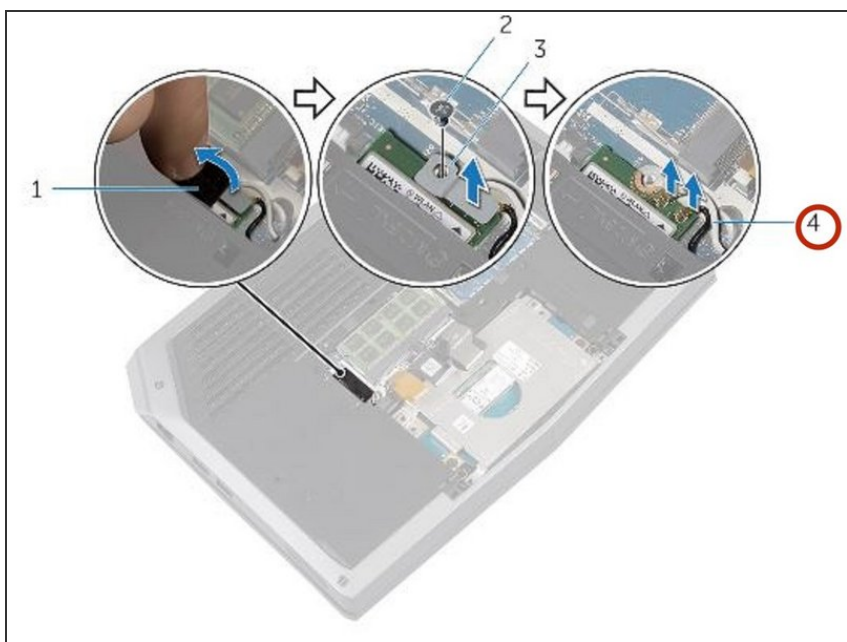## Step 35 — Peeling the Adhesive Tape

- Peel off the adhesive tape from the wireless card.

Step 36 — Remove the Screw

- Remove the screw that secures the wireless-card bracket to the wireless card.

This document was generated on 2020-12-13 08:26:15 AM (MST).
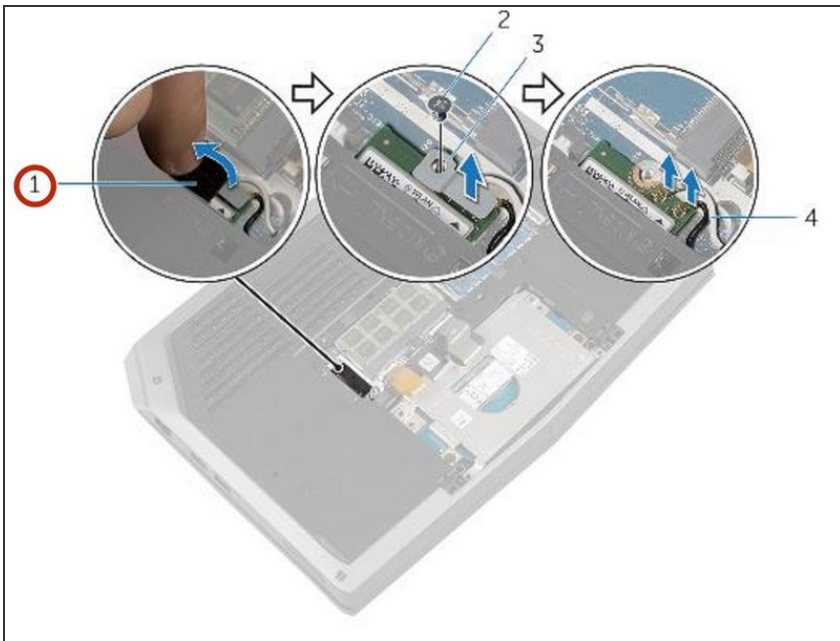
Step 37 — Disconnecting the Antenna Cables

- Disconnect the antenna cables from the wireless card.

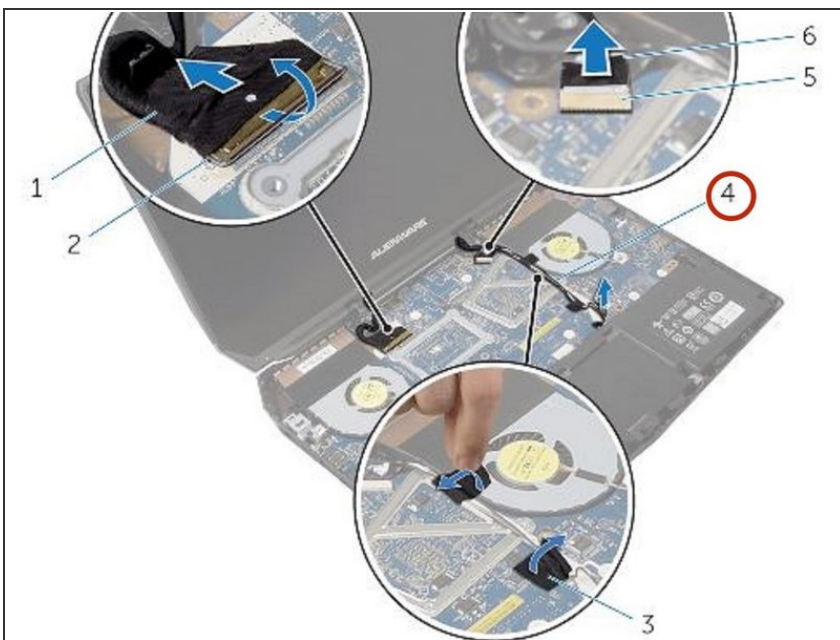## Step 38 — Open the Display

- Turn the computer over and open the display.

Step 39 — Peeling the Adhesive Tapes

- Peel off the adhesive tapes that secure the antenna cables to the system board.

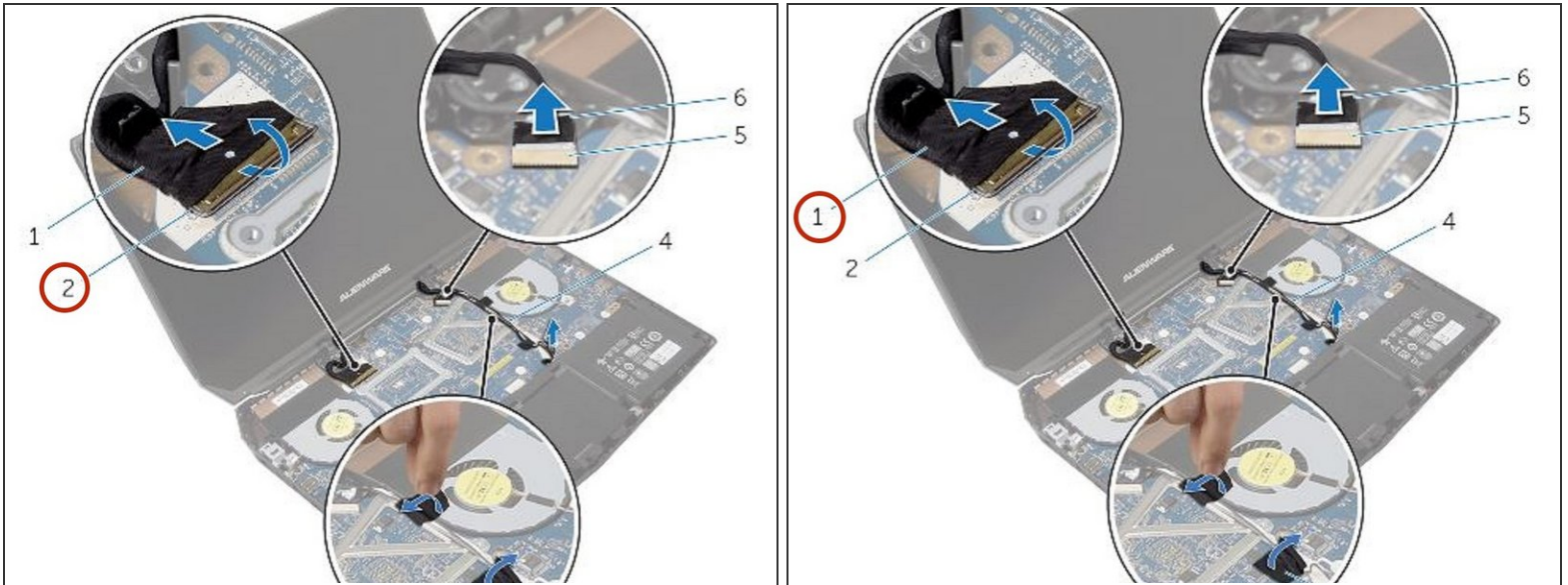- (i) Make note of the cable routing before removing any cable from its routing guide.

Step 40 — Removing the Antenna Cables

- Remove the antenna cables from the routing guides on the display hinges.

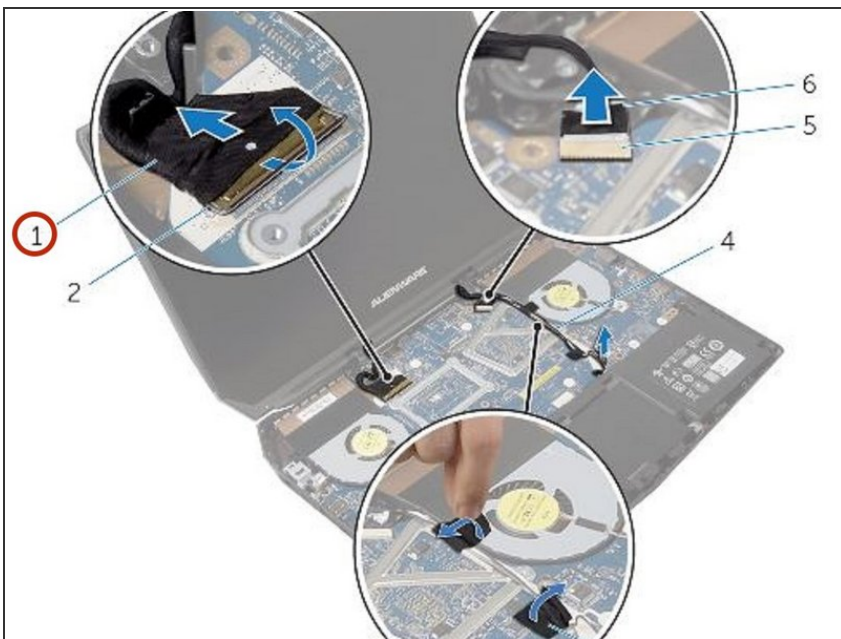This document was generated on 2020-12-13 08:26:15 AM (MST).

Step 41 — Disconnecting the Display Cable

- Lift the connector latch and disconnect the display cable from the system board.
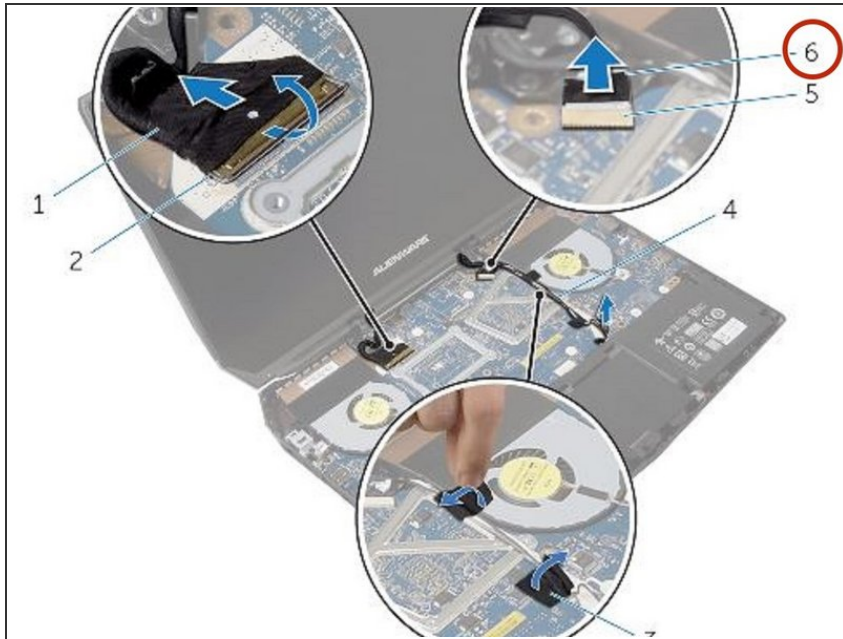
Step 42 — Removing the Display Cable

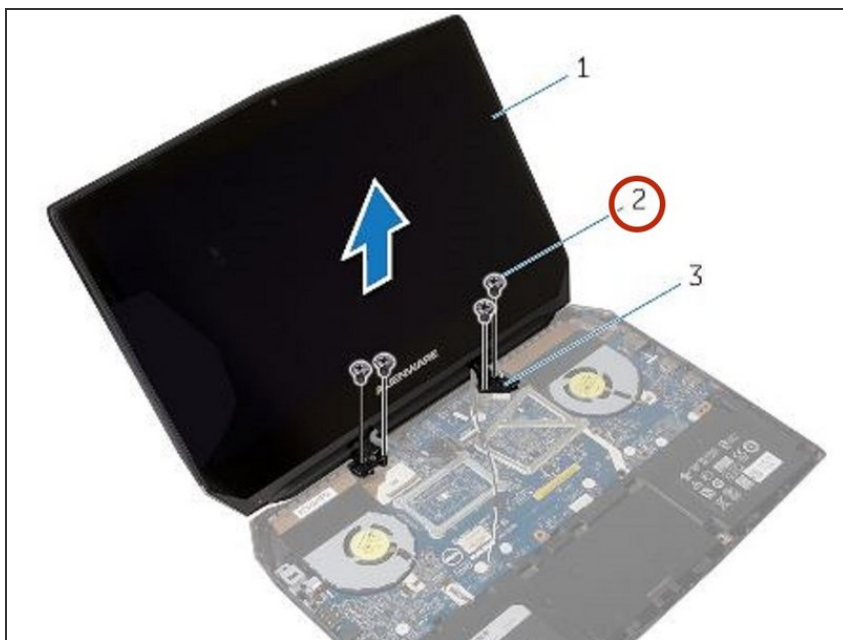- Remove the display cable from the routing guides on the display hinges.

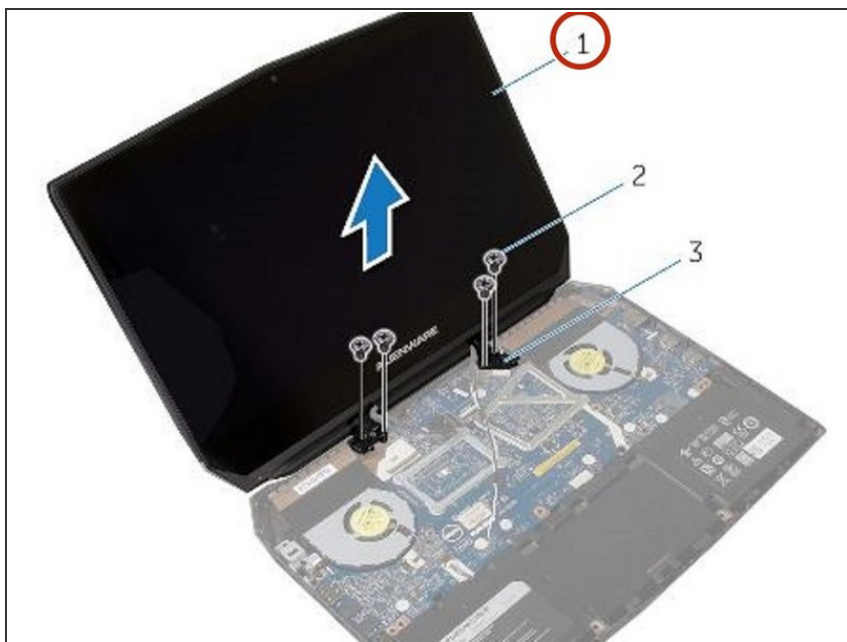## Step 43 — Disconnecting the Logo-Board Cable

- Disconnect the logo-board cable from the system board and remove it from the routing guides on the display hinges.

Step 44 — Removing the Screws

- Remove the screws that secure the display assembly to the computer base.

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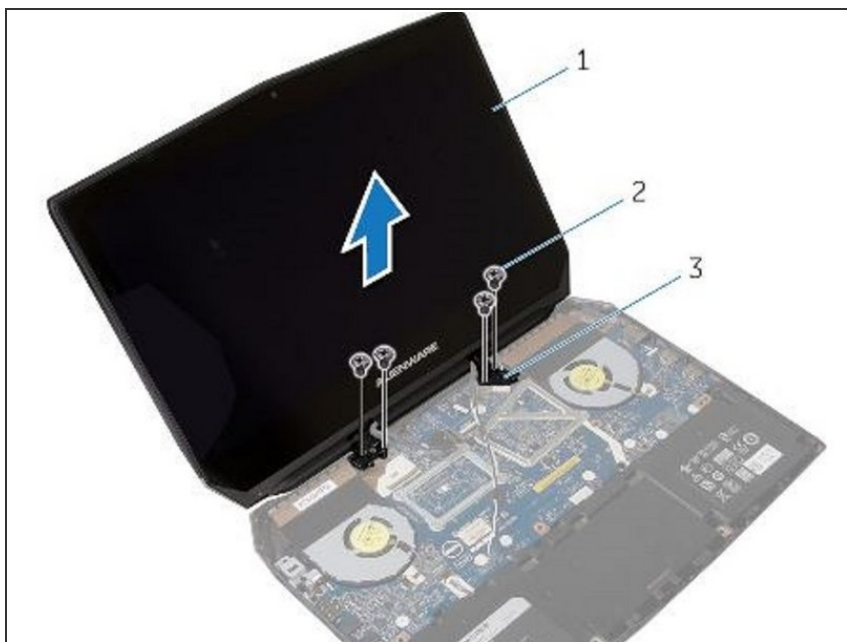## Step 45 — Lifting the Display Assembly

- Lift the display assembly off the computer base.

Step 46 — Align the Screw Holes

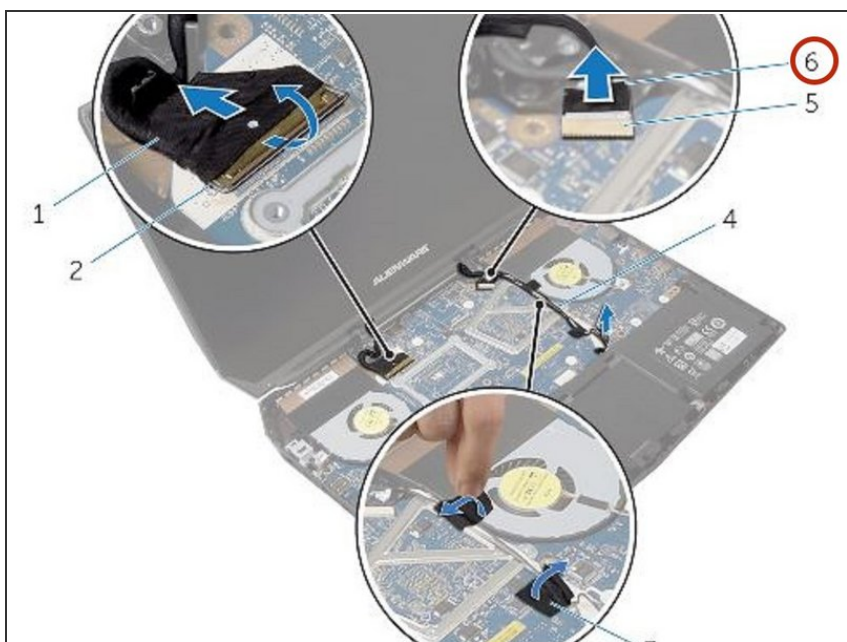- Align the screw holes on the display hinges with the screw holes on the computer base.

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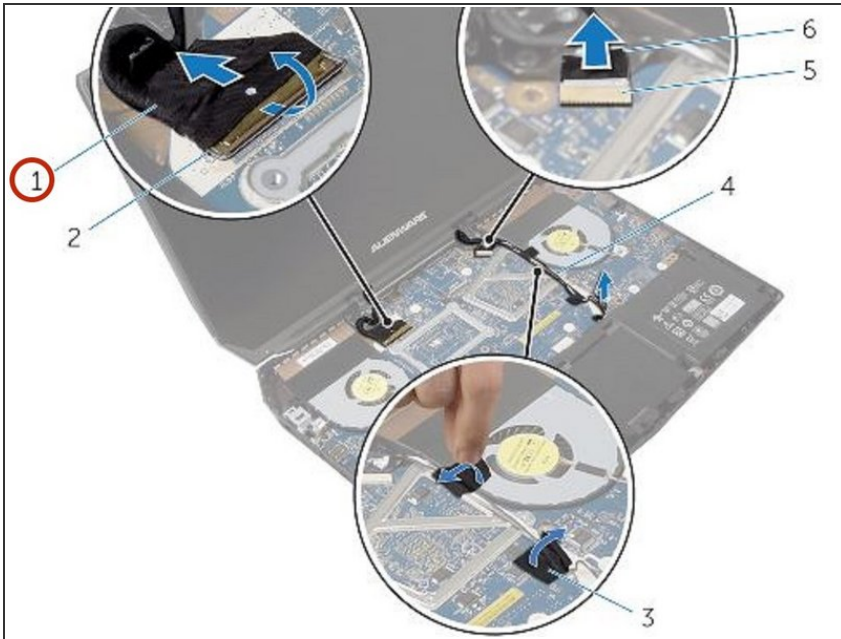## Step 47 — Replacing the Screws

- Replace the screws that secure the display hinges to the computer base.
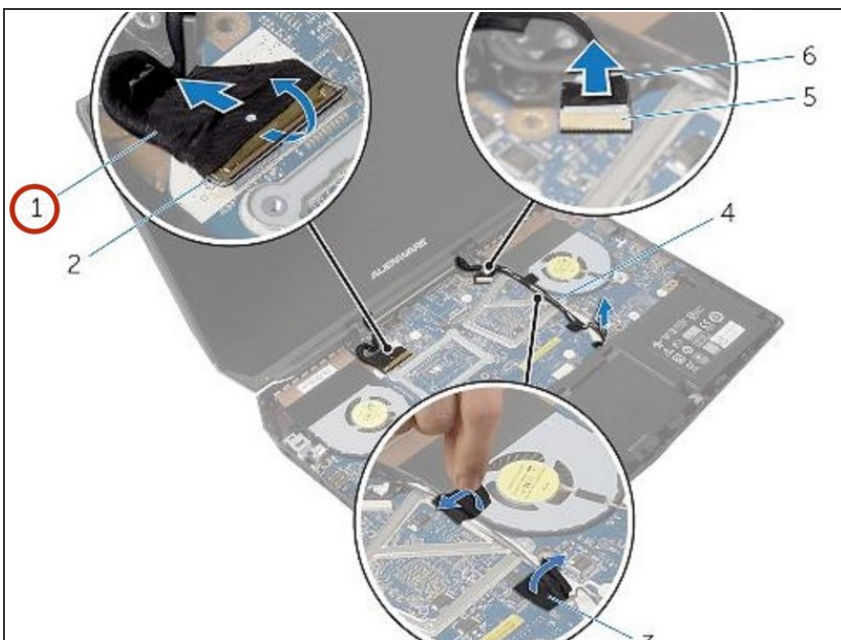
Step 48 — Connecting the Logo-Board Cable

- Route the logo-board cable through the routing guides on the display hinge and connect the logo-board cable to the system board.

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Step 49 — Routing the Display Cable

- Route the display cable through the routing guides on the display hinge.
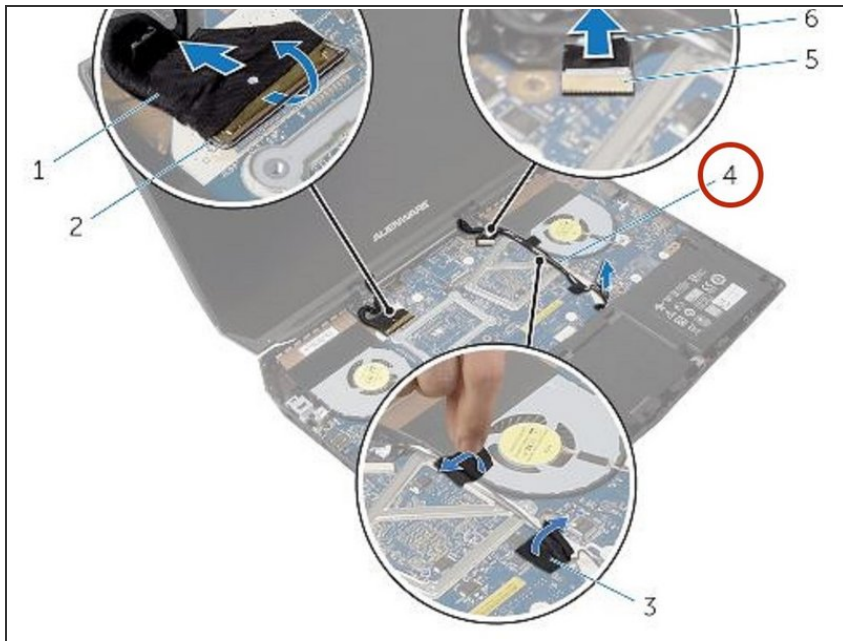
Step 50 — Sliding the Display Cable

- Slide the display cable into the connector on the system board and press down the latch to secure the cable.

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Step 51 — Route the Antenna Cables

- Route the antenna cables through the routing guides on the display hinges.

Step 52 — Adhering the Tapes

- Adhere the adhesive tapes that secure the antenna cables to the system board.
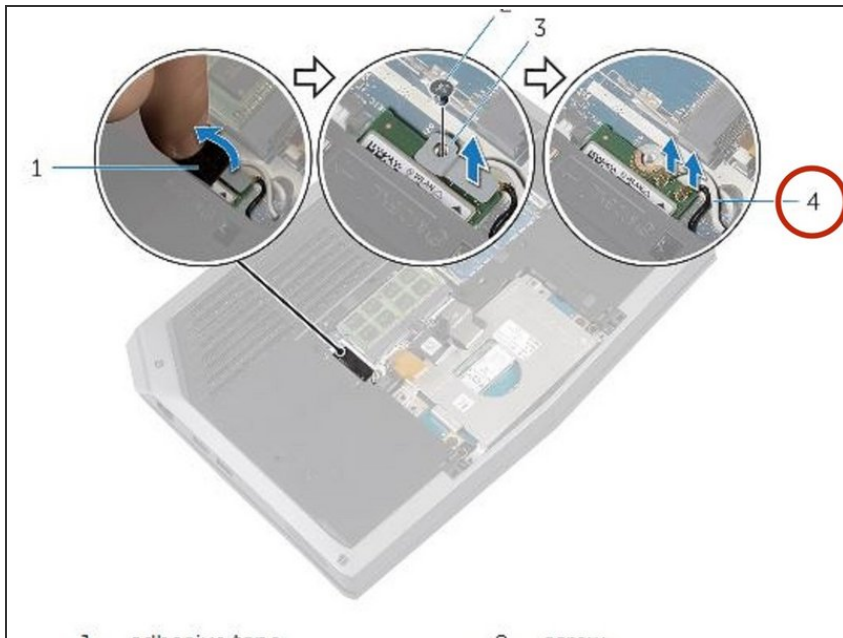
This document was generated on 2020-12-13 08:26:15 AM (MST).
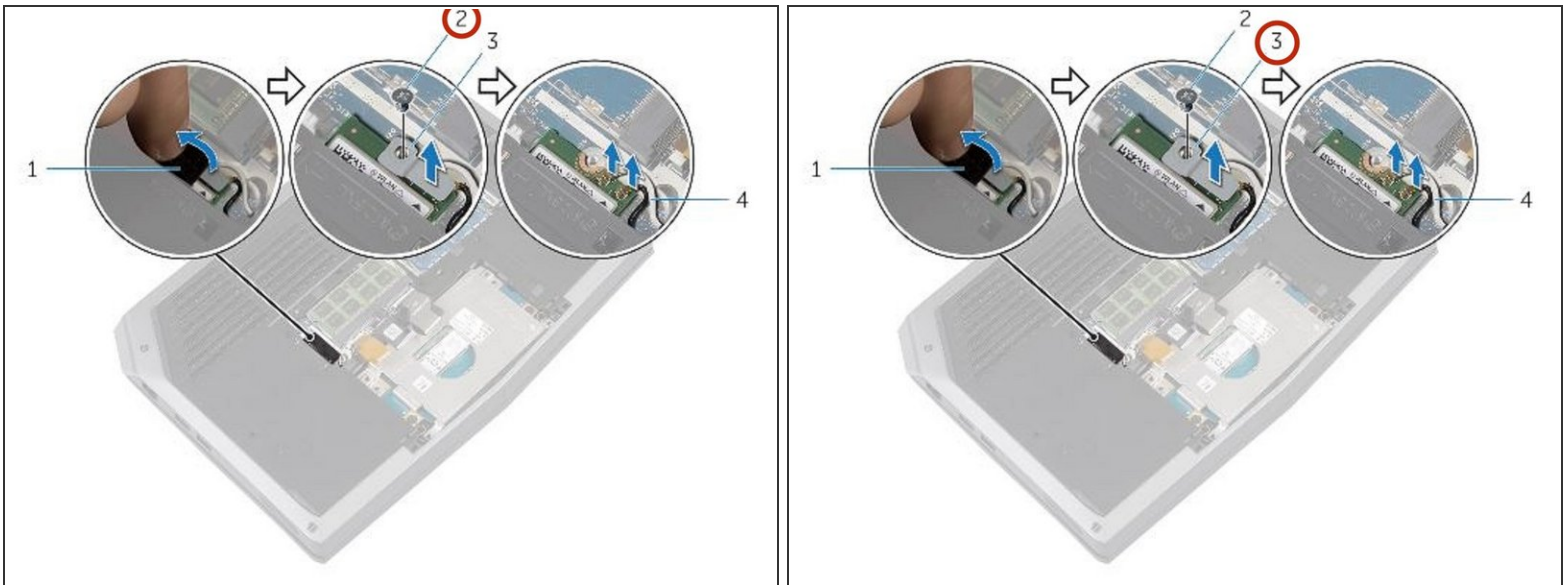
Step 53 — Turn the Computer Over

● Close the display and turn the computer over.
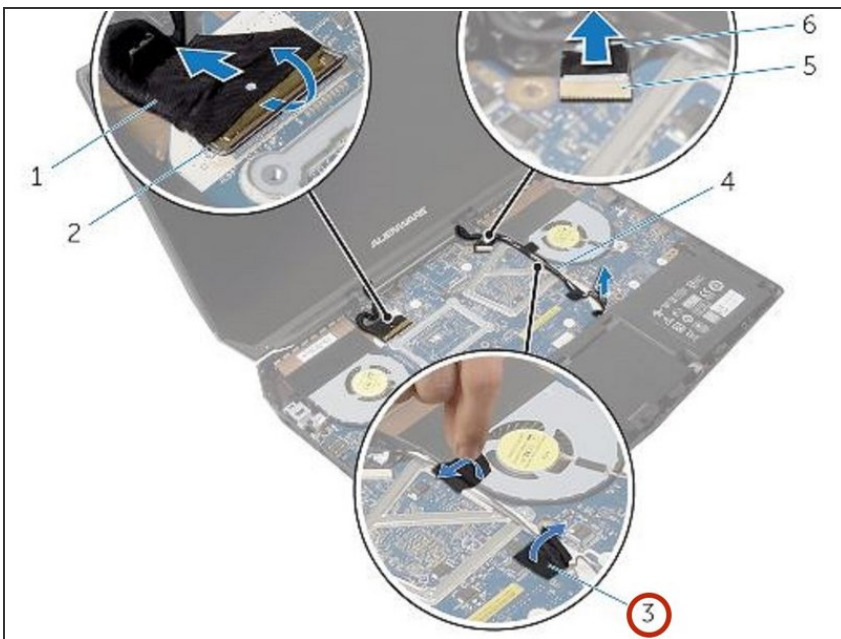
Step 54 — Connecting the Antenna Cables

● Connect the antenna cables to the wireless card.

Step 55 — Replace the Screw

- Replace the screw that secures the wireless-card bracket to the wireless card.

Step 56 — Adhering the Adhesive Tape

- Adhere the adhesive tape to the wireless card.

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Step 57 — Open the Display

- Turn the computer over and open the display.
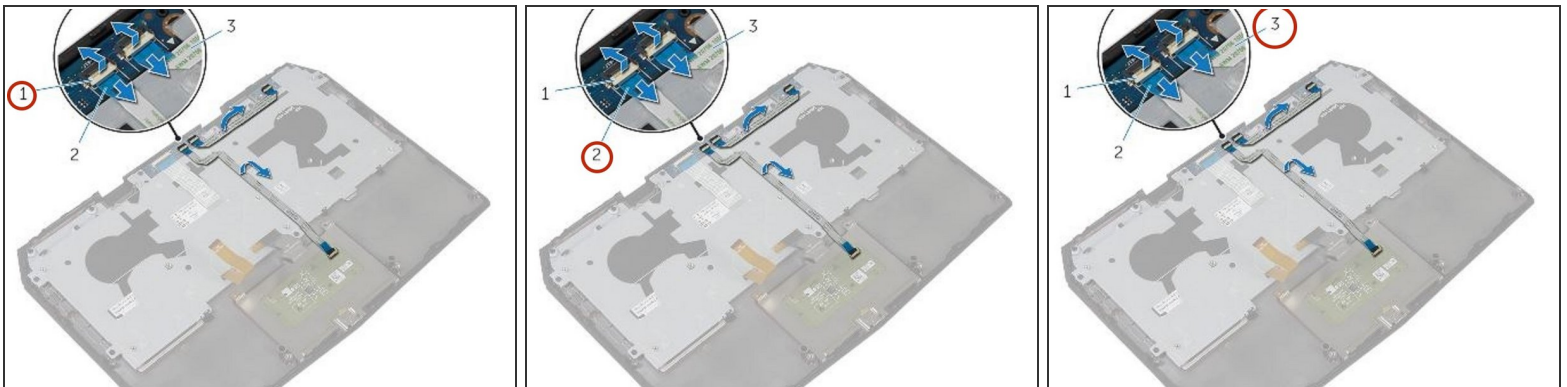
Step 58 — Align the Screw Holes

- Align the screw holes on the hinge caps with the screw holes on the display hinges.

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Step 59 — Replace the Screws

- Replace the screws that secure the hinge caps to the display hinges.

Step 60 — Disconnecting the Touchpad 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.
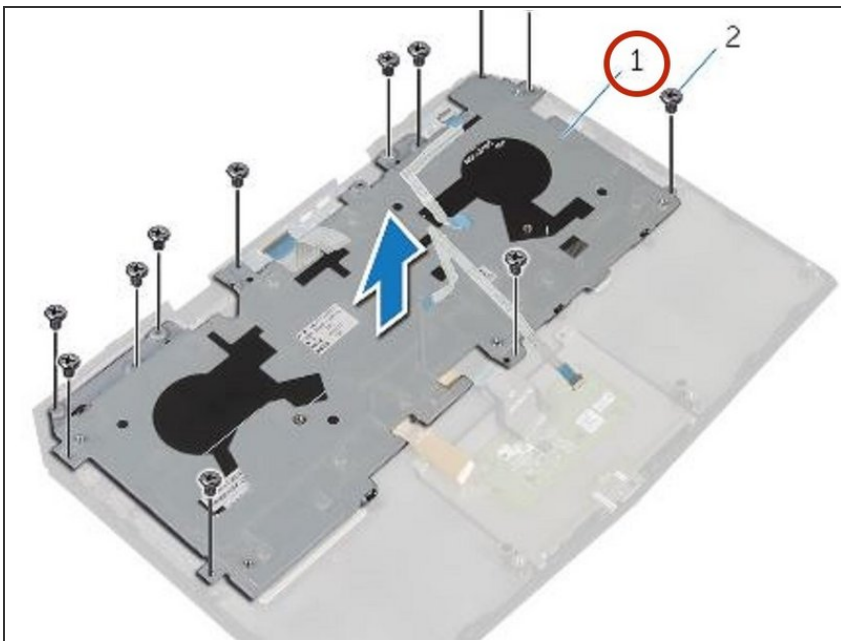
- Lift the connector latches and disconnect the touchpad cable and the status-light cable from the power-button board.

Step 61 — Peeling the Cables
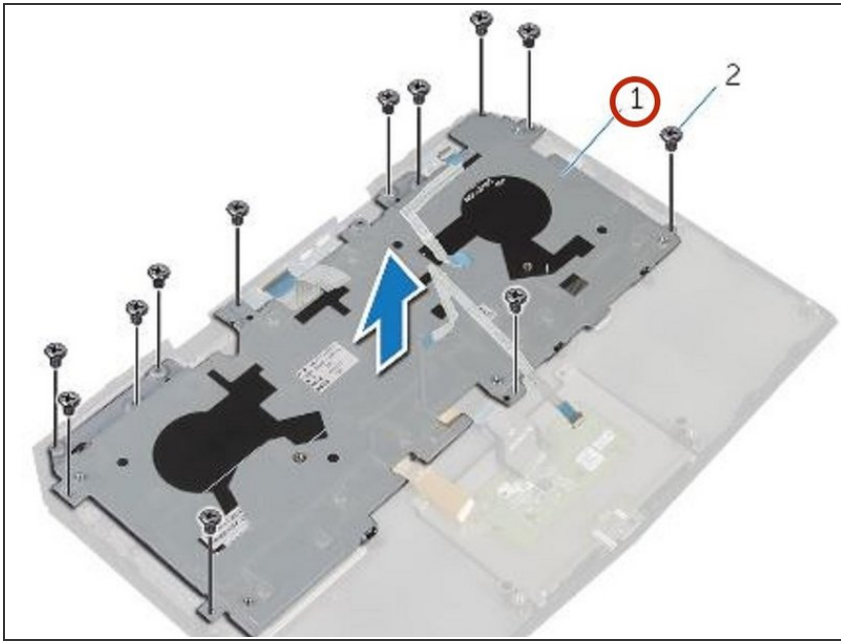
- Peel the touchpad cable and status-light cable off the keyboard bracket.
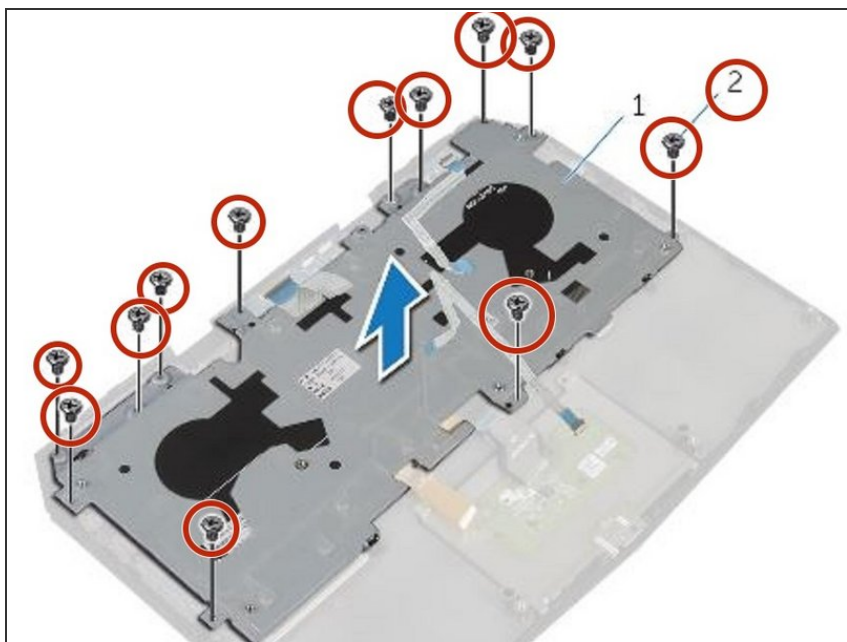
Step 62 — Removing the Keyboard Bracket

- Lift the keyboard bracket off the palm-rest assembly.

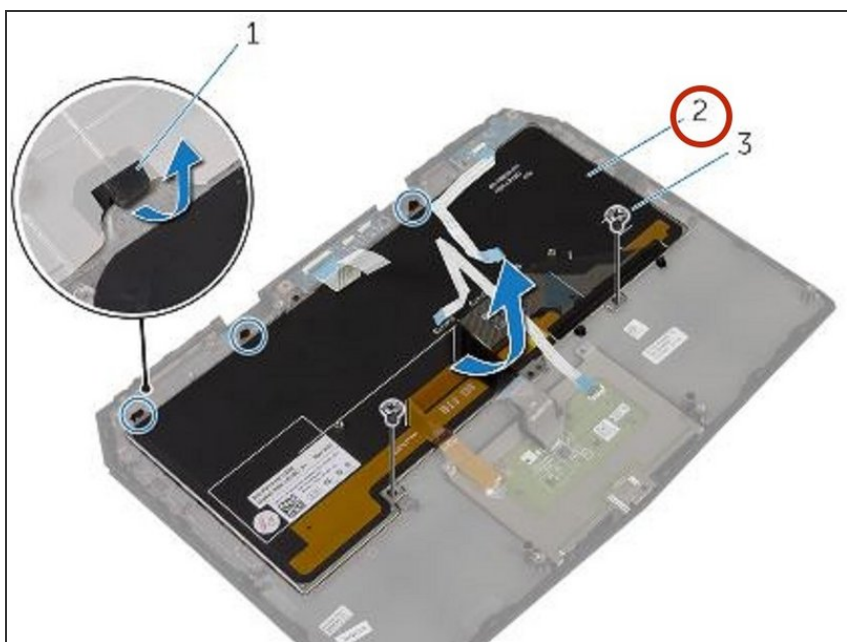This document was generated on 2020-12-13 08:26:15 AM (MST).
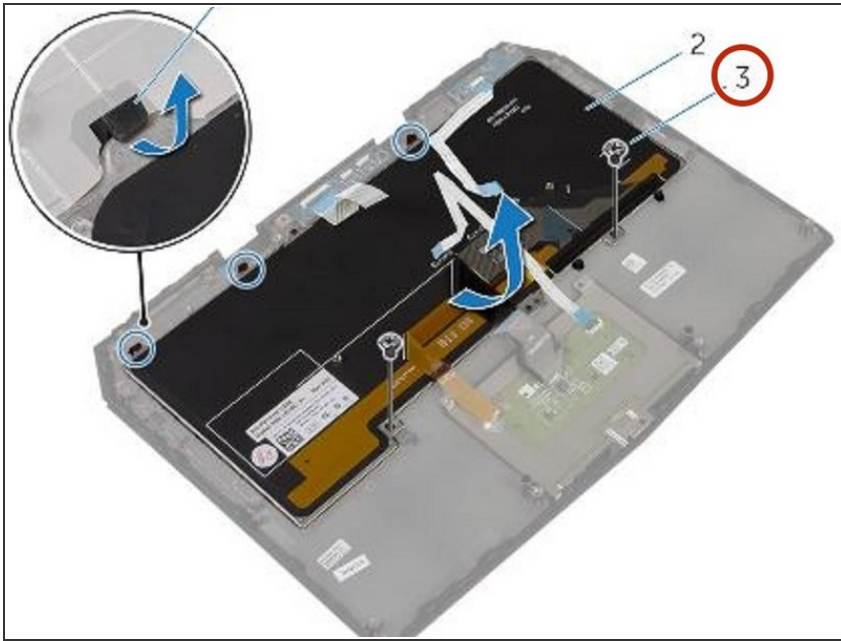
Step 63 — Remove the Screws

- Remove the screws that secure the keyboard to the palm-rest assembly.
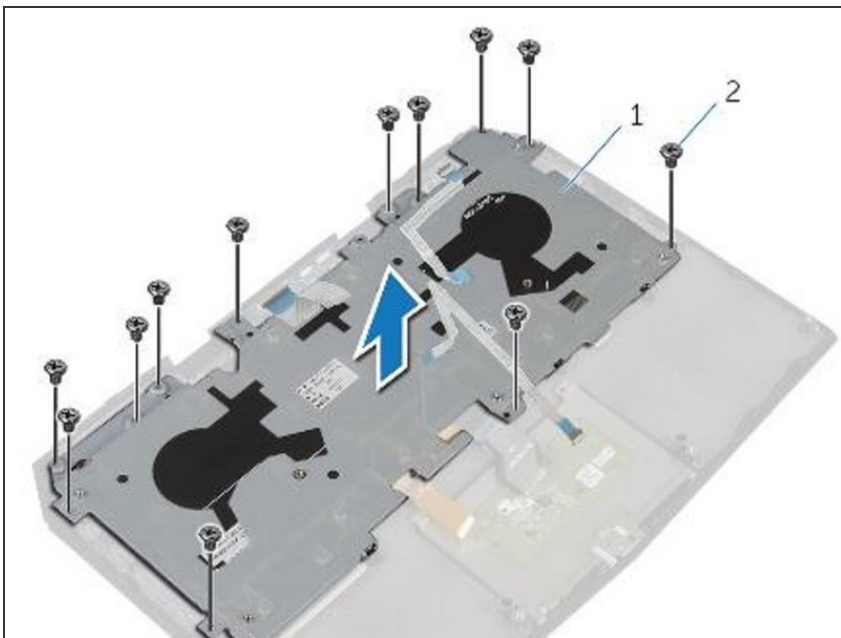
Step 64 — Lifting the Keyboard

- Slide and lift the keyboard, along with the cables, off the palm-rest assembly.

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Step 65 — Aligning the Screw Holes

- Align the screw holes on the **NEW** keyboard with the screw holes on the palm-rest assembly.

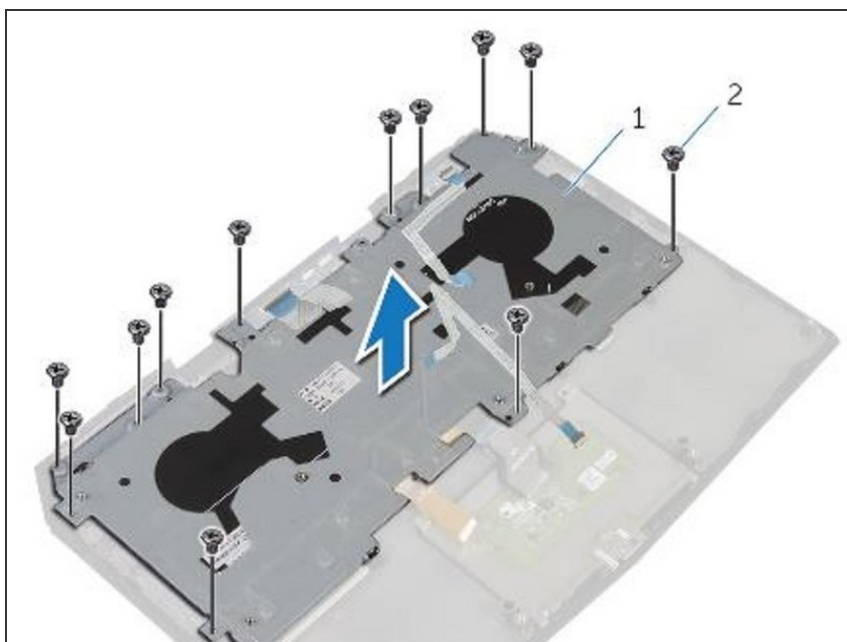## Step 66 — Replacing Screws

- Replace the screws that secure the keyboard to the palm-rest assembly.
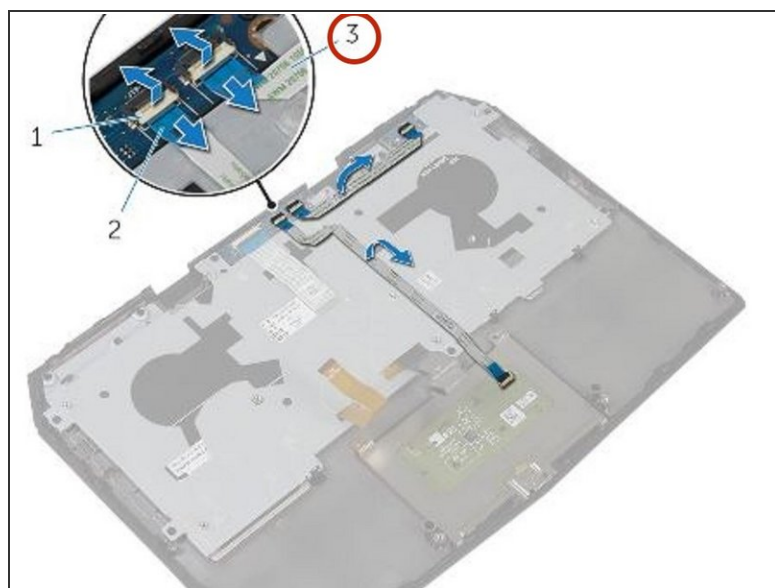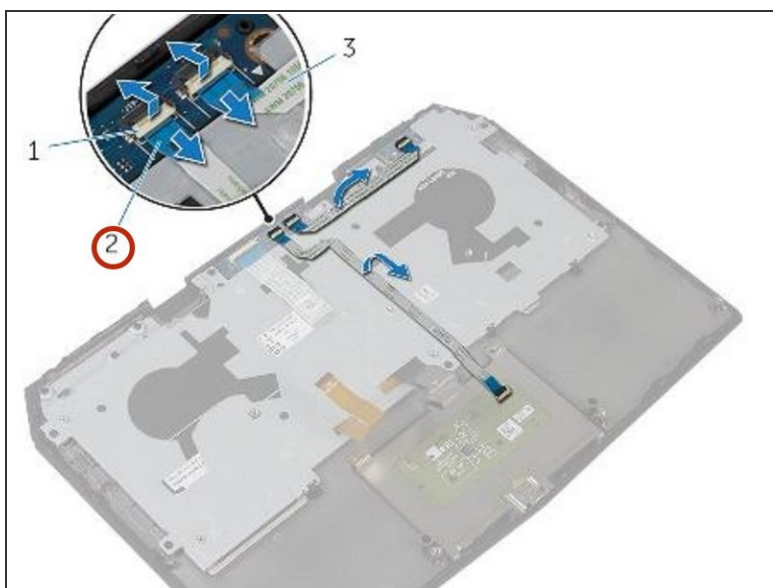
Step 67 — Align the Screw Holes

- Align the screw holes on the keyboard bracket with the screw holes on the palm-rest assembly.

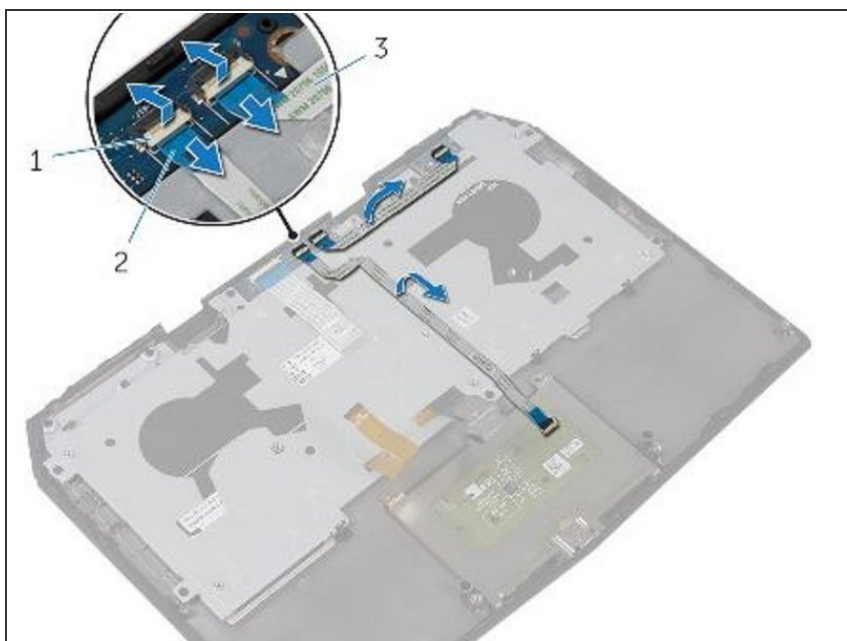## Step 68 — Replace the Screws

- Replace the screws that secure the keyboard bracket to the palm-rest assembly.

Step 69 — Adhering the Cables

- Adhere the touchpad cable and status-light cable to the keyboard bracket.
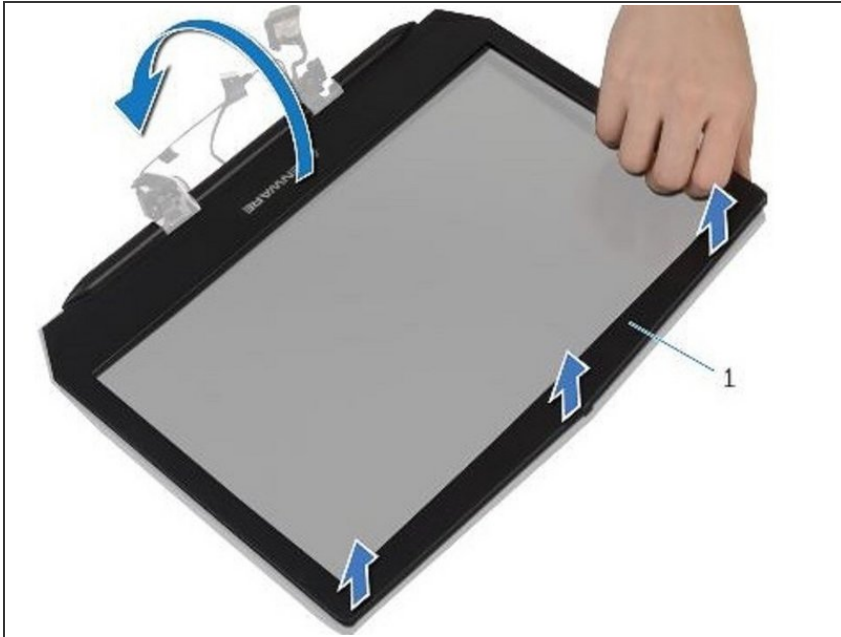
Step 70 — Sliding the Cables

- Slide the touchpad cable and the status-light cable into their respective connectors on the power-

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button board and press down the latches to secure the cables.

Step 71 — Prying the Edges

⚠ 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]().

● Using your fingertips, carefully pry up the inside edges of the display bezel.

Step 72 — Lift the Display Bezel

● Carefully lift the display bezel and turn it over.

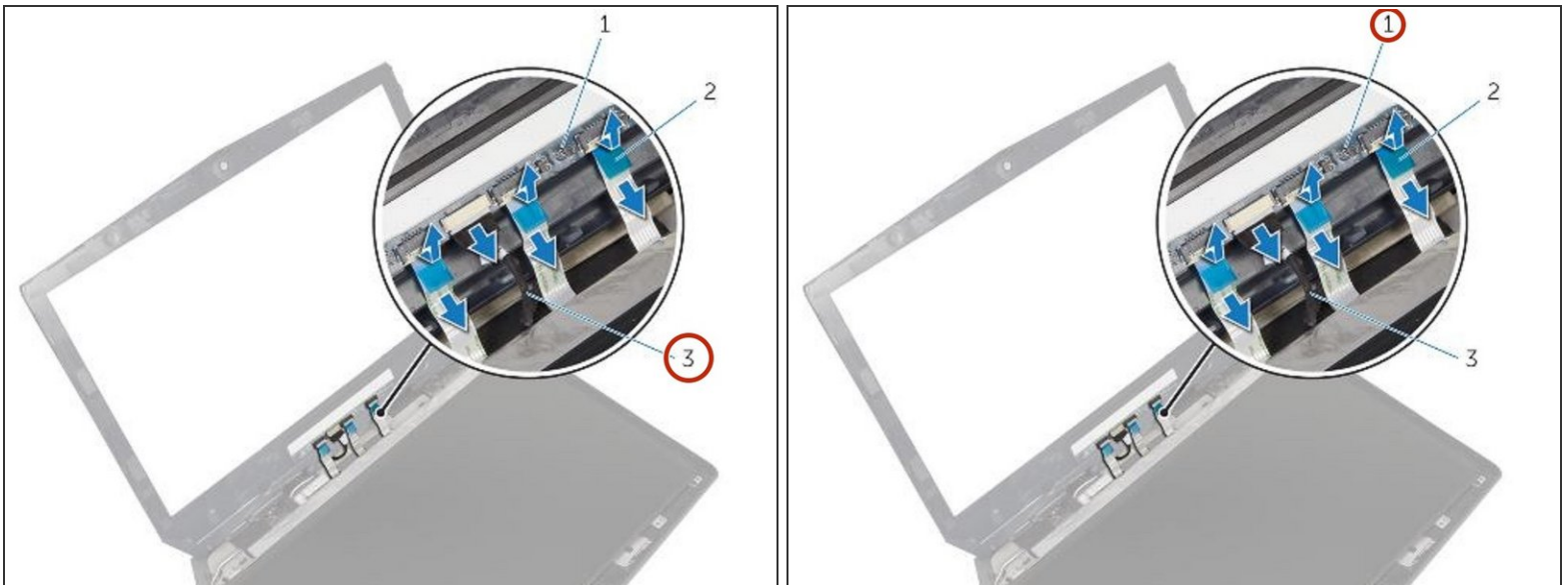This document was generated on 2020-12-13 08:26:15 AM (MST).

Step 73 — Lift the Connector Latches

- Lift the connector latches and disconnect the display-board cables from the logo board.

Step 74 — Disconnect the Logo-Board Cable

- Disconnect the logo-board cable from the logo board.

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Step 75 — Connecting the Logo-Board Cable

- Connect the logo-board cable to the logo board.

Step 76 — Slide the Display-Board Cables

- Slide the display-board cables to their respective connectors on the logo board and press down the latches to secure the cables.

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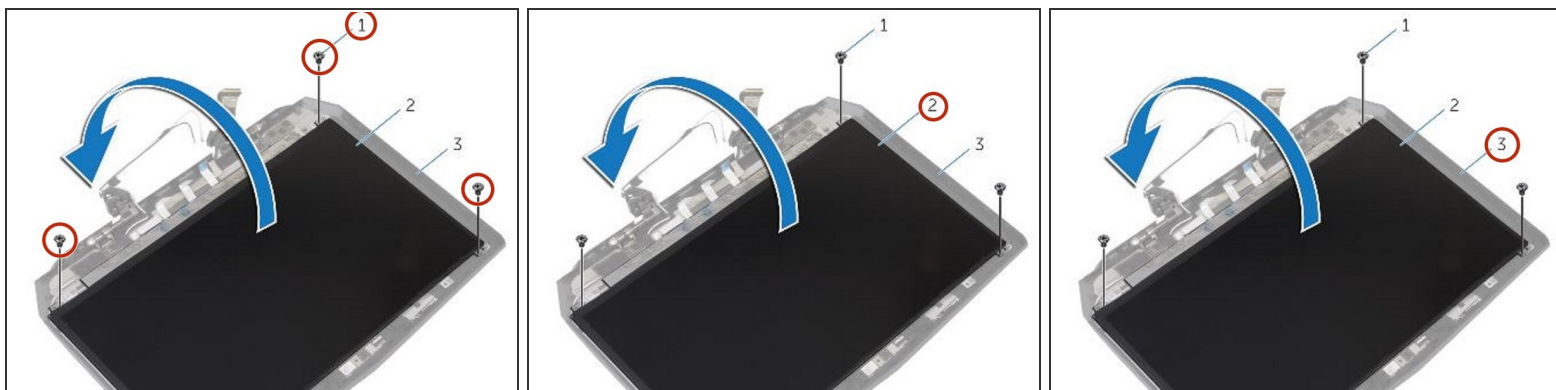## Step 77 — Turn Over the Display Bezel

- Turn the **NEW** display bezel over.

Step 78 — Align the Display Bezel

- Align the display bezel with the display back-cover and gently snap the display bezel into place.

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Step 79 — Remove the Screws

- Remove the screws that secure the display panel to the display back-cover.
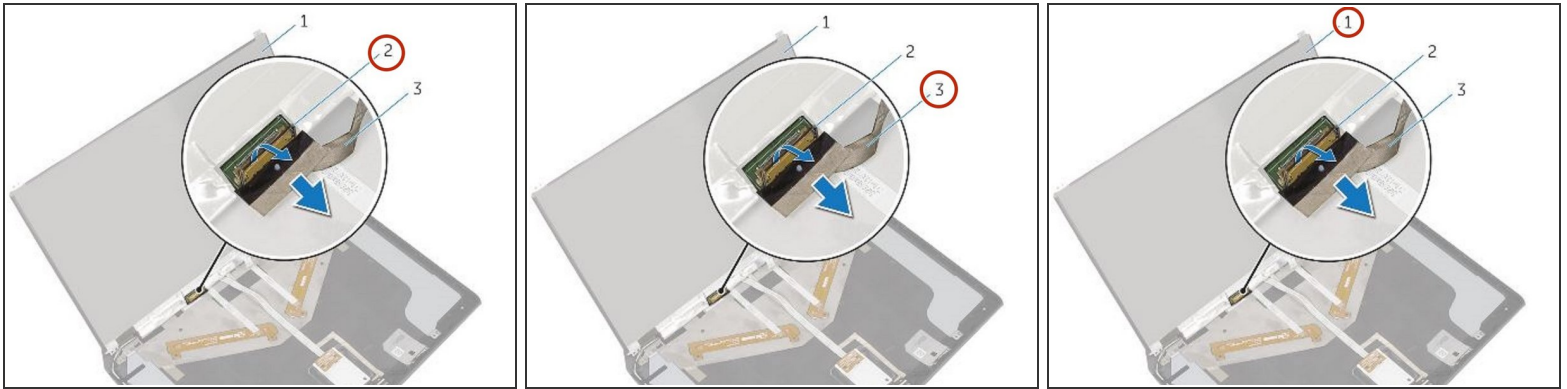
Step 80 — Lift the Display Panel
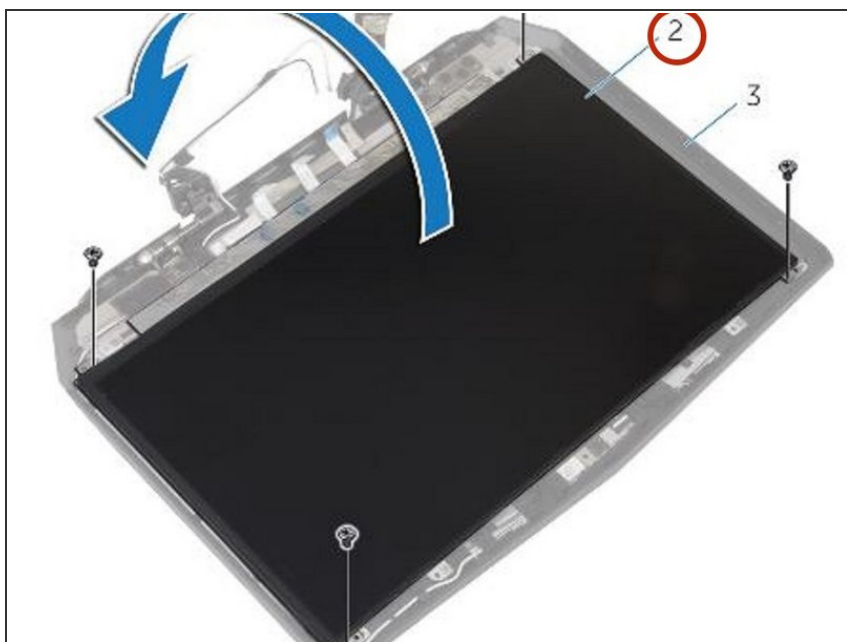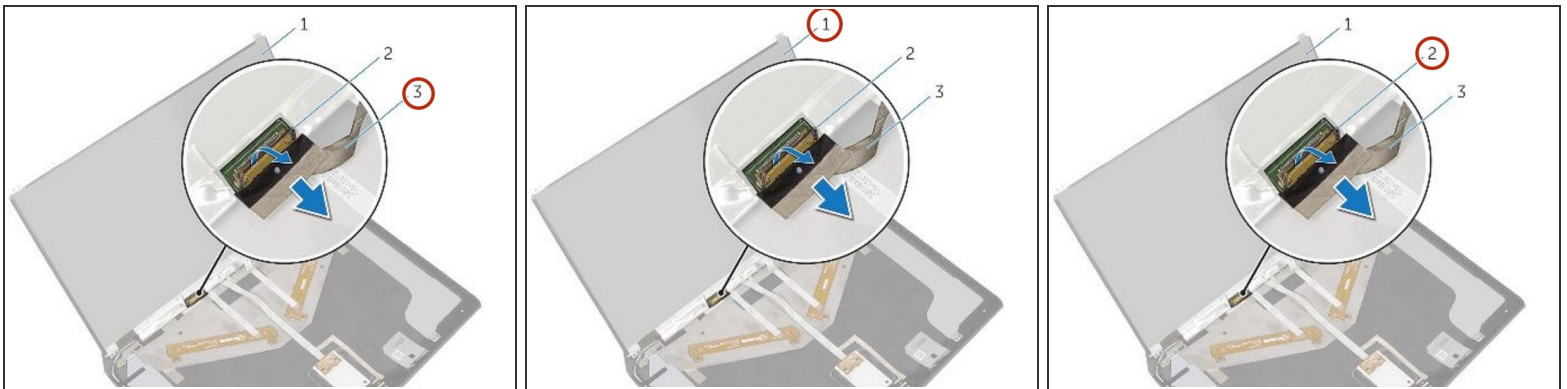

- Gently lift the display panel and turn it over.

Step 81 — Lift the Connector Latch

- Lift the connector latch and disconnect the display cable from the display panel.
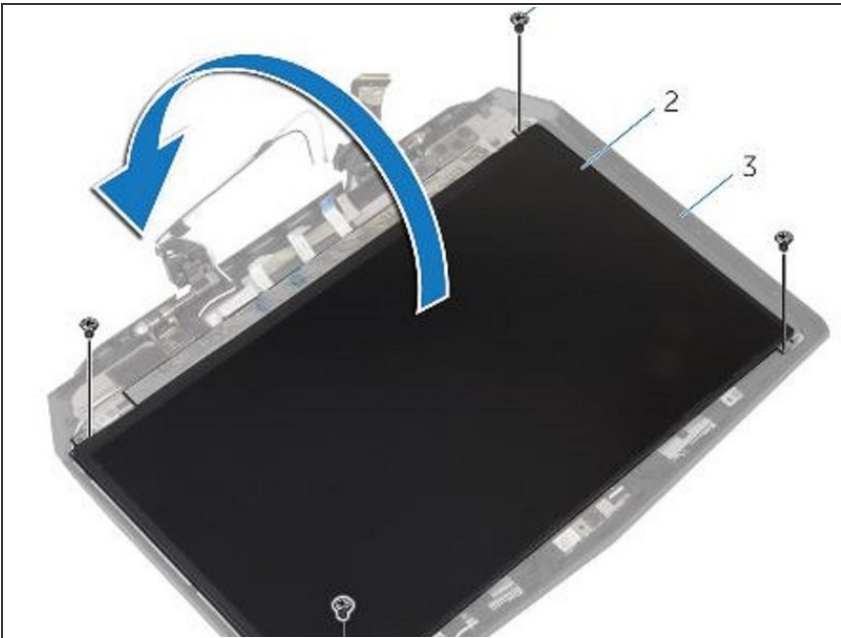
Step 82 — Securing the Cable

- Connect the display cable to the **NEW** display panel and press down on the connector latch to secure the cable.

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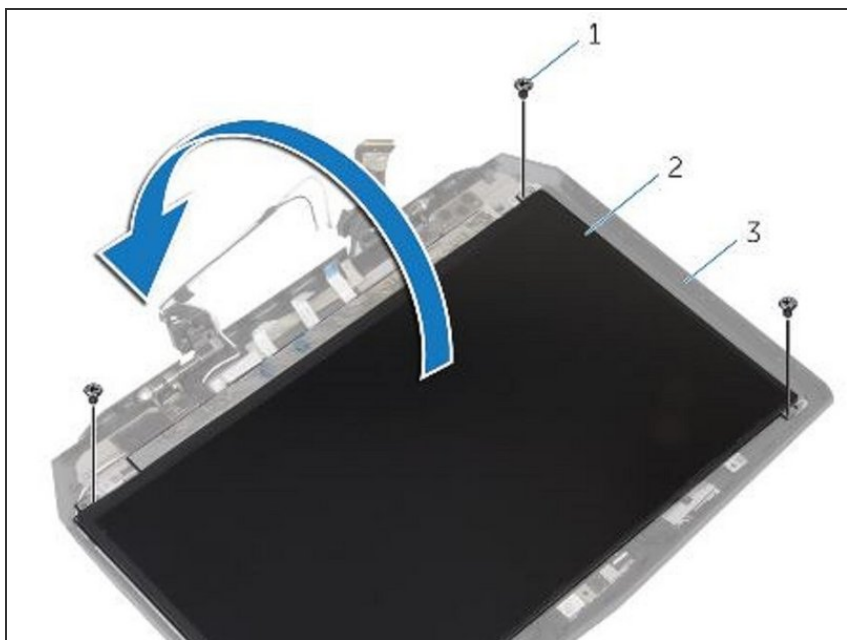## Step 83 — Turn the Display Panel

- Turn the display panel over.

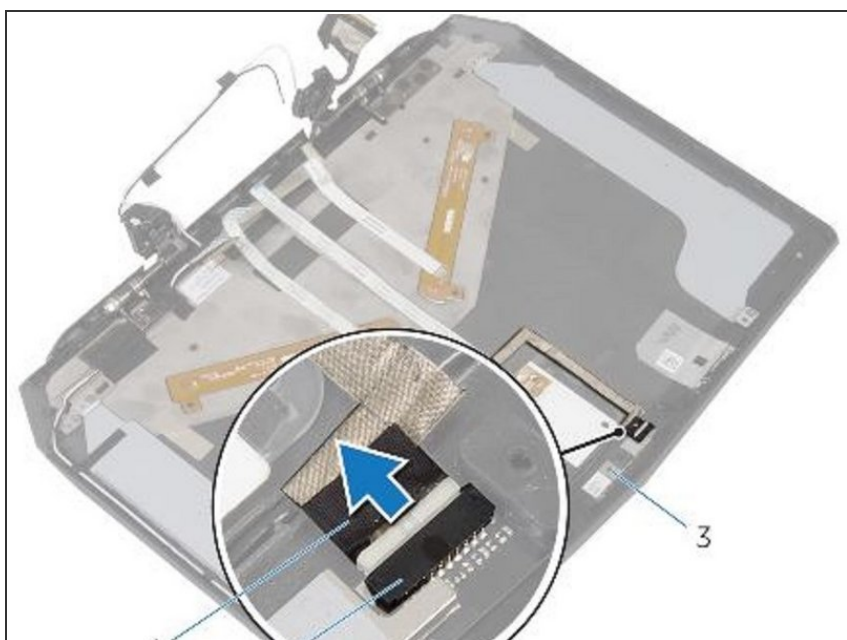## Step 84 — Align the Screw Holes

- Align the screw holes on the display panel with the screw holes on the display back-cover.

Step 85 — Replace the Screws

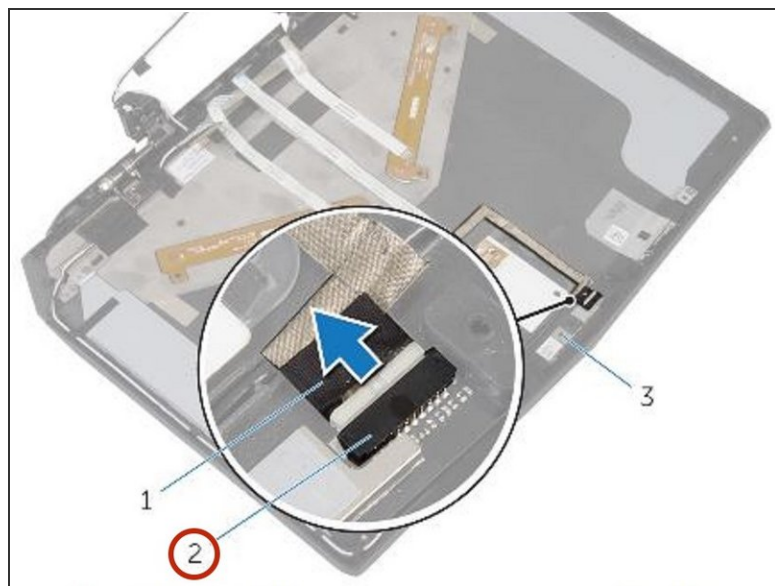● Replace the screws that secure the display panel to the display back-cover.
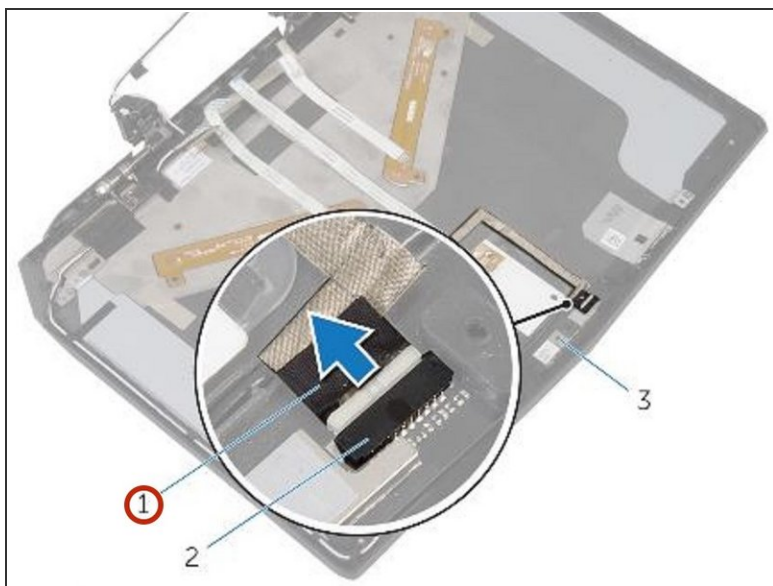
Step 86 — Place the Display

⚠ 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]().
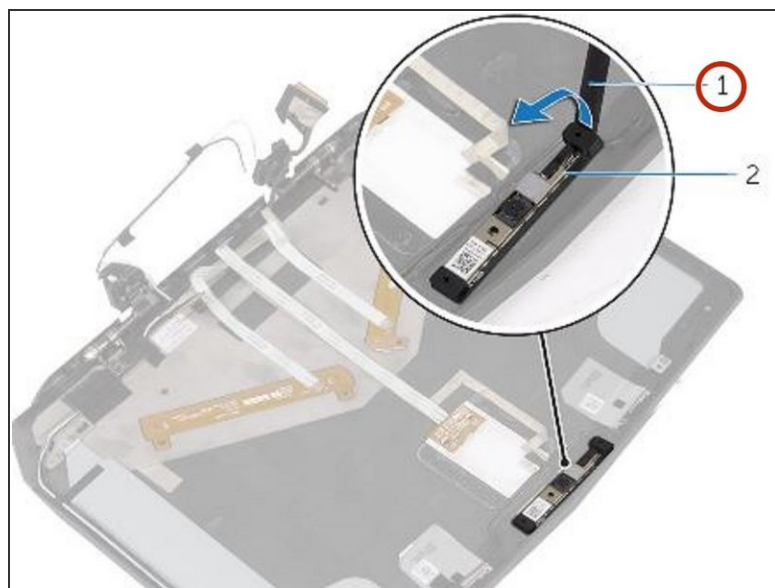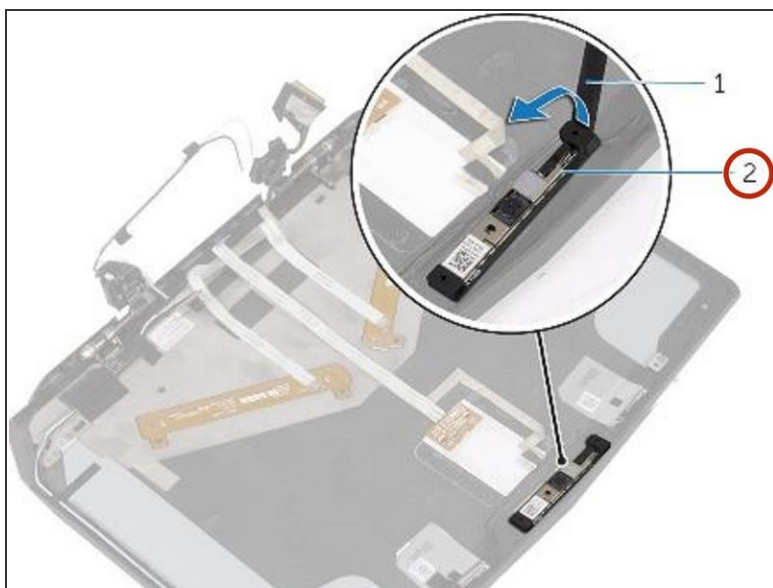
● Place the display back-cover assembly on a flat surface.

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Step 87 — Disconnecting the Camera Cable
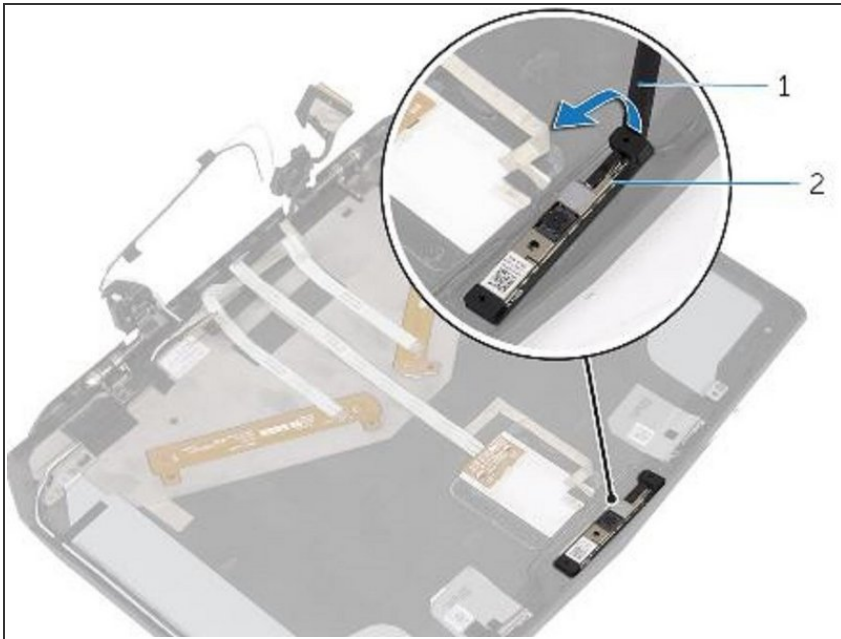

- Disconnect the camera cable from the camera module.

Step 88 — Pry the Camera Module

- Using a plastic scribe, pry the camera module off the display back-cover.

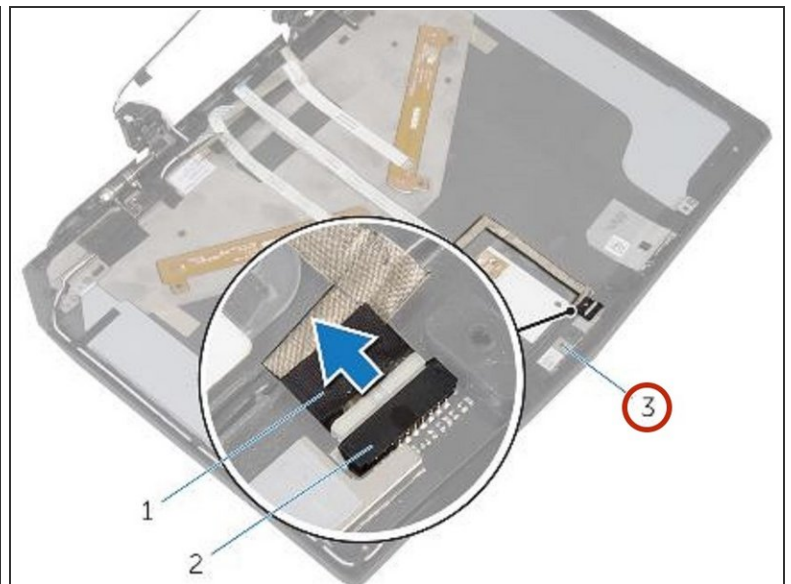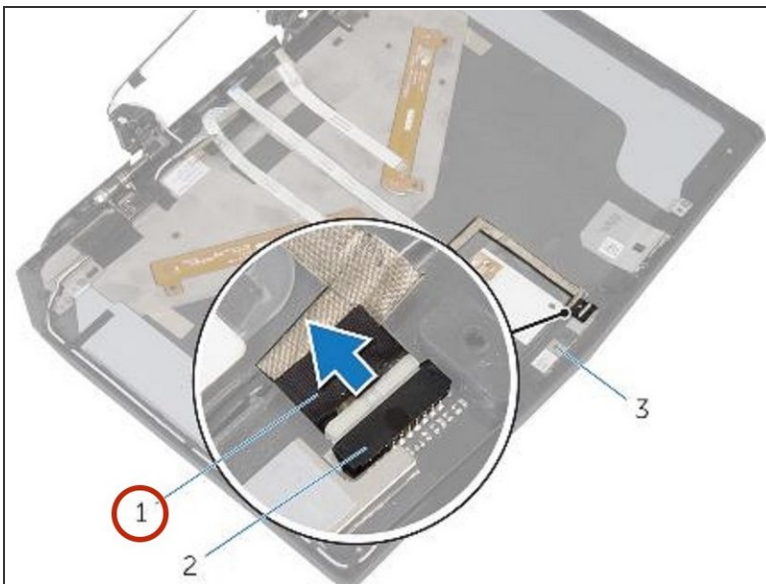This document was generated on 2020-12-13 08:26:15 AM (MST).
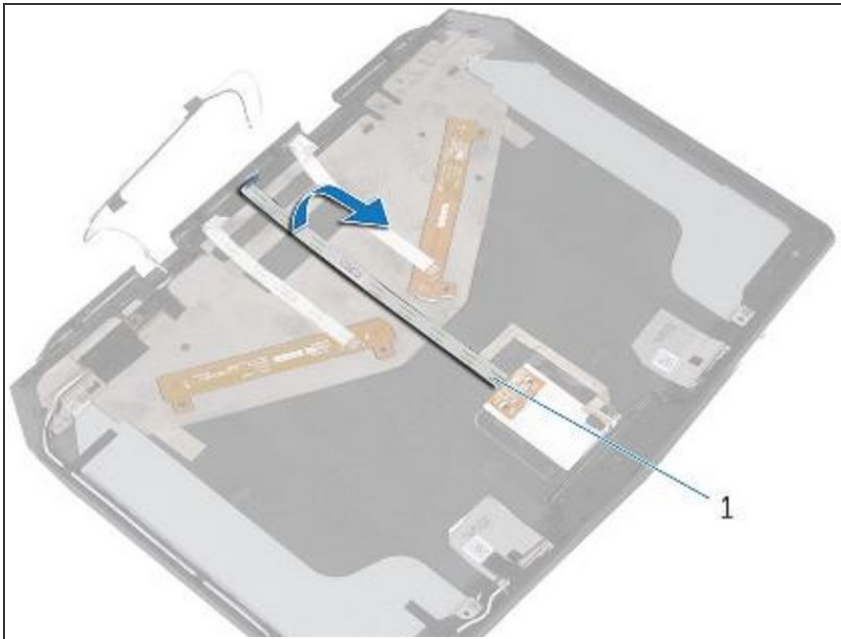
Step 89 — Snapping the Module in Place

- Using the alignment posts place the **NEW** camera module on the display back-cover and snap it into place.

Step 90 — Connect the Camera Cable

- Connect the camera cable to the camera module.

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Step 91 — Peeling the Display-Board Cable

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● Peel the display-board cable to access the camera cable.

Step 92 — Display Cable Routing
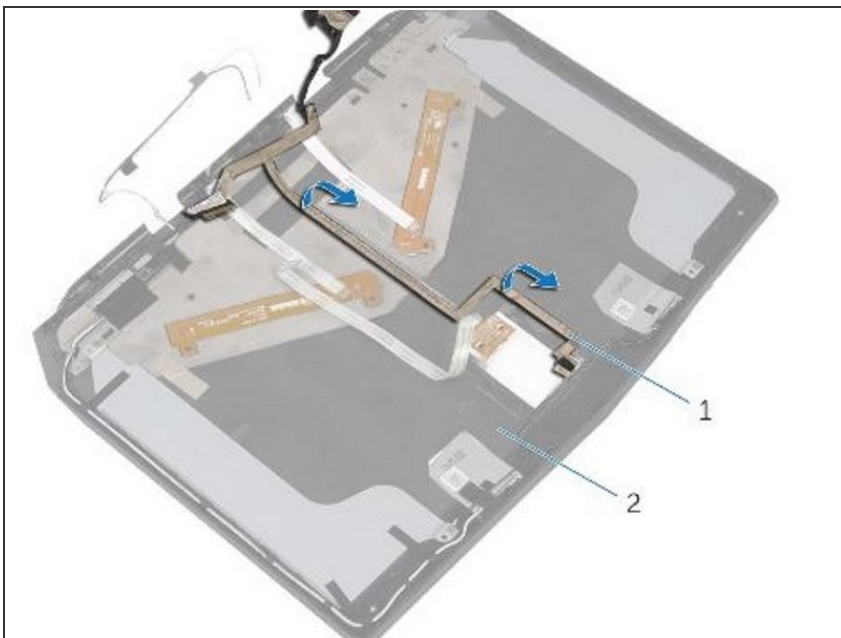
● Note the display cable routing and peel the camera cable off the display back-cover.

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Step 93 — Placing the Display Back Cover

- Place the **NEW** display back-cover on a flat surface.

Step 94 — Adhering the Cable

- Adhere the display-board cable and the camera cable to the display back-cover.

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