



# Philips Sonicare 2 Series Motor Replacement

These steps show how to replace the Motor of a Philips Sonicare 2 Series toothbrush.

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## INTRODUCTION

This guide is for the Philips Sonicare 2 series HX6211/46 toothbrush. It shows you how to replace the motor for this toothbrush. He is a link for a guide how to soldering which will be needed for this guide. [How To Solder and Desolder Connections](#)

### TOOLS:

- [Precision Tweezers Set](#) (1)
- [iFixit Opening Tool](#) (1)
- [Metal Spudger](#) (1)
- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
- [64 Bit Driver Kit](#) (1)

### PARTS:

- [Philips Sonicare 2 Series Motor](#) (1)

## Step 1 — Philips Sonicare 2 Series Disassembly



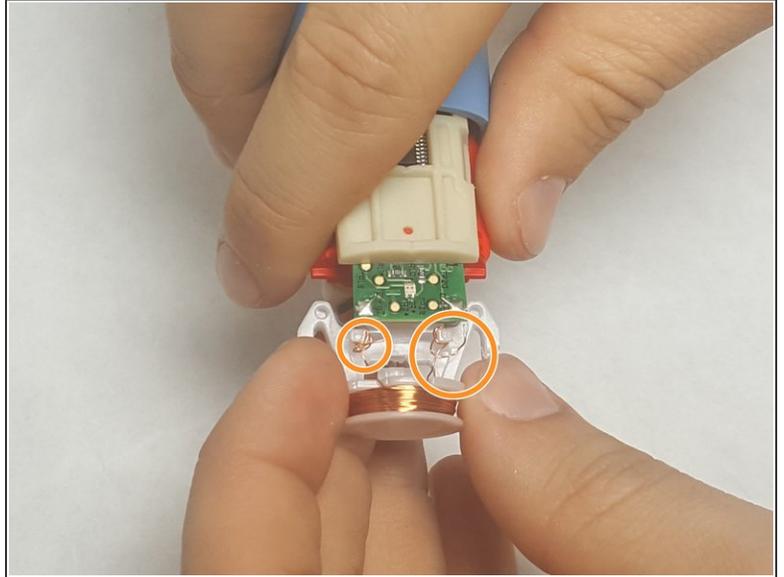
- Pull upwards to remove the brush head from the top of the device.

## Step 2



- Remove the 12 mm T8 Torx screw from the bottom of the toothbrush. After removing the screw, pry off the base with a plastic opening tool.

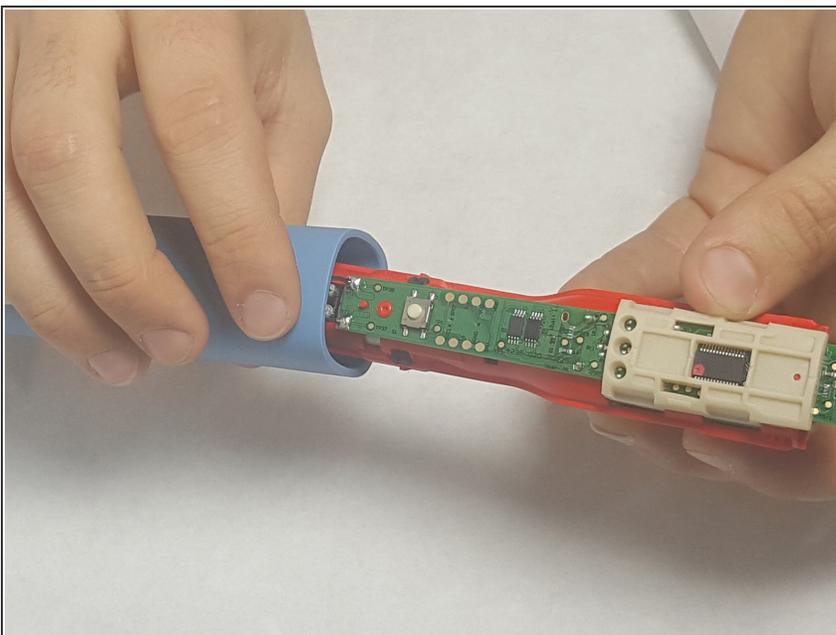
### Step 3



- Remove the internal electronic mechanism from the housing by prying the red clips shown in the figure. This removes the charging port.

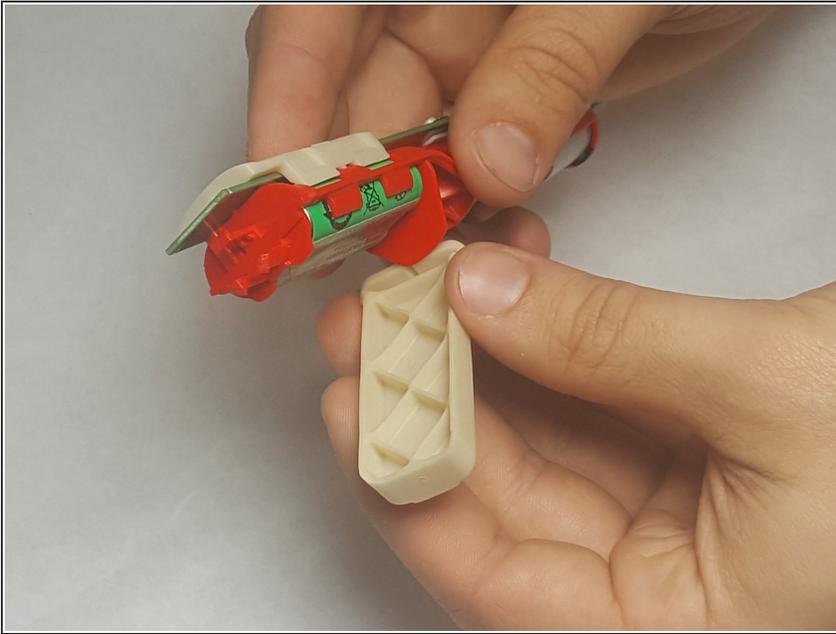
**⚠ Be very careful not to damage the charging port during this step. Otherwise you will have to solder this part back to the device as shown in the second figure.**

### Step 4



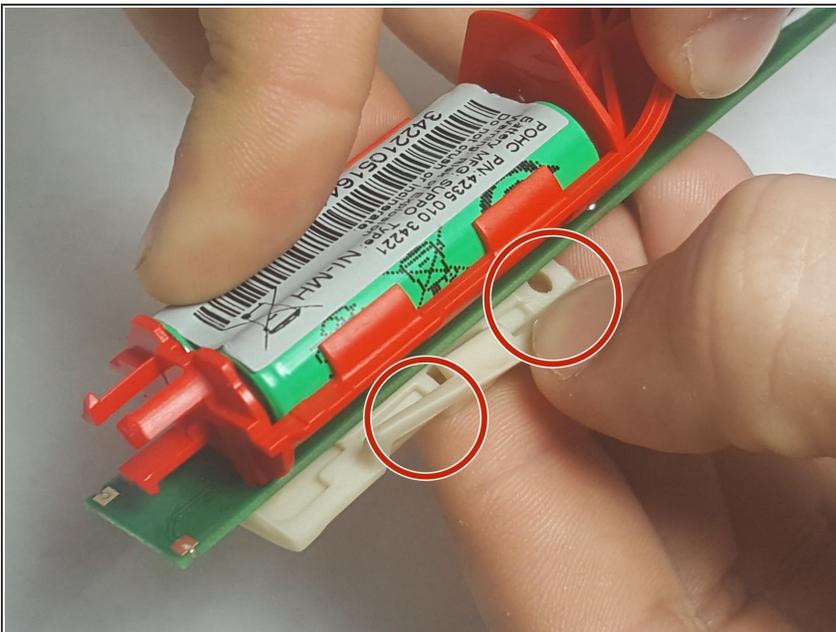
- Next you will be able to remove the internal electronic mechanism as shown in the figure.

## Step 5



- Remove the white battery cover as shown in the figure.

## Step 6



- Remove the white circuit board cover as shown. This cover will require you to pry off the piece from the groves .

## Step 7 — Motor



- Disassemble the device. Remove the plastic piece over the brush attachment as shown. Object can be removed by hand as shown. No tool is required.

## Step 8



- Desolder the motor from the circuit board at the two locations shown.

## Step 9



- Remove the bad motor.