

Dell Alienware 13 R2 Display Bezel Replacement

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

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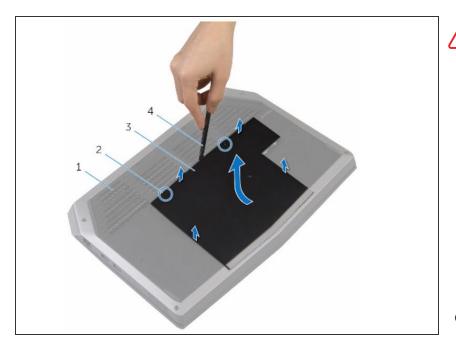


INTRODUCTION

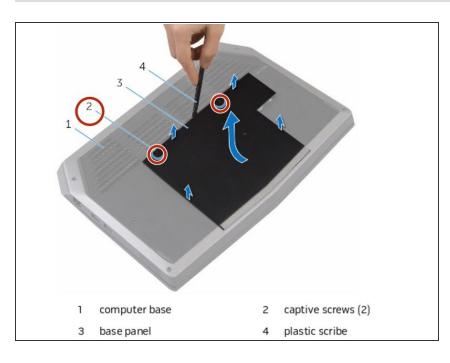
In this guide, we will show you how to remove and replace the Display Bezel.

TOOLS:Pro Tech Toolkit (1)

Step 1 — Turning Over the PC



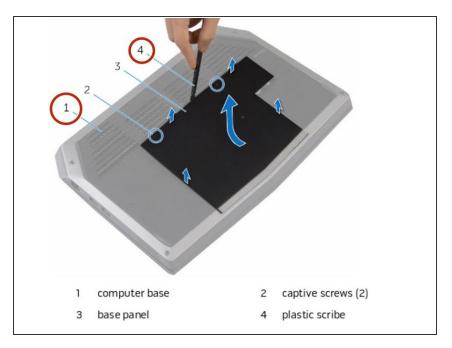
- WARNING: Before working inside your computer, read the safety information that shipped with your computer and follow the steps in <u>Before Working Inside Your</u> <u>Computer</u> After working inside your computer, follow the instructions in <u>After Working Inside Your Computer</u> For more safety best practices, see the regulatory compliance home page.
 - Close the display and turn the computer over.



Step 2 — Loosen the screws

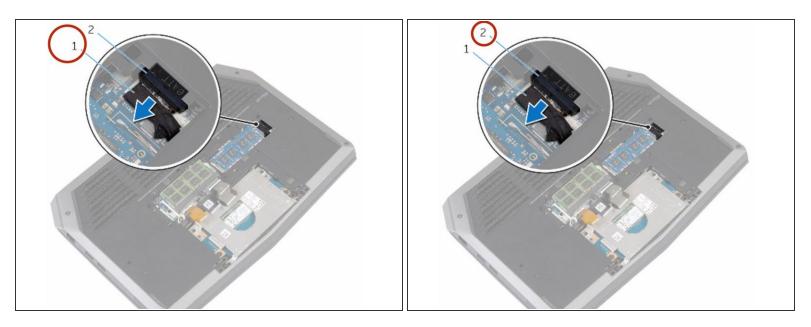
 Loosen the captive screws that secure the base panel to the computer base.

Step 3 — Releasing the Tabs



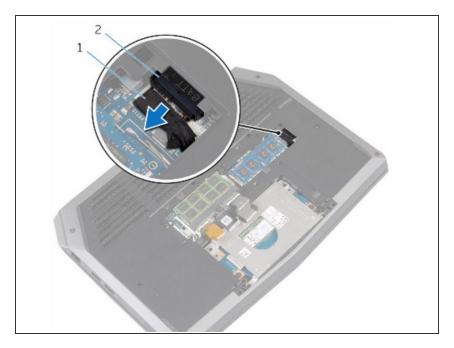
• Using a plastic scribe, gently release the tabs that secure the base panel to the computer base.

Step 4 — Disconnecting the Battery Cable



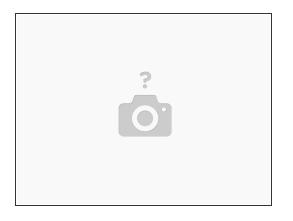
- Disconnect the battery cable from the battery-cable connector.
- Turn the computer over.

Step 5 — Power Button



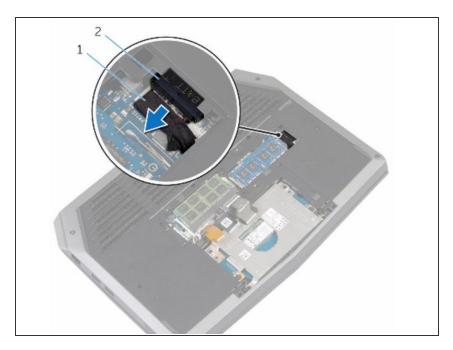
 Press and hold the power button for 5 seconds to ground the system board.

Step 6 — Connect the Battery Cable



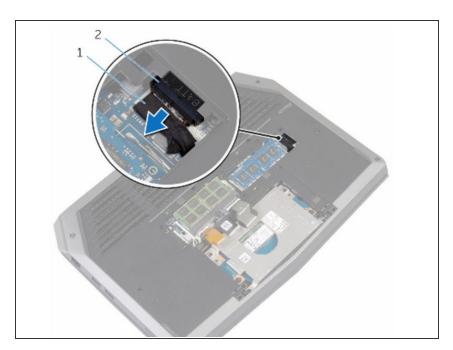
• Connect the battery cable to the battery-cable connector.

Step 7 — Aligning the tabs



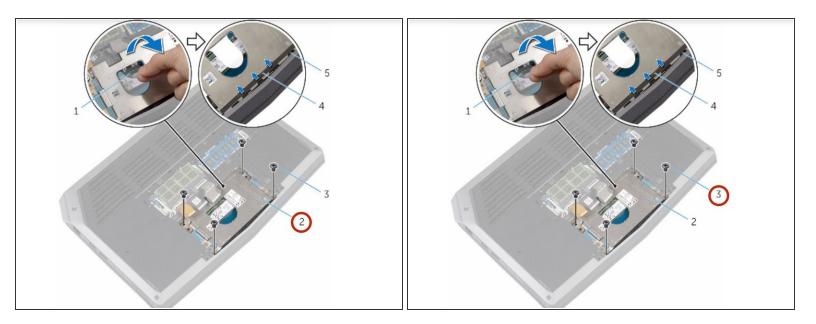
 Align the tabs on the base panel with the slots on the computer base and snap the base panel into place.

Step 8 — Tighten the screws



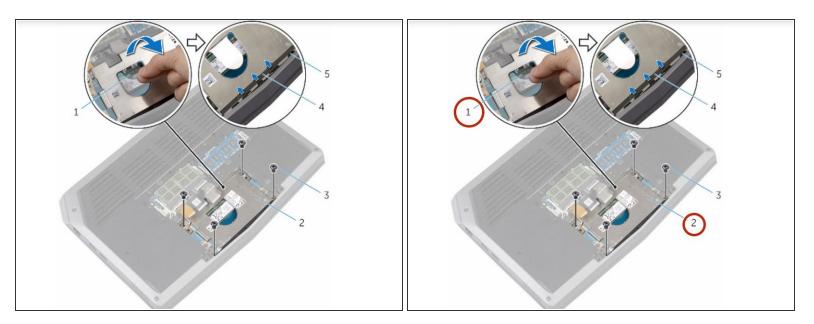
• Tighten the captive screws that secure the base panel to the computer base.

Step 9 — Removing the Screws



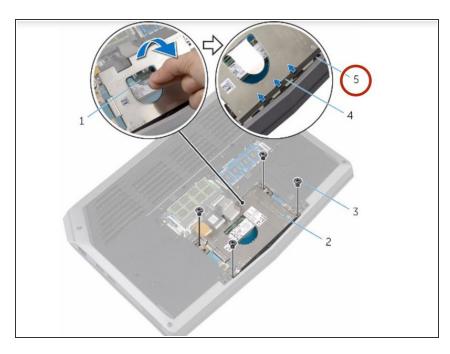
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- Remove the screws that secure the solid-state drive bracket to the solid-state drive assembly.

Step 10 — Peel off Computer Base Tabs



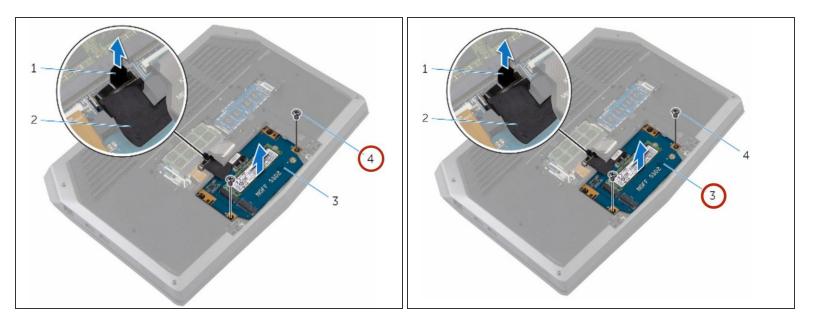
 Using the pull tab, pivot the solid-state drive bracket and peel off the bracket from the tabs on the computer base.

Step 11 — Disconnecting the Solid-State Drive Cable

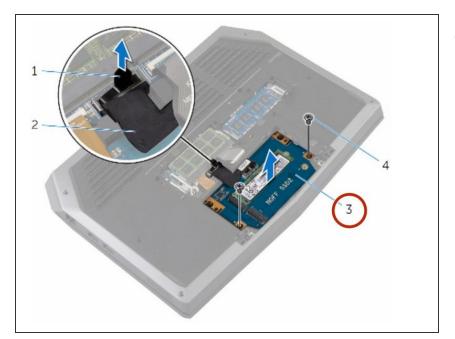


 Using the pull tab, disconnect the solid-state drive cable from the system board.

Step 12 — Removing the Solid-State Drive



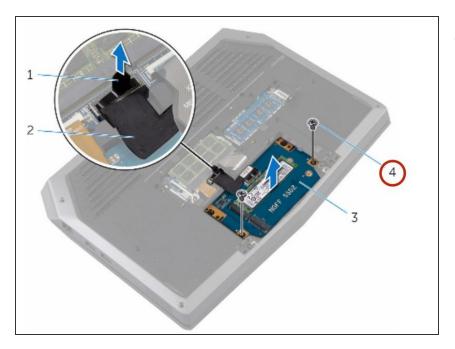
• Remove the screws that secure the solid-state drive assembly to the computer base.



Step 13 — Lifting the Solid-State Assembly

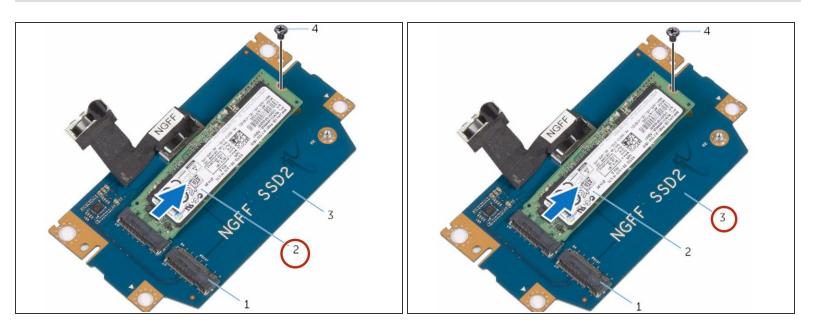
• Lift the solid-state drive assembly off the computer base.

Step 14 — Remove the Screw



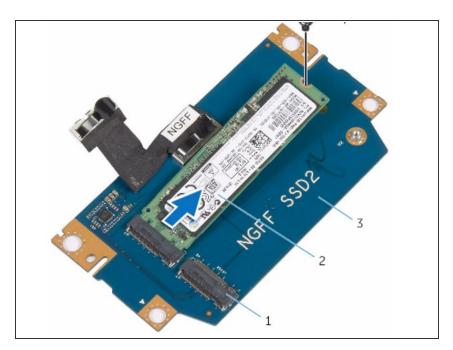
 Remove the screw that secures the solid-state drive to the solid-state drive assembly.

Step 15 — Lift the Solid-State Assembly.



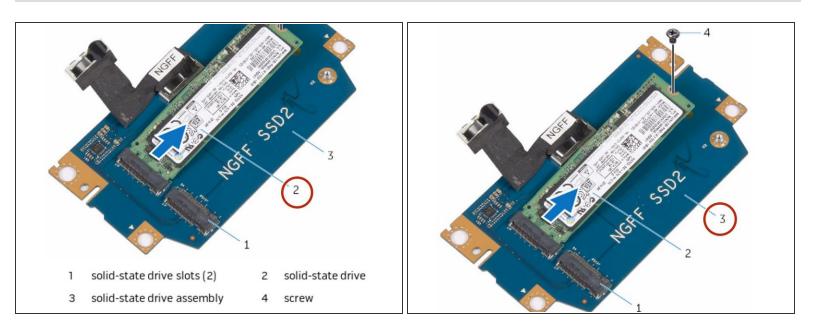
• Slide and lift the solid-state drive off the solid-state drive assembly.

Step 16 — The New Solid-State Drive



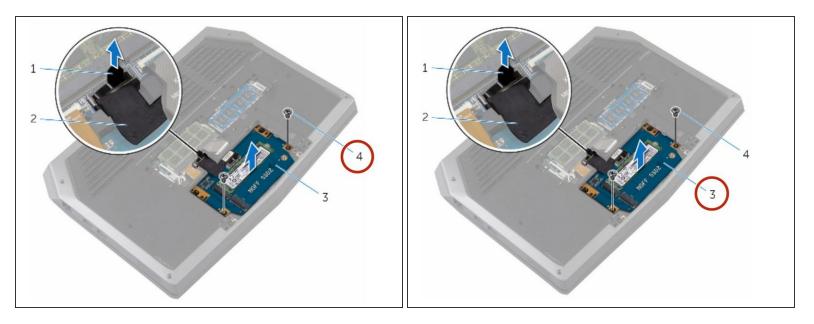
 Slide the NEW solid-state drive into the slot on the solid-state drive assembly.

Step 17 — Screw Replacement

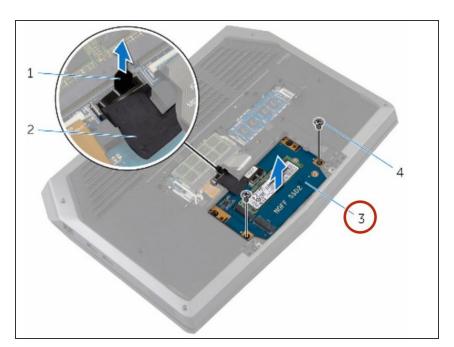


• Replace the screw that secures the solid-state drive to the solid-state drive assembly.

Step 18 — Align the Screws



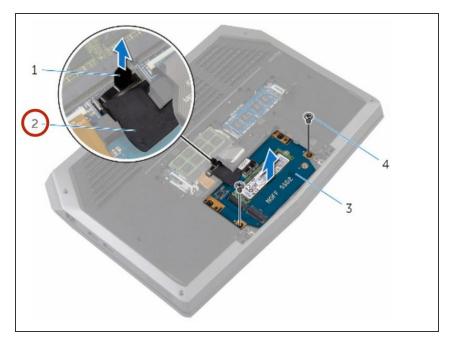
 Align the screw holes on the solid-state drive assembly with the screw holes on the computer base.



Step 19 — Replace the Screws

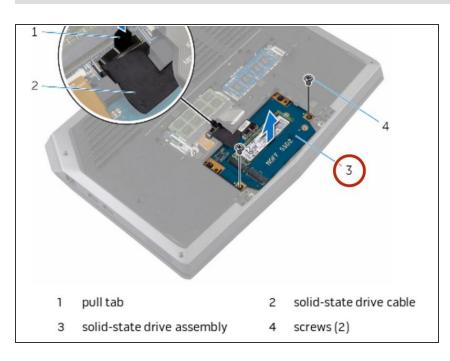
 Replace the screws that secure the solid-state drive assembly to the computer base.

Step 20 — Connect the Cable to the System Board



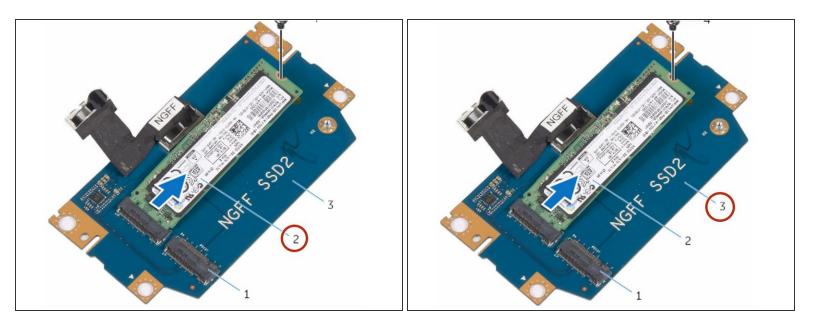
• Connect the solid-state drive cable to the system board.

Step 21 — Align the Screw Holes

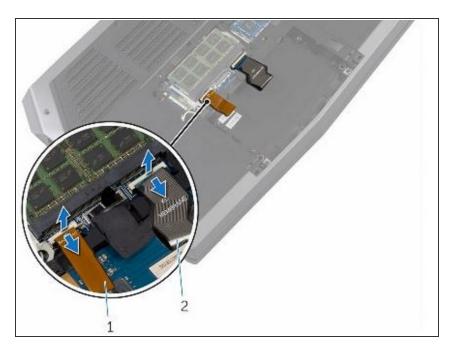


 Align the screw holes on the solidstate drive bracket with the screw holes on the solid-state drive assembly.

Step 22 — Replace the Screws



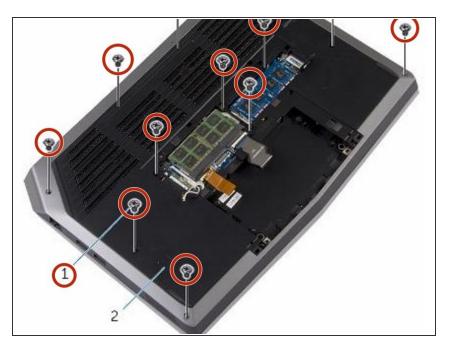
• Replace the screws that secure the solid-state drive bracket to the solid-state drive assembly.



Step 23 — Lifting the Latches

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

Step 24 — Remove the Screws



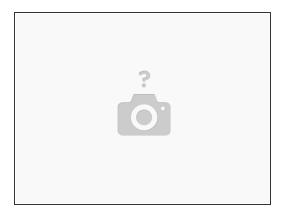
 Remove the screws that secure the palm-rest assembly to the computer base.

Step 25 — Lift the Computer Base



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

Step 26 — Turning the Computer Over



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

Step 27 — Prying the Palm-Rest Assembly



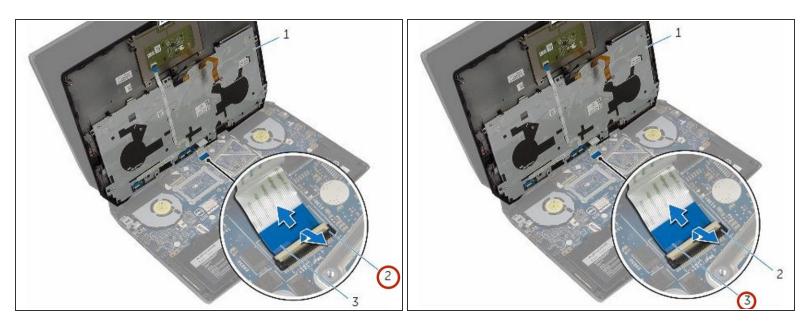
 Using a plastic scribe, pry up along the edges of the palm-rest assembly.

Step 28 — Lift the Palm-Rest Assembly



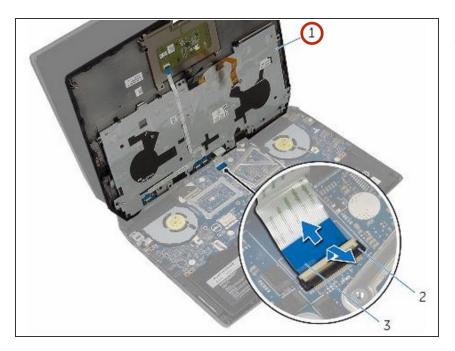
• Gently lift the palm-rest assembly and turn it over.

Step 29 — Lift the Connector Latch



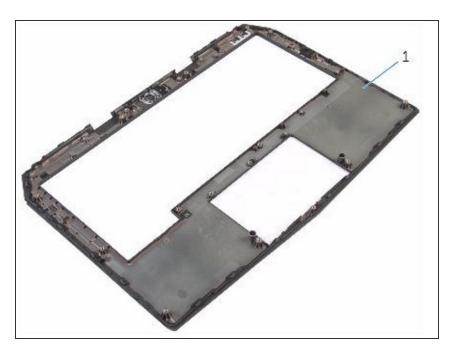
• Lift the connector latch and disconnect the power-button board cable from the system board.

Step 30 — Lift the Palm-Rest Assembly



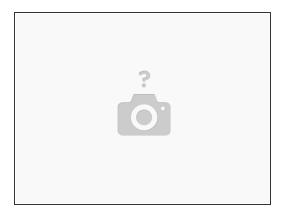
• Lift the palm-rest assembly off the computer base.

Step 31 — Removing



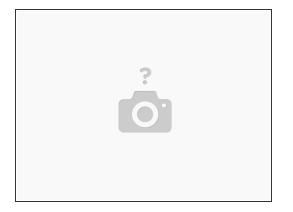
- Remove the keyboard.
- Remove the power-button board.
- Remove the status-light board.
- Remove the Touchpad.

Step 32 — Replacement



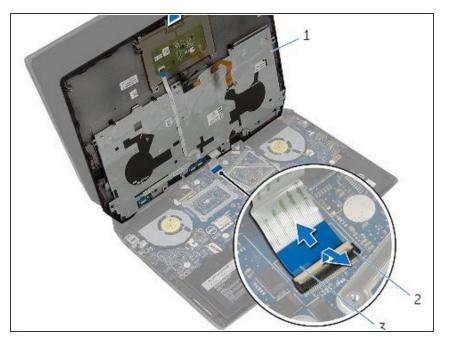
- Replace the touchpad.
- Replace the status-light board.
- Replace the power-button board.
- Replace the keyboard.

Step 33 — Connecting the Power-Button Board Cable



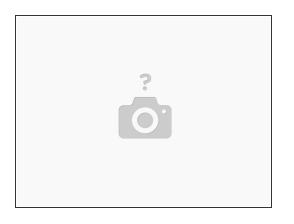
• Connect the power-button board cable to the system board.

Step 34 — Align the Palm-Rest Assembly



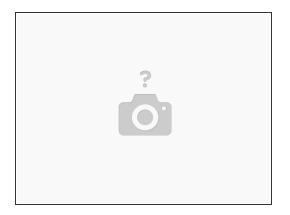
 Align the palm-rest assembly on the computer base and snap it into place.

Step 35 — Close the Display



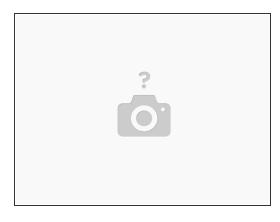
• Close the display and turn the computer over.

Step 36 — Replace the Screws



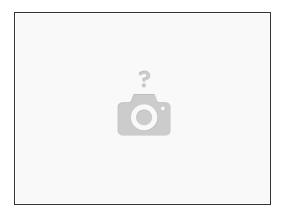
• Replace the screws that secure the palm-rest assembly to the computer base.

Step 37 — Connect the Keyboard Cable



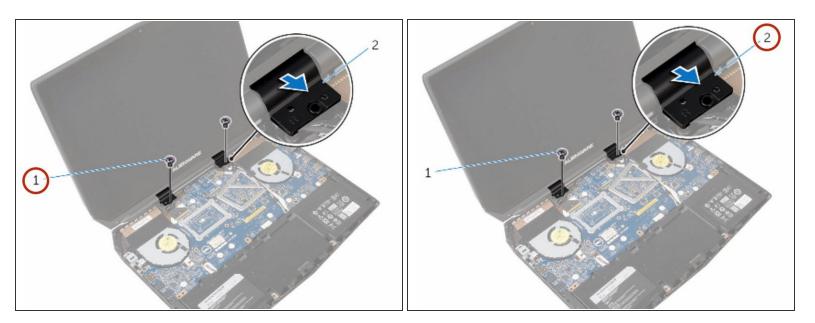
• Connect the keyboard cable and the keyboard-backlight cable to the system board.

Step 38 — Open the Display



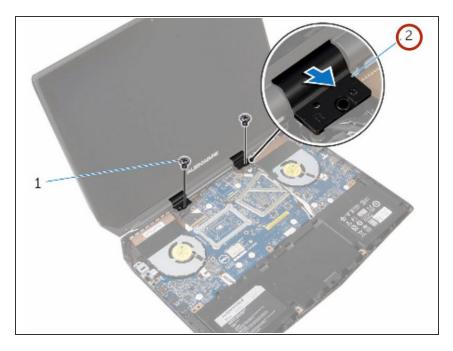
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- Open the display as far as possible.

Step 39 — Remove the Screws



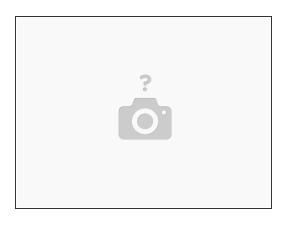
• Remove the screws that secure the hinge caps to the display hinges.

Step 40 — Lifting the Hinge Caps



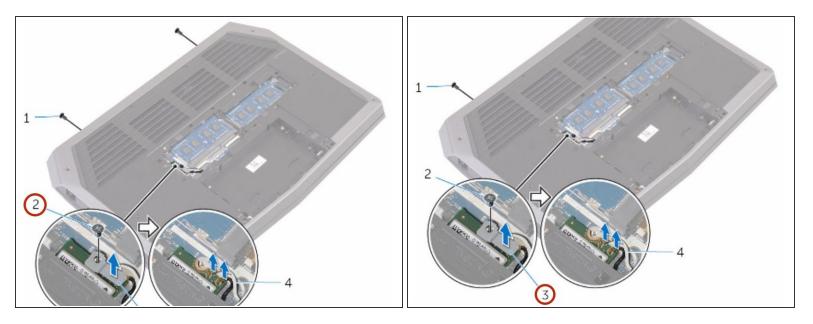
• Slide and lift the hinge caps off the display hinges.

Step 41 — Close the Display

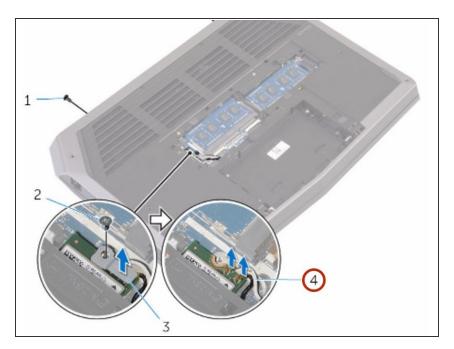


• Close the display and turn the computer over.

Step 42 — Remove the Screw



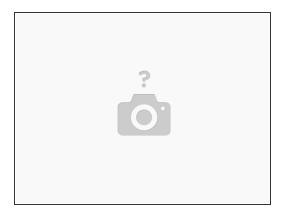
• Remove the screw that secures the wireless-card bracket to the wireless card.



Step 43 — Disconnect the Antenna Cables

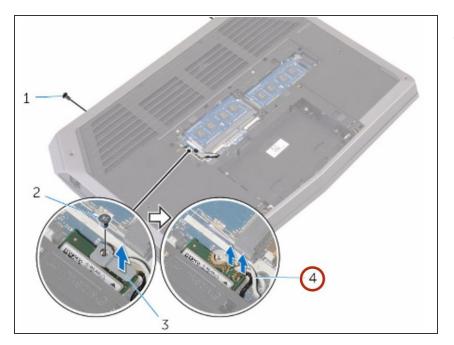
• Disconnect the antenna cables from the wireless card.

Step 44 — Turn the Computer Over



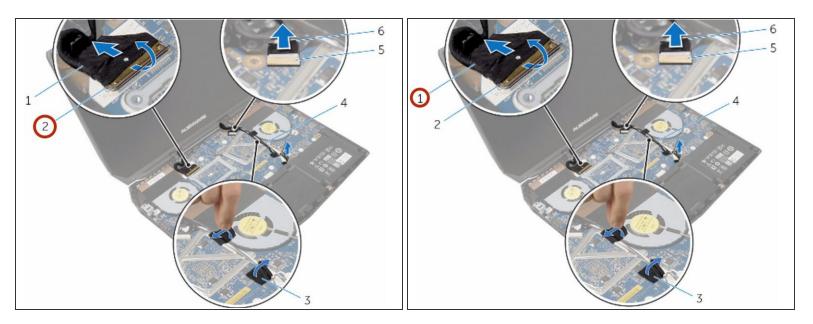
• Turn the computer over and open the display.

Step 45 — Remove the Antenna Cables



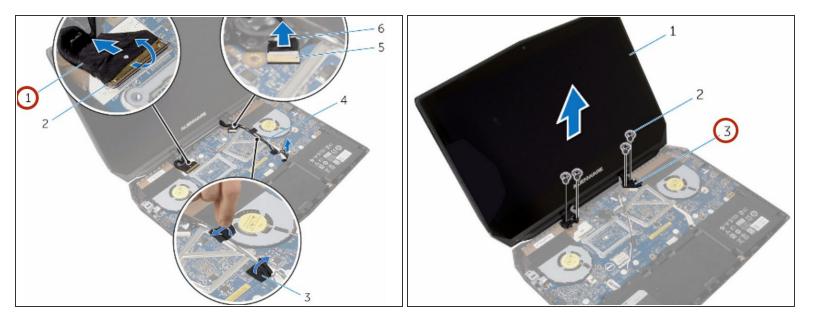
 Remove the antenna cables from the routing guides on the display hinges.

Step 46 — Disconnect the Display Cable



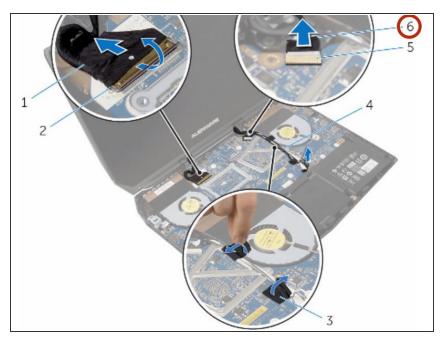
• Lift the connector latch and disconnect the display cable from the system board.

Step 47 — Remove the Display Cable



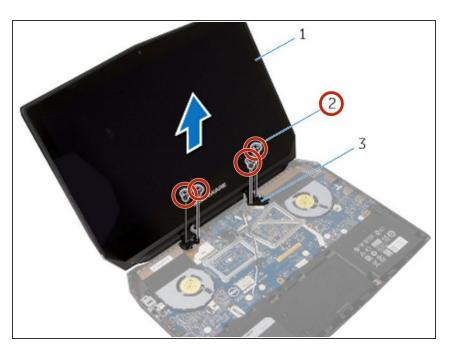
• Remove the display cable from the routing guides on the display hinges.

Step 48 — Disconnect the Logo-Board Cable



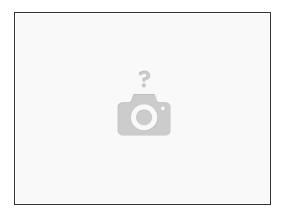
 Disconnect the logo-board cable from the system board and remove it from the routing guides on the display hinges.

Step 49 — Remove the Screws



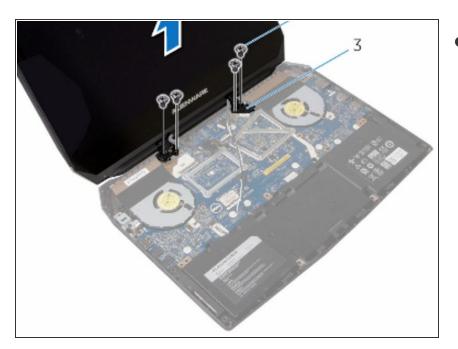
 Remove the screws that secure the display assembly to the computer base.

Step 50 — Lifting the Display Assembly



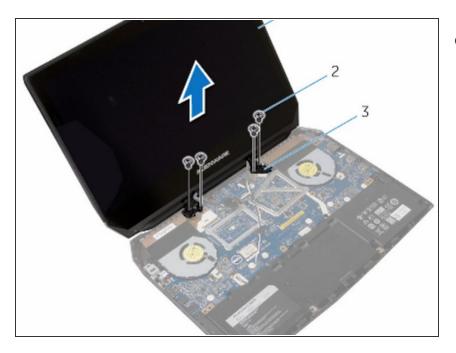
• Lift the display assembly off the computer base.

Step 51 — Align the Screw Holes



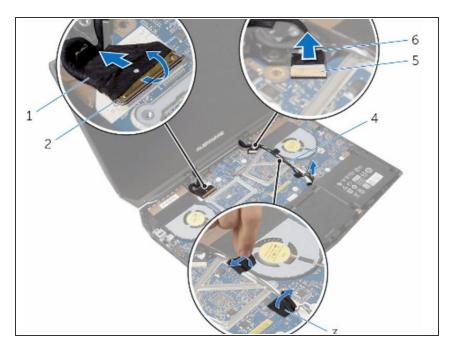
 Align the screw holes on the display hinges with the screw holes on the computer base.

Step 52 — Replace the Screws



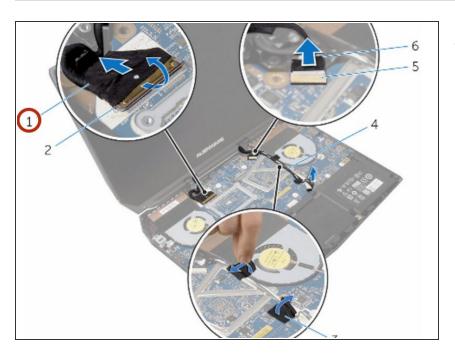
• Replace the screws that secure the display hinges to the computer base.

Step 53 — Routing the Logo-Board Cable



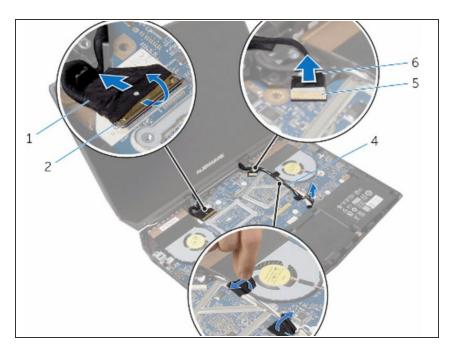
 Route the logo-board cable through the routing guides on the display hinge and connect the logo-board cable to the system board.

Step 54 — Route the Cable



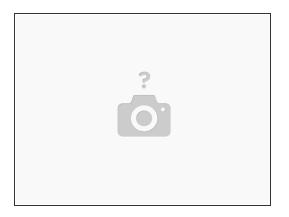
• Route the display cable through the routing guides on the display hinge.

Step 55 — Slide the Display Cable



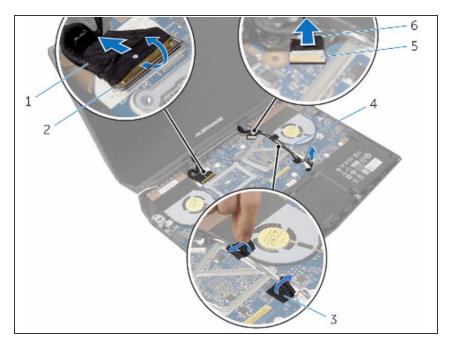
 Slide the display cable into the connector on the system board and press down the latch to secure the cable.

Step 56 — Route the Antenna Cables



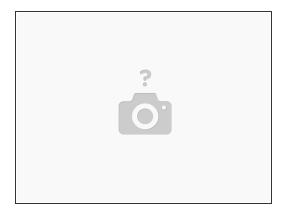
• Route the antenna cables through the routing guides on the display hinges.

Step 57 — Adhere the Adhesive Tapes



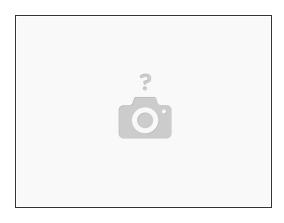
 Adhere the adhesive tapes that secure the antenna cables to the system board.

Step 58 — Close the Display



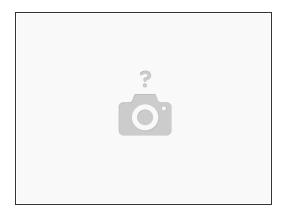
• Close the display and turn the computer over.

Step 59 — Connect the Antenna Cables



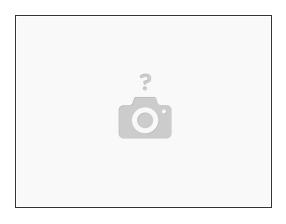
• Connect the antenna cables to the wireless card.

Step 60 — Replace the Screw



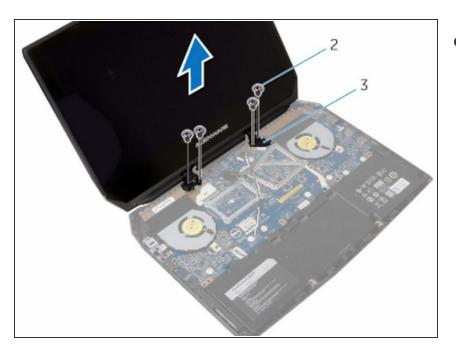
• Replace the screw that secures the wireless-card bracket to the wireless card.

Step 61 — Open the Display



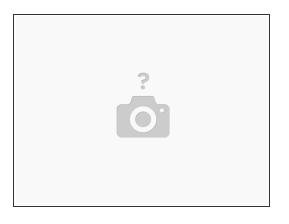
• Turn the computer over and open the display.

Step 62 — Align the Screw Holes



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

Step 63 — Replace the Screws



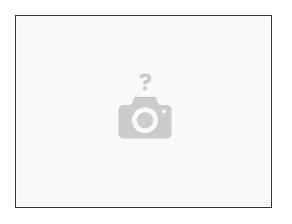
• Replace the screws that secure the hinge caps to the display hinges.

Step 64 — Prying the Edges



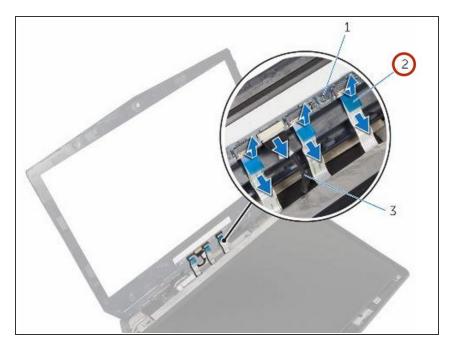
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 <u>Computer</u>.
- Using your fingertips, carefully pry up the inside edges of the display bezel.

Step 65 — Turn it Over



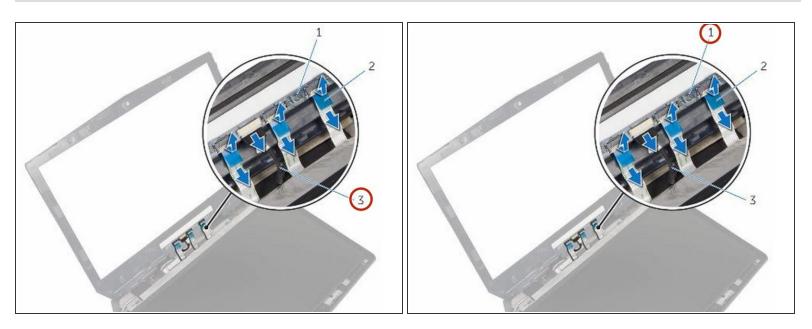
• Carefully lift the display bezel and turn it over.

Step 66 — Lifting the Latches



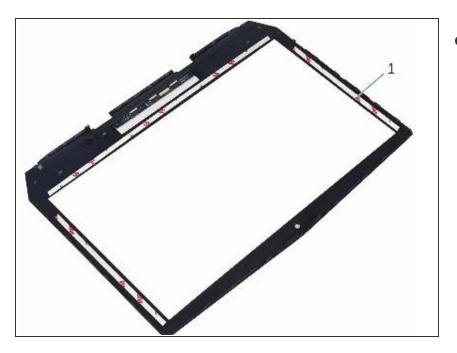
 Lift the connector latches and disconnect the display-board cables from the logo board.

Step 67 — Disconnect the Logo-Board Cable



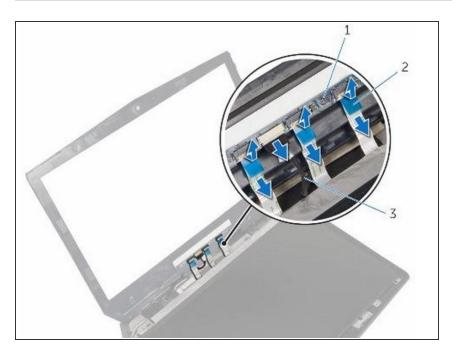
• Disconnect the logo-board cable from the logo board.

Step 68 — Connect the Logo Board Cable



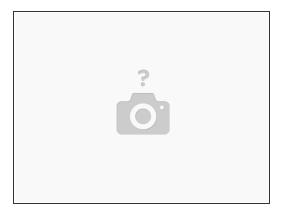
Connect the logo-board cable to the logo board.

Step 69 — Slide the Display-Board Cables



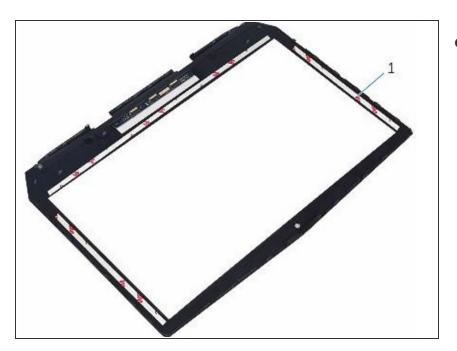
 Slide the display-board cables to their respective connectors on the logo board and press down the latches to secure the cables.

Step 70 — Turn the Display Bezel Over



• Turn the display bezel over.

Step 71 — Align the Bezel



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

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