



# Braun Oral-B Sonic Complete 4729 Battery Replacement

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This document was generated on 2019-09-22 07:12:26 PM (MST).

## INTRODUCTION

The device has to be opened and partly disassembled. The battery has to be unsoldered from the logic board and can then be replaced.

### TOOLS:

- Charging station for the device (almost any model works) (1)
- Solder (1)
- iFixit Opening Tools (1)
- Soldering Iron (1)
- Desoldering Braid (1)

### PARTS:

- Battery (4/5 AA-Cell 1,2V NiMH, capacity arbitrary - 2000mAh should do it) (1)

## Step 1 — Opening the bottom lid



- Take the device and place it on top of its charger.
- Now hold down firmly the charger and pull the top of the toothbrush backwards.
- ⚠ Just above the lid there is the induction coil, so don't pull too much, or it could get damaged!
- When the lid at the bottom opens, stop pulling and take it off manually

## Step 2 — Pull of the water protection ring



- Take the screwdriver (or the plastic opening tool) and go under the ring at the top of the gummed area.
- Now rotate it slightly so the ring comes loose.

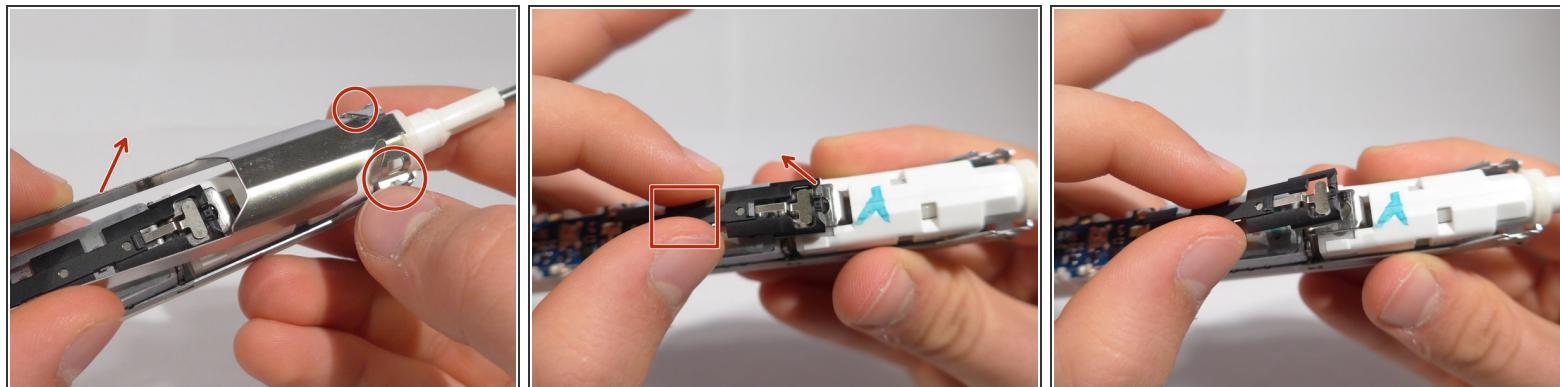
⚠ Be careful not to damage the gum under the ring, as it assures that no water gets inside!

## Step 3 — Take out the interior



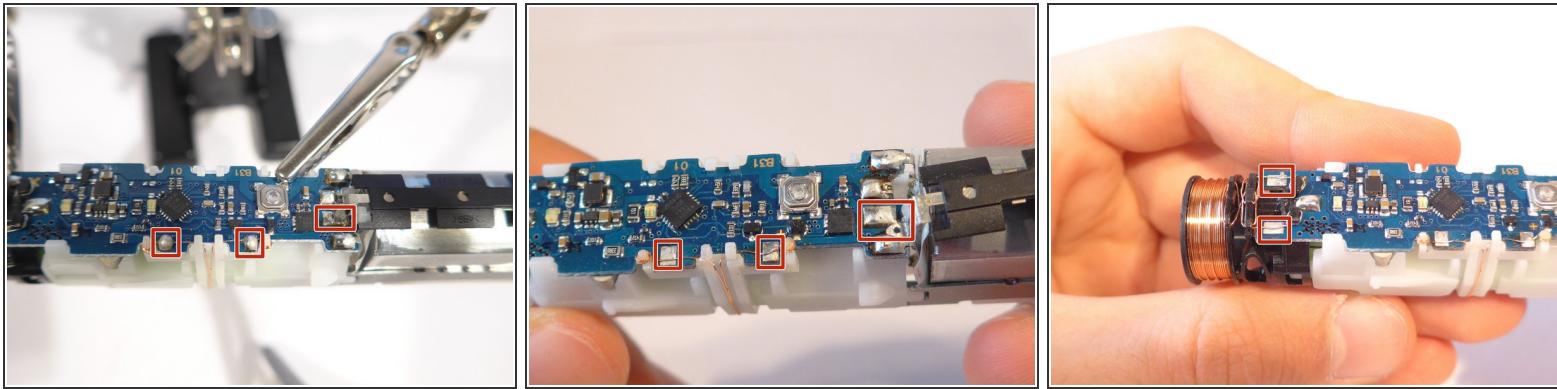
- Push the point of the device down onto the table and take out the inside.

## Step 4 — Clearing the way for the battery (Part 1)



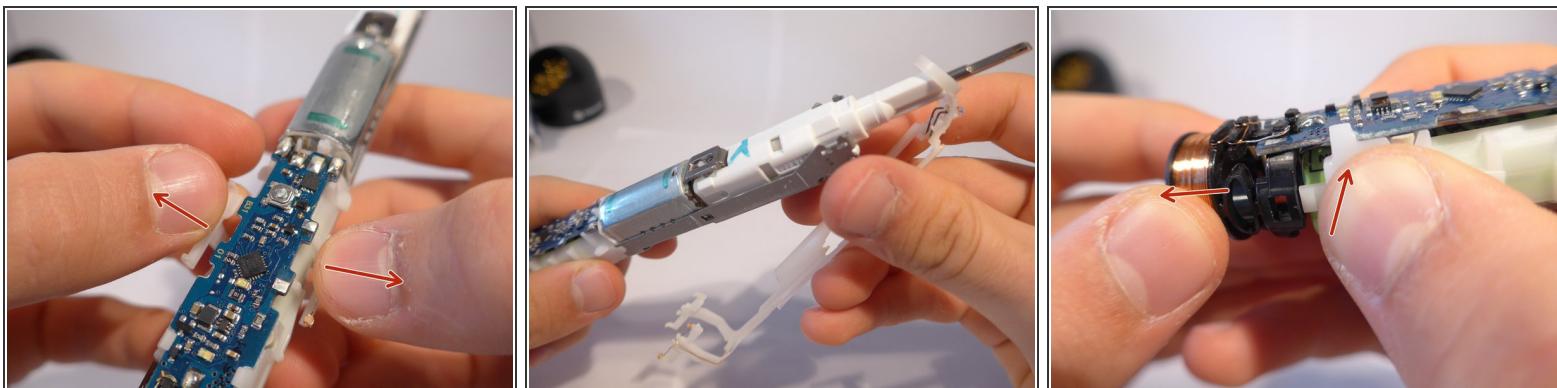
- First take away the metal sheet of the start/stop button.
- Then pull the center of the black metal connection of the pressure sensor slightly upwards until the hook holding it to the sensor comes loose.
- Now it has to be desoldered from the logic board.

## Step 5 — Clearing the way for the battery (Part 2)



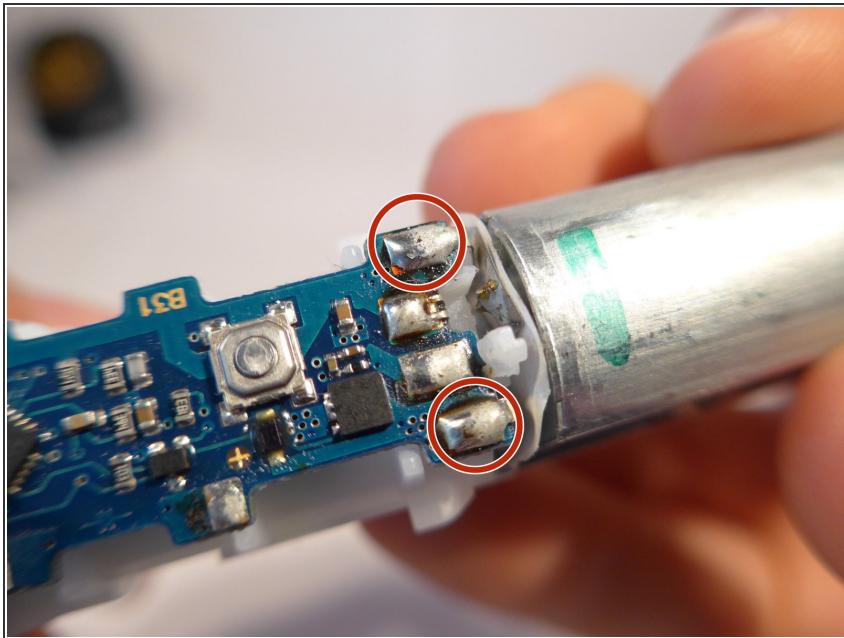
- Now you have to desolder the sensor connection and both the connections to the red led at the top.  
⚠ The white plastic pins left and right to the led connections can easily melt!
- Then desolder the connections to the charging coil.  
⚠ Be careful not to touch nearby electronic components, as they could get damaged!  
⚠ And keep the soldering time short and remove the soldering iron as soon as the solder has become liquid, so there is no overheating risk!

## Step 6 — Clearing the way for the battery (Part 3)



- First pull off the white plastic support for the red led.
- Then push the plastic casing of the battery together to pull of the coil.

## Step 7 — Clearing the way for the battery (Part 3)



- Now the connections to the motor have to be desoldered to take the battery casing off.

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