



Alcatel A30 5046G Battery Replacement

How to replace your Alcatel A30 (5046G) battery - even though they say it can't be done!

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INTRODUCTION

Replacing the battery on the Alcatel A30 is supposed to be impossible. Dire warnings of fire are given, but in fact it is fairly easy.



TOOLS:

- [Phillips 00 Screwdriver plastic spudger, razor blade, pairing knife](#) (1)



PARTS:

- [Battery type TLp024CJ 2400 mAh](#) (1)

Step 1 — Battery



- Remove the back of the phone with a fingernail or spudger. Remove the SD card and SIM.

Step 2



- Remove the 13 Philipps type screws holding the inner cover in place. The YouTube video (https://www.youtube.com/watch?v=aALEwr_x...) indicated shows the procedure for a similar phone. Note that the four corner screws are longer than the others.

Step 3



- Using a spudger separate the grey plastic cover from the screen - several plastic clips hold it. The YouTube video shows the method for a similar phone.

Step 4



- There is a cable connecting the upper electronics to the lower, and this runs across the battery. At least one end of it will need to be disconnected before the battery can be removed. The battery connector needs to be disconnected too. Both are easily dealt with.

Step 5



- Now the battery is exposed, but is glued in place by two glue strips. I tried pulling these, as one does for an iPhone, but they broke, so I used an old-fashioned razor blade (flexible) to start with, and then a sharp ceramic knife (a paring knife would be ideal) to cut the glue after prizing up the battery somewhat.

Step 6



- In taking off the cover some connectors, including that for the battery had become disconnected. Watch out for that, but they are easy to reconnect with light pressure.

Step 7



- Once the old battery has been removed, the new one is easily inserted. In my case there was sufficient glue left to hold it in place, but it seems unlikely that glue is essential.

Step 8



- Reassemble by reversing the disassembly procedure, taking care to make sure the inner cover fits snugly in place all round - one corner has a tendency not to snap down properly. Make sure the long screws go into the four corner holes. Switch on, charge up and away you go - my battery showed 50% charge before charging.

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