Alienware 17 R2 Battery Replacement

This guide will show you how to replace your faulty battery.

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INTRODUCTION

This guide will outline the replacement of the battery on an Alienware 17 R2 laptop, if your laptop will not hold a charge/turn on without being connected to the charger. Replacing the battery on your laptop might help you fix this problem. To get started please prepare a Phillips #0 Screwdriver. This is not a permanent solution. If the laptop has been used for two or three years, it is recommended to buy a new one rather than replace the battery, due to outdated hardware, battery controllers, etc.

TOOLS:

- Phillips #0 Screwdriver (1)
**Step 1 — Battery**

- Unplug the laptop from the power adapter.
- Be sure the laptop is turned off.
- Place the laptop face down on a hard surface.

**Step 2**

- Remove the two screws on the access door.
- Pull up the access door and slide off.
Step 3

- Look for the black wire with the yellow tag.
- Carefully unplug the black cord with the yellow tag.
- This will successfully disconnect the battery.

Step 4

- Disconnect the four cables from the motherboard as shown in the picture.

⚠️ Be careful when disconnecting the cables. Their connectors are very fragile and if too much force is applied, they can come out of the PCB, causing permanent damage.
Step 5

- Unscrew the palm-rest screws
  - Remove the two 2.5mm x 18mm screws from the top as shown in picture 1.
  - Remove the two 2.5mm x 10mm screws from the left side, remove the left top side 2.5mm x 18mm screw. Remove the other two 2.5mm x 10mm screws from the right side and remove the right top side 2.5mm x 18mm screw as shown in picture 2.
  - Remove the eight 2.5mm x 8mm screws from the middle as shown in picture 3.

Step 6

- Slowly separate the palm-rest from the laptop.
- Disconnect the power cord from the laptop to the palm-rest as shown in the picture 2.
- Remove the palm-rest.
Step 7

- Unplug the two cables from the laptop as shown in the picture

Step 8

- Remove the six 2.5mm x 5mm screws as shown in picture 1.
- Gently lift up and remove the battery

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