Installation manual for the AIVIA SOLO autonomous Terminal
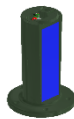
Contents

1. Parts & Tools

Qty	Description	Illustration
1	SOLO foot	
1	SOLO defibrillator cabinet	
1	SOLO photovoltaic head	
6	M8 x 100 mm hex screws	
5	M8 x 65 mm hex screws	
11	Large M8 washers	
4	M5 x 20 mm screw	
1	Key fob magnet for maintenance mode	
2	Button hatch protective seals	

Required tools	
1	Phillips head screwdriver	
1	13 mm socket spanner (for M8 screws/nuts)	
1	22 mm socket spanner/spanner (for M14 screws/nuts)	

Important : Two people are recommended for optimal installation.

2. Technical characteristics of the docking station

602,83
532,00
775,00
2420,00
580,00
470,00
1597,00
1065,00
1147,00
560,00

Ø Ext du socle Ø560,00
Ø int du socle Ø530,00
Ø du massif en acier Ø490,00

Ø Vis (x5)
12mm préconisé
14mm max

Estimation du poids de la borne : Environ 60 Kg

Ø du socle en acier
Ø int du socle
Ø ext du socle

Conçu par	Vérifié par	Approuvé par	Date	Date
a.jovelin	M. Stabile	M. Cabanat		04/04/2022

PYRES.COM
The trace ability

Informations sur la borne Aivia SOLO

Modification | Feuille
1 / 1

Hayes
First Aid

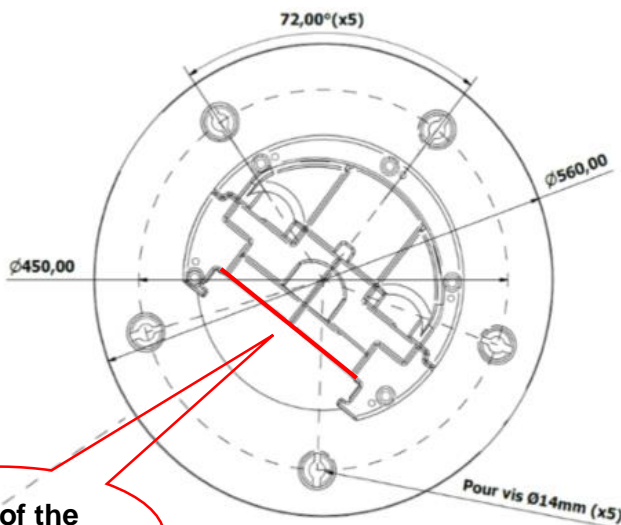Supplies | Training | Equipment
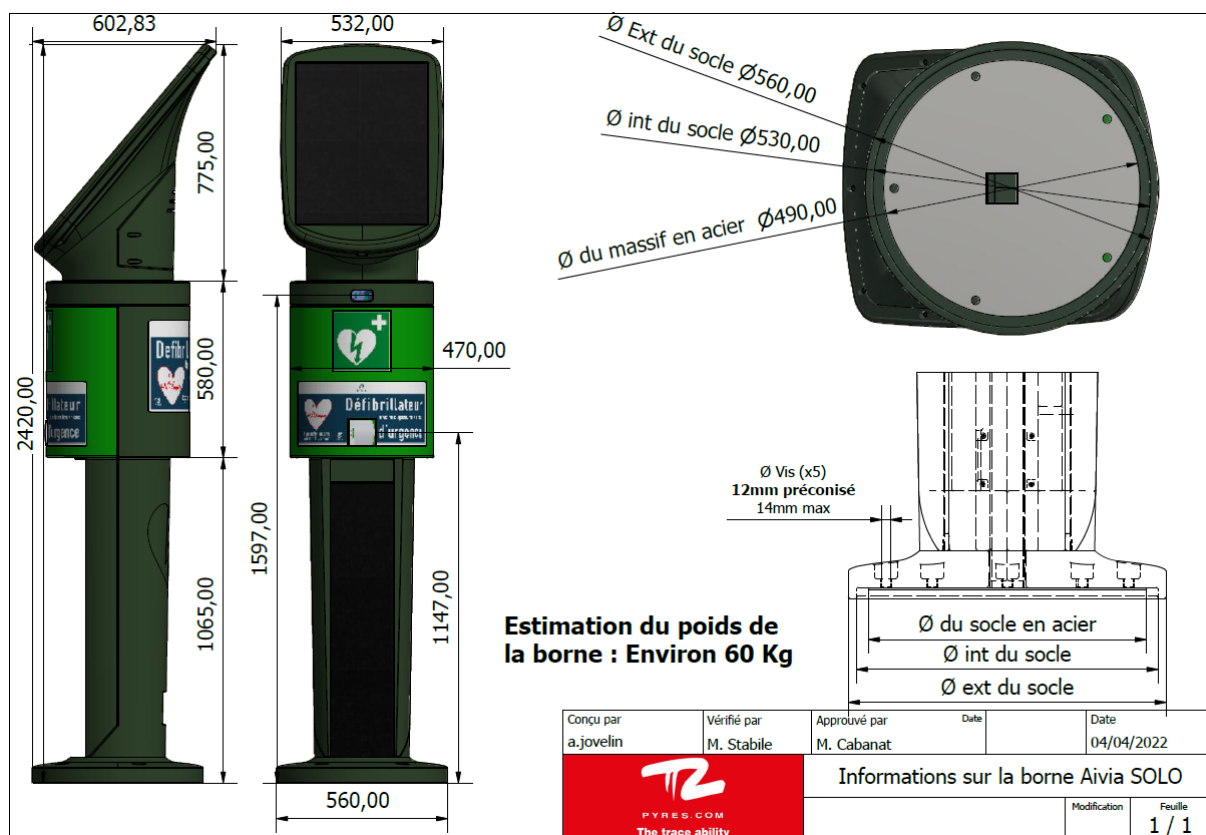
3. **Fastening the foot**

> ⚠️ **The foot must be fastened to the ground using the appropriate technique for the type of surface.**
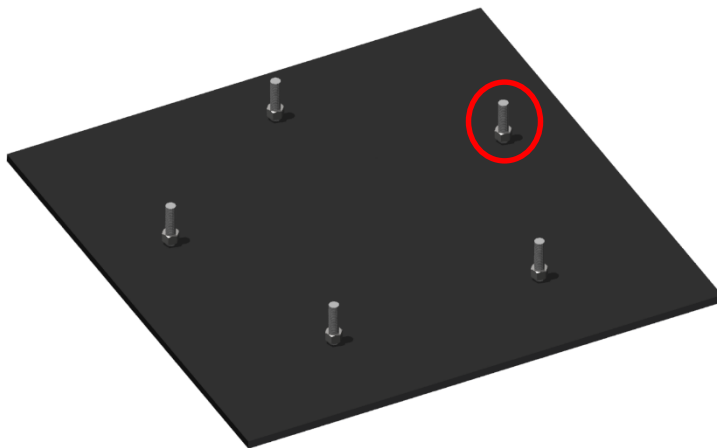> **For example, on concrete, it must be fastened using 5 chemically sealed anchor bolts (12 mm or 14 mm) at a depth of 80 mm, secured using stainless steel tamper-proof shear nuts.**

72,00°(x5)

Ø560,00

Ø450,00

Pour vis Ø14mm (x5)

Front of the foot

The front of the foot must be aligned with the front of the cabinet

Use the foot as a template to mark the holes to be drilled.

You can compensate for sloped surfaces up to a 5% grade using a system of locknuts; higher grades may require the use of a plate.

Cross section

Plastic base

M14 threaded rod

36mm

Steel plate

2x M14 washers

2x M14 nuts

Z

Z'
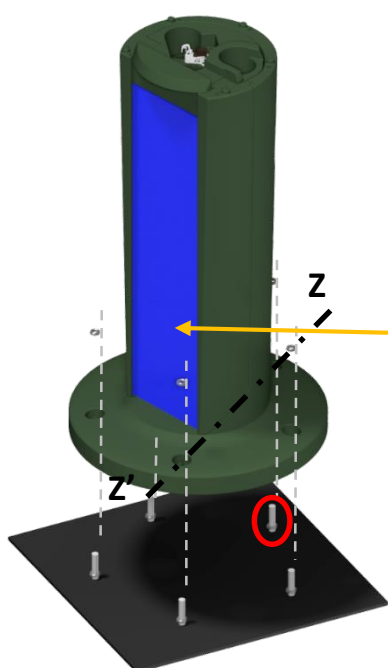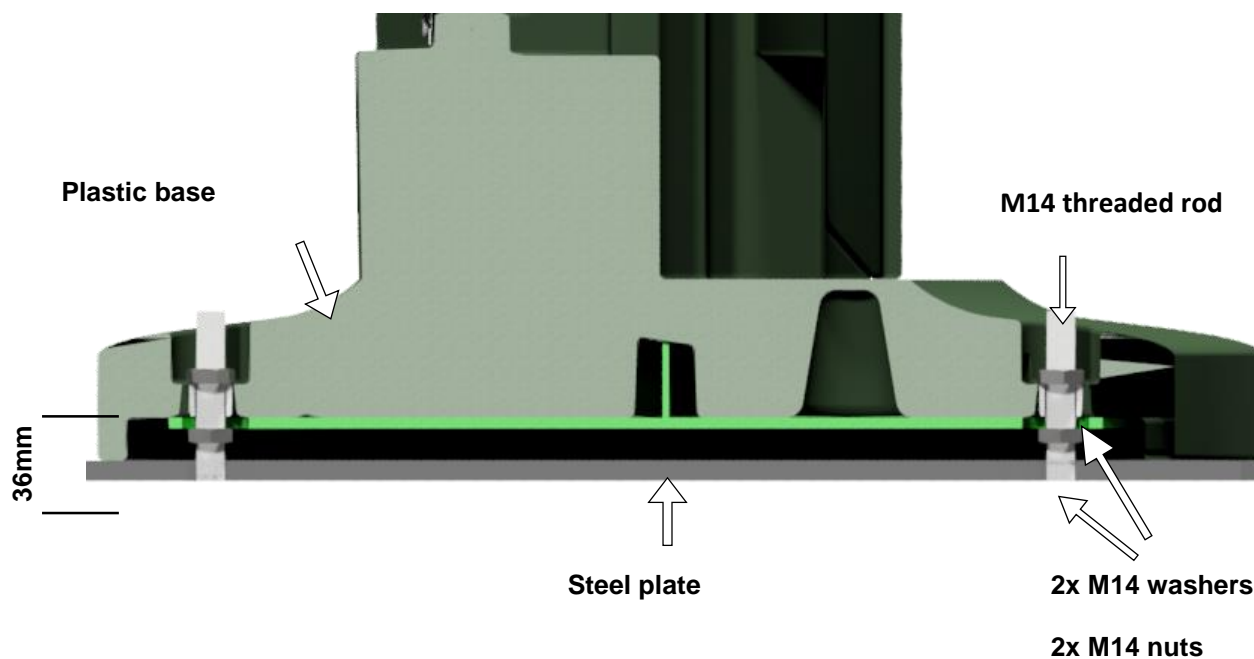
The front of the foot must not be obstructed by any obstacles, as it also marks the open position of the cabinet door.

Hayes
First Aid

4. **Connecting and fastening the cabinet**

This docking station is designed for use with **the solar panel facing south and out of the shade** *in order to maximise its battery life:*

| 60° | 120° | 180° | 240° | 300° |
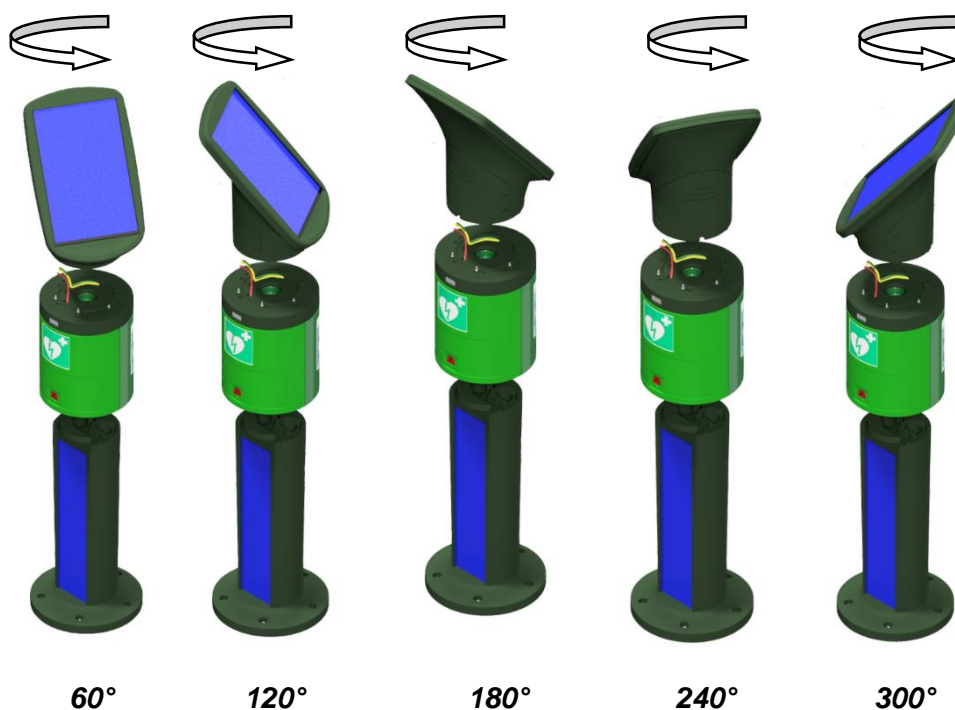
Position the cabinet. The front of the cabinet must be aligned with the front of the foot. Connect the GREEN RJ45 and BLACK RJ9 cables according to the diagram below:
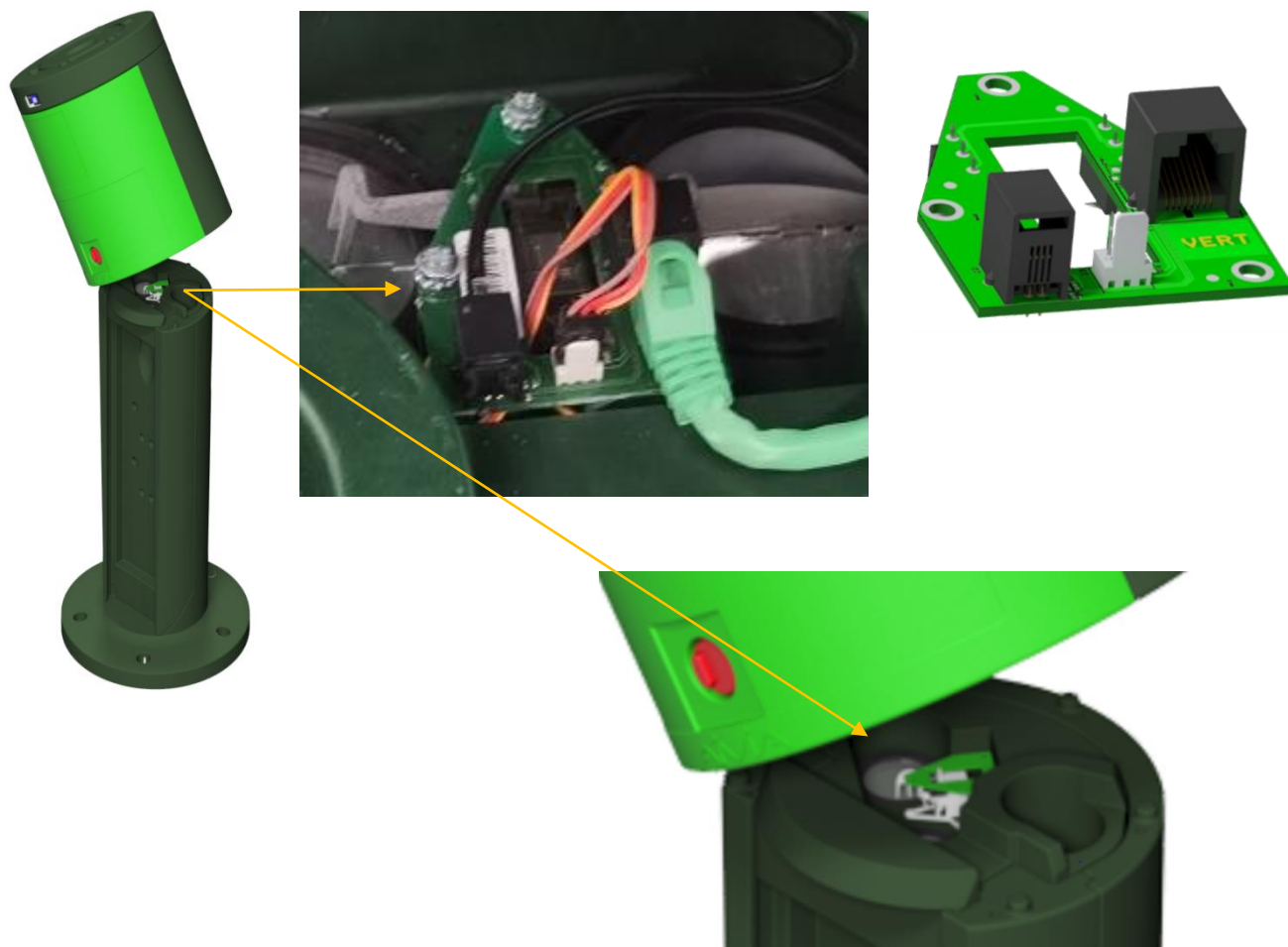
Opening the door

Once the cabinet is in position, press the red opening button to lower the door on the runners

Remove the heating cover that is housed in the Aivia SOLO

The cover is held in place with VELCRO

You can now attach the cabinet to the foot with the 5 **M8 x 65** screws and 5 **M8** flat washers provided:

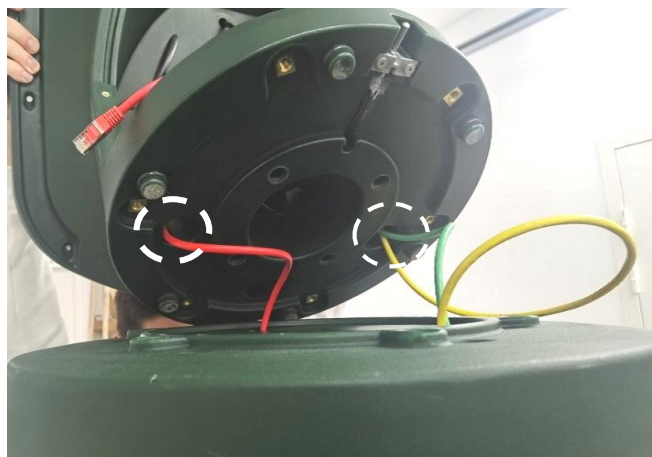## 5. Connecting, adjusting and fastening the photovoltaic head

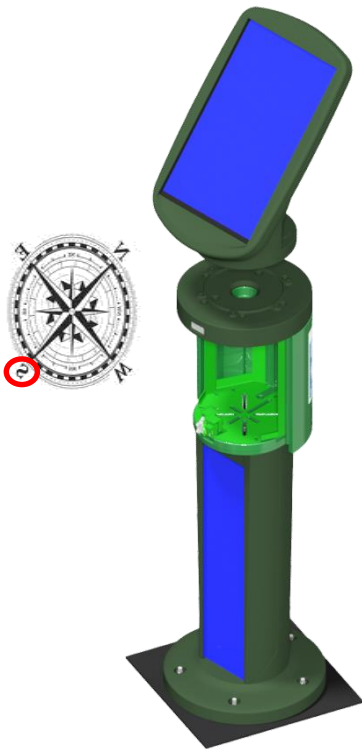Remove the 2 screws :

Before connecting and positioning the head on the cabinet, detach the rear hatch by removing the **5 x 30** Phillips screw :

M5x30

Insert the YELLOW, GREEN, GREY and RED cables into the holes according to the photo Below :

Once the cables are threaded though, turn the photovoltaic head **to face south, keeping it out of the shade** :
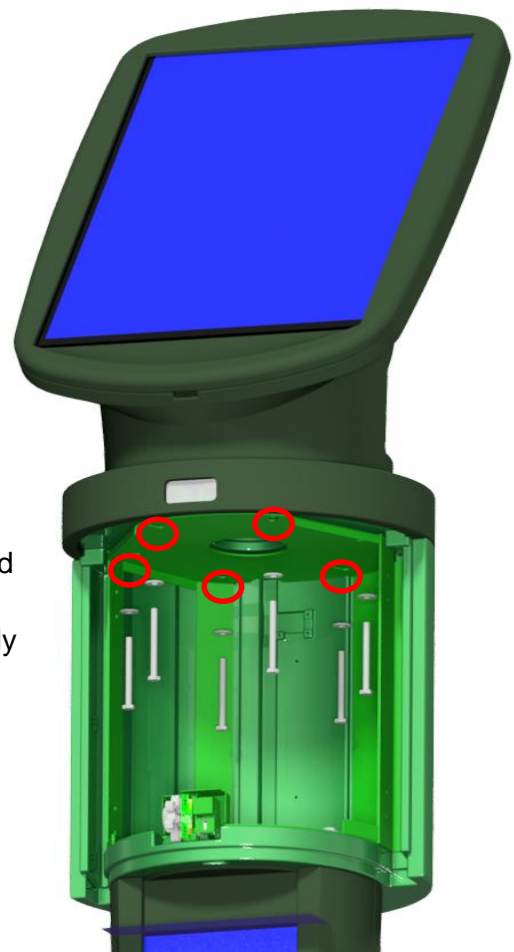

Be careful not to pinch any of the cables while positioning the head
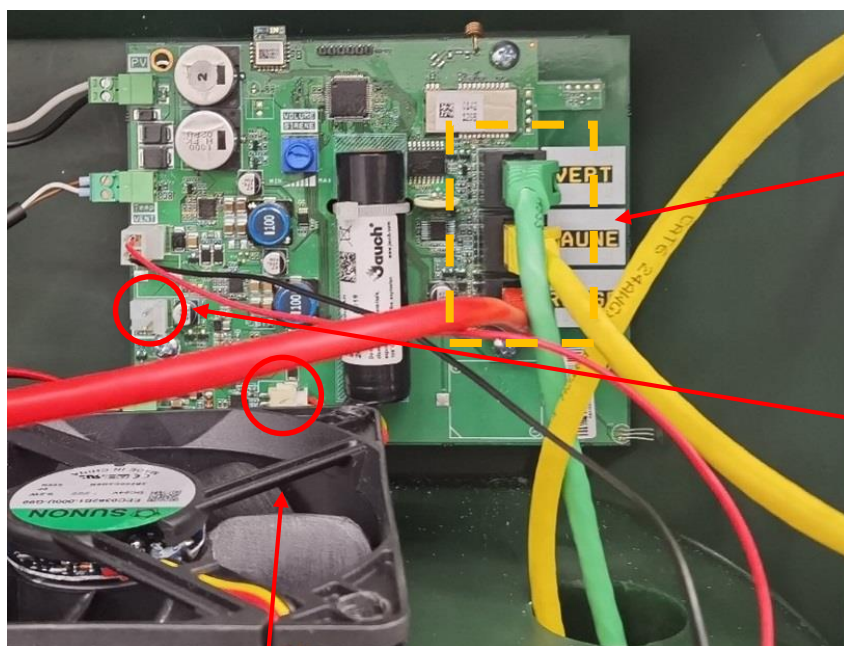
Fastening the head

Fasten the head in place with the 6
M8 x 100 screws and M8 washers Provided

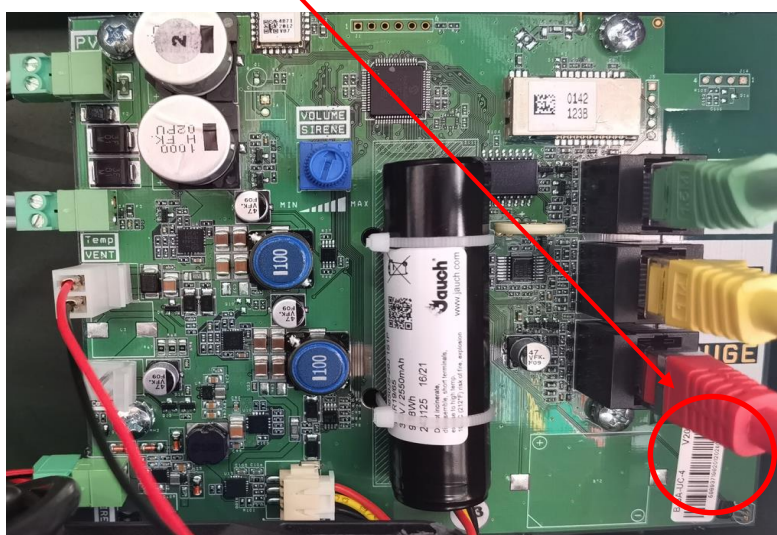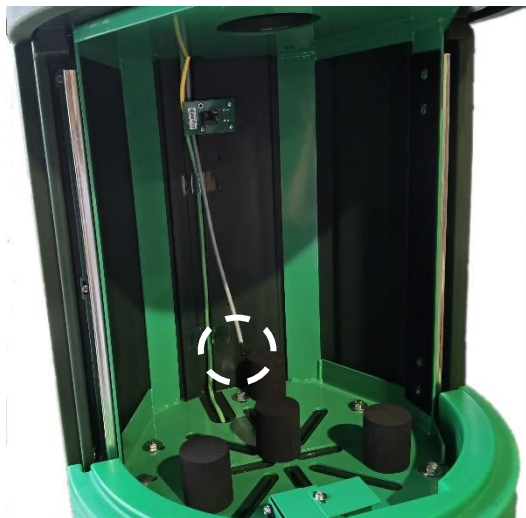Including the 2 screws and nuts previously unscrewed.

Connecting the cables

Connect the GREEN, RED, and YELLOW RJ45 cables to the circuit board according to the colours printed on the board.

Connect the heater cable.

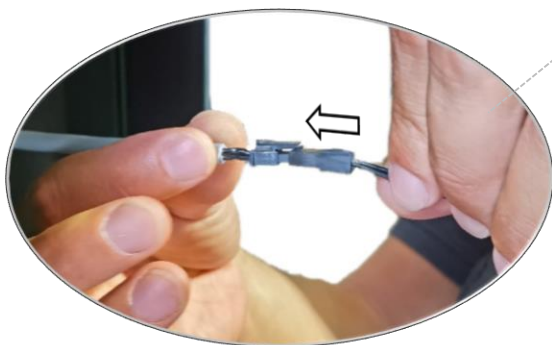Connect the battery cable

6. Installing and connecting the defibrillator cover

Grab the gray cable

Connect the gray cable to the
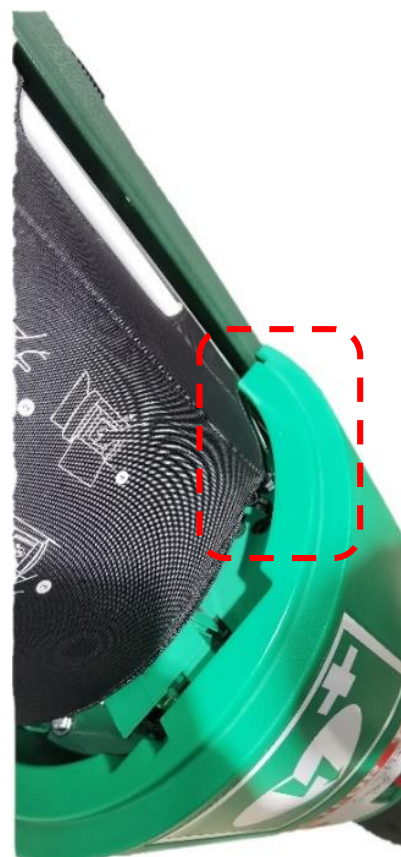connector attached to the cover

Connect the RJ9 connector to the board on the bottom of the Aivia SOLO

Position the cover against the bottom of the Aivia SOLO

⚠ **Make sure the cover does not block the door from being raised**

Maintenance mode

The SOLO docking station is ready to operate. With the door open, put the key fob magnet on the spot indicated to enter maintenance mode. A very short "alarm beep" indicates that the SOLO docking station has entered maintenance mode.SOLO.
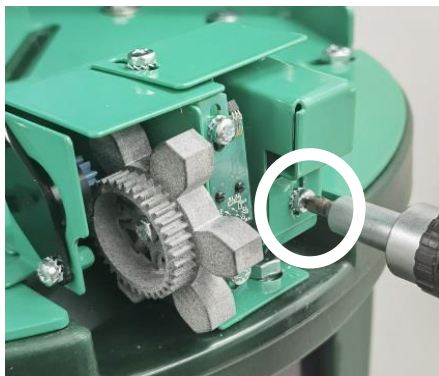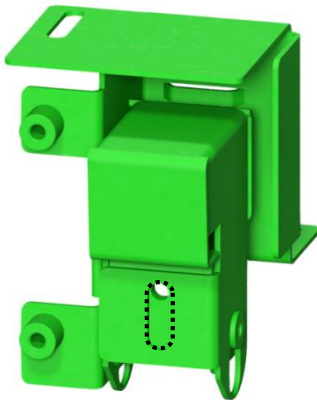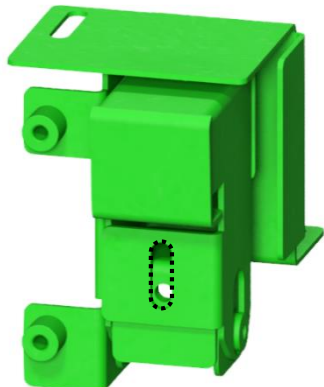
Adjusting the door opening and closing (if necessary)

Unlock the door using the 2 black pull tabs on either side of the door

2 x black pull tabs

The pull tabs are located on the back of the door

Adjusting the height of the latch

Adjustment location	Setting 1	Setting 2
Adjusting the height of the latch to optimise the height of the door	Position of the hole on the outside of the oblong hole	Position of the hole on the inside of the oblong hole
This adjustment affects the position of the door relative to the cabinet. Ideally, the door should be flush with the cabinet	In this position, the door will tend to sit low *(This image is an extreme example of the phenomenon)*	In this position, the door will tend to sit high *(This image is an extreme example of the phenomenon)* Caution: if the latch is very high, the door may touch the top of the cabinet before the latch can operate *(making it impossible to close)*

Engaging the door
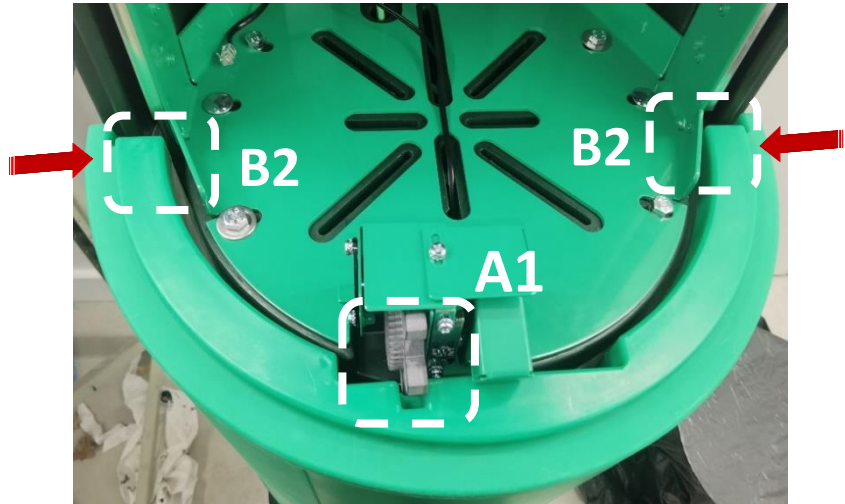
When raising the door,
pay attention to the position of the toothed
wheel, as it may block the door.
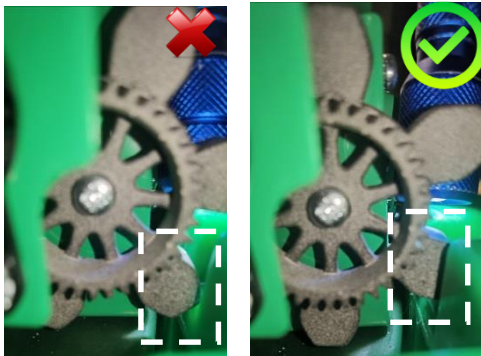
Engage the wheel in the rack **A1**

Take care to
close and open the
door before
proceeding to the
next step

**Check that both runners are properly
engaged**

The runner is not properly
engaged. Pull the door out and
exert more intense pressure

The runner is properly
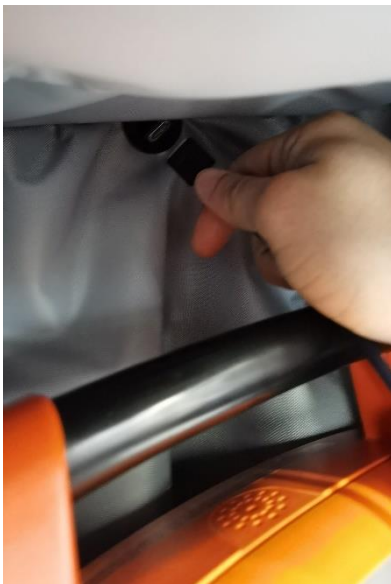engaged. The door is
properly fitted **B2**

Installing the defibrillator and calibrating the AED sensor

Place the sensor on the magnetic base glued to the defibrillator

Position the defibrillator in the cabinet

Connect the cable from the magnetic sensor to the cable at the bottom of the cover to start calibration

Calibrating the AED sensor

To calibrate your AED sensor, refer to the AED sensor installation manual supplied with your AIVIA SOLO docking station (A-MICD-XX)

Once the sensor is calibrated, the AIVIA SOLO docking station is ready to be commissioned

Reattaching the hatch

Reattach the rear hatch using the screws provided. Caution: one of the screws (marked here in RED) is 5 x 30, i.e. longer than the other 4 screws, which are 5 x 20.
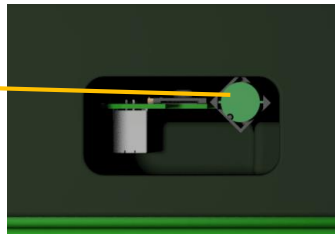
M5x30

M5x20

<u>Closing the door and alarm test</u>

Close the 2 cover zips and raise the door by sliding it upwards until you hear it clip into place.

Check that the sensor light and the visual indicator in the window have turned green. This means that the docking station and defibrillator are working
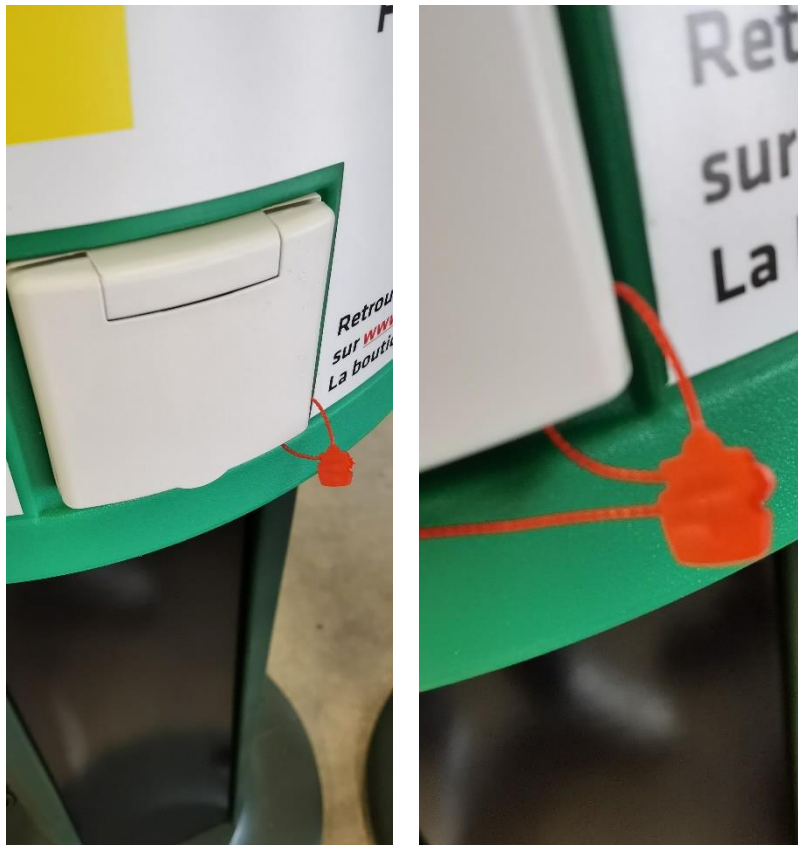
Alarm test

To verify the proper functioning of your SOLO docking station, press the red open button; the door will open and the alarm will sound. If so, you can close the door, and the alarm will stop after 3 seconds.

YOUR SOLO DOCKING STATION IS NOW COMMISSIONED AND OPERATIONAL

Go to the monitoring.aivia.eu monitoring website to consult the information provided by your AIVIA SOLO DOCKING STATION

On the monitoring website, you can download the A-GUS user manual for the AIVIAnet server in the documentation section

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Installing the protective seal on the button hatch

INSTALLATION COMPLETE

Pyrescom support technique :
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Mail : sav@pyres.com
A-MISSOLO-FR V2.6

www.pyres.com

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