

**SMILE**

Battery replacement instruction  
NE41 19010-02 v1.1

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# Document revision history

Date	Version	Revision details
2019-12-16	1.0	Release of v1.0
2019-12-18	1.1	Added missing pictogram to “5.3 Disposal”.

# 1 Introduction

## 1.1 Intended use

The battery replacement kit is intended only for those Neat products that allow battery replacement. Please contact your sales office for further information.

## 1.2 This handbook

Information notes and warnings intended for maintenance personnel and/or users are emphasized in these instructions by the pictograms defined here.



*The Information sign and corresponding text is intended for information which might be useful, but not critical for the reader and/or user.*



*The Warning triangle sign and corresponding text is intended for critical information to which the user and/or reader should pay special attention.*

In the running text certain text is **highlighted** to emphasize terms etc.

## 1.3 Warnings and disclaimers



*This product contains a lithium battery, swallowing battery may result in serious injury or death. Keep battery away from children.*



*NEAT Electronics is not liable for any issues as a result of incorrectly performed battery replacement.*

## 2 Hardware

### 2.1 General

The battery replacement kit contains a Lithium CR2430 battery, a top shell (color depending on product) and an O-ring.

Other parts pictured in this manual are bottom shell and over molded PCB.



*Pictured in this manual is a neutral colored top shell and bottom shell, not an actual product.*

## 3 Remove battery instruction

### 3.1 Remove top shell



Push the loops outwards with the thumbs until the bottom pops out.

Discard the top shell.



*The top shell must not be reused.*

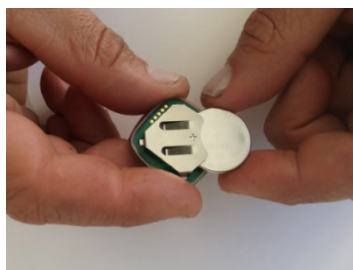
### 3.2 Open bottom part



There is a heel protruding on 2 sides from the circuit board. Use fingernail or a small flathead screwdriver gently on this heel to remove the circuit board from the bottom shell. Be careful not to damage the circuit board.

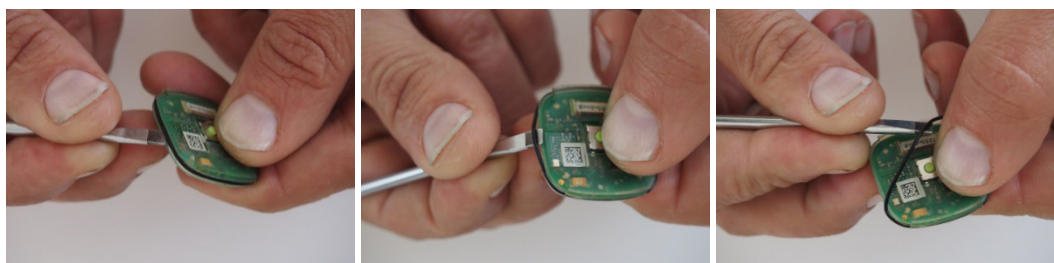
**Do not discard the bottom shell!**

### 3.3 Remove the battery



Remove the battery. Dispose of the battery according to the local instructions for recycling, see section “Eliminación”.

### 3.4 Remove the O-ring

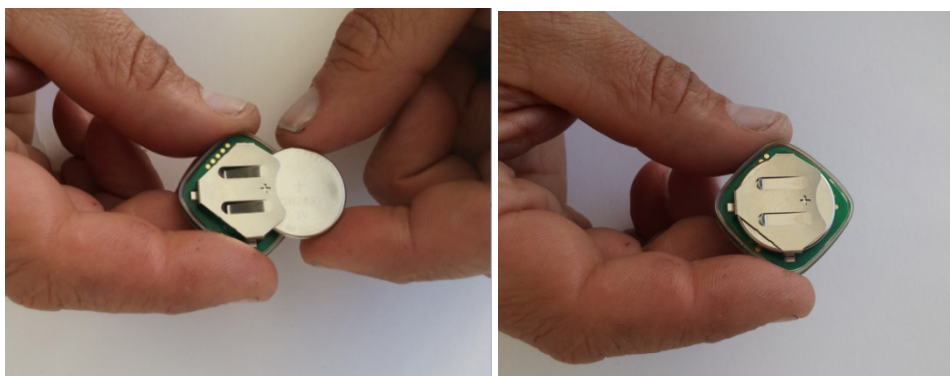


Use a thin flathead screwdriver to remove the O-ring. Be careful not to damage the O-ring groove.

Discard the O-ring!

## 4 Unit assembly with new battery

### 4.1 Insert new battery

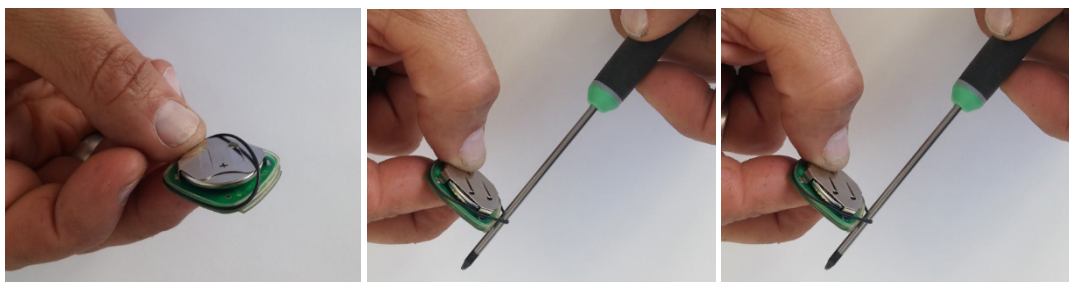


Put the new battery in the battery holder. Check the battery polarity and position the battery accordingly.



*Make sure that the positive polarity of the battery is mounted upwards.*

### 4.2 Mount new O-ring



Place the new O-ring in the groove. Make sure it is not twisted.

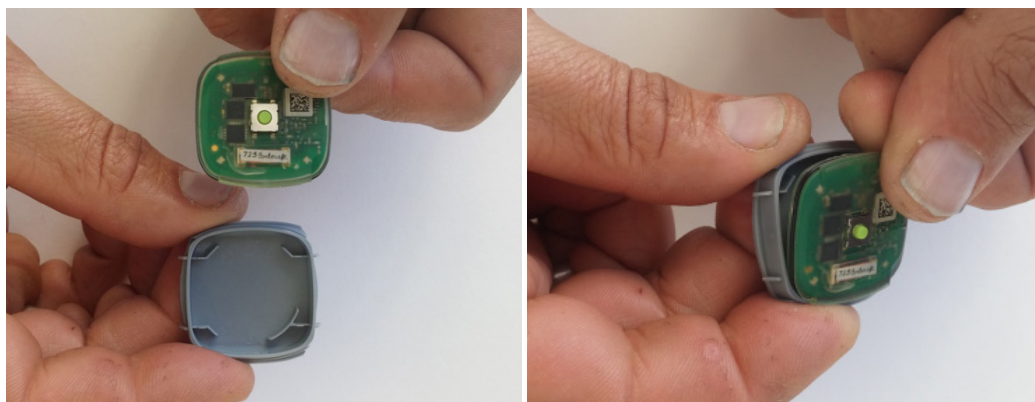
Put a thin screwdriver or a similar tool between the O-ring and the groove of the circuit board edge. Slide it along the edge to position the O-ring in the groove.



Mounted O-ring.



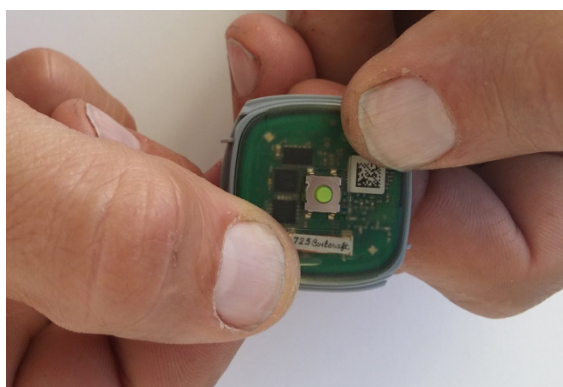
### 4.3 PCB and bottom shell assembly



Place the circuit board into the bottom shell as pictured. Use position of data matrix label as reference for how to turn the circuit board.



*Make sure that the transmitter and circuit board are rotated as shown in the picture.*



Finally push downwards on both sides.

#### 4.4 Top shell assembly



Assemble the Bottom shell with the circuit board in a new Top shell by first placing one of the edges with the snaps in the top shell



Press them together until they snap into position on both sides.

## 5 Safety and disposal

### 5.1 Safety notes

- Read instructions prior to use
- Always test the system per instructions prior to use.
- The product may not be suitable for all persons.
- Check device regularly and replace when necessary.
- Always check the function of the product after making adjustments.
- Our units are NOT intended as a life support device whose malfunction may result in damage to a life.
- Use only original parts.
- Do not expose to direct sunlight.
- Keep away from dust, moist and dirt.
- Do not drop, knock, twist or shake the device.
- Do not warm up the device or use it near fire.
- For repairs, contact a NEAT dealer.

### 5.2 Cleaning

- Clean the device with a soft cloth, dampened slightly with mild soapy water.
- Do not clean the device with harsh chemicals, solvents or other corrosive substances.

### 5.3 Disposal

At the end of the product's use life, please dispose of it at appropriate collection points provided in your country. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (EIA, [www.eiae.org](http://www.eiae.org)).



In the European Union, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling or returned to NEAT Electronics AB.



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