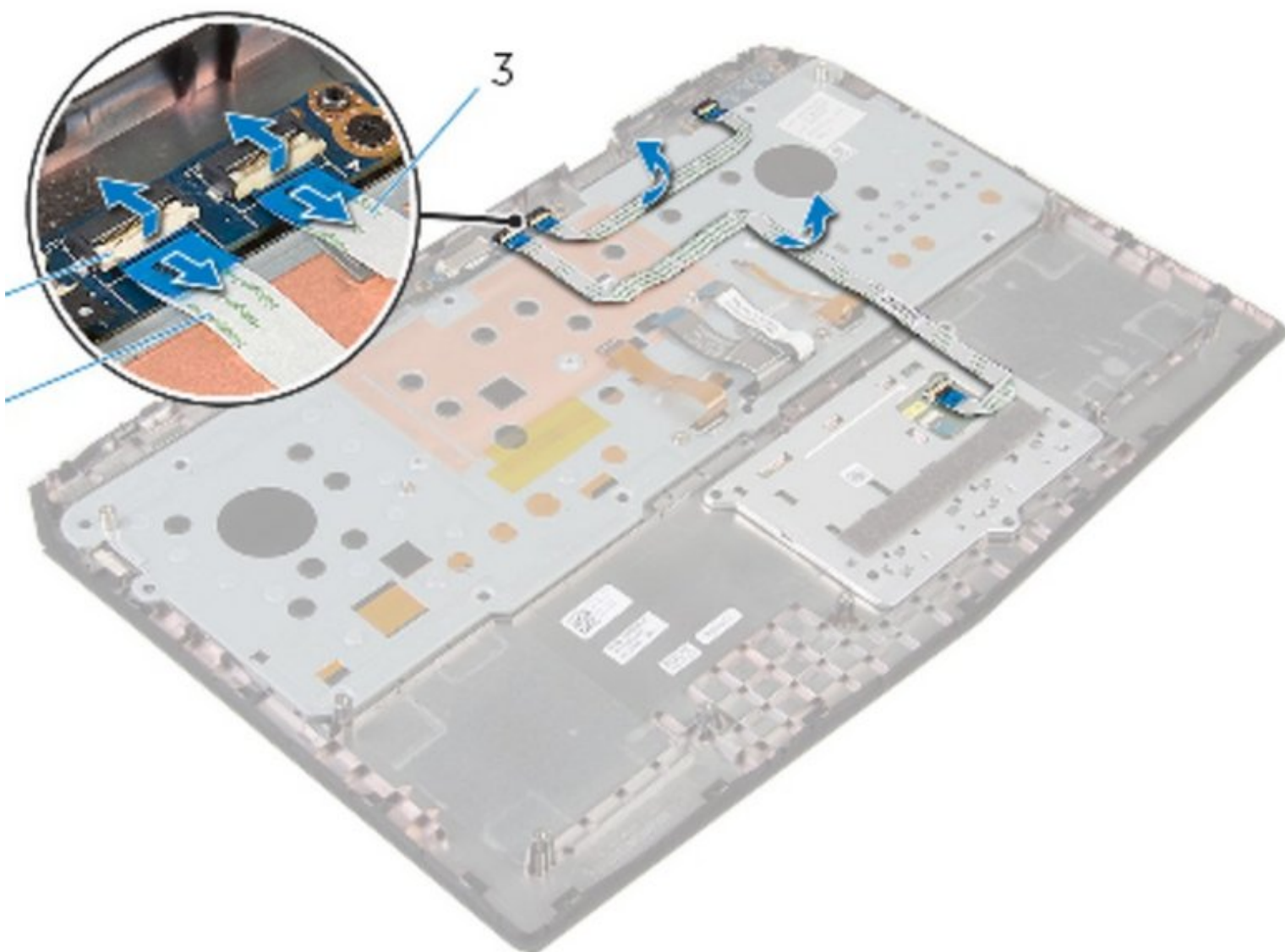# Alienware 17 R2 Keyboard Replacement

In this guide, I will be showing you how to remove and replace the keyboard on your alienware 17 r2

Written By: Terrence15

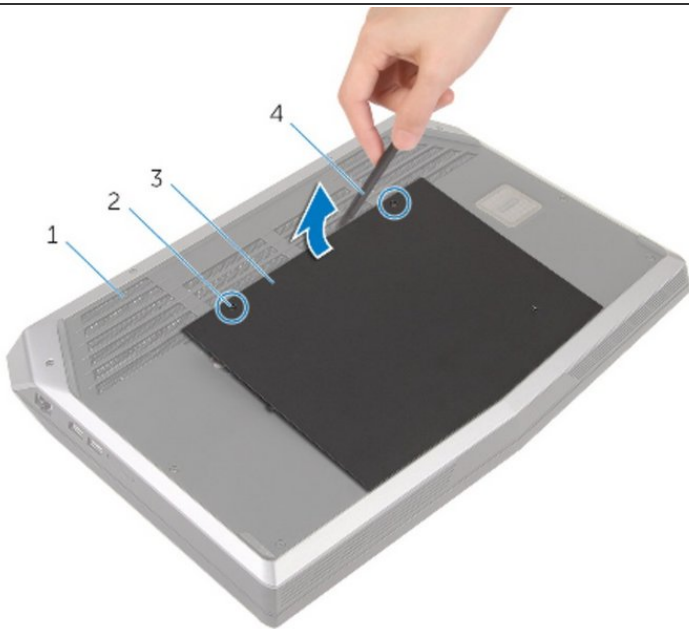www.iFixit.com

🔧 TOOLS:

- [Phillips #0 Screwdriver](#) (1)

www.iFixit.com

Step 1 — 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]().
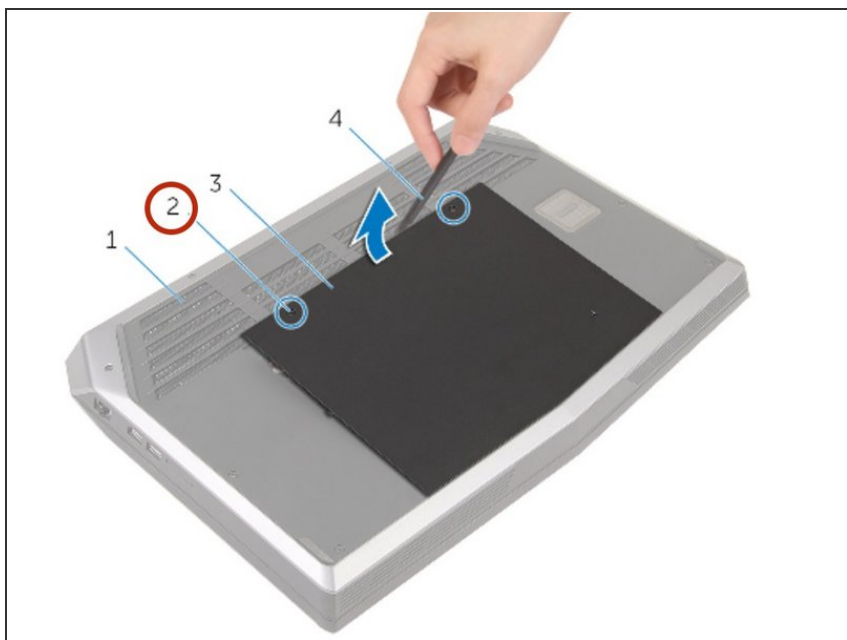
Step 2 — Close the Display

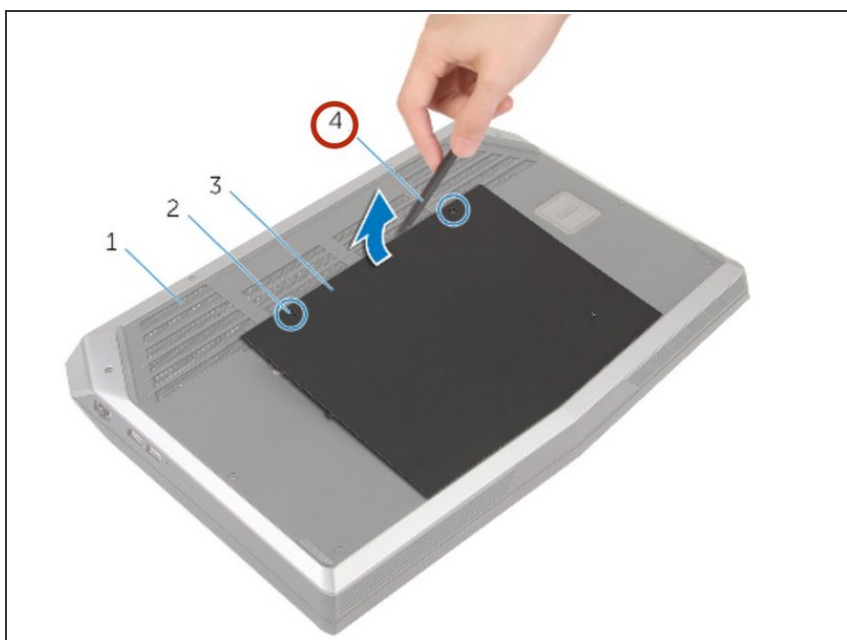- Close the display and turn the computer over.

⚠️ Make sure PC is turned off!
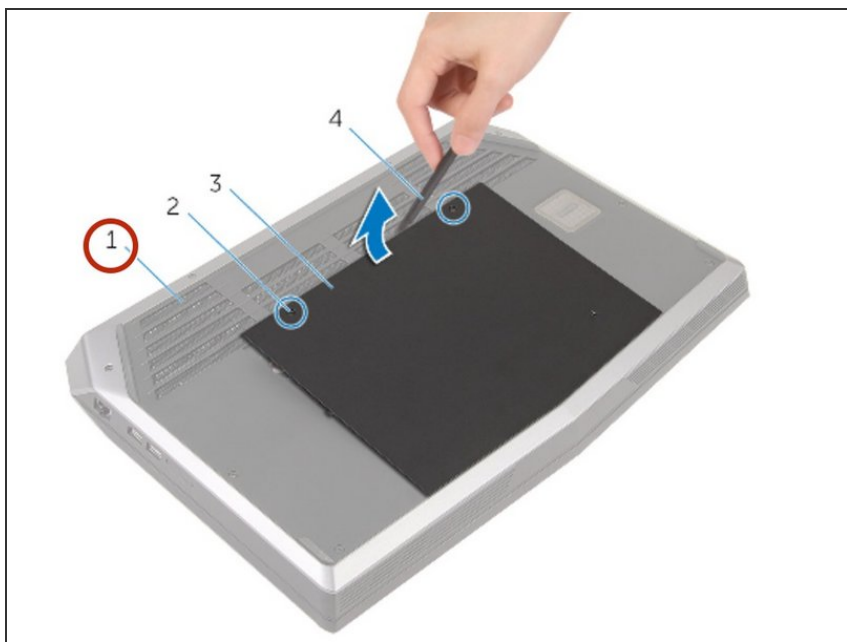
Step 3 — Loosen Screws

- Loosen the captive screws that secure the base panel to the computer base.
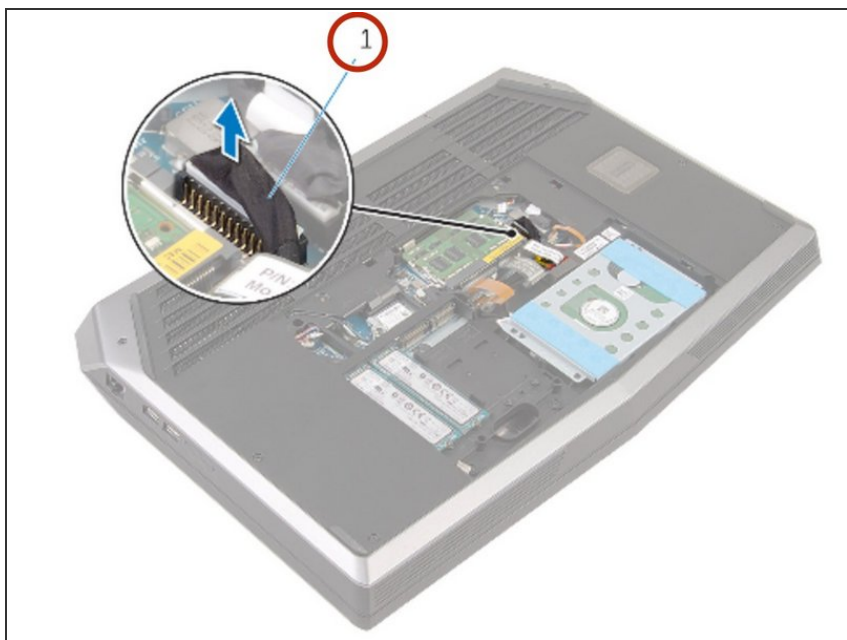
Step 4 — Releasing Tabs

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

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Step 5 — Remove Base Panel

- Slide and remove the base panel from the computer base.

Step 6 — Disconnect Battery Cable

- Disconnect the Battery cable from the system board.

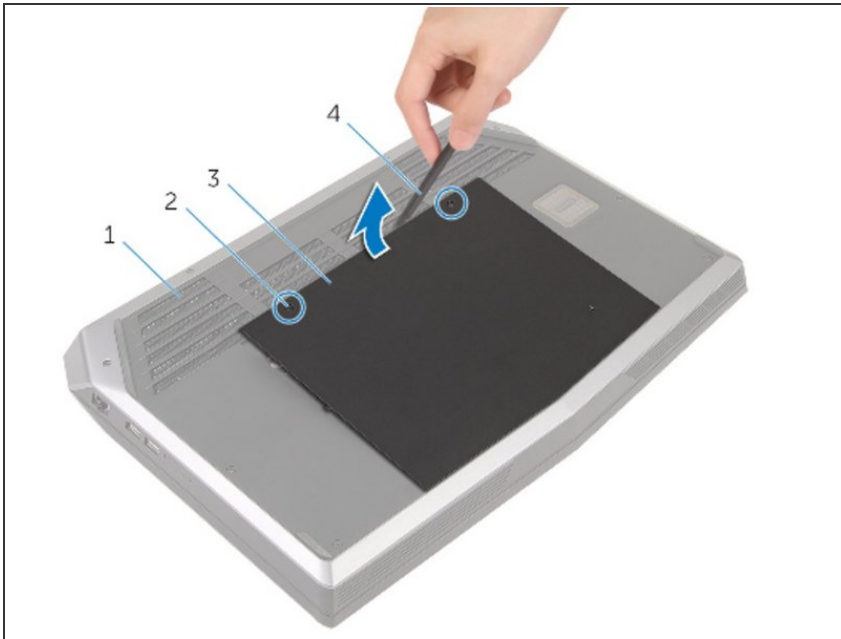This document was generated on 2019-09-26 10:13:56 PM (MST).

Step 7 — Turn PC Over

- Turn the computer over.

Step 8 — Power

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

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Step 9 — Battery Cable

- Connect the battery cable to the system board.

Step 10 — Tighten Screws

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

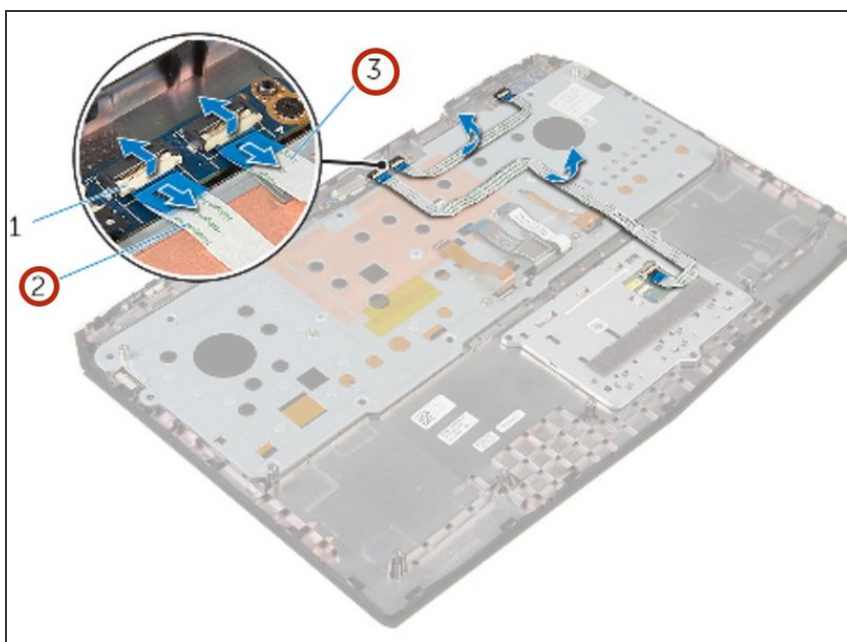This document was generated on 2019-09-26 10:13:56 PM (MST).

Step 11 — Disconnecting the Touch Pad-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.
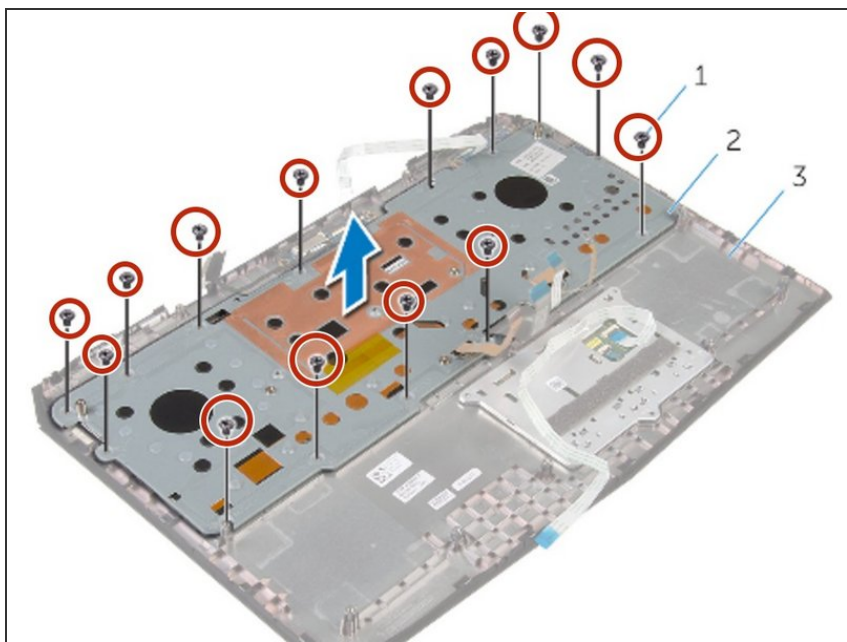
ⓘ Make sure the base panel is removed.

ⓘ Make sure palm rest is removed.

● Lift the latches and disconnect the touch-pad cable and the status-light cable from the power-button board.

Step 12 — Peel off the Cables

● Note the touch-pad cable and status-light cable routing and peel off the cables from the keyboard bracket.

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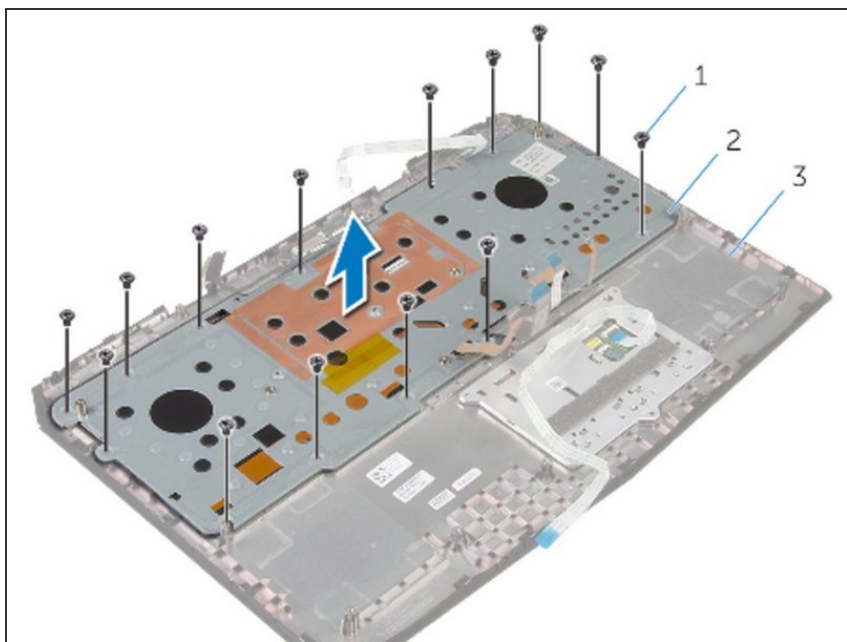
Step 13 — Screw Removal

- Remove the screws that secure the keyboard bracket to the palm-rest assembly.
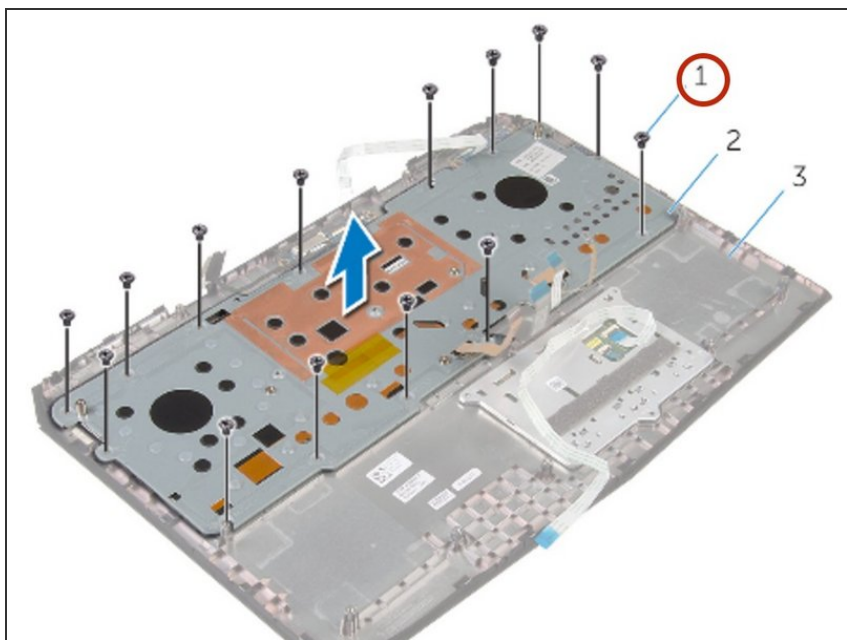
Step 14 — Sliding the Cables

- Slide the keyboard cable, keyboard-backlight cable, macro-keys cable and macro-keys backlight cable through the slot on the keyboard bracket.

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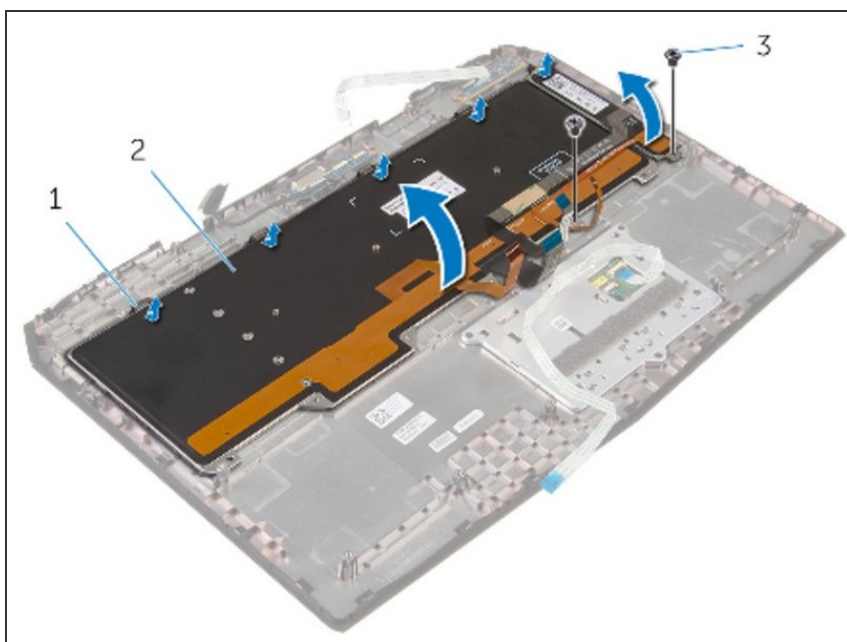
Step 15 — Lifting the Keyboard Bracket

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

Step 16

- Remove the screws that secure the keyboard to the palm rest assembly.

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Step 17 — Releasing the Tabs

- Release the tabs that secure the keyboard to the palm-rest assembly.

Step 18 — Lifting the Keyboard
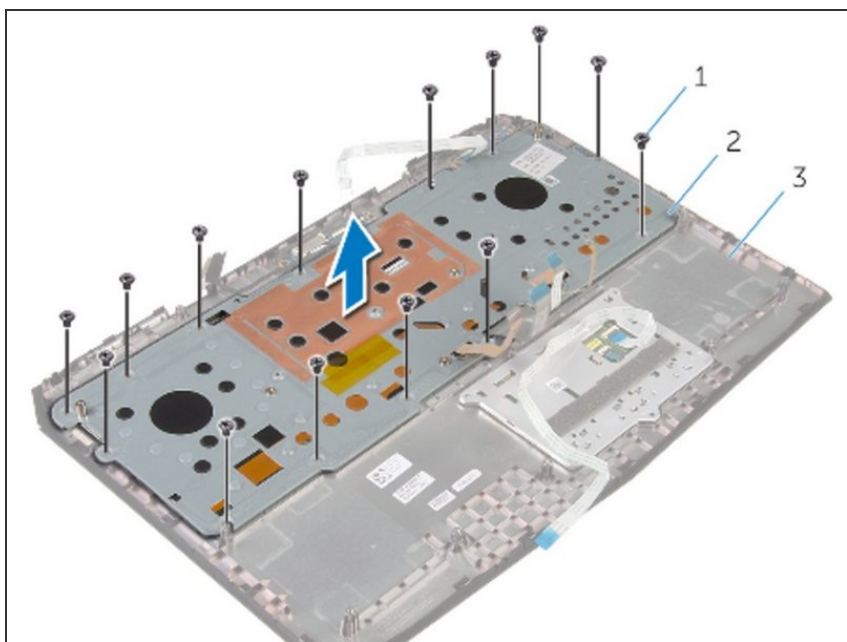
- Slide and lift the keyboard along with the cables off the palm-rest assembly.

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Step 19 — Inserting the New Keyboard

- Slide the **new** keyboard under the tabs on the palm-rest assembly.

Step 20 — Screw Alignment

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

Step 21 — Screw Replacement

- Replace the screws that secure the keyboard to the palm-rest assembly.
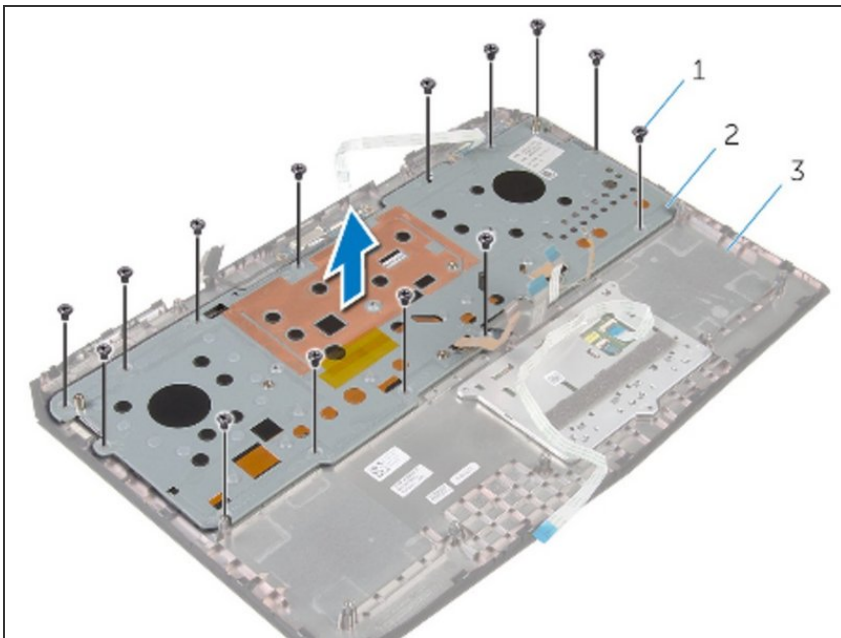
Step 22 — Routing through the Bracket

- Route the keyboard cable, keyboard-backlight cable, marco-keys cable and marco-keys backlight cable through the slots on the keyboard bracket.

Step 23 — Screw Alignment

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

Step 24 — Replace the Screws

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

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Step 25 — Adhering the Cable

- Adhere the touch-pad cable and status-light cable to the keyboard bracket.

Step 26 — Securing the Cables

- Slide the touch-pad cable and the status-light cable into their respective connectors on the power-button board and press down the latches to secure the cables.

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

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