Macintosh PowerBook 165c Keyboard Replacement

This guide will demonstrate how to replace the Macintosh PowerBook 165c Keyboard.

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INTRODUCTION

Use guide to replace a worn or broken keyboard.

🔧 TOOLS:

- T10 Torx Screwdriver (1)
- T8 Torx Screwdriver (1)

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Step 1 — Battery

- Orient the computer so the battery is facing you.

- Slide the gray plastic battery cover to the right.

Step 2

- Pull the battery toward yourself until it is fully detached.

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Step 3 — Input/Output Door

- Orient the computer right side up with the rear facing you.

- Open the Input/Output (I/O) door.

Step 4

- Carefully bend the door into an arch until one of the pins releases from its slot.

- Once one of the pins is free, remove the I/O door from the computer.

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Step 5 — Lower Case

- Orient the computer with the bottom facing up and rear facing you. You should be able to read the Macintosh label in this position.
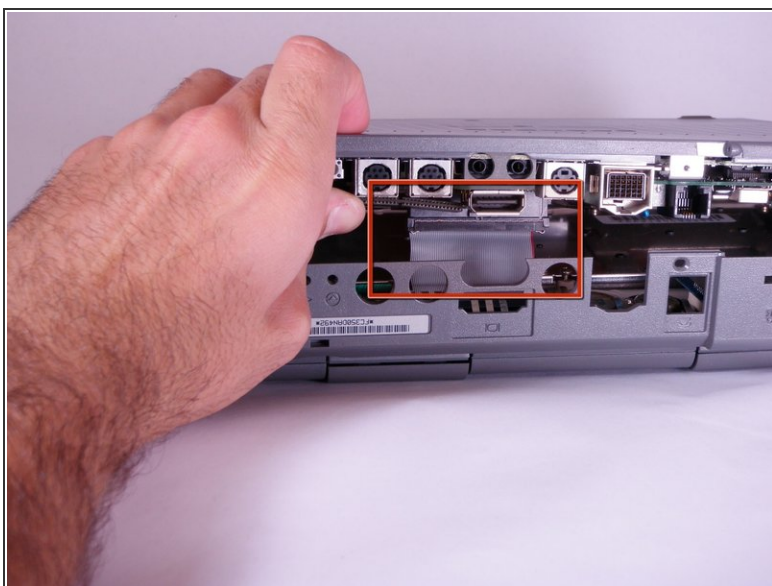
Step 6

- Use a T8 torx screwdriver to remove the 6.8mm long screw above and to the right of the modem jack.

- Twist counter clockwise to remove the screw.

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Step 7

- Use a T10 torx screwdriver to remove the four, 18mm long screws from the lower case.

Step 8
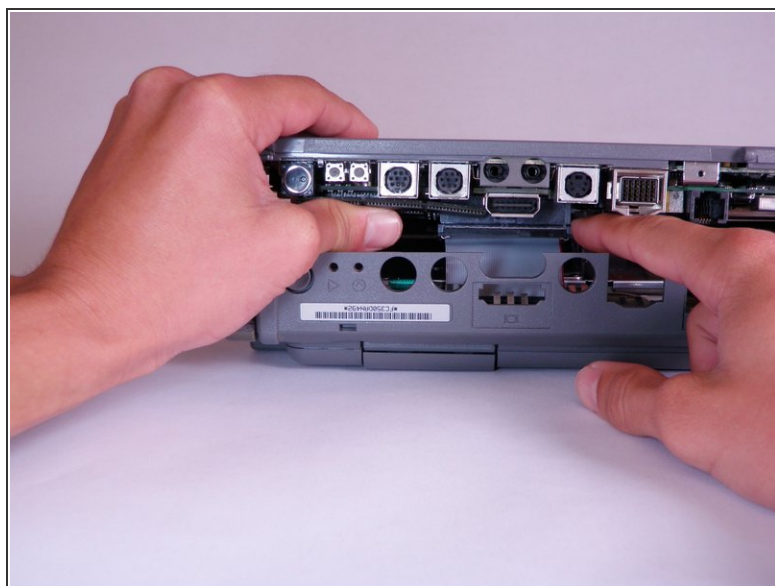
- Place your hands on the lower case, just above the I/O panel, and slowly lift the lower case a few inches above the main body of the computer.

- Release the large, gray interconnect ribbon cable just behind the I/O panel.

- ⚠ Caution: Lower case cannot be fully removed until two plastic clips in the front corners are released. See the following step for details.
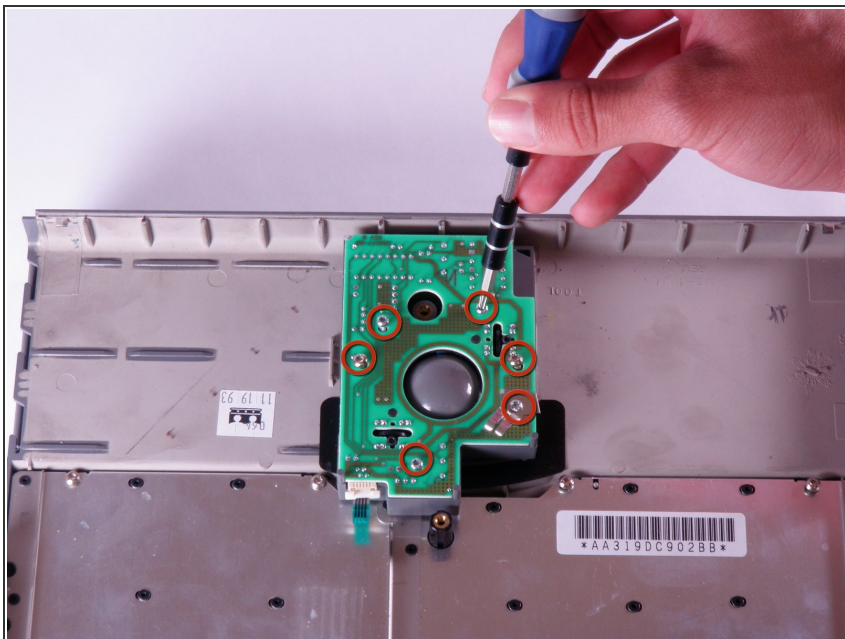
Step 9
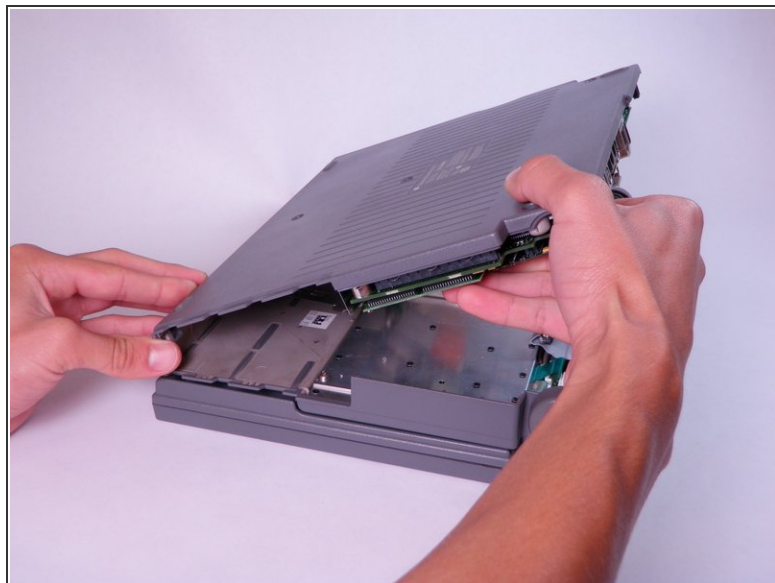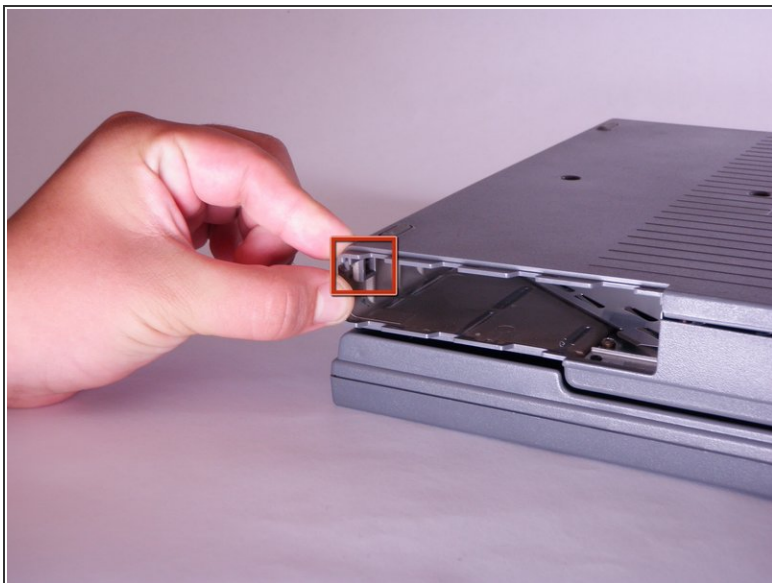
- Place your thumb on the upper case, inside the empty battery slot, and your index finger near your thumb on the left side of the lower case.

- Pinch your thumb and index finger towards each other to release the clip. Without releasing pressure on the pinch grip, use your index finger to push the lower case upwards.

- Lift the lower case to remove it.

Step 10 — Trackball
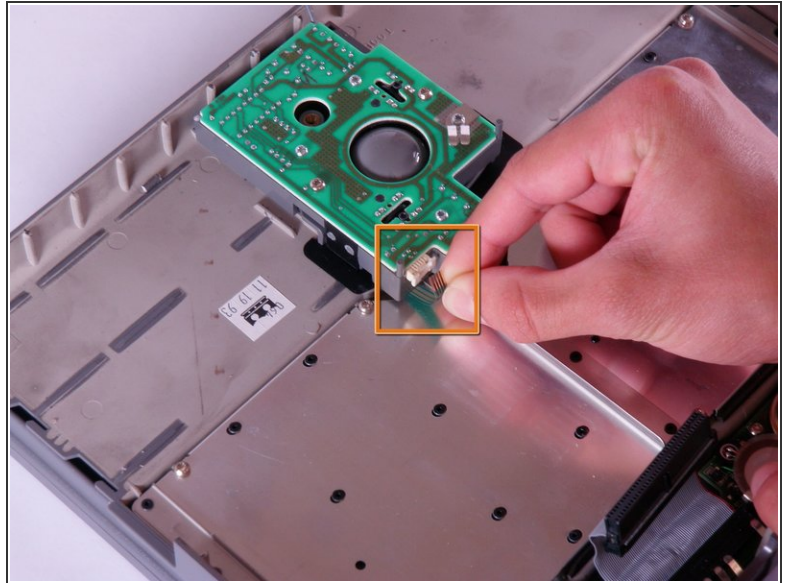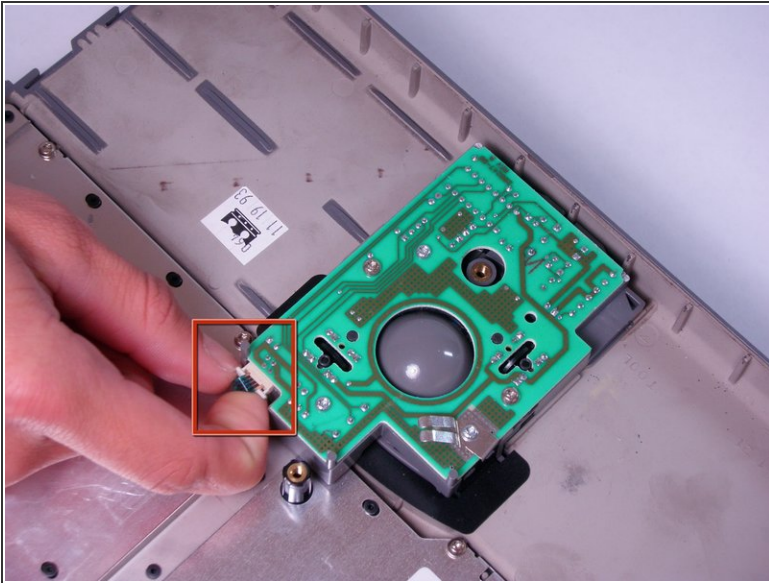
- Locate the trackball assembly. It is in the upper case and can be identified by a green circuit board.

- Open the white tab fastener by pulling out on each side. and remove the green and silver ribbon cable.

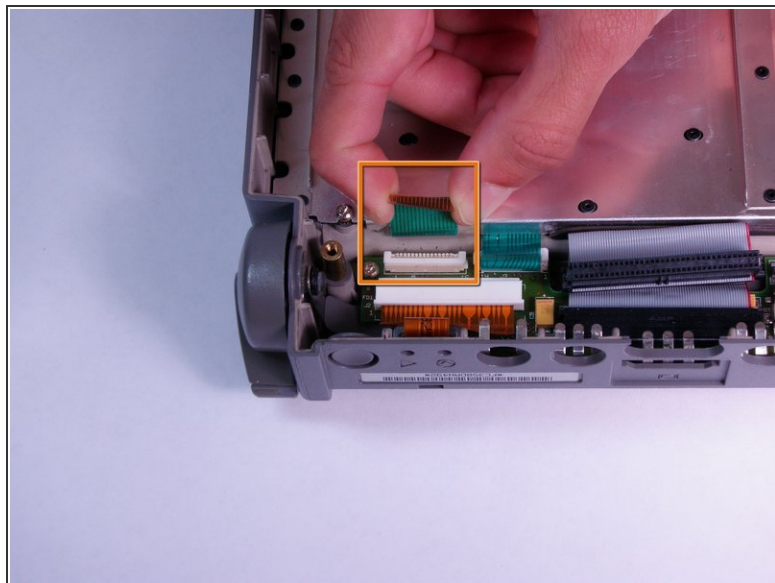- Remove the green and silver ribbon cable by gently pulling it away from the opened tab fastener.

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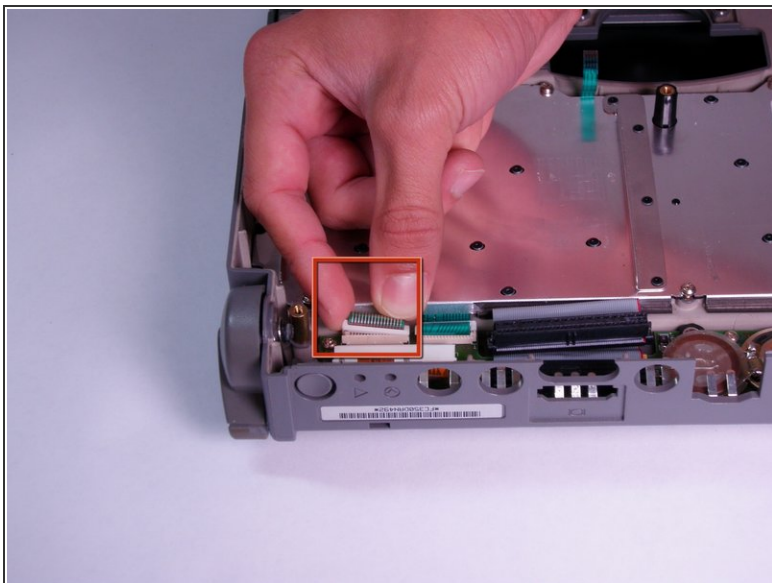
Step 11

- Use a T8 torx screwdriver to remove the six, 6.8mm long screws from the top of the green circuit board.
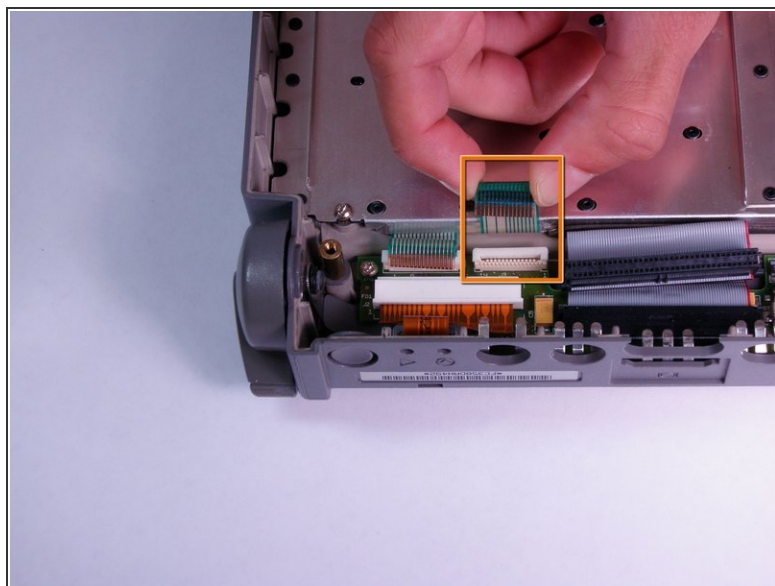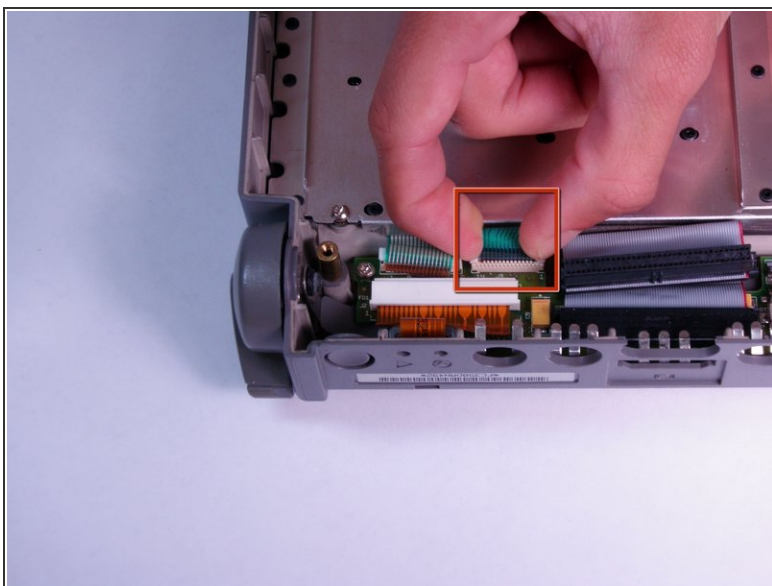
Step 12
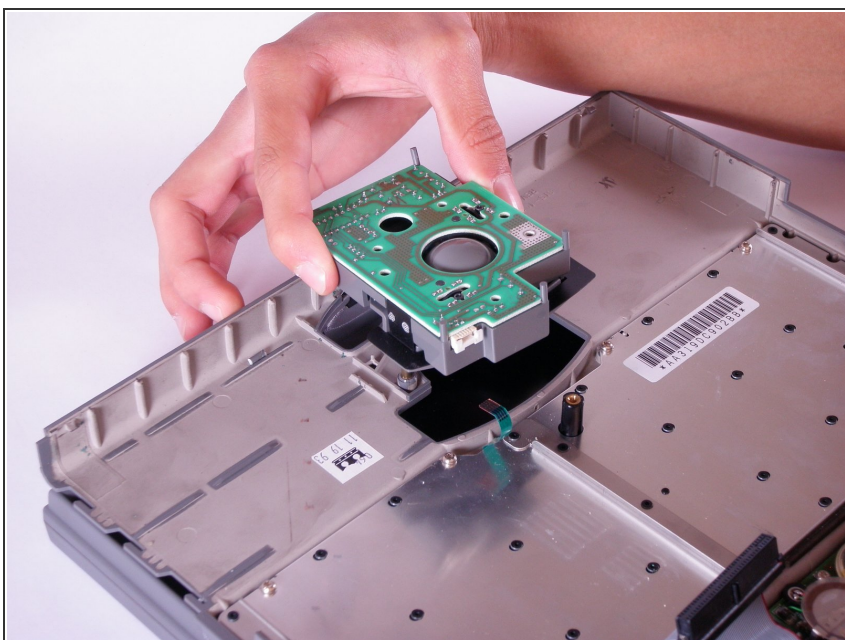
- Remove all four components of the trackball assembly by lifting upward.

- The four components of the trackball assembly should include: the green circuit board, a metal support, the track ball, and the casing.

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Step 13 — Keyboard

- Open the left most white tab fastener in the lower left corner by pulling up on each side.

- Remove the ribbon cable by gently pulling it away from the opened tab fastener.
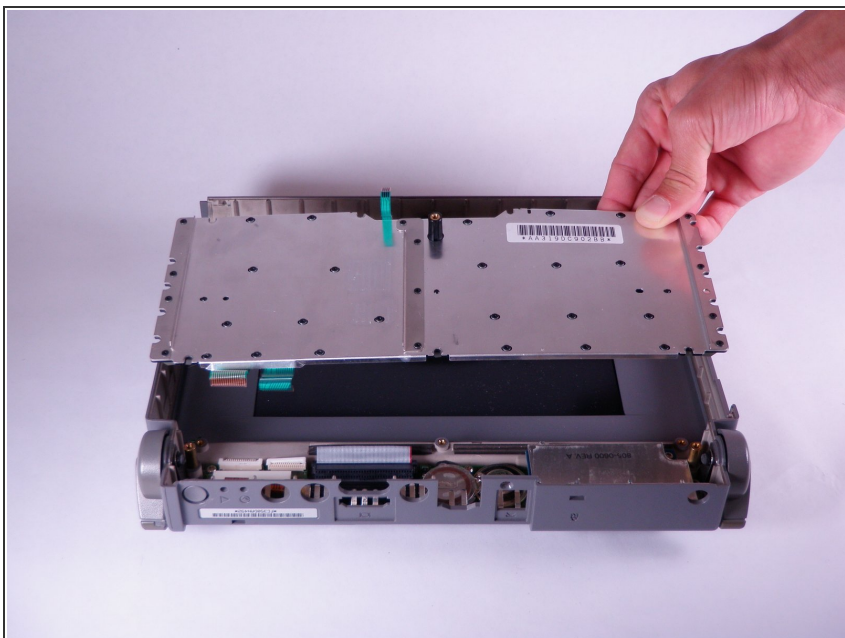
Step 14

- Open the right of the two small, white tab fasteners by pulling up on both sides.

- Remove the green and silver ribbon cable from the tab fastener.

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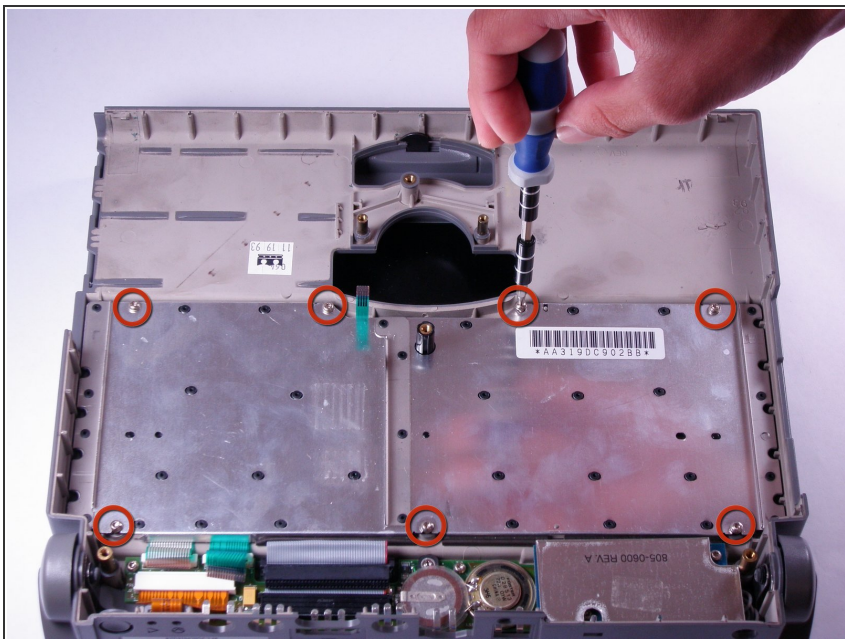
Step 15

- Use a T8 torx screwdriver to remove the seven, 6.8mm long screws from the metallic panel.

Step 16

- Remove the keyboard by lifting it vertically away from the main body of the computer.

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

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