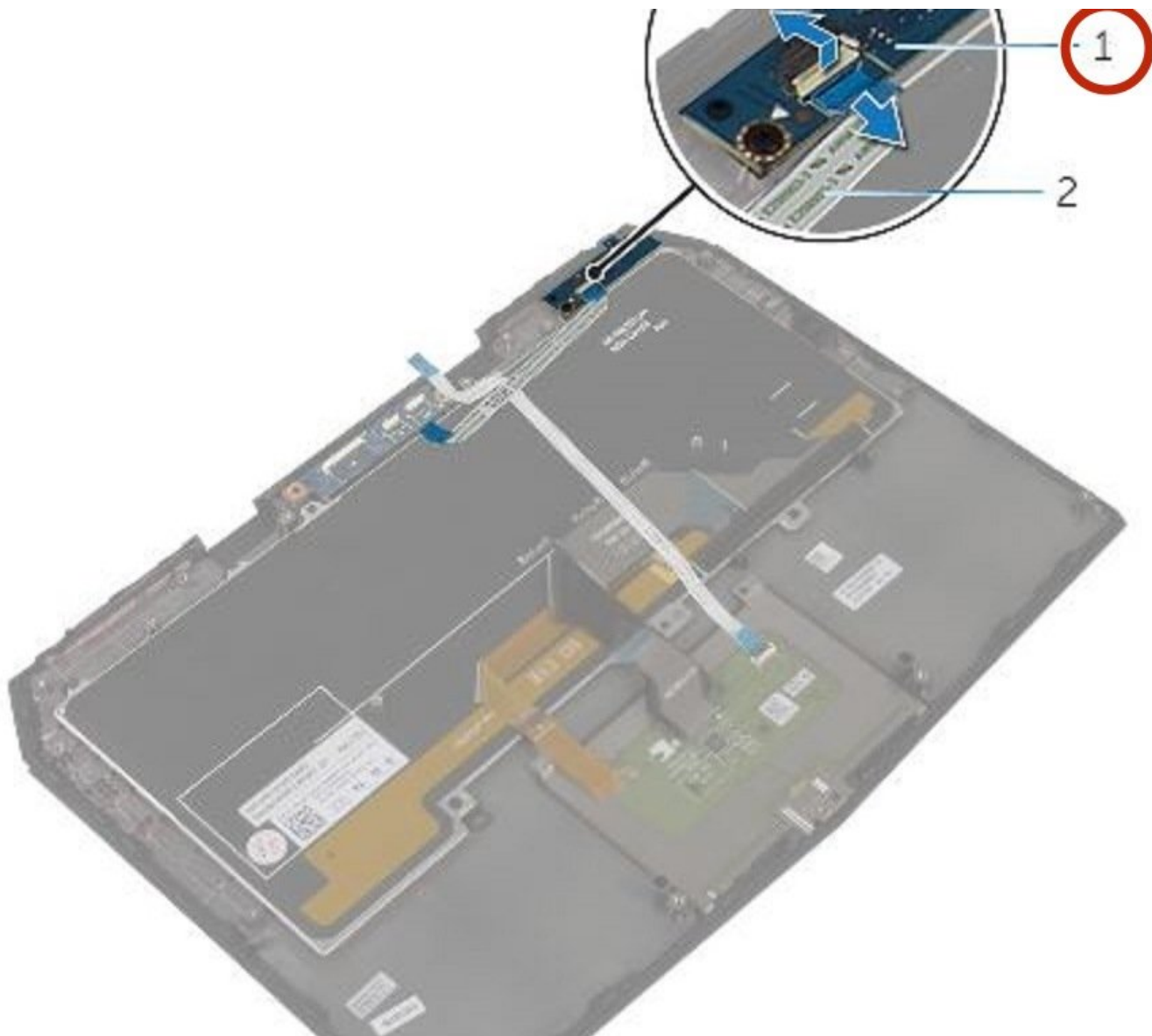# Dell Alienware 13 Status-Light Board Replacement

Dell Alienware 13 Status-Light Board Replacement

Written By: Terrence15

INTRODUCTION

In this guide, we will show you how to remove and replace the status-light board.

🔧 TOOLS:

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

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.
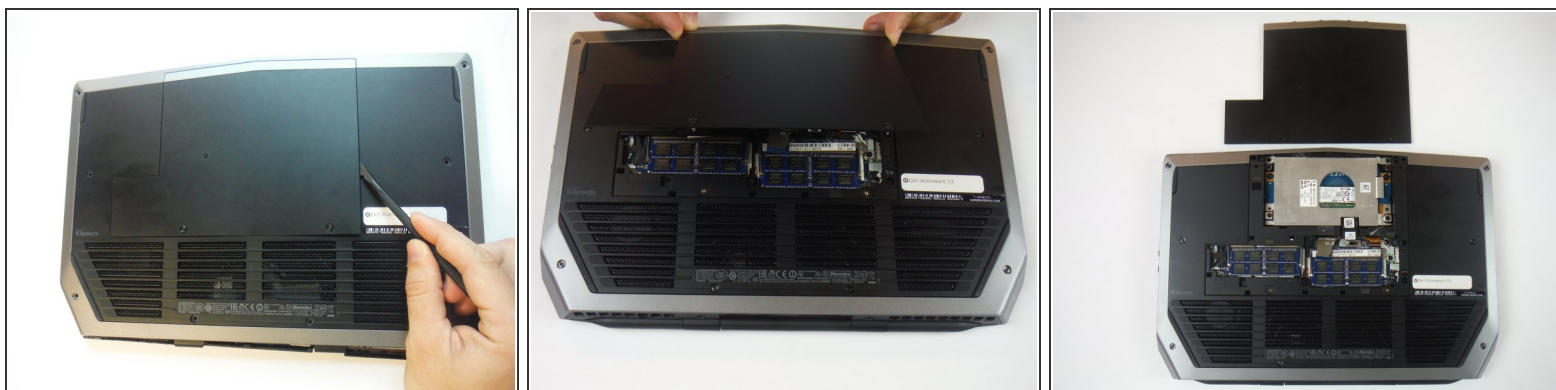
● Close the device and turn the device over.

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.
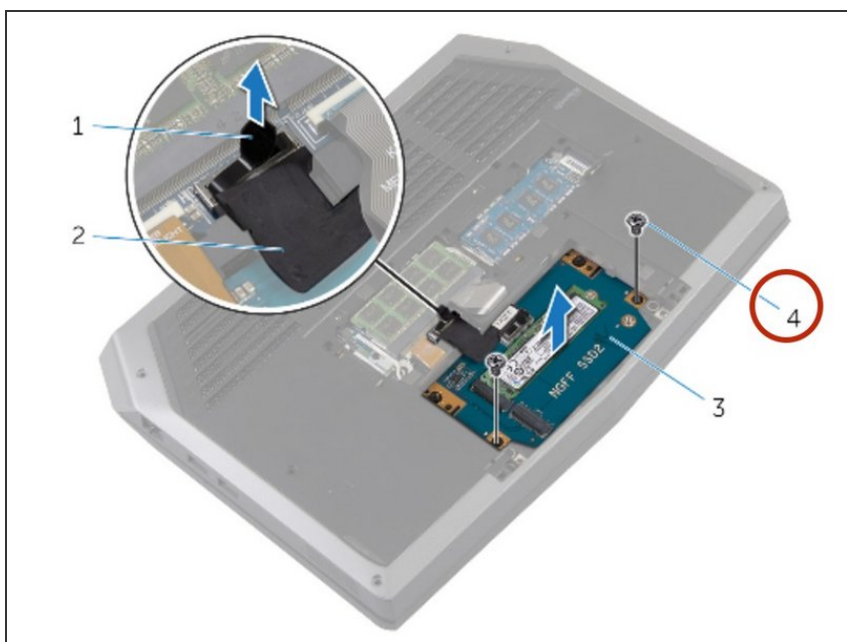
Step 5 — Pull Tab

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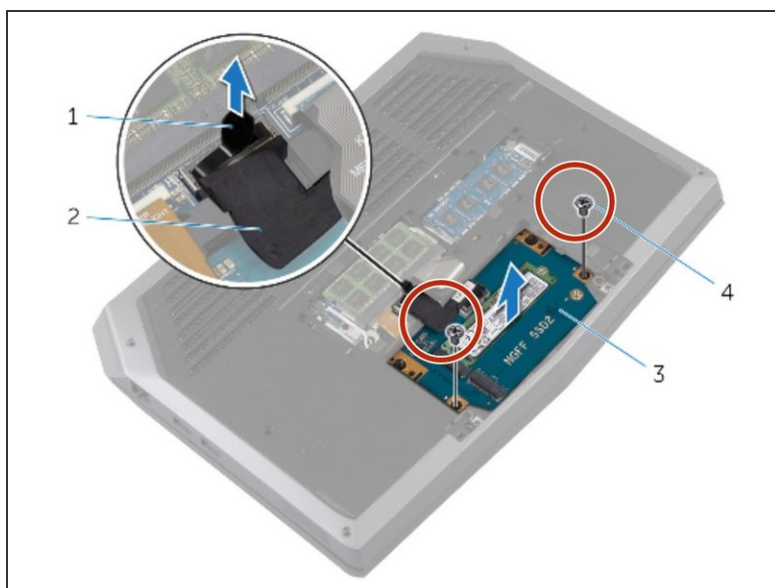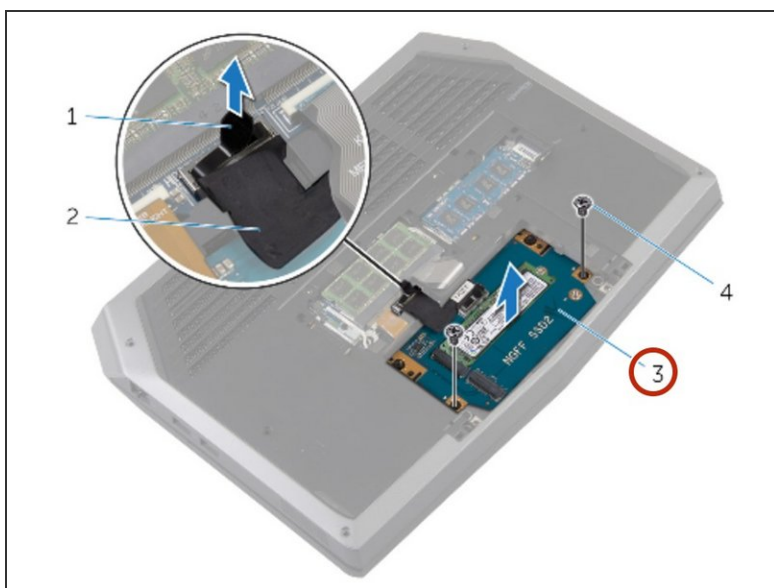
Step 6 — Disconnecting the State Drive

- Using the pull tab, disconnect the solid-state drive cable from the system board.
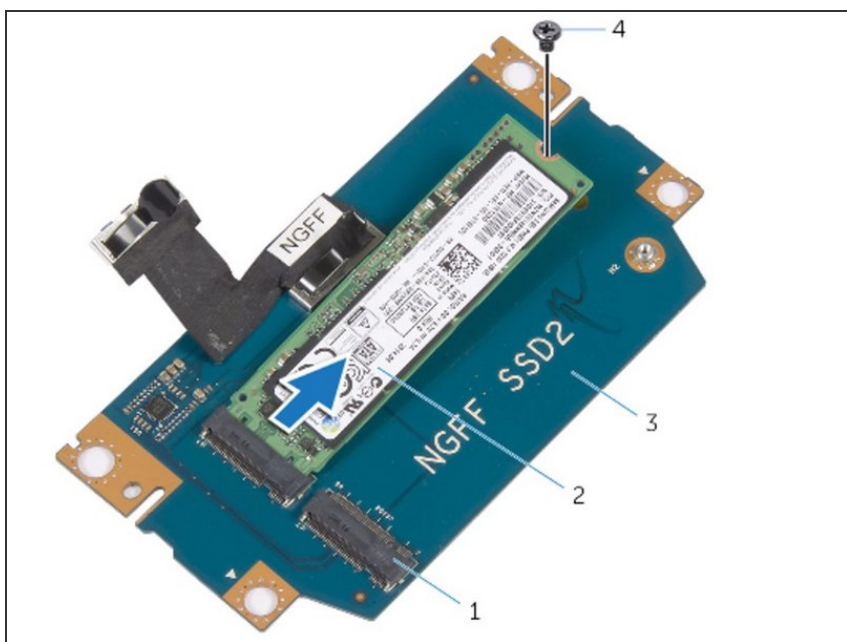
Step 7 — Remove Screws

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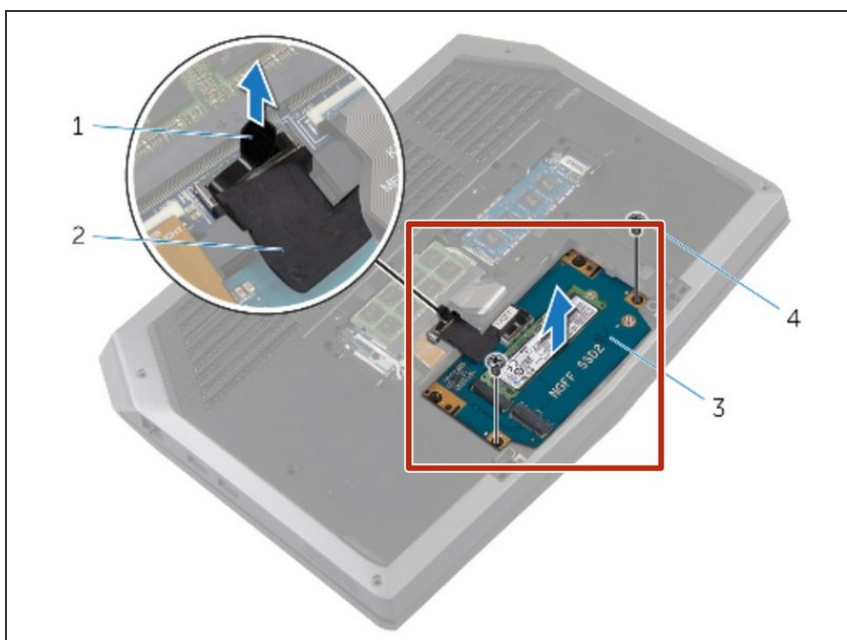
Step 8 — Solid-State Drive Assembly Lift

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

- Make sure the screws are off the solid-state assembly.
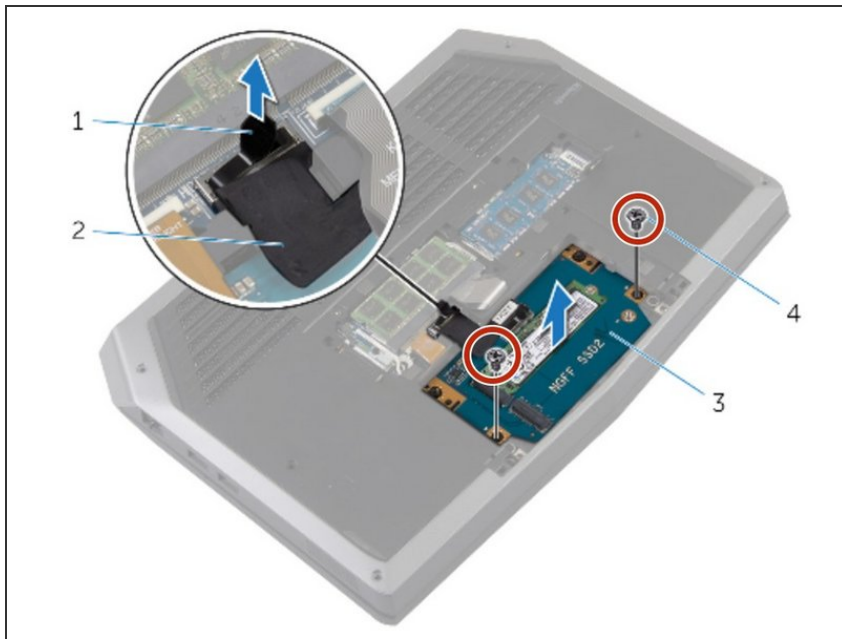
Step 9 — Slide and Lift

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

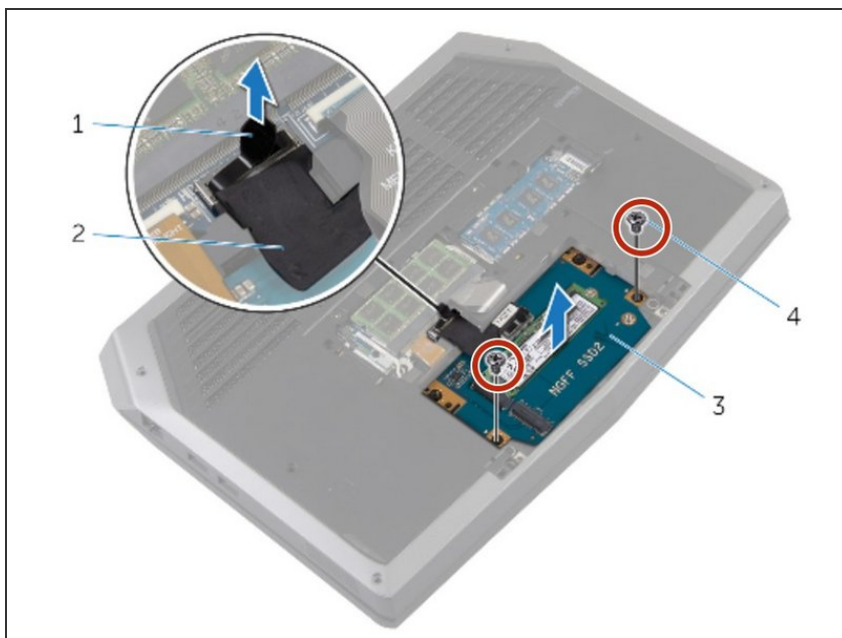## Step 10 — Replacing the Solid-State Drive

- ⚠ 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.

This document was generated on 2021-01-25 02:06:02 PM (MST).
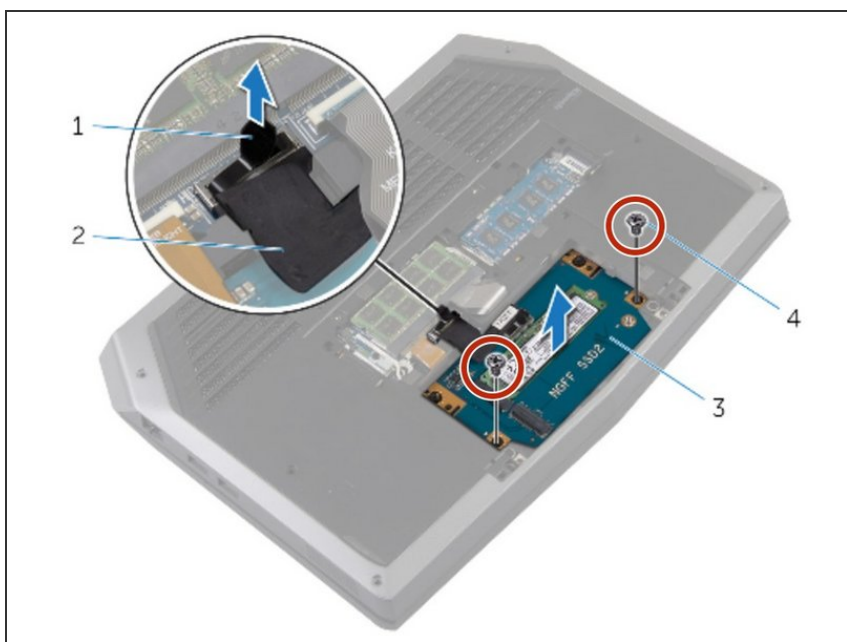
Step 11 — Replace the Screw

- Replace the screw that secures the solid-state drive assembly with the screw holes on the computer base.
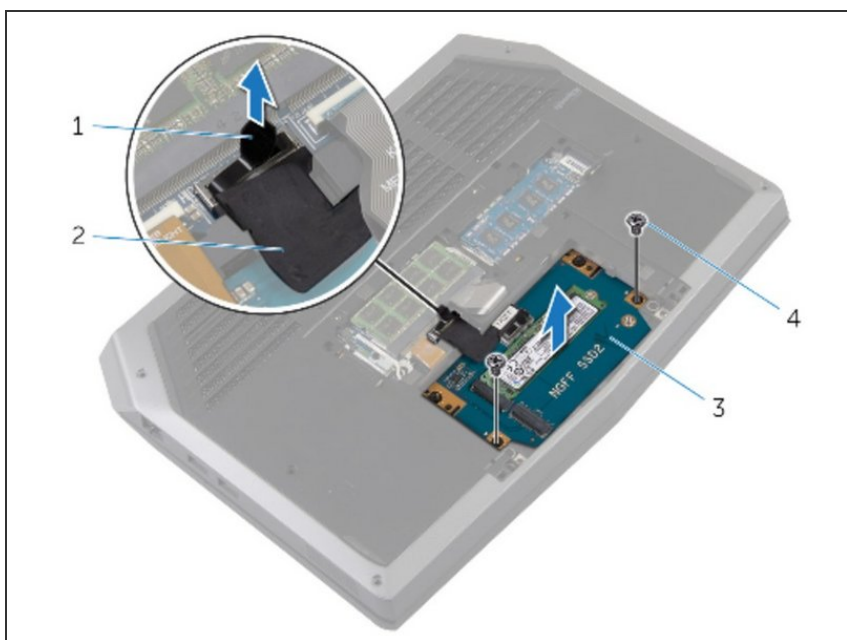
Step 12 — Screw Align

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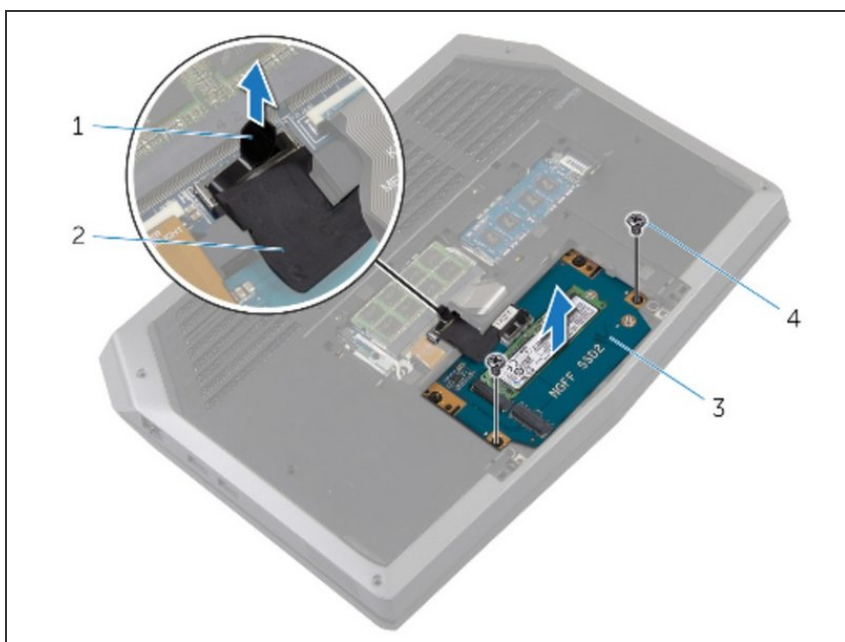
Step 13 — Screw Replacement

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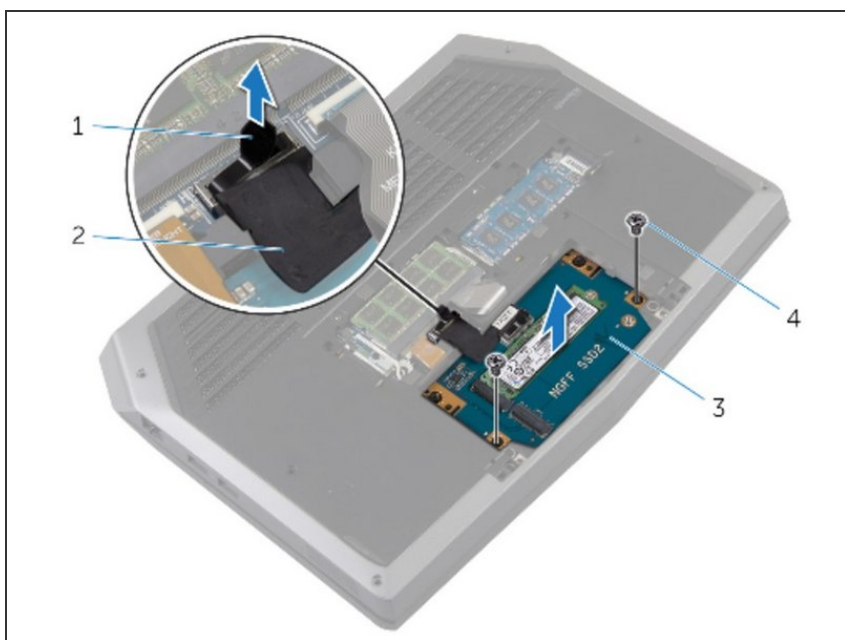
Step 14 — Connecting the Drive

- Connect the solid-state drive cable to the system board.
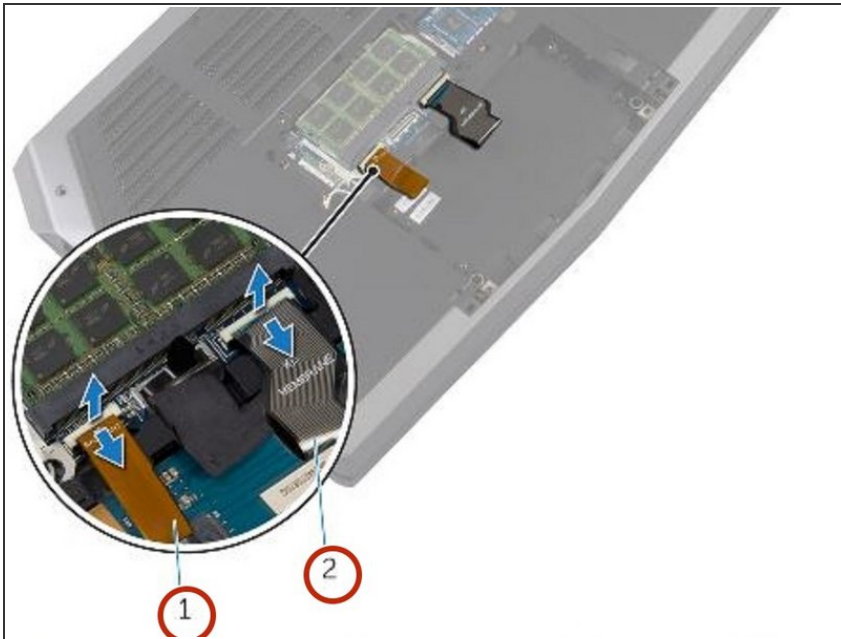
Step 15 — Aligning Screws

● 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.

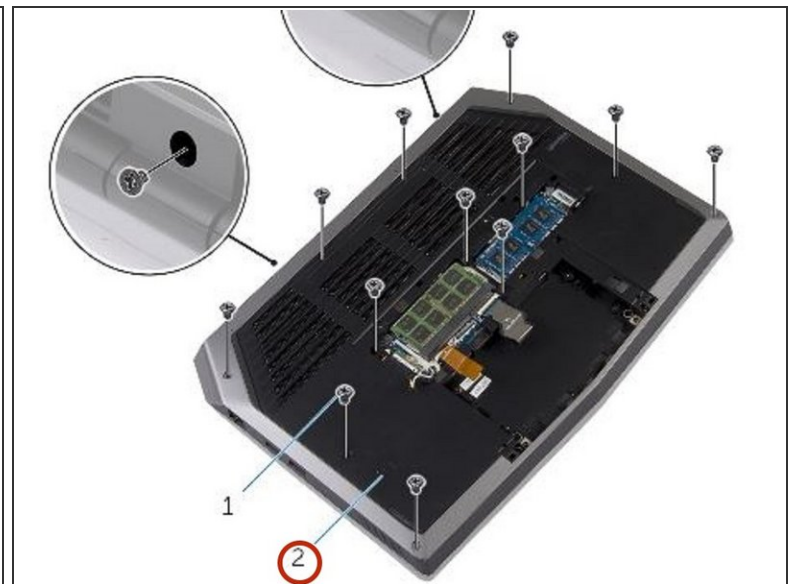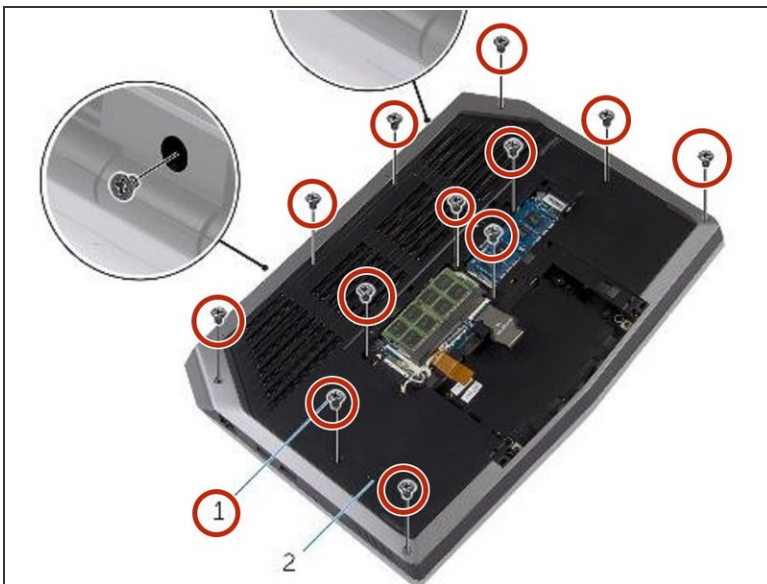This document was generated on 2021-01-25 02:06:02 PM (MST).

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.

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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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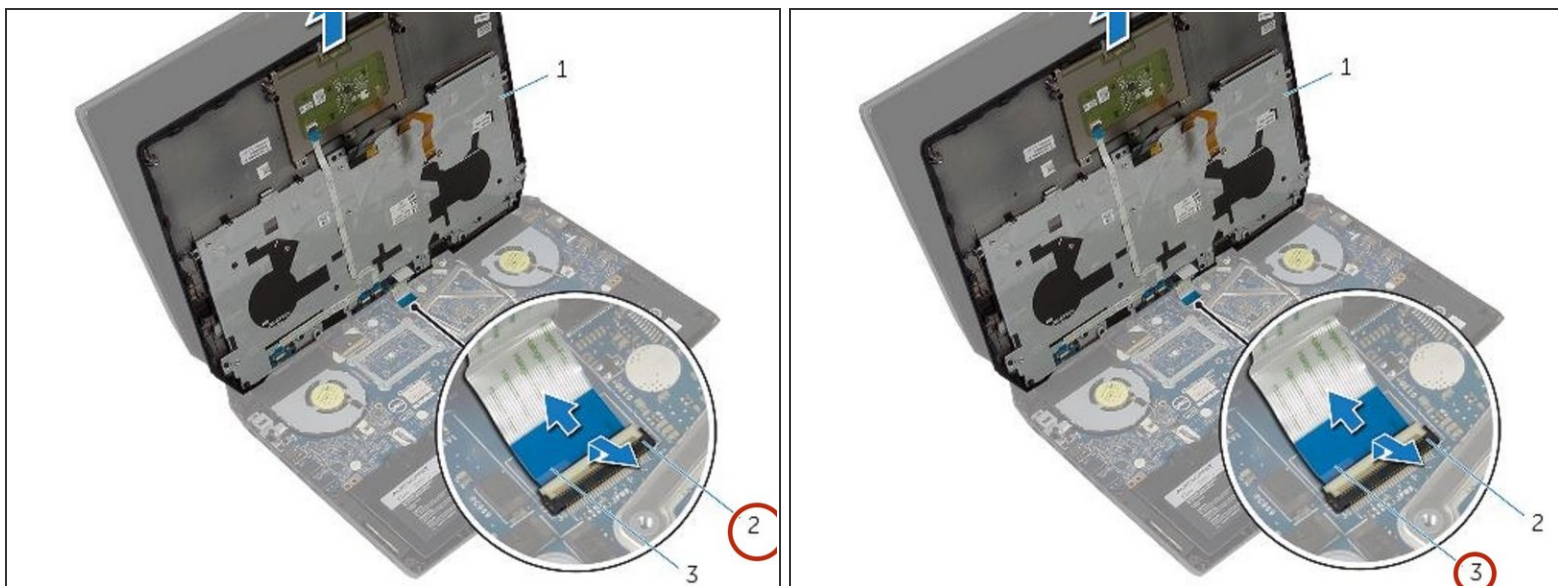
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Step 21 — Prying the Edges

- 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.
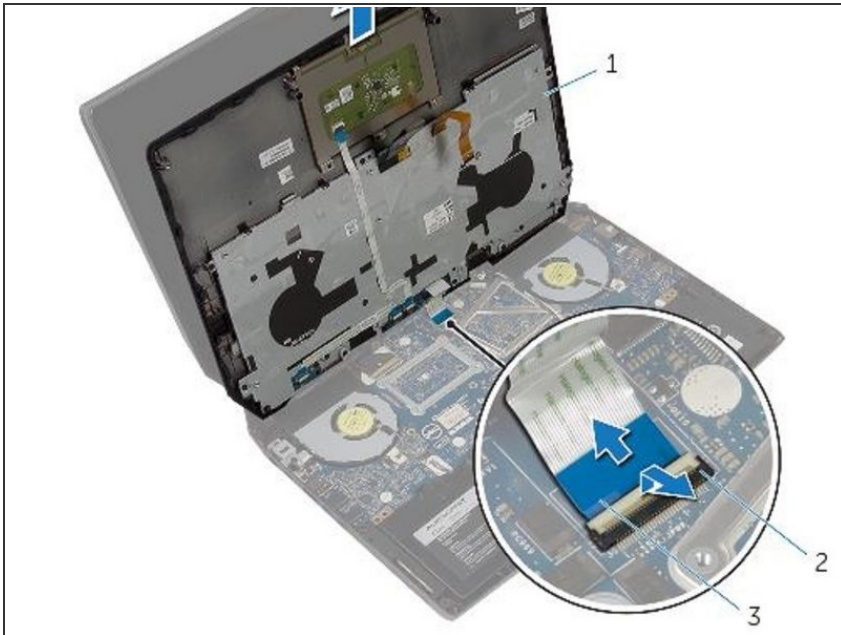
Step 24 — Removing Parts

- Remove the Keyboard.

- Remove the power-button board.

- Remove the status-light board.

- Remove the touchpad.
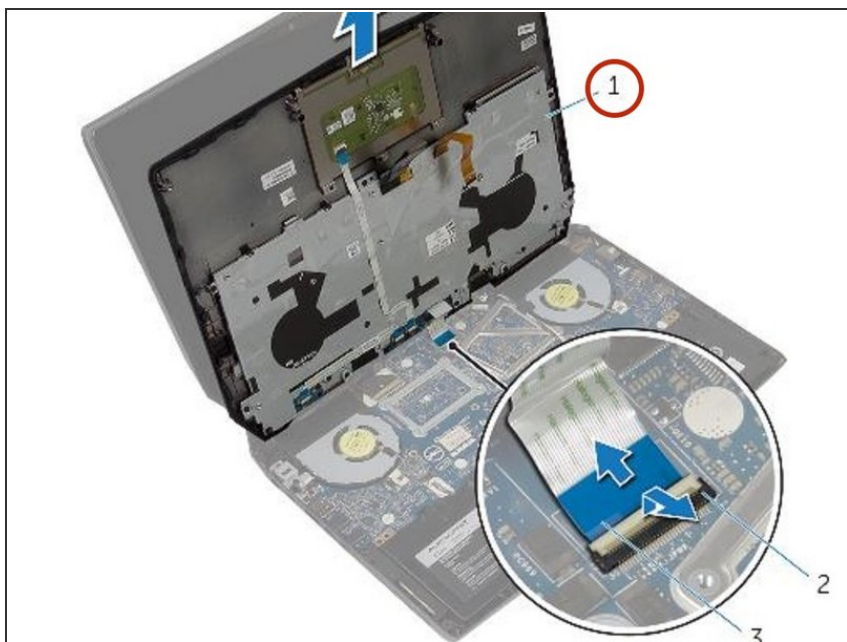
Step 25 — Replacement

- 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.

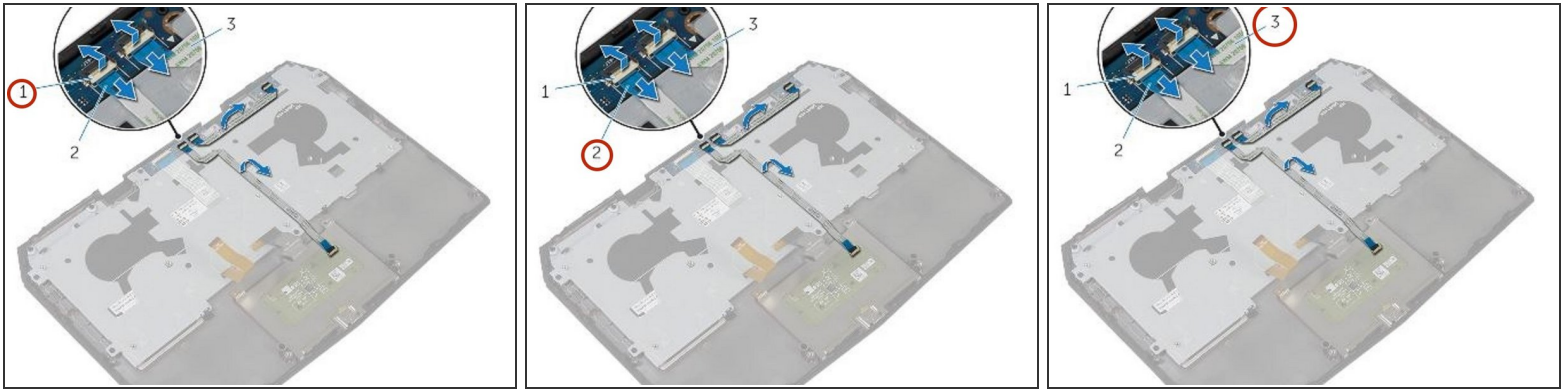This document was generated on 2021-01-25 02:06:02 PM (MST).

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.
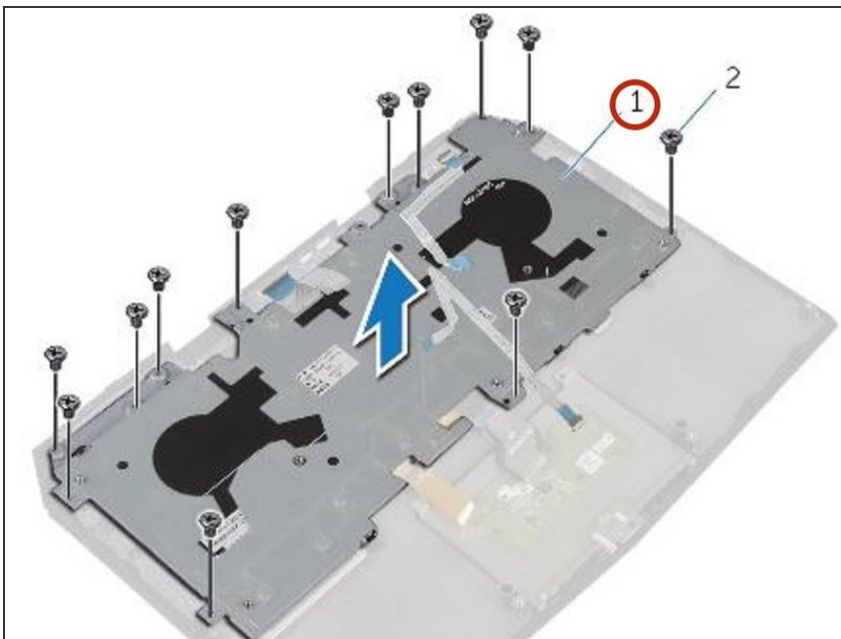
Step 31 — Disconnecting the Touchpad Cable

⚠ 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.
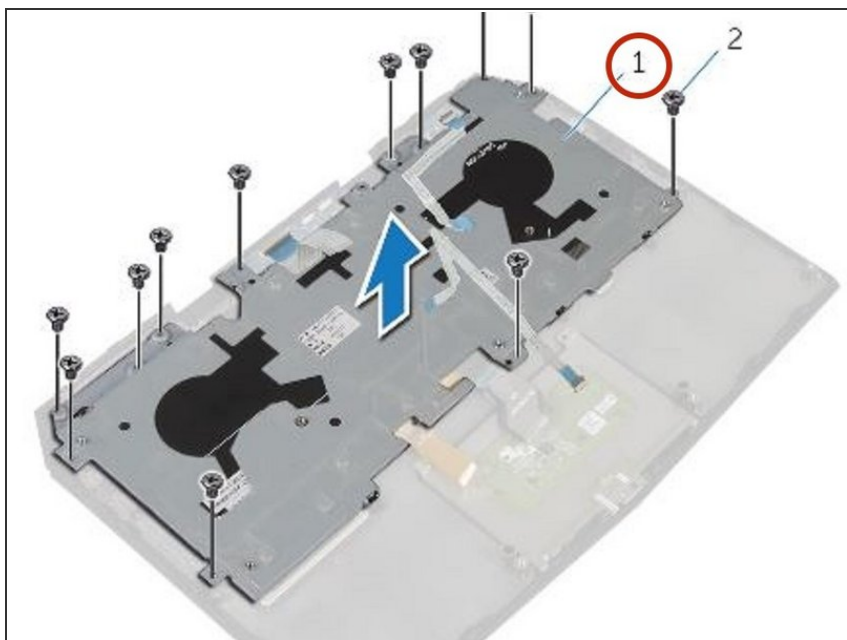
● Lift the connector latches and disconnect the touchpad cable and the status-light cable from the power-button board.
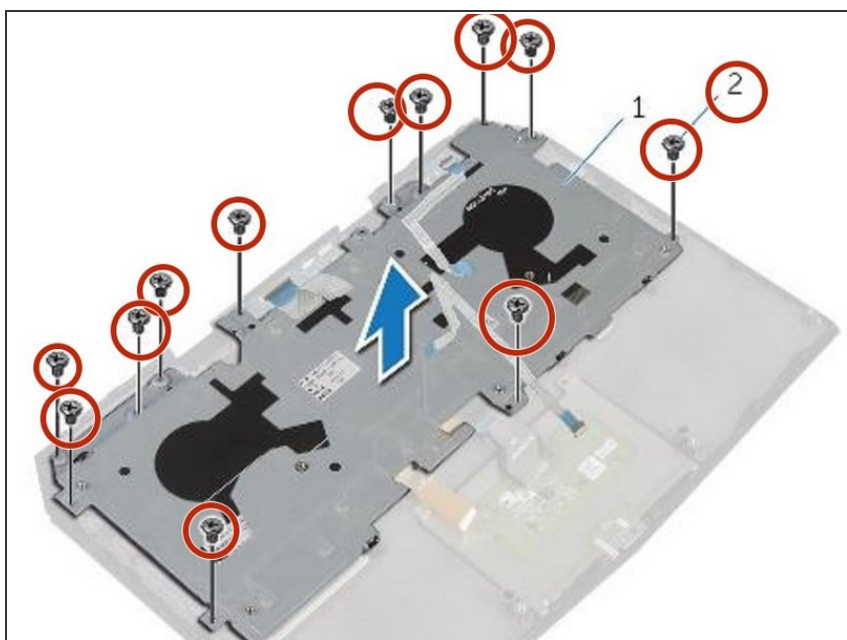
Step 32 — Peeling the Cables

● Peel the touchpad cable and status-light cable off the keyboard bracket.

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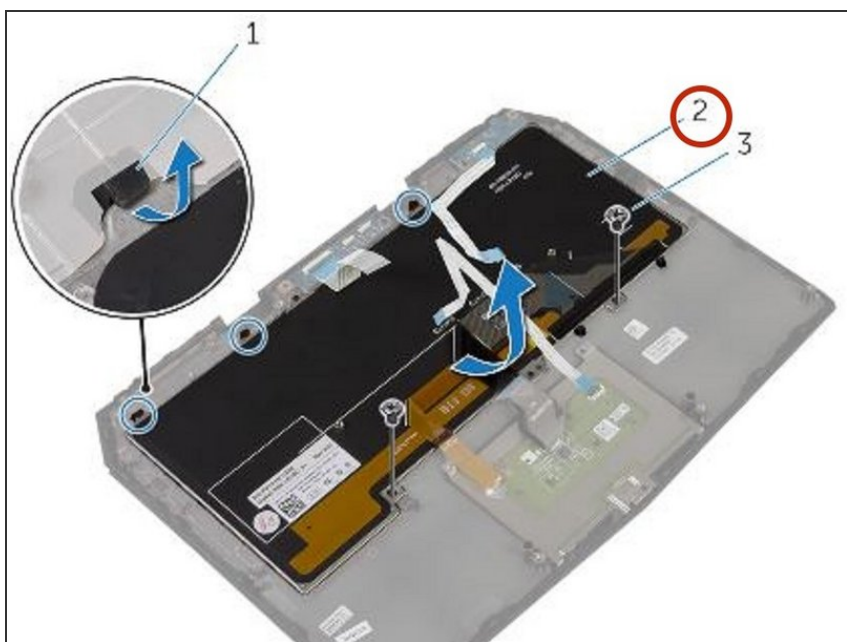## Step 33 — Removing the Keyboard Bracket

- Lift the keyboard bracket off the palm-rest assembly.
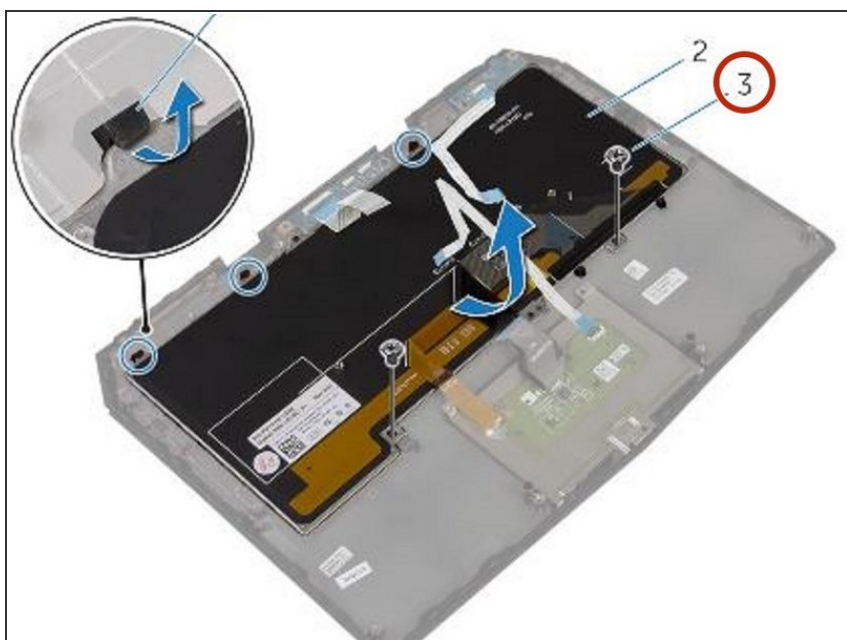
Step 34 — Remove the Screws

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

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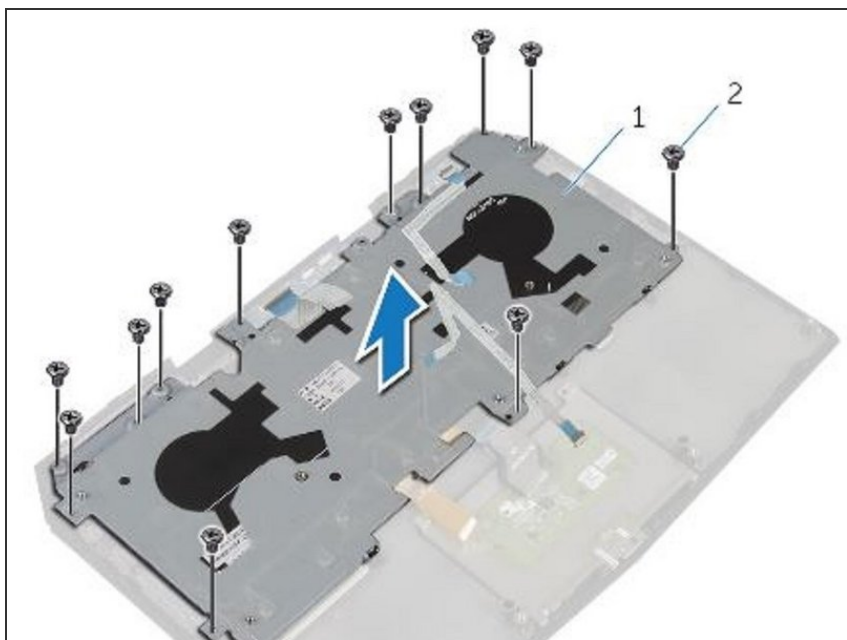
Step 35 — Lifting the Keyboard

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

Step 36 — Aligning the Screw Holes

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

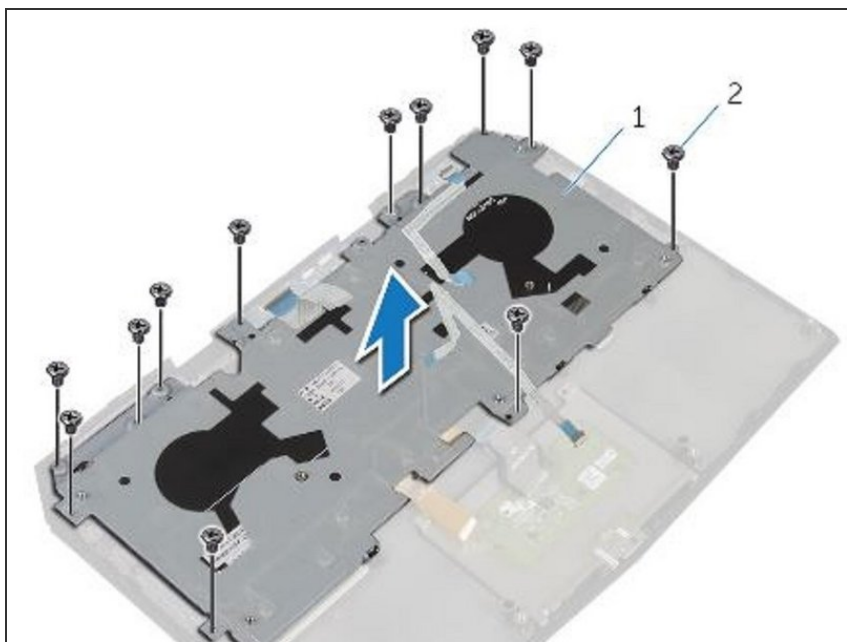## Step 37 — Replacing Screws

- Replace the screws that secure the keyboard to the palm-rest assembly.
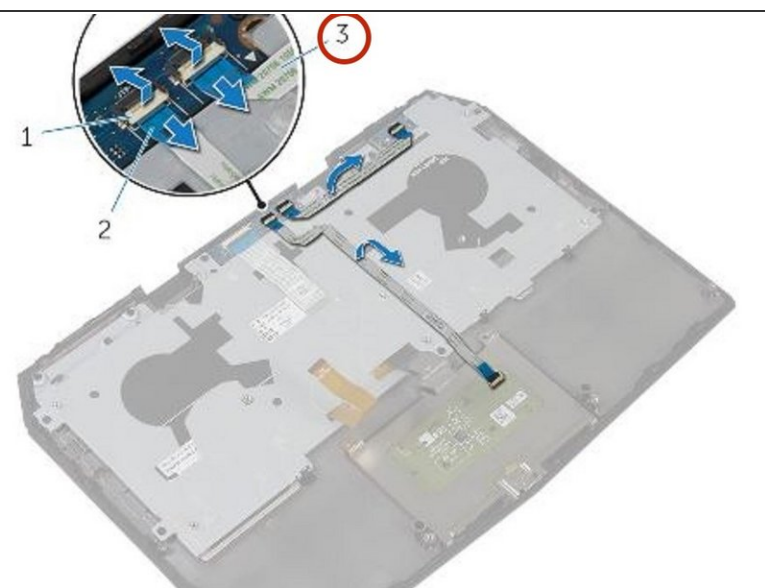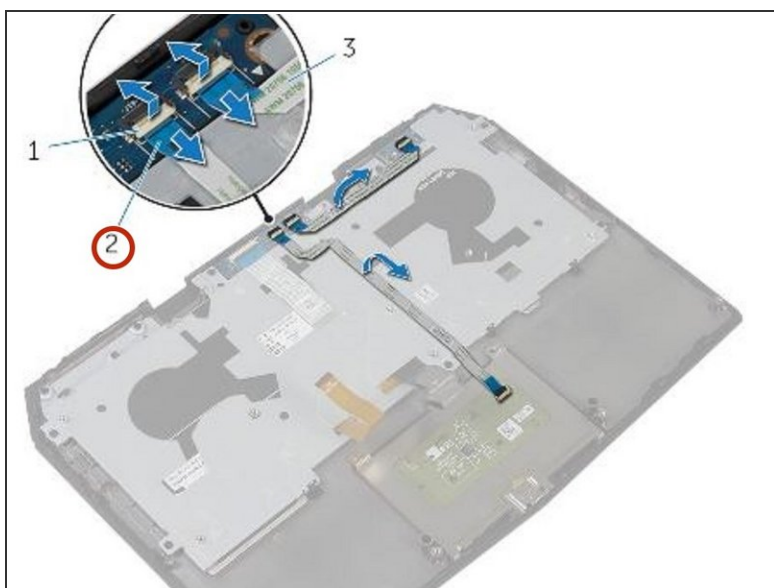
Step 38 — Align the Screw Holes

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

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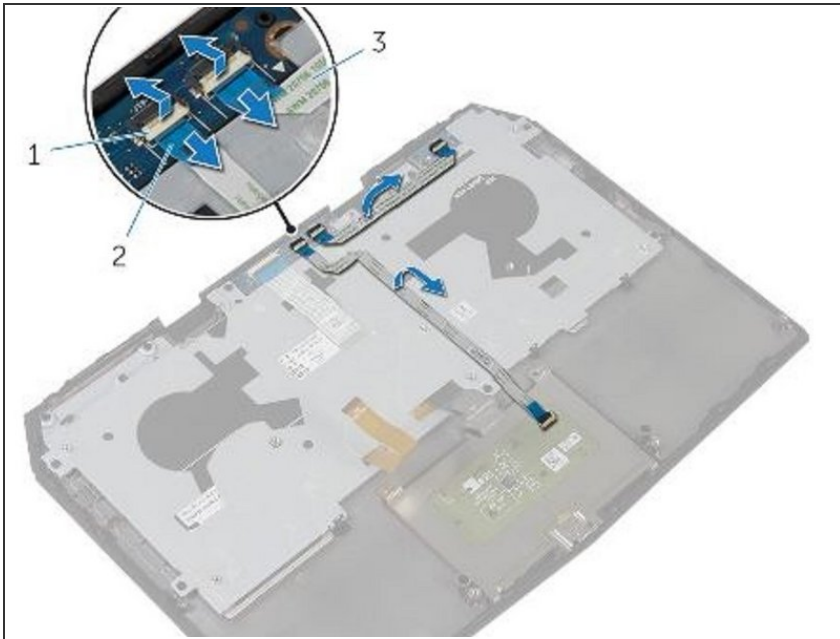
Step 39 — Replace the Screws

- Replace the screws that secure the keyboard bracket to the palm-rest assembly.
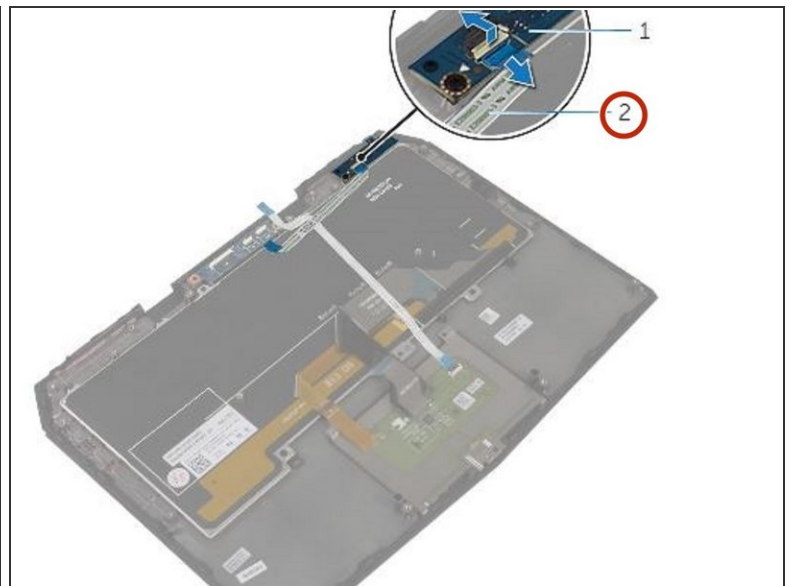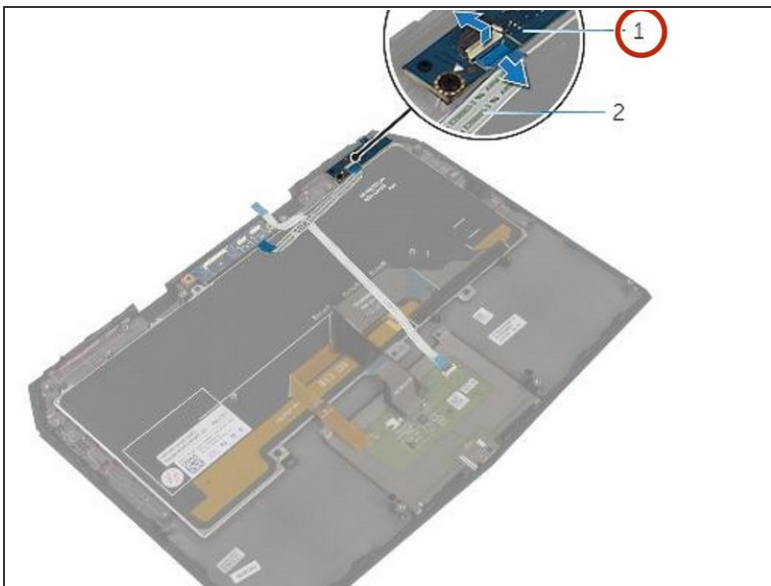
Step 40 — Adhering the Cables

- Adhere the touchpad cable and status-light cable to the keyboard bracket.

Step 41 — Sliding the Cables

- Slide the touchpad cable and the status-light cable into their respective connectors on the power-button board and press down the latches to secure the cables.
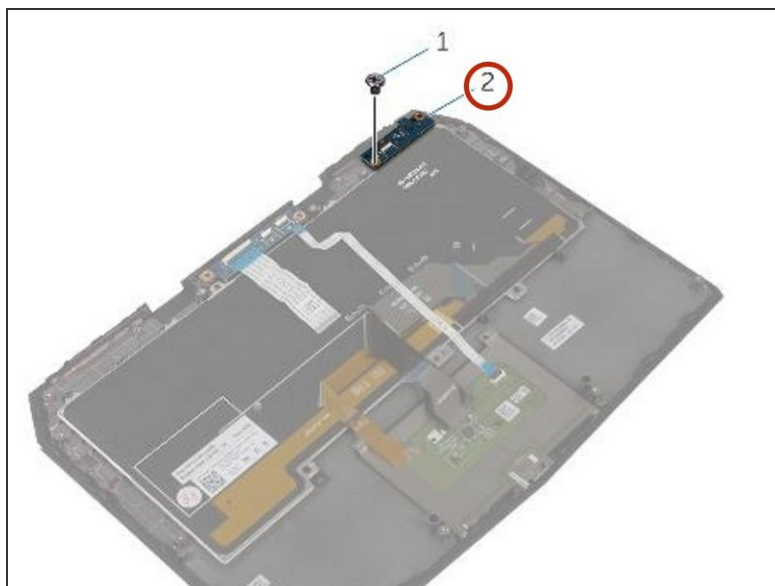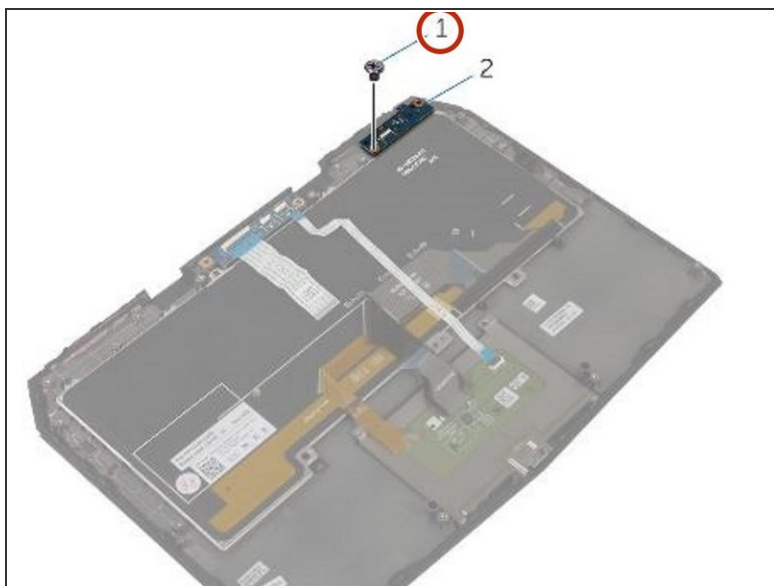
Step 42 — Disconnecting the Status-Light Board

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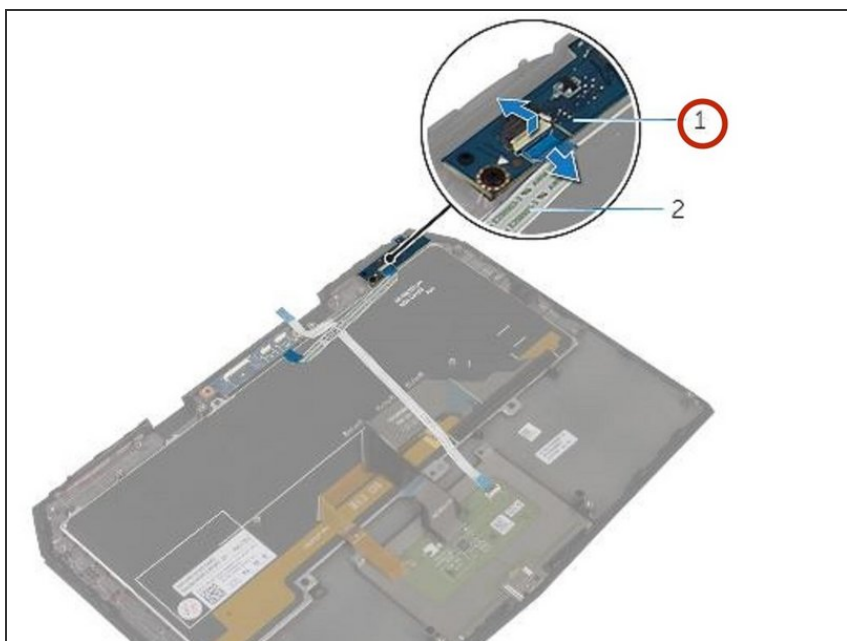
- Lift the connector latch and disconnect the status-light board cable from the status-light board.

This document was generated on 2021-01-25 02:06:02 PM (MST).
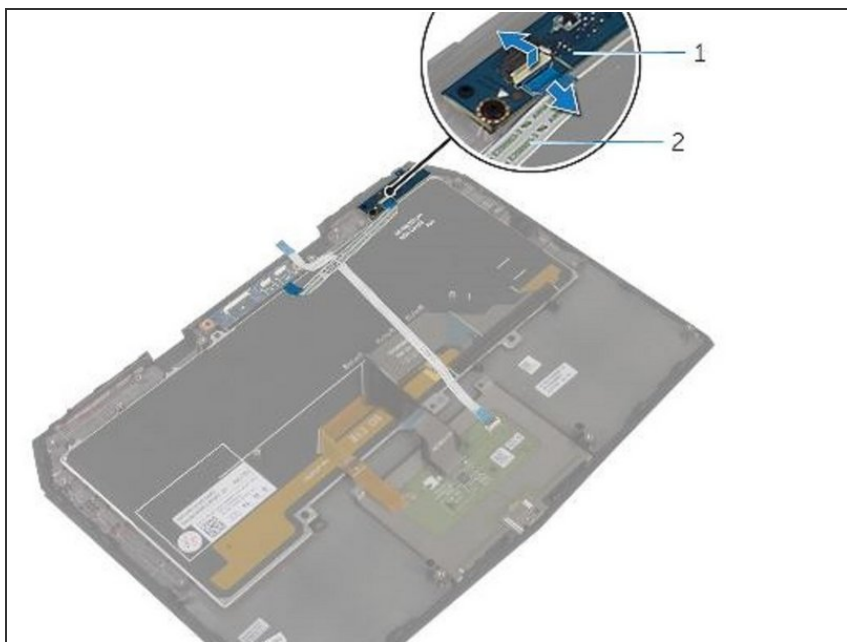
Step 43 — Remove the Screw

- Remove the screw that secures the status-light board to the palm-rest assembly.

Step 44 — Removing the Status-Light Board

- Lift the status-light board off the palm-rest assembly.

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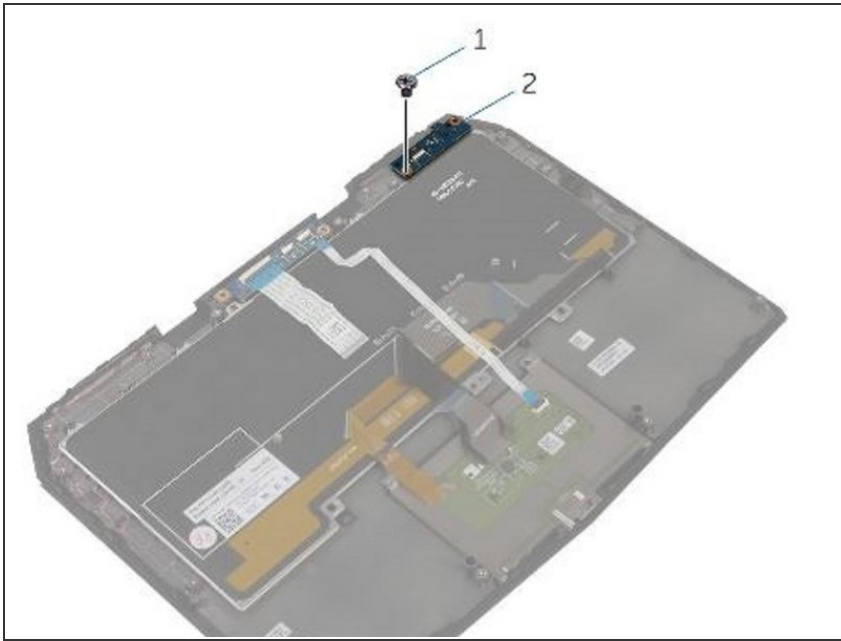
Step 45 — Securing the Cable

- Slide the **NEW** status-light board cable into the status-light board connector and press down the latch to secure the cable.

Step 46 — Align the Screw Hole

- Align the screw hole on the status-light board with the screw hole on the palm-rest assembly.

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Step 47 — Replace the Screw

- Replace the screw that secures the status-light board to the palm-rest assembly.

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