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ASUS X502CA Battery Replacement

This guide will explain how to replace the battery on the ASUS X502CA.

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INTRODUCTION

It is possible that your battery has stopped working due to physical or electrical damage. A replacement batter will need to be purchased. After purchasing a new battery follow these steps to replace your broken battery.
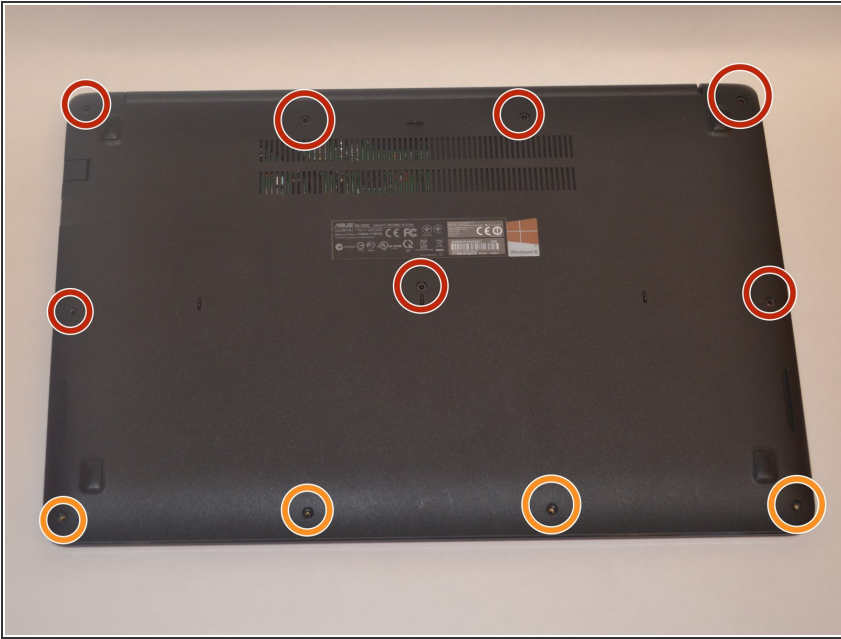
🔧 TOOLS:

- iFixit Opening Tools (1)
- Phillips #00 Screwdriver (1)
- Tweezers (1)

⚙ PARTS:

- Li-Polymer Battery Pack C21-X502 (1)

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Step 1 — Palm Rest with Keyboard and Touch Pad

- Use the Phillips #00 screwdriver to remove the seven 90mm screws.

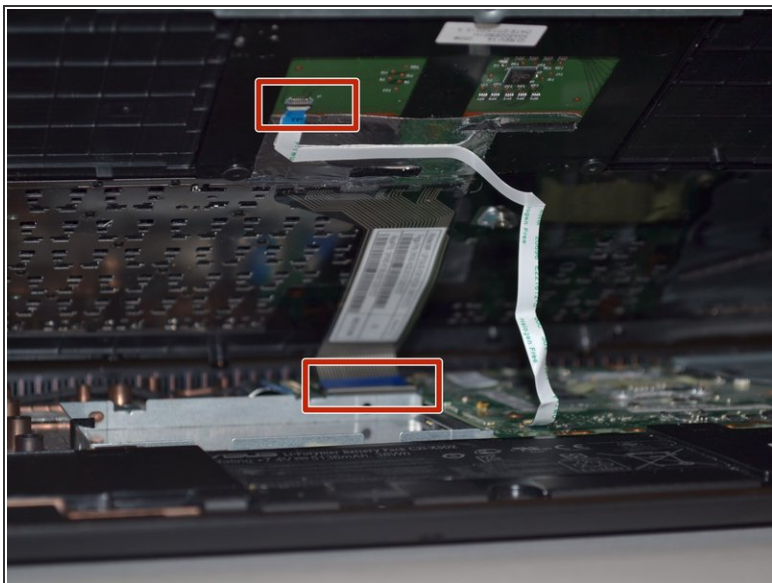- Use the Phillips #00 screwdriver to remove the four 50mm screws.

Step 2

- Next, use the plastic opening tool to carefully pop off the keyboard cover panel.

- ⚠ Be cautious when pulling off the cover because there are cables you will have to disconnect before completely removing the panel.

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Step 3

- Lift palm rest and unplug keyboard cable and touchpad cable using tweezers. After these two cables have been unplugged you can remove the keyboard cover panel.
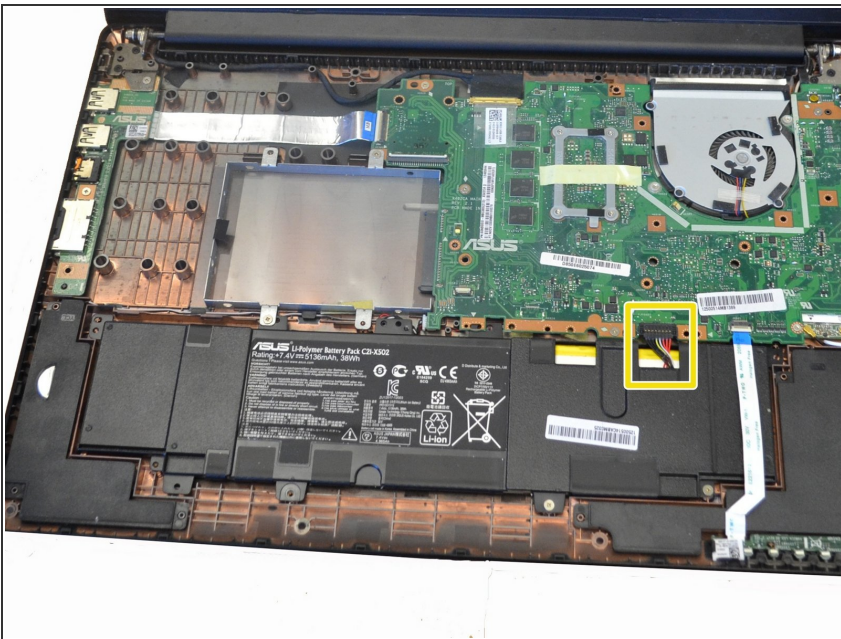
Step 4

- Lift Palm Rest away.

- Replace with new palm rest.

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Step 5 — Battery

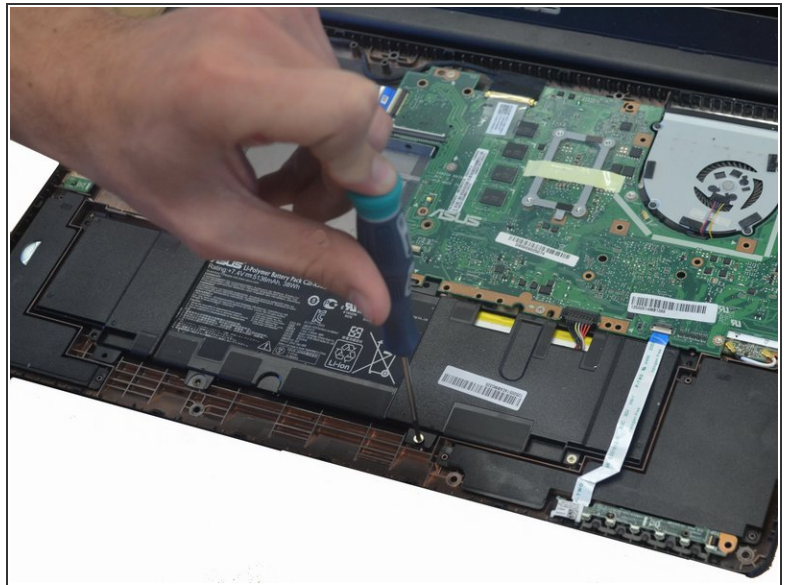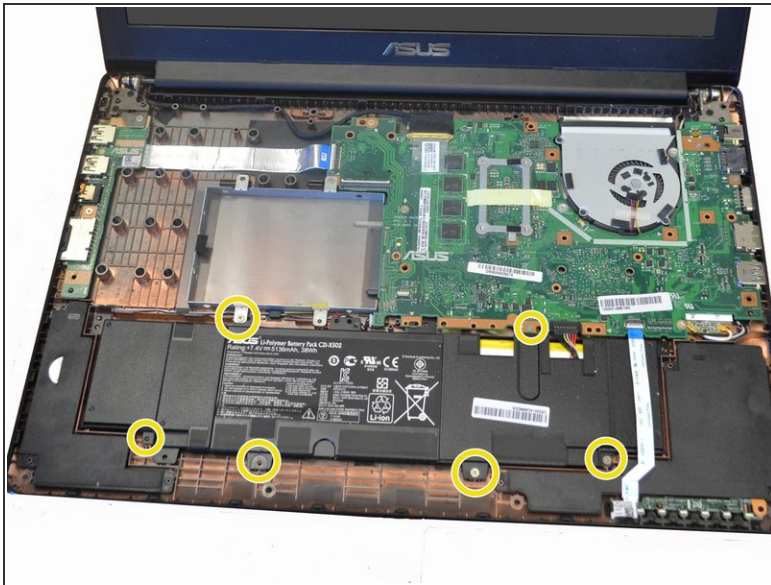- Next, locate the battery in the front of laptop (closest to you).

Step 6

- Unplug the battery from the laptop in the upper right hand corner of the battery using tweezers.

⚠️ If battery is not unplugged, motherboard may shock you.

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Step 7

- Use the Phillips #00 Screwdriver to carefully remove the 6 screws holding the battery in place.

- Once you have removed all six screws carefully lift the battery out and dispose.

- (i) Each screw is 50 mm in length and 15 mm in diameter.

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