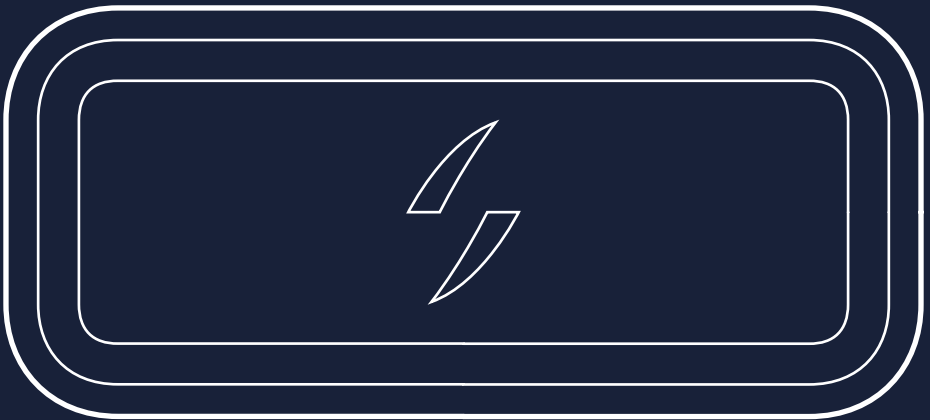


# Instruction Manual



 swytch

Version 001

**Got an accessory?  
Scan here for instructions.**

[www.swytchbike.com/help/manuals/](http://www.swytchbike.com/help/manuals/)



# Safety Warnings

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To ensure a safe and trouble-free experience when using your Swytch Conversion Kit please follow the guidelines below:

## **Kit intended use**

The Swytch Kit is designed for roads and well-made paths. It's not intended for drops of more than 10cm, stunts, cross-country riding, or extreme sports. Misuse may lead to the failure of some components and void your warranty. If your Power Pack receives a significant impact, you should not continue to ride the kit, without checking the safety with a Swytch representative. The product must be used in compliance with your local laws and legislation.

## **Charger warnings**

The Power Pack is safe for home use, but the charger and battery will gradually and naturally heat up when it's plugged in. Do not use a previous generation of charger to charge your MAX+/MAX++ Power Pack, doing so will void your warranty. Avoid leaving your Power Pack on charge for longer than necessary as this can lead to reduced battery life. Provide adequate ventilation during charging.

**Note:** upgrade kits will not be provided with a plug, plugs can be recycled from previous generation kits and used with a new charger block.

## **Power Pack warnings**

Charge your Power Pack as soon as you receive your Kit. Only use the Swytch charger provided to charge your Power Pack. Charge your Power Pack every 90 days whilst in storage. Read the instruction manual thoroughly to reduce the risk of injury or damage.

This Power Pack must not be exposed to temperatures below -10°C or above 40°C. The battery contains dangerous substances, so do not disassemble, impact, or soak it in water.

Any metallic or conductive objects must not be placed into the charge port other than the charger as it may cause electric shock, fire or other injury. Don't connect the charger if water, ice or condensation is in the charge port.

USB-C port must be always covered with a port flap when not in use. Do not connect USB-C cable if water is present in the port, wait until it is fully dried. Do not connect damaged or low-quality cables.

The front light should always face away from the rider to avoid blinding the rider.

## **Mount warnings**

The handlebar mount handle must be fully engaged with the Power Pack. The Power Pack must be fully connected within the mount for correct operation. The Power Pack should sit vertically within the mount with the logo facing forwards and the yellow connector at the top.

It is critical to fix the mount 90deg to the ground to prevent the Power Pack from falling out while opening the clamp.

### **Motor Wheel warnings**

For carbon-fibre, and other types of weak/thin forks, you may need a torque arm in addition to the torque washer to safely transfer the motor torque without damaging the forks.

When fitting the axle into the forks it is essentially that it fits tightly. If there is any movement, or if the axle does not fit into the forks then you must get in touch with our support team.

**Do not attempt any modification without consent from an official Swytch Bike representative.**

If you opted for a rear wheel, check that your brakes and gears are adjusted to function safely. If unsure – contact our customer service or seek help from a bike technician. When installing the rear wheel, make sure that your fingers are free from pinch points to avoid injury.

If you opted for a thru-axle wheel, ensure you always fit the thru-axle torque arm on the motor. Always tighten the original thru-axle skewer to the manufacturer's specification.

### **Tighten up before riding**

Whether it's your first ride or your hundredth ride, please ensure all nuts, screws and bolts are tight before taking off on the road. Any loose parts could result in the motor wheel coming off while riding - please be careful. Every 100 km, check your wheel spokes are tight to ensure that the wheel remains secure. Refer to the maintenance section in the digital manual for more guidance.

### **Maintain your bike**

For a safe ride on any bicycle, the bike must be well-maintained and in good working order. Regularly check and maintain the condition of your bike.

### **Spares**

Only genuine replacement parts for safety-critical components must be used. There are no consumables or lubricants necessary for the Swytch Kit. Using third-party replacement parts will void your warranty. Please contact our support team for more information about spares or visit [shop.swytchbike.com](https://shop.swytchbike.com) to purchase additional items.

### **Warnings**

Throughout the manual, these callouts warn about situations that could cause serious injury and/or heavy material damage or death, if you don't follow the safety instructions.



### **Get in touch**

Before you ride your Swytch Bike for the first time, please be sure that it has been correctly assembled. For further help and support visit our help centre - support.swytchbike.com

**As required by the EPAC standard, the A-weighted emission sound pressure level from the Swytch kit does not exceed 70 dB(A).**



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---

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---

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## 3

### Know Your Kit

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# 1

# Getting started

Kit Checklist

Tools Required

# Kit Checklist

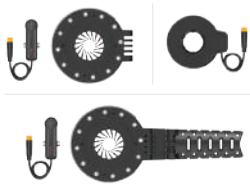
Use this list to get all the parts ready before you start.



Power Pack



Motor Wheel



Pedal Sensor  
(your selected option)



2A Charger



Mount  
(includes x3 spacer sets)



Cable Ties

\*Please note that this doesn't include any optional accessories.

## Tools Required

You'll need to use the following tools to install your Kit. Please note that these aren't provided.



Allen Key Set



Tyre Levers



Bike Pump



Adjustable Spanner



Ruler



Scissors

# 2

## Installation

Front Motor Wheel

Pedal Sensor

Mount



## Front Motor Wheel



Your Swytch motor wheel has been built to your specified size and incorporates the 250W motor hub that powers your bike. It's important that it is securely fitted into your forks.



**If your motor wheel has an axle spacer warning on it, [click here for instructions.](#)**



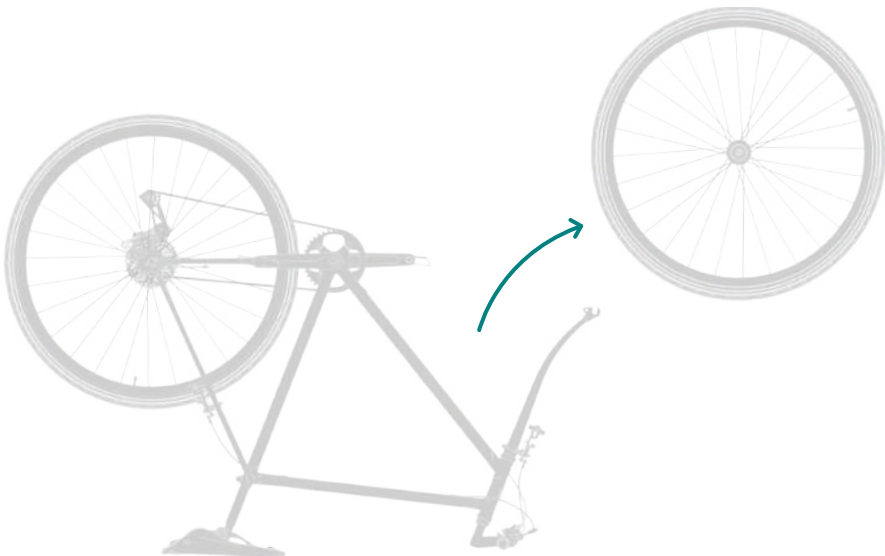
[Click here if you have  
a rear motor wheel.](#)

### 1. Remove your existing front wheel

- 1.1 Turn your bike upside down. Release your brakes, then loosen your front wheel and remove it.

#### **Note**

These steps depend on the brand and type of bike you have. If any doubts, please refer to your bike manufacturer's instructions.



## 2. Prepare your Swytch motor wheel

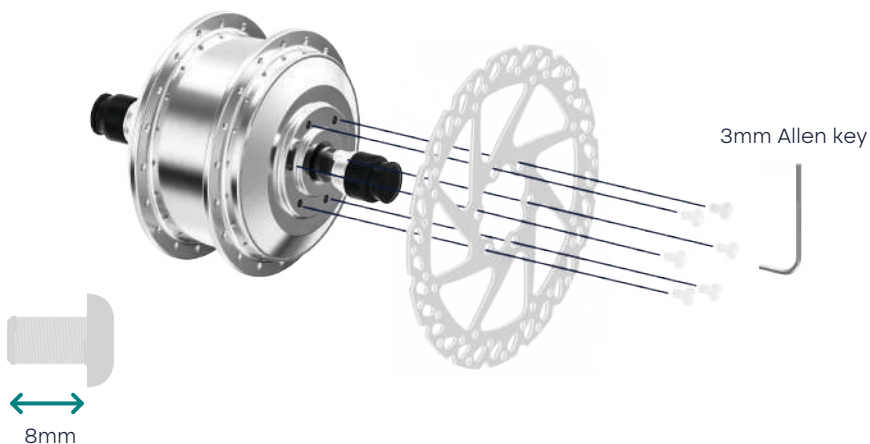
- 2.1 Fit your Swytch motor wheel with a tyre and inner tube using either your existing set or a new set (advised). Use tyre levers to help you.
- 2.2 Pump up the tyre to the manufacturer's suggested tyre pressure. This is printed on the sidewall of the tyre.



- 2.3 If you have disc brakes, remove the six screws and plastic spacer from the motor wheel.
- 2.4 Move the disc rotor from your old wheel onto your Swytch motor wheel.
- 2.5 Use your existing screws and hardware. The screws should have an 8mm thread length.



Ensure 2-3 Nm of torque is used.  
Visit [swytchbike.com/manual/3nm/](https://swytchbike.com/manual/3nm/) for support.



### 3. Fit the Swytch motor wheel onto your bike

- 3.1 Loosen the screws slightly and slot the Swytch motor wheel into the fork dropouts.

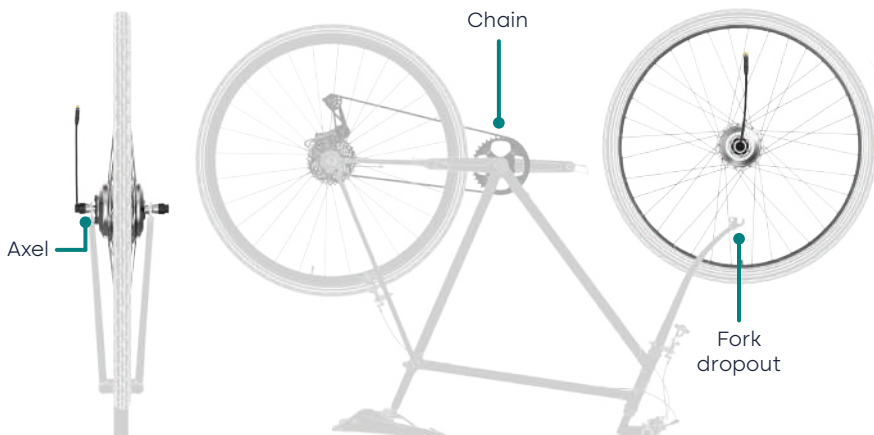
If you notice a gap between the axle and the forks, or if it doesn't fit tightly then please get in touch with our team for help.



The motor cable **MUST** be on the **opposite** side to the chain.



Don't file your forks to make the motor wheel fit. Contact our team for options.

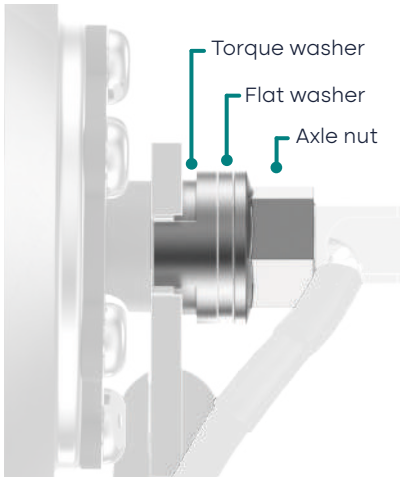


The motor cable **MUST** exit out towards the sky when the bike is **upside down**.



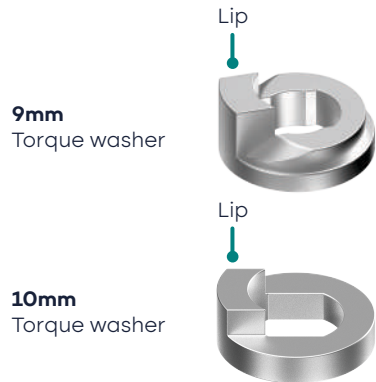


- 3.2 Fit the torque washer, flat washer, and axle nut as shown on **both sides of your bike**. Your bike fork dropouts should fit snugly around the lip of the torque washer.



#### Note

You will have received either a 9mm or 10mm torque washer, depending on your wheel size.



If your motor wheel has an axle spacer warning tag on it, [click here for instructions](#).

## Motor Wheel not fitting correctly?

Check if the motor casing touches the forks. If so, widen the gap between them by adding the flat washer inside the fork.



Alternatively, move the torque washer inside the fork instead of the flat washer.

The torque washer will push the forks out, so you may need to apply some pressure to seat the fork over the torque washer.

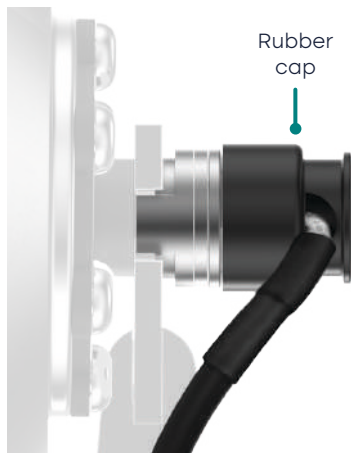


## 4. Tighten the Swytch motor wheel

- 4.1 Using a spanner tighten the nuts on both sides of the motor wheel. You'll need to temporarily take off the rubber caps to do this.
- 4.2 Place the rubber cover back over the nuts on **both sides** of the motor.



Ensure 45 Nm of torque is used. Visit [swytchbike.com/manual/45nm/](https://swytchbike.com/manual/45nm/) for support.



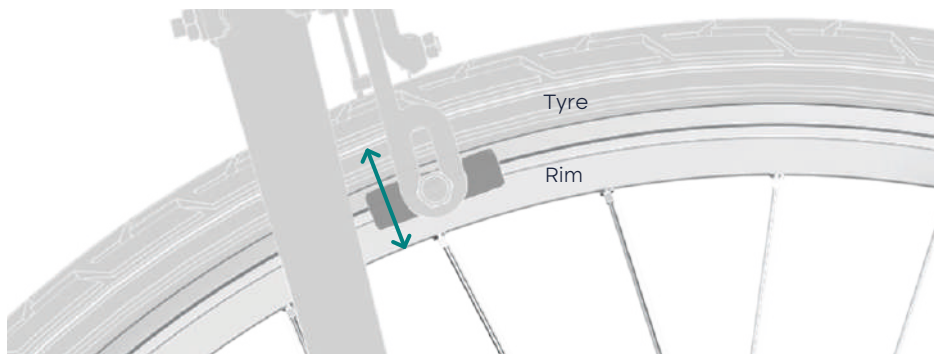
## 5. Check and adjust your brakes (if necessary)

- 5.1 Flip your bike back over.
- 5.2 If you have rim brakes, check the pads contact the new rim correctly. The brake pads should only touch the rim and not the tyre.



When adjusting the brakes, follow the bike manufacturer's instructions.

If you're unsure about working on your brakes, visit [swytchbike.com/manual/adjustbrakes/](https://swytchbike.com/manual/adjustbrakes/) for support.



## 6. Check your motor wheel

- 6.1 Lift the front of the bike off the ground and spin the motor wheel by hand. The wheel should spin freely.



For carbon-fibre, and other types of weak forks, you may need a torque arm in addition to the torque washer to safely transfer the motor torque without damaging the forks.



When inserting the axle into the forks, ensure a snug fit. Contact our support team if there's any looseness or fitting issue. Don't modify without approval from a Swytch Bike representative.

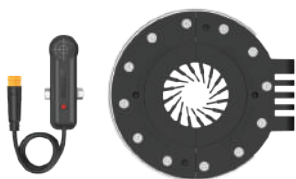
## Pedal Sensor

The sensor is used to detect when you're pedalling.

Depending on what pedal sensor option you selected in your order portal, check the table below to find which page to find instructions to fit.

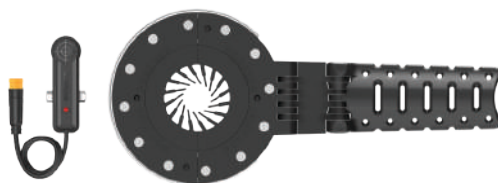
### Standard Pedal Sensor

Page 17 (next page)



### Universal Pedal Sensor

Page 23



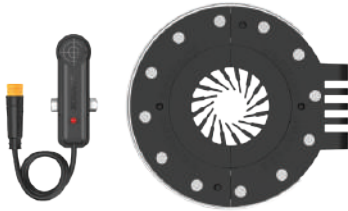
### Integrated Pedal Sensor

Page 32



[Click here for Brompton  
Bike specific instructions.](#)

## Standard Pedal Sensor



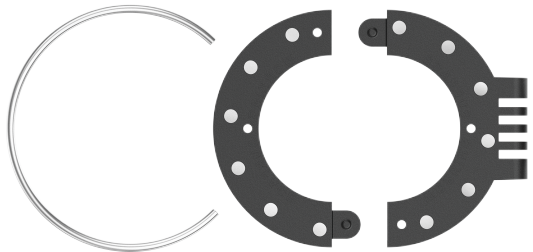
A standard 2-piece magnetic disc, suitable for most standard cranks (e.g. square taper) and a pedal sensor.

### What's included:

Pedal sensor:



Magnetic disc:

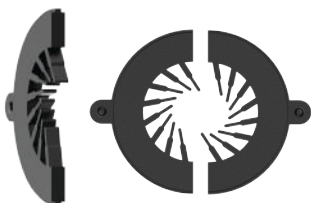


Retention ring

Magnetic disc

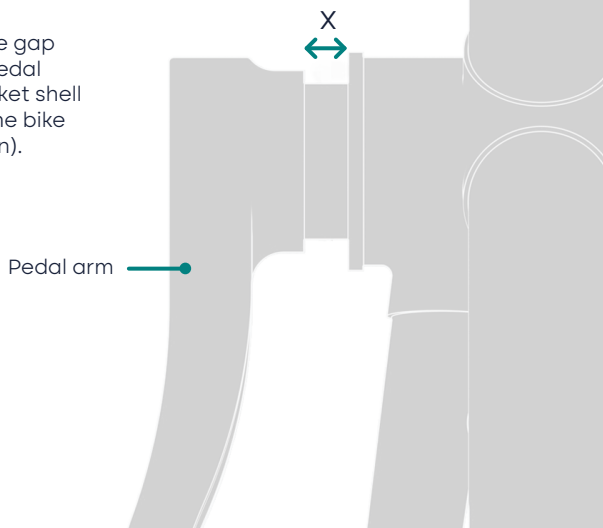
Inserts provided:

Easy-fit **regular** inserts (2 pieces)



## 1. Determine if you need the inserts for your bike

- 1.1 Use a ruler to measure the gap between the end of the pedal arm and the bottom bracket shell on the non-drive side of the bike (opposite side to the chain).








## 2. Check the table below

- 2.1 Use this table to calculate which configuration you'll need for your bike.

### Note

If the gap is 4mm or less you may need to order a universal sensor, contact support for help.

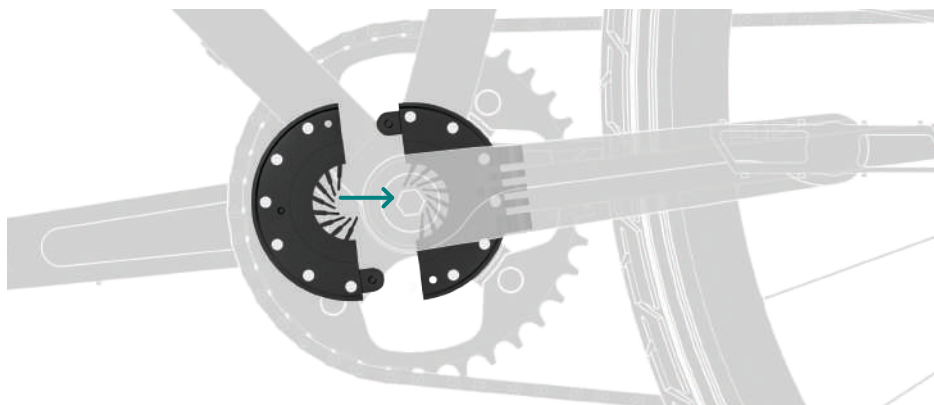
x - Distance Between Pedal Arm and bottom bracket shell	Configuration
4mm or less	<p>First try using the easy-fit regular inserts.</p> <p>If it does not fit, contact support for help as you may need to order our PAS Upgrade set which includes a set of thin inserts and a leg extension.</p> <div>   </div> <p>Thin inserts                      Leg</p>
4mm or more	<p>Magnetic disc <b>with</b> Easy-fit regular inserts</p> <div>    </div> <p>+                      =</p>

### 3. Fit the magnetic disc

- 3.1 Slot the magnetic disc around the crank axle, behind the pedal arm, on the side of the bike opposite the chain.

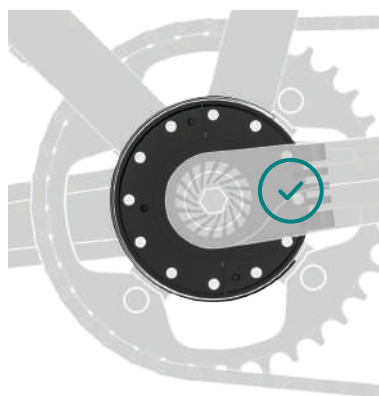
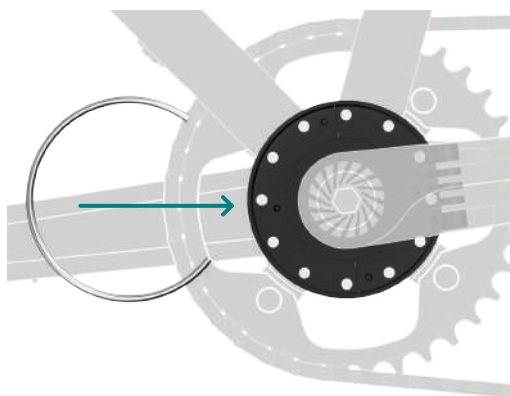
**Check the side of the disc with 'Working Surface' written is facing the bike frame.**

- 3.2 Push and click together the two halves of the magnetic disc. It should be a snug fit. Check the orientation of the spiral is correct if they do not click in easily.



### 4. Fit the retention ring

- 4.1 Slide the retention ring around the magnetic disc to secure the two sides in place.

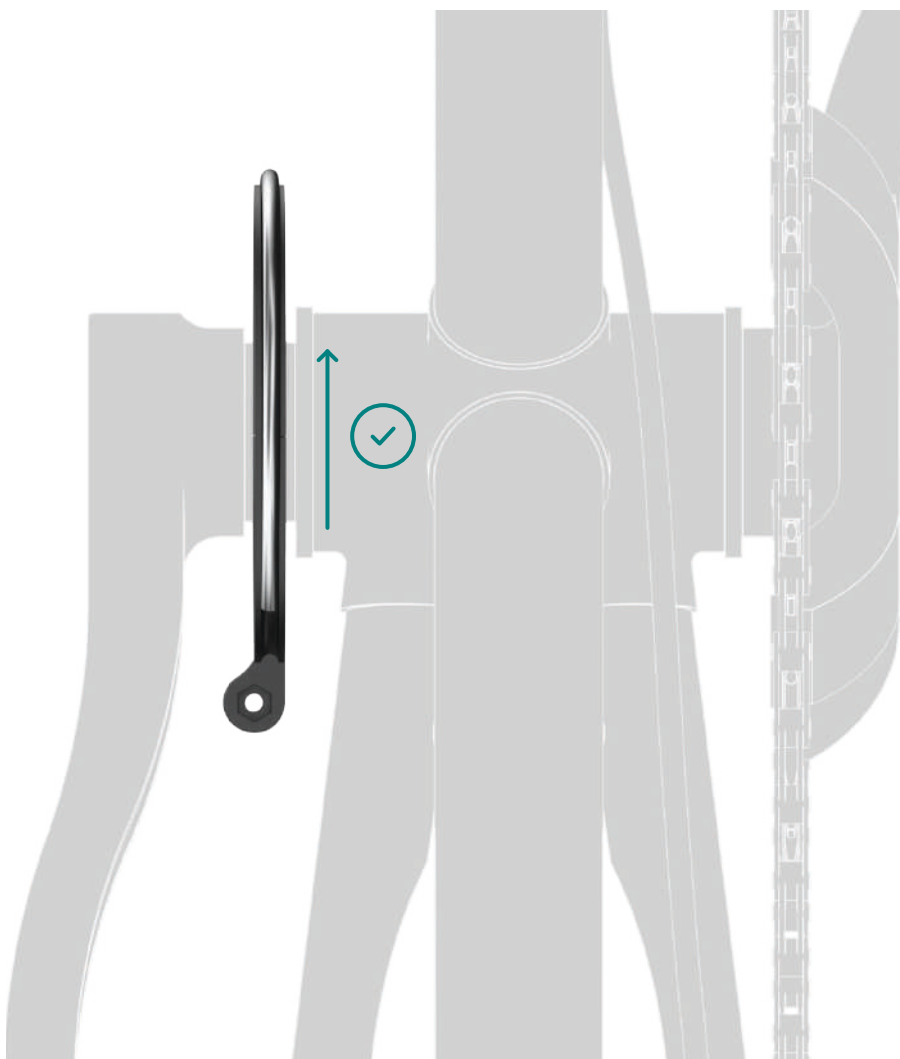


## 5. Check the alignment

- 5.1 The magnetic disc should run parallel to the frame. Check the alignment by rotating the pedal arm backwards and watch for any movement.

### **Note**

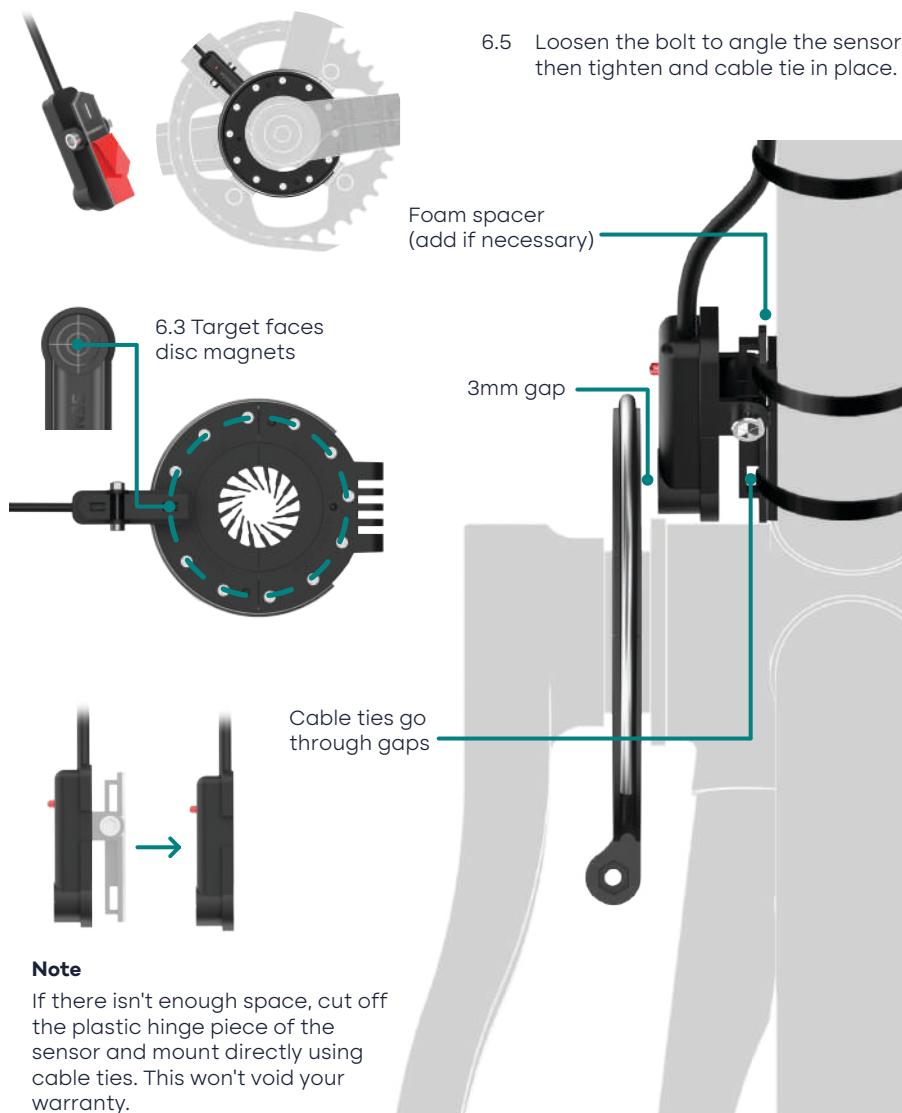
If the magnetic disc slides around when rotating the arm you may need to use the easy-fit regular inserts or contact support for a universal pedal sensor magnetic disc.



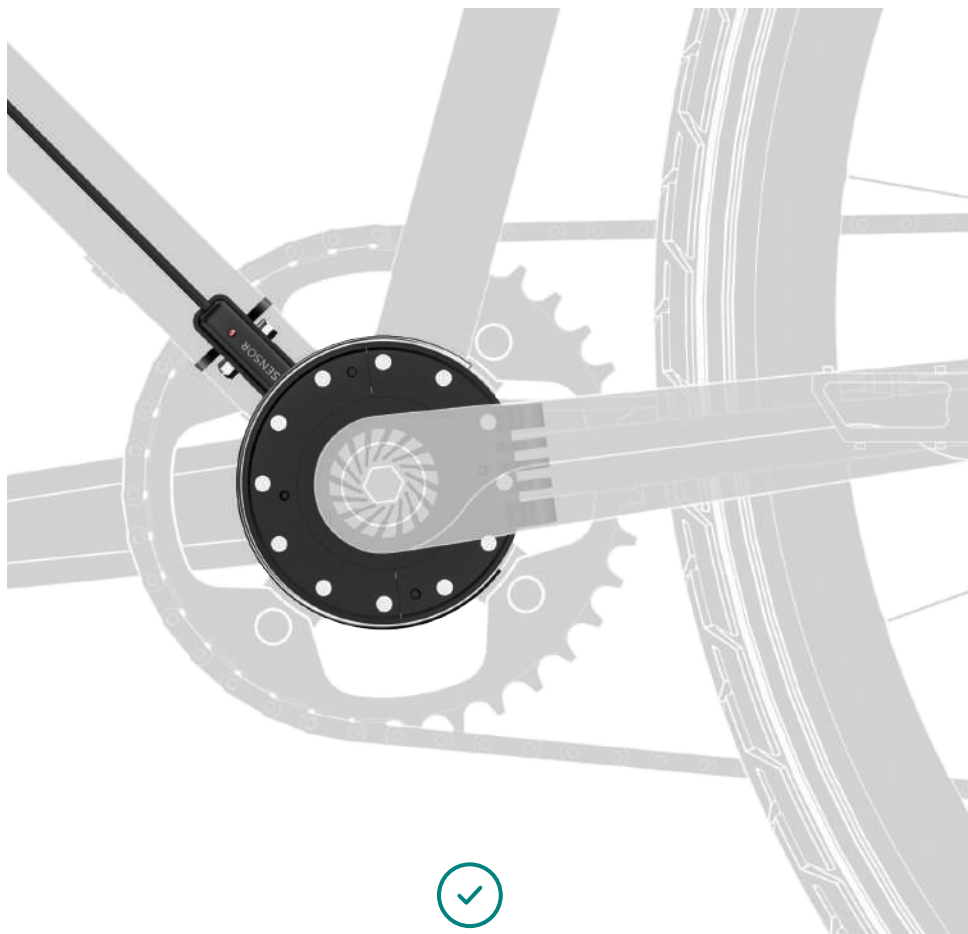


## 6. Line up the pedal sensor, stick and secure

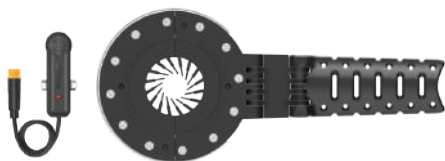
- 6.1 Peel back the red sticker to show the adhesive layer on the back of the pedal sensor.
- 6.2 Stick the pedal sensor to the side of your down tube or seat tube.
- 6.3 Ensure the centre of the pedal sensor is aligned with the magnets on the disc.
- 6.4 Place foam adhesive spacers as required to position the sensor within 3mm of the magnetic disc.
- 6.5 Loosen the bolt to angle the sensor, then tighten and cable tie in place.



## 7. Finished



## Universal Pedal Sensor



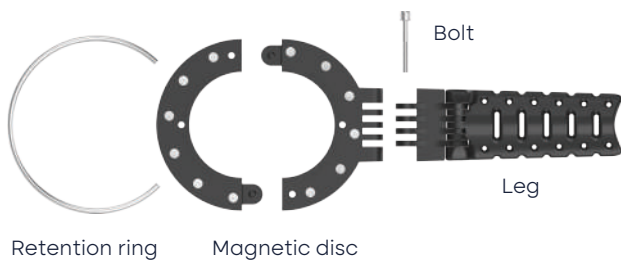
A universal 3-piece magnetic disc and pedal sensor, suitable for ANY crank.

### What's included:

Pedal sensor:

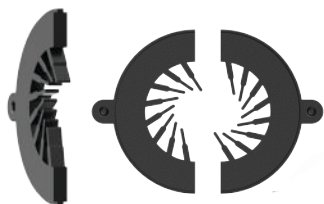


Magnetic disc regular:



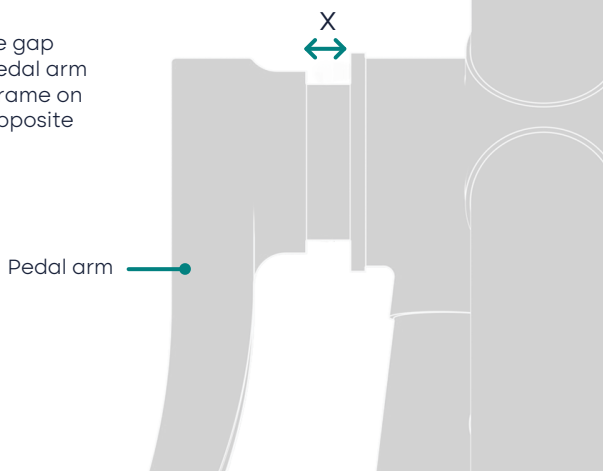
Inserts provided:

Easy fit **regular inserts** (2 pieces)






## 1. Determine if you need the inserts for your bike

- 1.1 Use a ruler to measure the gap between the end of the pedal arm and the start of the bike frame on the left side of the bike (opposite side to the chain).



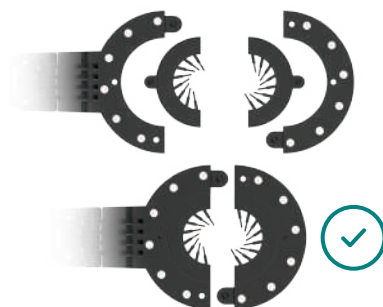
## 2. Check the table below

- 2.1 Use this table to calculate which configuration you'll need for your bike.

x - Distance Between Pedal Arm and Frame	Configuration
2mm or less	Magnetic disc regular <b>without</b> inserts 
2mm - 4mm	Magnetic disc regular <b>with</b> Easy fit <b>thin</b> inserts 
4mm or more	Magnetic disc regular <b>with</b> Easy fit <b>regular</b> inserts 

### 3. Fit the correct inserts (if necessary)

- 3.1 Fit together the inserts with the female parts of the magnetic disc arm. The inserts can slot in facing either orientation, but ensure the spiral of the teeth aligns as shown.

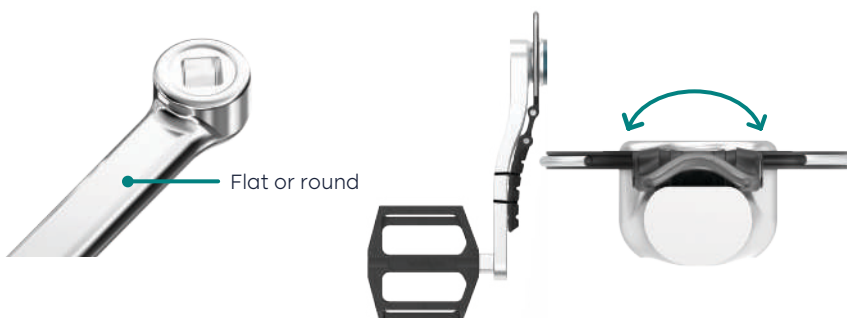


### 4. Determine if you need to flip the leg of the magnetic disc

- 4.1 Check which pedal arm your bike has from the two options below.

#### A. Round or flat pedal arm

The backside of your pedal arm is flat or round.



The magnetic disc leg comes ready to fit round or flat pedal arms (A) like shown so **skip to step 6**.

#### B. Indented pedal arm

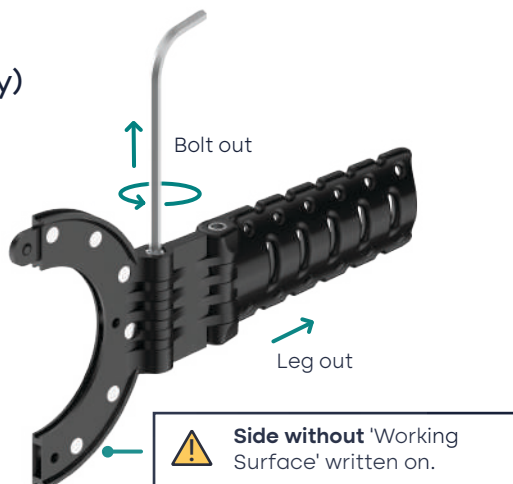
The backside of your pedal arm has a concave indentation.



**See step 5** on the next page for instructions on how to get a better fitment.

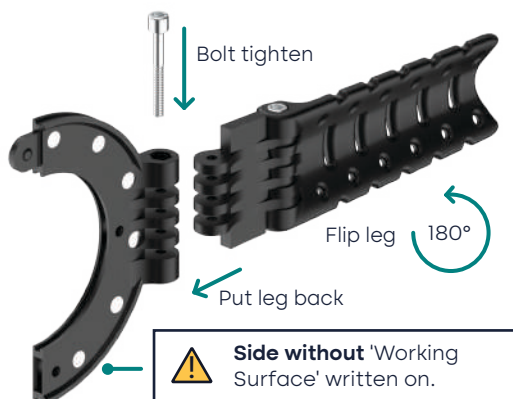
## 5. Flip the leg of the magnetic disc (indented pedal arms only)

- 5.1 Unscrew the bolt using a 2.5mm Allen key. Take out the bolt and the leg.



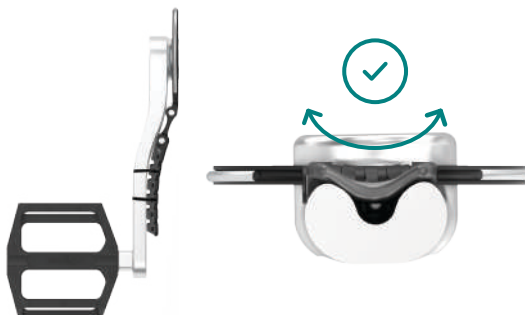
- 5.2 Flip the leg 180 degrees to match image.

- 5.3 Fit back the leg then screw and retighten.



- 5.4 Check that the contour of the leg now will align with the concave indentation of the pedal arm, providing a tighter fit.

**You are now ready to fit the magnetic disc to your bike.**



## 6. Fit the magnetic disc

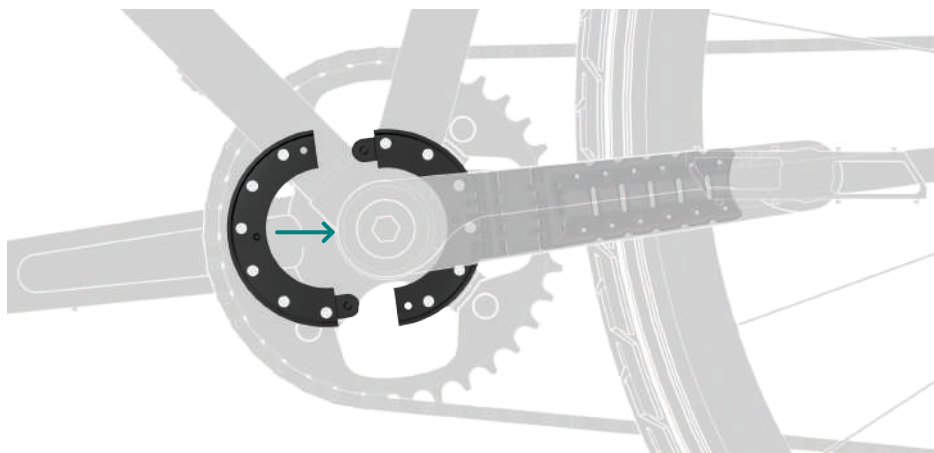
- 6.1 Slot the magnetic disc around the crank axle, behind the pedal arm, on the side of the bike opposite the chain.

**Check the side of the disc with 'Working Surface' written is facing the bike frame.**

- 6.2 Push and click together the two halves of the magnetic disc.

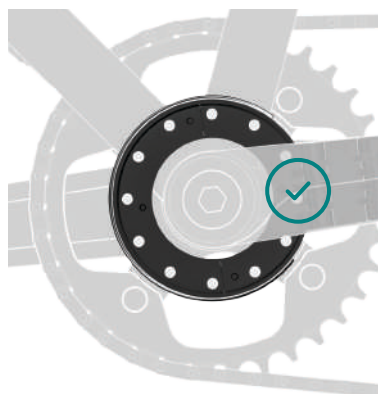
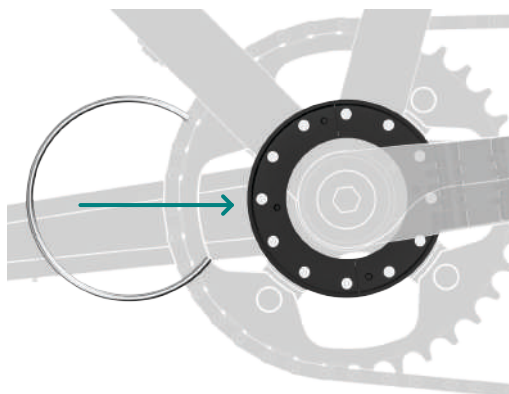
### **Note**

If you have inserts, the same instructions apply.



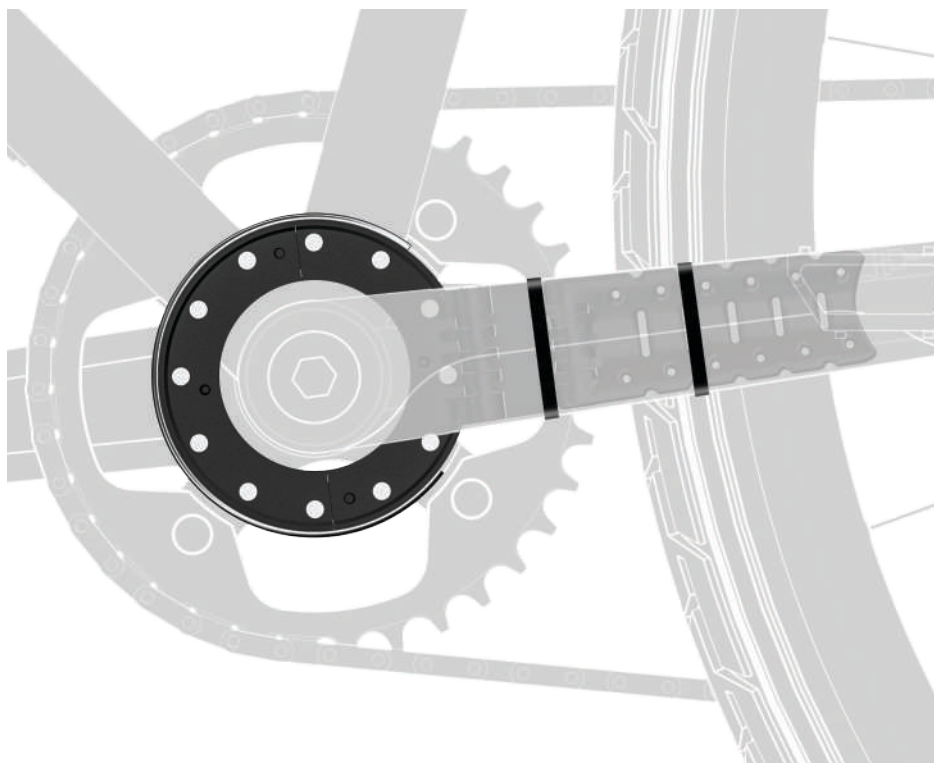
## 7. Fit the retention ring

- 7.1 Fit the retention ring around the magnetic disc to secure the two sides in place.



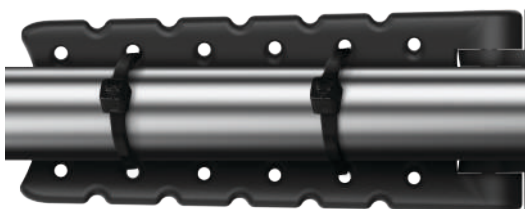
## 8. Secure the arm with cable ties

- 8.1 Slightly tighten cable tie the magnetic disc arm to the inside of your pedal arm in at least two places.



### Note

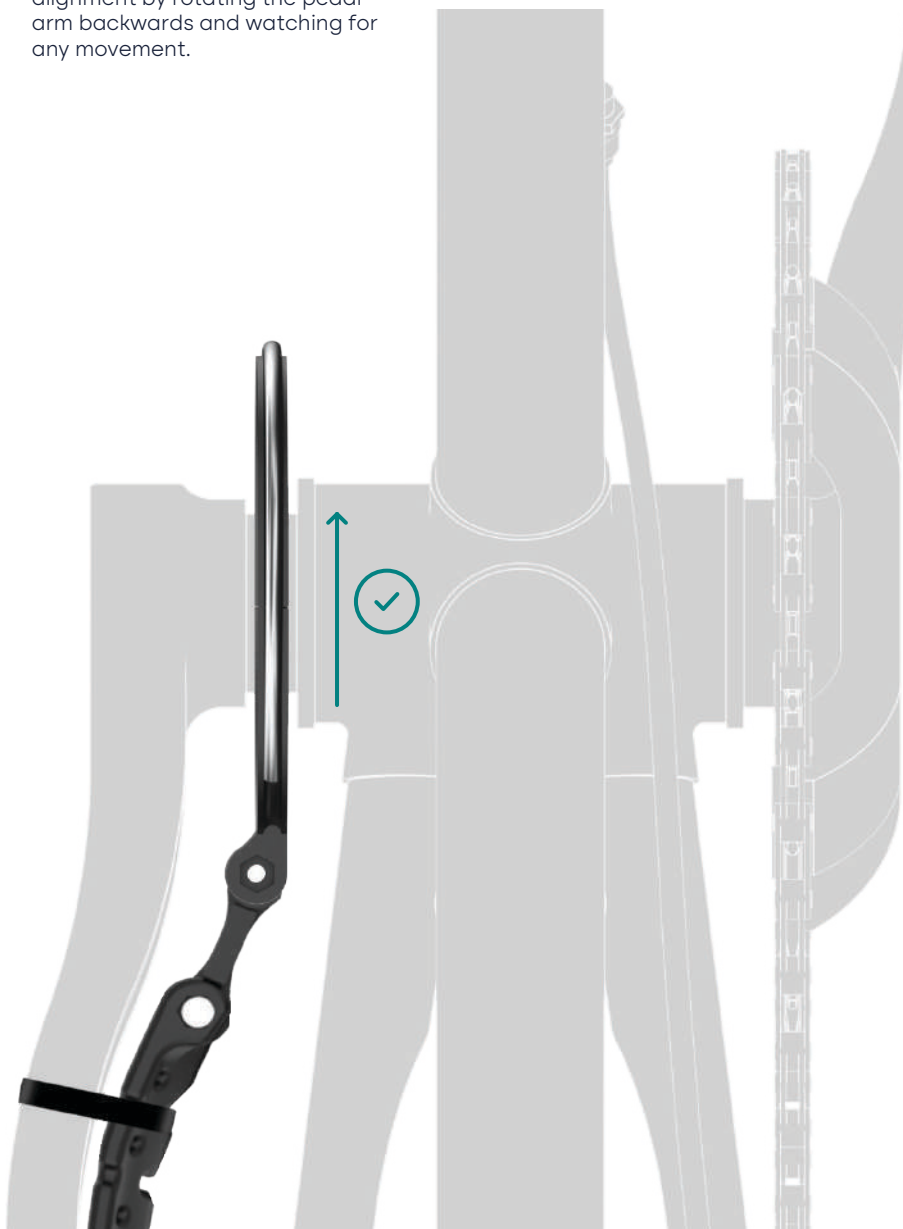
For narrow pedal arms, thread the cable ties through the holes to improve and tighten the grip.





## 9. Check the alignment

- 9.1 The magnetic disc should run parallel to the frame. Check the alignment by rotating the pedal arm backwards and watching for any movement.
- 9.2 Once the alignment is correct, tighten the cable ties and bolts.



## 10. Line up the sensor, stick and secure

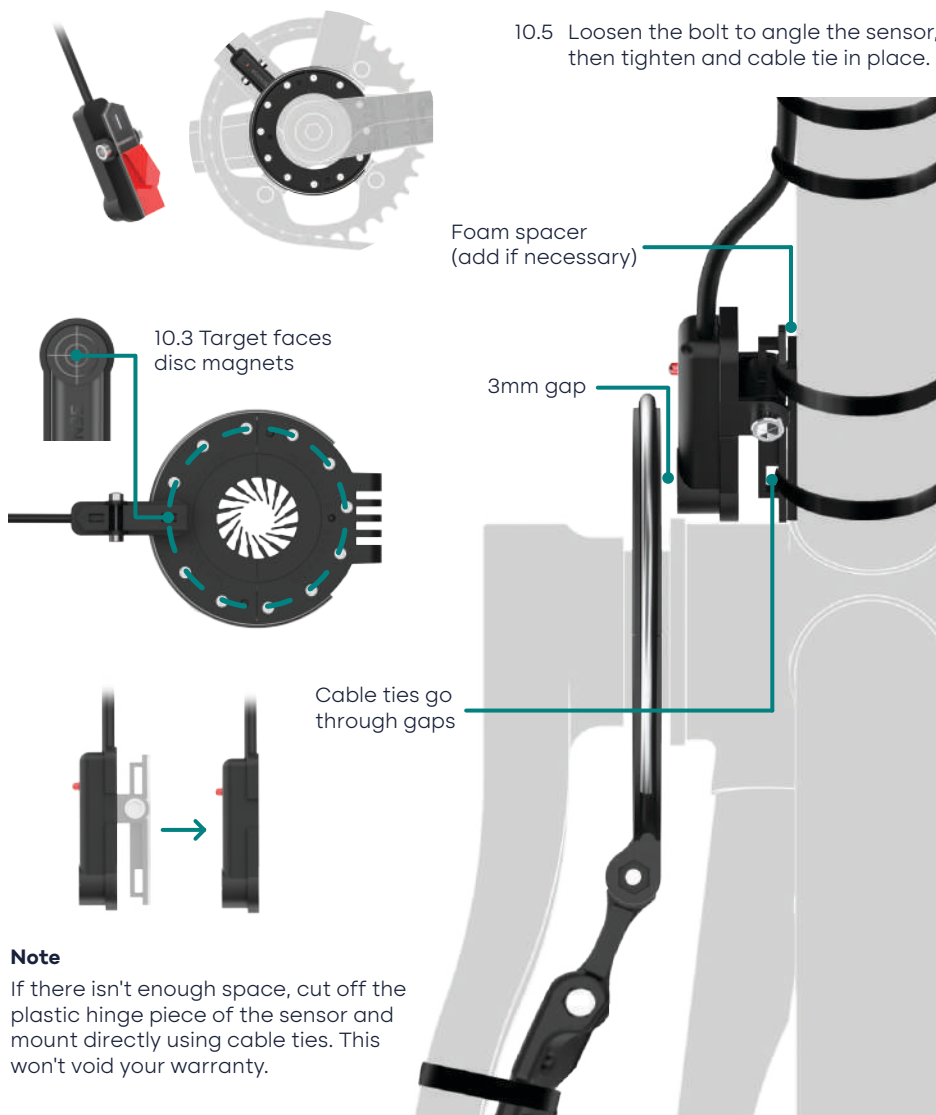
10.1 Peel back the red sticker to show the adhesive layer on the back of the sensor.

10.2 Stick the sensor to the side of your down tube or seat tube.

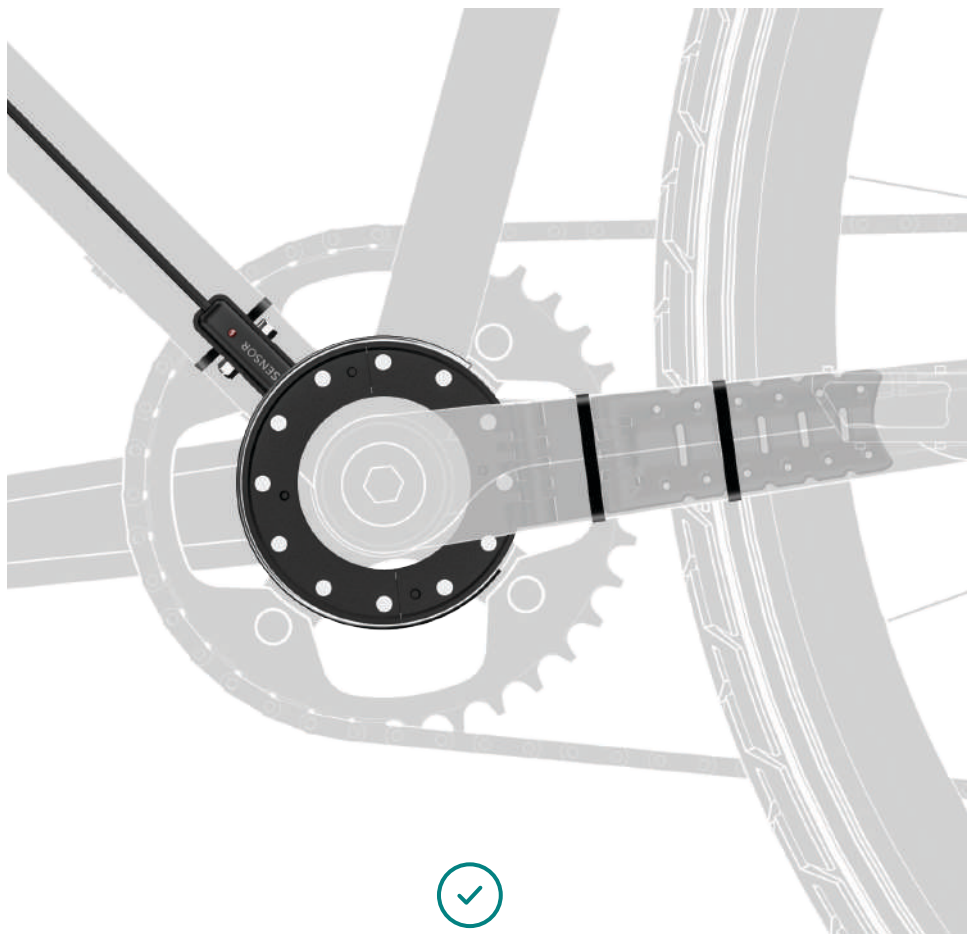
10.3 Ensure the centre of the sensor is aligned with the magnets on the disc.

10.4 Place foam adhesive spacers as required to position the sensor within 3mm of the magnetic disc.

10.5 Loosen the bolt to angle the sensor, then tighten and cable tie in place.



## 11. Finished



## Integrated Sensor



Integrated sensor for standard cranks (e.g. square taper). It requires the pedal arm to be removed and replaced for installation and the bottom brackets to have 20 splines.

### You will need:

Either 8mm Allen Key or 14mm socket

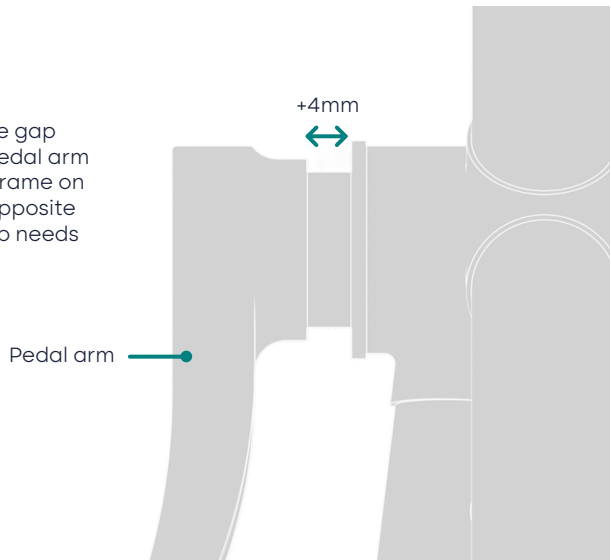


Crank extractor



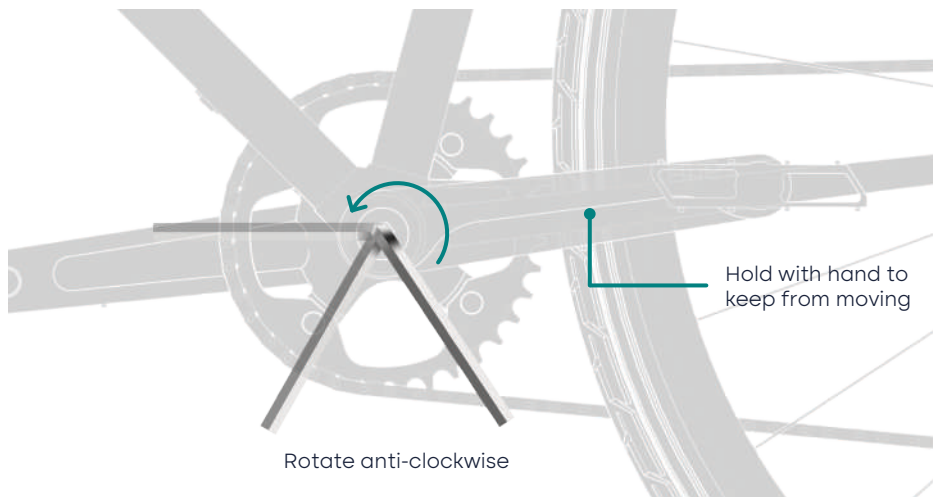
### 1. Check you have space to install it

- 1.1 Use a ruler to measure the gap between the end of the pedal arm and the start of the bike frame on the left side of the bike (opposite side to the chain). The gap needs to be bigger than **4mm**.



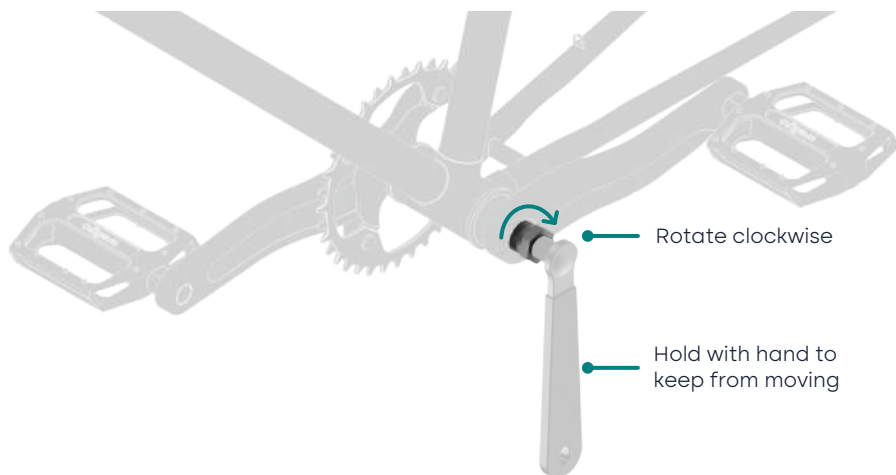
## 2. Unscrew the crank arm's bolt

- 2.1 Use the Allen key or socket to remove the bolt from the crank, working on the side opposite to the chain.



## 3. Tighten the crank extractor bolt

- 3.1 Rotate the crank extractor's bolt clockwise until it is securely tightened. Use your other hand to block the crank from spinning.

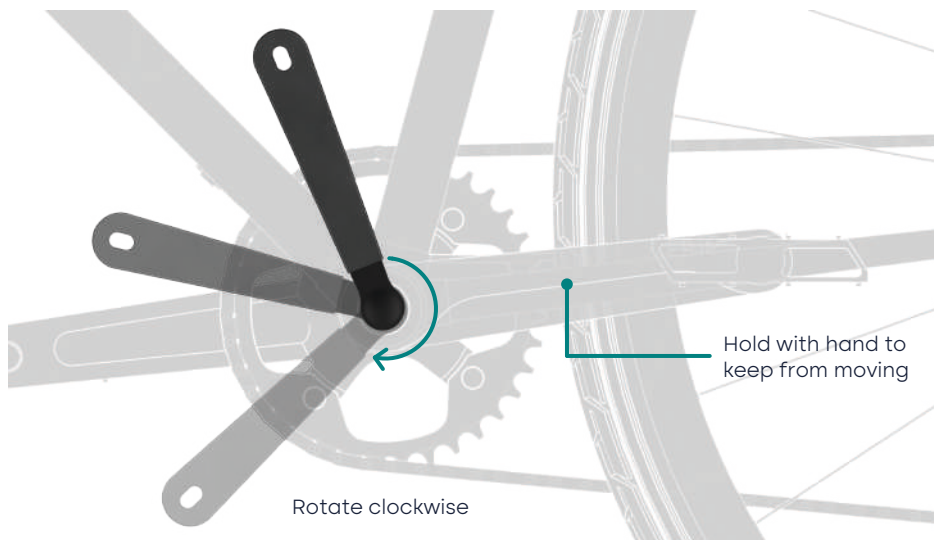


## 4. Rotate the extractor and remove the crank arm

- 4.1 Rotate the handle of the crank extractor clockwise and then remove the arm.

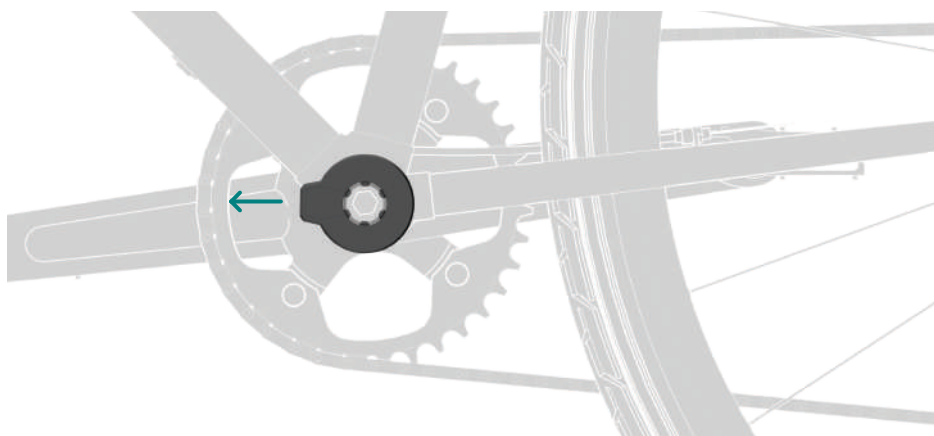
### **Note**

This often takes quite a lot of force to rotate.



## 5. Fit the integrated sensor

- 5.1 Slide the integrated sensor fully onto the shaft onto the bottom bracket, ensuring the cable points left and towards the frame.



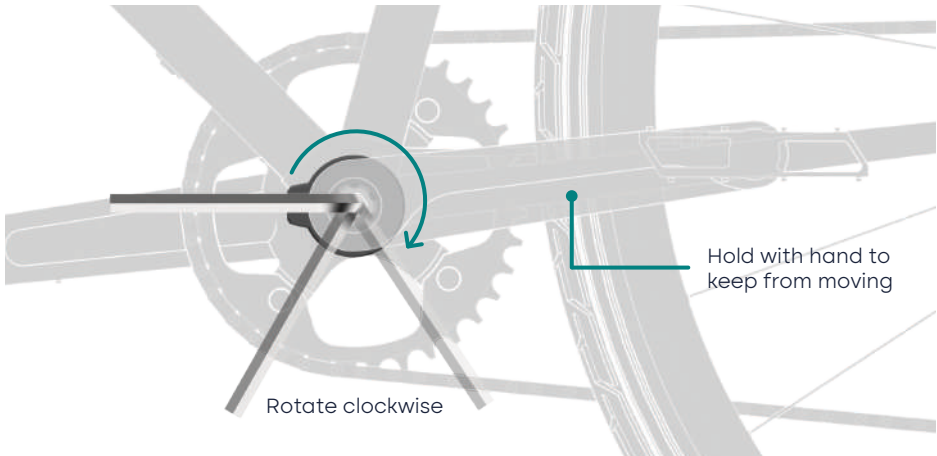
## 6. Reinstall the crank

6.1 Identify the correct position to reinstall your crank and slot it back on.

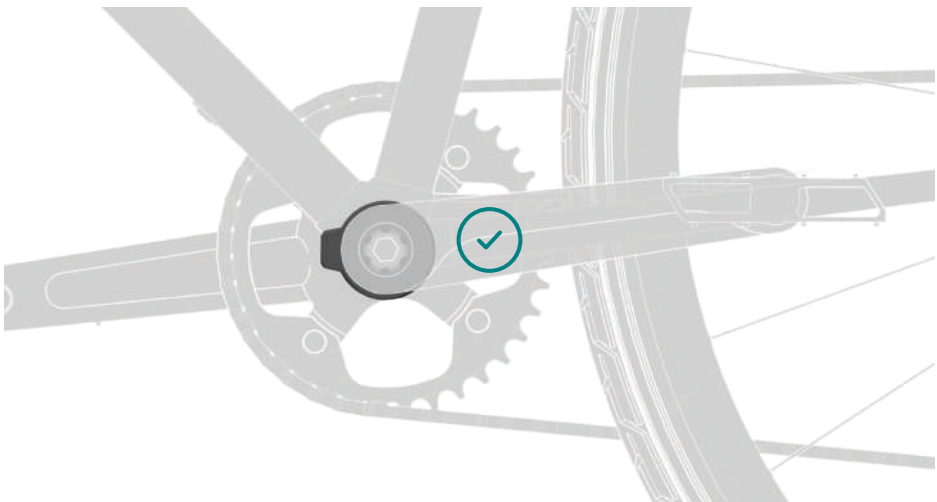
6.2 Reattach the original bolt and tighten using the Allen key to the manufacturer's torque specification.



Once fully tightened, the pedal arm shouldn't touch the sensor.



## 7. Finished



# Mount

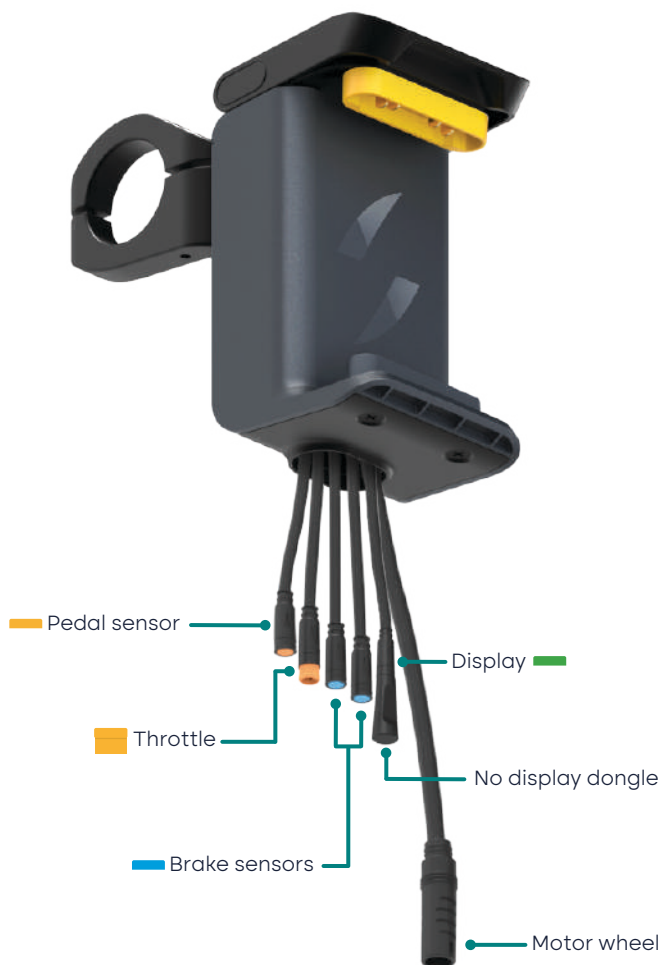


[Click here for Brompton Bike specific instructions.](#)

The mount serves as the brains of the Kit, with six cables extending from it, each designed for a specific function.

## Note

The mount includes a pre-installed no-display dongle for display-free operation. If you've purchased a display simply unplug the dongle and connect the display.



[OLED MANUAL](#)



[LED MANUAL](#)

## Note

For carbon handlebars, check your manufacturer's manual if accessories such as clip-on TT bars are allowed to be mounted.



The handlebar bracket can be mounted in three different positions depending on your bike setup.



1. Standard mounting



2. High mounting



3. Security mounting  
(hidden screw access)

## 1. Find the correct spacers size

- 1.1 Without a spacer, the bracket has a 31.8mm diameter.

If the bracket is loose on the handlebar, find a set of spacers to get a tight fit. There should be a small gap between the two spacers.

Spacer Options:



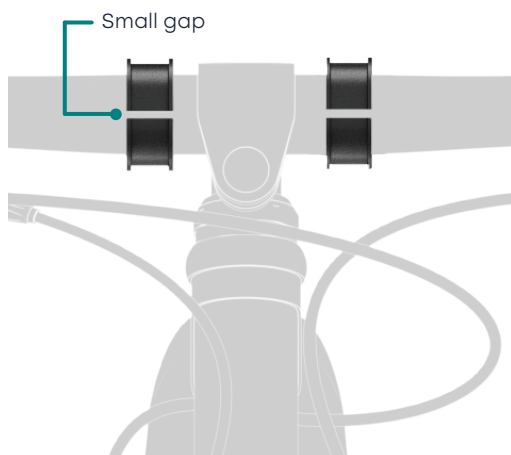
• 22.2mm



•• 25.4mm



••• 26mm



Too tight



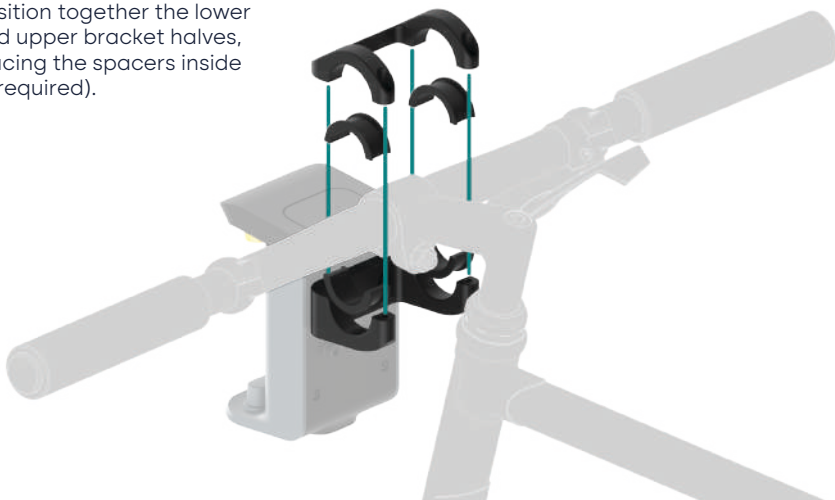
Too loose



Small gap

## 2. Assemble the bracket

- 2.1 Position together the lower and upper bracket halves, placing the spacers inside (if required).

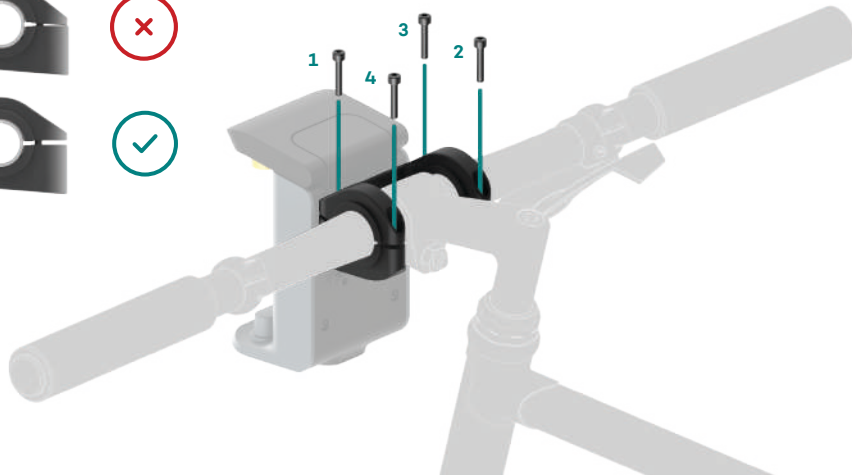


## 3. Screw the assembly together

- 3.1 To secure the mount in place screw the two bracket halves together using a 3mm Allen key. Make sure both halves are evenly tightened.

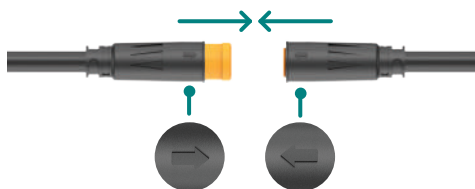
### Note

Tighten the screws with 2-3 Nm of torque. Visit [swytchbike.com/manual/3nm/](https://www.swytchbike.com/manual/3nm/) for support.



## 4. Connect the pedal sensor to the mount

- 4.1 To connect the waterproof connector, find the arrow on each connector and align. Once the arrows are lined up, push together until no colour is visible.



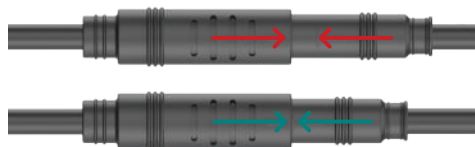
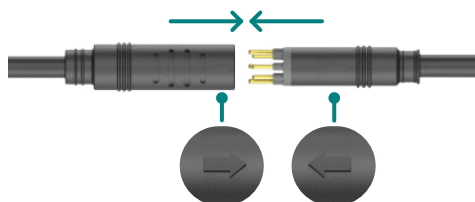
Colour visible



No colour visible

## 5. Connect the motor cable to the mount

- 5.1 To connect the waterproof connector, align the arrows and push together until the arrows touch and align on both ends.



Arrows not aligned



Arrows aligned

## 6. Route the cables

- 6.1 Follow the existing cable routing of your bike where possible.



## 7. Secure the cables

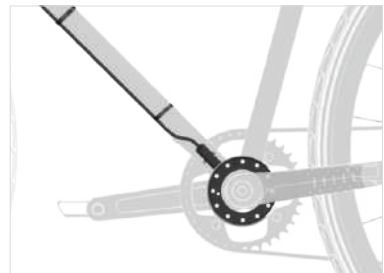
- 7.1 Secure all cabling to the frame of the bike using the cable ties provided, allowing some slack for turning of the handlebars.



Ensure the cable routing doesn't affect any part of the bike's drive train, steering or pedalling.



Securely attach the motor cable to the bike's fork.



Secure the Pedal sensor cable to the underside of the bike's downtube.

### Note

Loop any extra cable back onto itself and fasten it securely to the frame.

## Power Pack

This is the Swytch MAX+ Power Pack. It has Li-ion cells inside that provide the energy for the Kit.

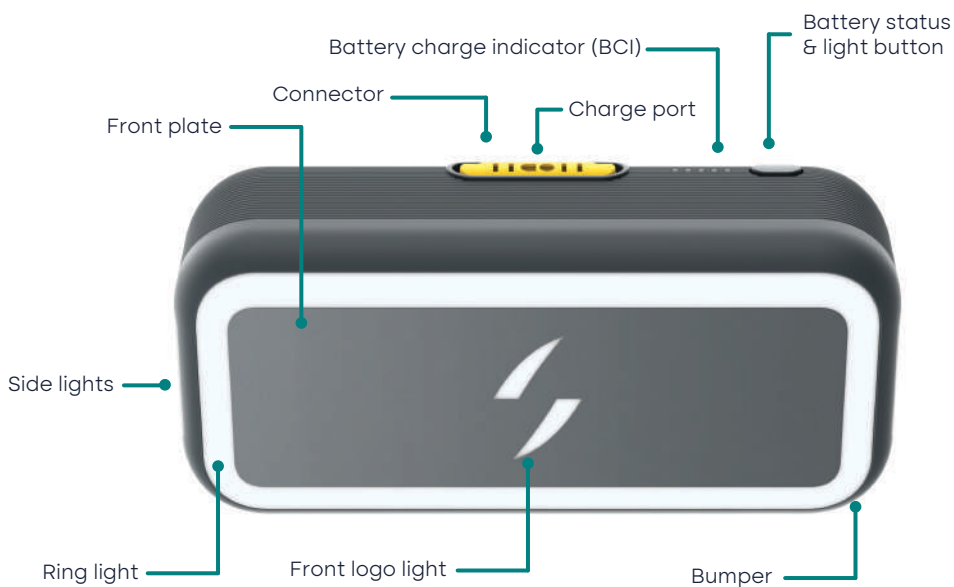
Swytch MAX+ comes in two different capacities:

MAX+ 275.4Wh and MAX++ 361.8Wh

Your Power Pack is delivered in sleep mode and enters sleep mode after prolonged inactivity.



To activate, connect a Swytch Charger and wait for the BCI to turn on.



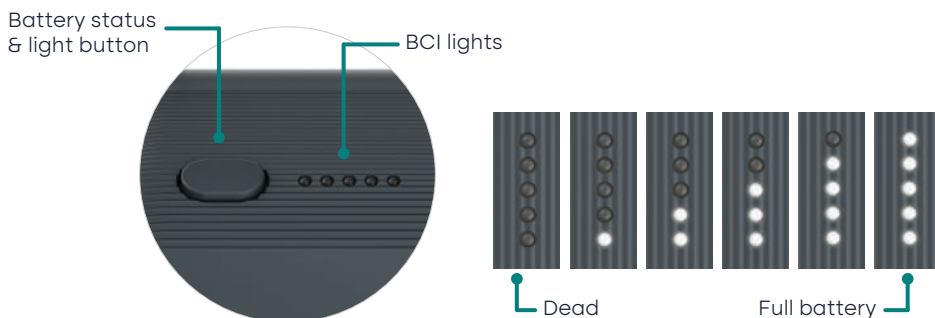
The battery contains dangerous substances, don't disassemble, impact or soak in water. Doing so will void your warranty.



The Power Pack shouldn't be exposed to temperatures below -10°C or above 40°C.

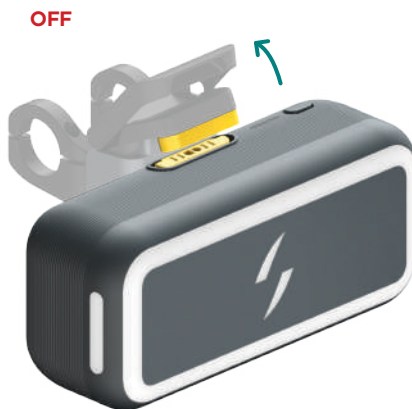
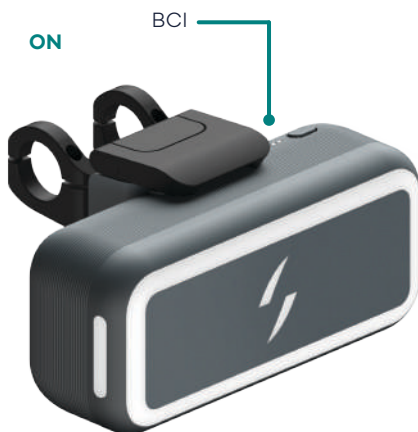
## 1. Checking your charge level

- 1.1 The BCI (Battery Charge Indicator) lights show your Power Pack's charge level, with five lights meaning full. When off and disconnected, a short press checks the level, the lights stay on for 15 seconds. If mounted and charged, the lights will automatically be on to show the accurate battery level.



## 2. Powering your Power Pack On/Off

- 2.1 Inserting the Power Pack into the mount keeps it powered on continuously. Once the connector is engaged (mount closed), the Power Pack activates and the kit turns on.
- 2.2 To turn off the Power Pack, light the mount handle all the way up so the connector is disengaged. The BCI lights will switch off when the Power Pack is turned off.

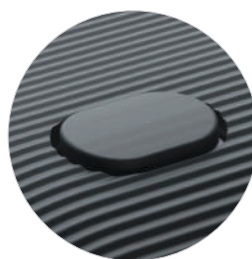


### 3. Using the USB-C charger

When the Power Pack is connected in the mount, simply connect your device to start charging. When the Power Pack is disconnected follow the following instructions.

#### Start charging

- 3.1 Peel open the cover to the port. Insert your USB-C charging cable into the port. Connect your device to the cable.
- 3.2 Short press the Power Pack battery button for 1 to start charging your device.



**Short Press - 1 sec**

Turn charging on

#### Stop charging

- 3.3 Disconnect the cable to stop charging, the battery will turn off on its own after 10 seconds.



Do not use if there is any water inside the port. Allow to dry fully before using again.



Close the cover after use to prevent water from entering the port.

## 4. Using the front light



### Outside the mount

- 4.1 Hold the button for 2 seconds to turn on the front light (mode 1).
- 4.2 Short press to cycle through modes 1, 2 and 3.
- 4.3 Long press for 2 seconds to turn off the light and power.

### In the mount

- 4.4 When first connected, a welcome animation plays and the light fades.
- 4.5 Long press for 2 seconds to turn on the light (starts in mode 3).
- 4.6 Press once to cycle to mode 2, then again for mode 1.
- 4.7 Long press for 2 seconds again to turn off the light or disconnect from the connector by lifting the mount handle up.





## 5. Charging your Power Pack

- 5.1 Plug the charger end into the connector.



- 5.2 The BCI lights flash to show the current battery level being charged.



Don't charge for extended periods of time.



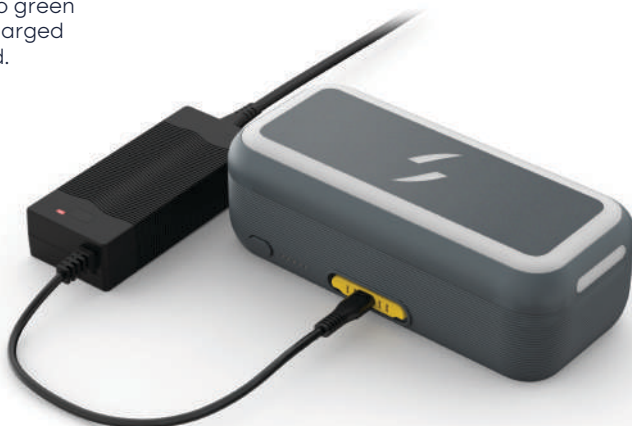
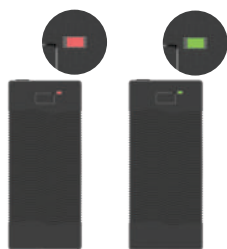
Only use the charger provided to charge the battery.



If leaving your battery in storage for a long time, charge it to full beforehand and turn off the battery at the button. Please charge every 90 days to maintain the battery life.

### Note

When the light on the charging brick changes from red to green the Power Pack is fully charged and should be unplugged.

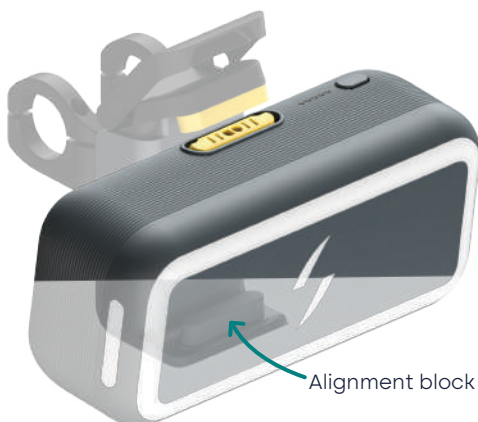


## 6. Connect the Power Pack

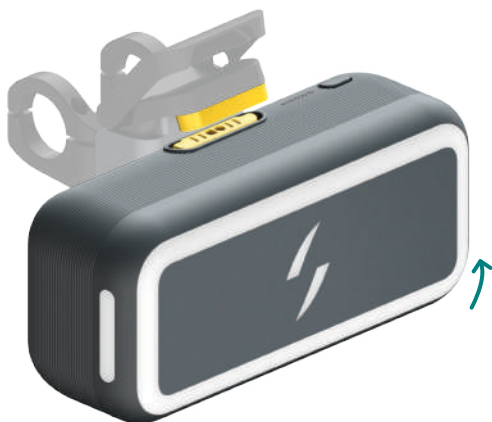
- 6.1 Lift up the mount handle so that it's fully open.



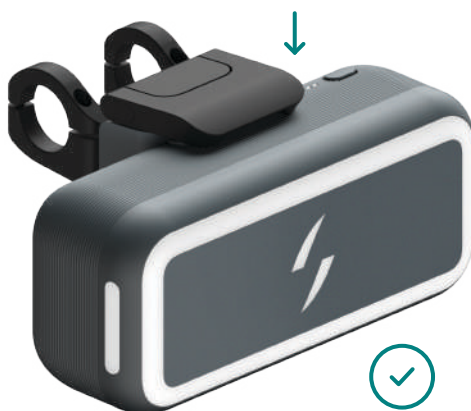
- 6.2 Fit the bottom of the Power Pack into the mount alignment block.



- 6.3 Then tilt the Power Pack to line up the two yellow connectors.



- 6.4 Push down the mount handle until it's fully engaged. The Power Pack light will turn when connected.



### Note

In the rare case that your mount handle becomes significantly looser over time, contact our team for advice on how to adjust it.



Check the connector area is completely dry before connecting to the Power Pack.



Avoid trapping anything in the mount mechanism.

# 3

## Know Your Kit

Starting Your Ride

Charging

Maintenance

## Starting Your Ride

- 1.1 To start your ride first make sure all cables are connected fully and the pedal sensor has been fitted correctly.
- 1.2 Fit the Power Pack in the mount, the LEDs should show, indicating that the power is on.
- 1.3 Start pedaling, the pedal sensor will flash and the power will begin to kick in.

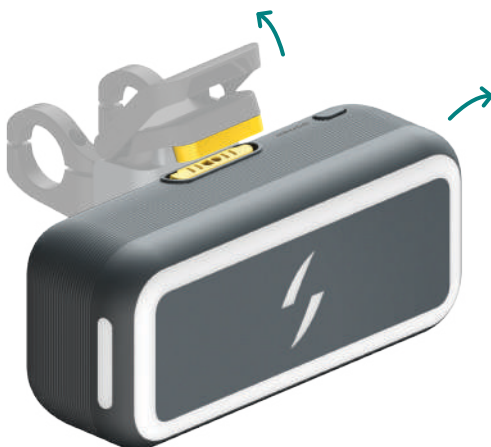
### Note

If you have connected an optional display, these instructions will slightly differ. Please refer to the display manuals for more help.



### Note

To end your ride, simply open the mount the disengage and remove the Power Pack or turn off the Power Pack using a display.



# Maintenance

Interval (whichever is first)	Swytch Kit	Bike
Every ride	Recharge the Power Pack  If installed, test the brake sensors operate normally	Tyre pressure  Check tyres for debris/ thorns  Check brakes
Monthly  20 hours  500 miles	Top up battery charge if storing over winter  Check motor wheel nuts are tight  Make sure the pedal sensor is aligned	Adjust brakes  Lubricate chain  Look for tyre wear
6 months  100 hours  3000 miles	Test motor wheel spoke tension  Check motor and sensor connectors  Check throttle and pedal sensor function normally  Inspect Power Pack for any damage  Check mount for any damage	Deep clean drive parts  Ensure that your rims are true, without any wobble
12 months  200 hours  6000 miles	Check motor wheel turns smoothly and quietly	Replace drive parts if necessary  Regrease bearings if necessary

Swytch Technology Ltd,  
Unit 2A  
455 Wick Lane  
London  
E3 2TB

Scan here for the  
Swytch Help Centre.

