



# Braun cruZer6 Battery Replacement

How to disassemble and replace batteries

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## INTRODUCTION

This guide will show you how to disassemble the shaver, replace the batteries and reassemble.

The batteries are soldered directly to a PCB so you will need to be confident with a soldering iron.

Place your new batteries onto charge before you start so they have the same charge level when installed.

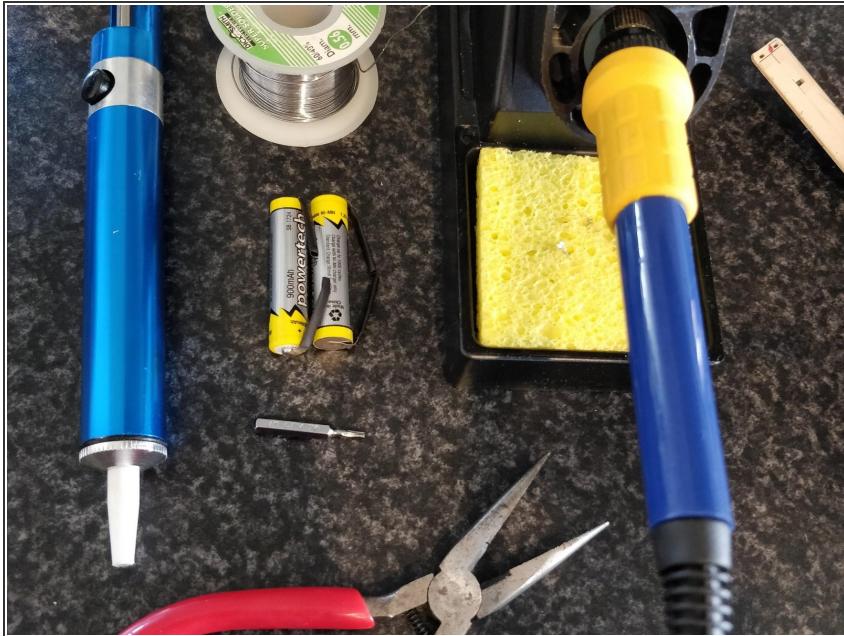
### TOOLS:

- Soldering Iron (1)
- Small Needle Nose Pliers (1)
- T6 Torx Screwdriver (1)
- Desoldering Pump (1)

### PARTS:

- Rechargeable NiMh AAA Battery with terminals (2)

## Step 1 — Tools required



- Soldering Iron
- Solder sucker
- T6 Torx bit
- Pliers
- Two new batteries. AAA size Ni-Mh with tabs. Originals were supposed to be 700mAh, I replaced with 900mAh.

## Step 2 — Remove the fasteners



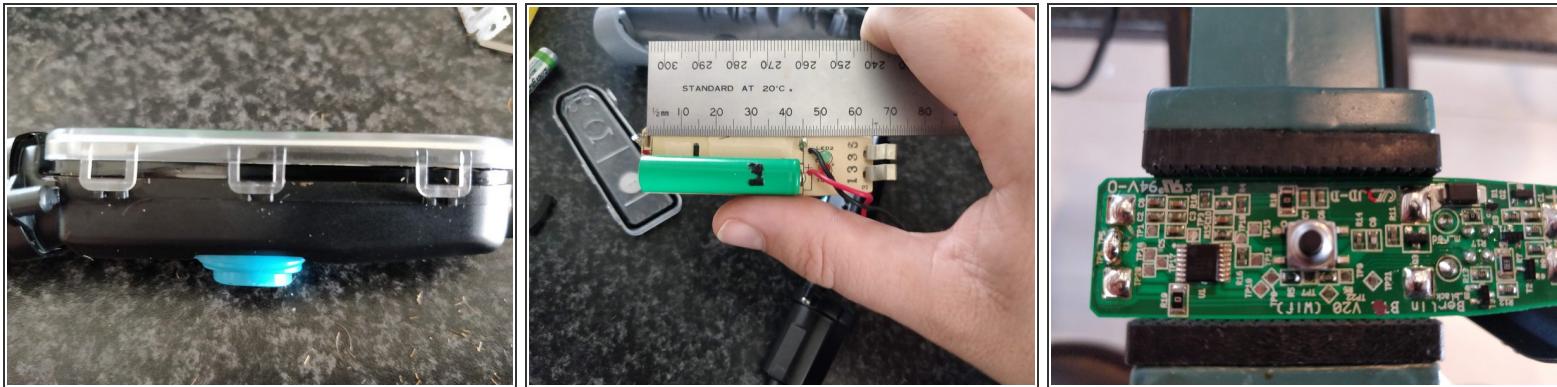
- First remove the shaver head by pushing up on the cutting head. It will hinge up
- With the head rotated up you will be able to remove it by pushing it sideways. This isn't strictly necessary if it doesn't make sense.
- This will reveal two screws, mine were Torx T6. Remove these.

## Step 3 — Split the case



- Just push the two halves apart from the top end.
- Have a look at the picture to see where the clips are. Note the tab on the bottom end.

## Step 4 — Remove the electronics



- The black module simply lifts clear of the housing.
- The clear lid has three clips on each side. Ease these up and lift the clear lid.
- The PCB lifts clear of the black housing. It is a little reluctant but there are no hidden fasteners. I found it best to slide a flat blade screwdriver down the side of a battery and lever out.
- Be careful not to apply pressure to the AC tabs, shown in the second picture on the right. They lift clear of the charger connection without assistance.

## Step 5 — Remove and replace batteries



- De-solder the old batteries from the PCB using your preferred method.
- I cut the batteries free from the tabs. Then used a solder sucker to get rid of the bulk of the solder. Finally I heated up the joint and used pliers to push the remaining tab clear.
- Note the polarity marked on the PCB and install the replacement batteries. Make sure you cut the tabs down before folding them over to prevent any shorts.

## Step 6 — Reassemble



- Everything is just the reverse. There are no hidden tricks and you can see everything.
- There should be a seal under the clear lid, make sure it remains.
- Check the AC connectors are not bent and touching when the PCB is reinstalled in the black housing. If you get this wrong you may turn the shaver into a smoke generator.

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