



iPhone 4 Battery Replacement

Replace the battery on your iPhone 4.

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INTRODUCTION

[video: <http://www.youtube.com/watch?v=KYvjuWg06l4>]

Luckily, replacing the battery on the iPhone 4 requires minimal disassembly.

TOOLS:




- [P2 Pentalobe Screwdriver iPhone](#) (1)
(if iPhone has external pentalobe screws)
- [Phillips #000 Screwdriver](#) (1)
- [Plastic Opening Tools](#) (1)
- [Anti-Static Project Tray](#) (1)

PARTS:

- [iPhone 4 Replacement Battery](#) (1)
This kit contains the part and all tools needed.
- [iPhone 4 Replacement Battery](#) (1)

Step 1 — Rear Panel



- Before disassembling your iPhone, be sure it is powered off. 
- Your iPhone 4 rear cover may have either two #000 Phillips screws or Apple's 5-Point "Pentalobe" screws ([second image](#)). Check which screws you have, and ensure you also have the correct screwdriver in order to remove them.
- Remove the two 3.6 mm Pentalobe or Phillips #000 screws next to the dock connector.
- During reassembly, we recommend you replace the 5-point screws with equivalent Phillips screws. Our [Liberation Kit](#) provides the tools and screws needed to replace the Pentalobe screws with Phillips screws. 
- The 5-Point Screwdriver should only be used once, as it has the potential to strip the screws. 

Step 2





- Push the rear panel toward the top edge of the iPhone.
- The panel will move about 2 mm.




Step 3



- Pinch the rear panel with your fingers and lift it away from the iPhone. Alternatively, use a [Small Suction Cup](#).
- Be careful not to damage the plastic clips attached to the rear panel. 
- If you are installing a new rear panel, be sure to remove the plastic protective sticker from the inside of the camera lens and the sticker from the large black area near the lens. 


Step 4 — Battery



- Remove the single 2.5 mm Phillips screw securing the battery connector to the logic board.
- Some devices may have two screws, one of which holds down the contact pad which is located above the screw indicated in red in the photo. 

Step 5



- Use a plastic opening tool to gently pry the battery connector up from its socket on the logic board.
- Be very careful to only pry up on the battery connector and not the socket on the logic board. If you pry up on the logic board socket, you may break it entirely. 
- Remove the metal clip covering the antenna connector.

Step 6



- Use the clear plastic pull tab to gently lift the battery out of the iPhone.
- Do not remove the plastic tab from the iPhone.
- You may need to use a plastic opening tool to loosen the adhesive under the battery.
- Remove the contact clip from the iPhone.
- Before reconnecting the battery connector, be sure the contact clip (shown in red) is properly positioned next to the battery connector.
- Before reassembly, be sure to clean all metal-to-metal contact points on the pressure contact as well as its contact point on the rear panel with a de-greaser such as windex. The oils on your fingers have the potential to cause wireless interference issues.



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

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