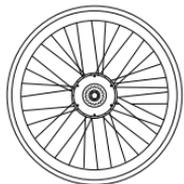




**SMART WHEEL
MANUAL**

IN THE BOX



Smart Wheel



Charger



Charging Cable



Axle Cover



M12 Axle Knot

TOOLS NEEDED



Wrench

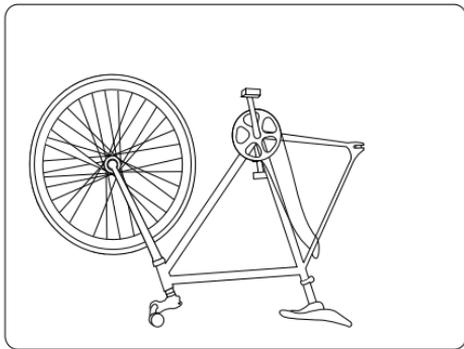
NOTE: We advise you to keep the box, in case you will ever need to send your Smart Wheel back for repair or upgrade.

INSTALLING THE SMART WHEEL

Find a video: [flykly.com > support > smart wheel > first installation](https://flykly.com/support/smart-wheel/first-installation)

Step 1

The installation is the same as with any rear wheel set. Prepare your bike to remove the rear wheel. One option is to put the bike upside down.



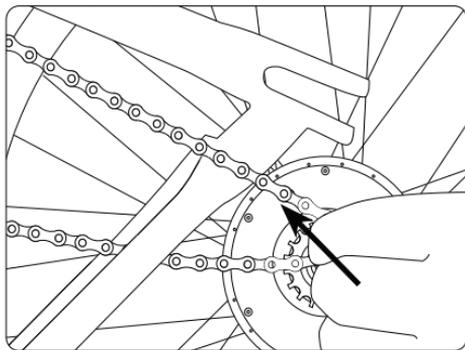
NOTE: With a multi-gear bike, the derailleurs can stay attached on the bike frame after you remove the rear wheel.

NOTE: If your bike has a rear V brake, you need to disengage it before installing the Smart Wheel and engage it again, once you are finished.

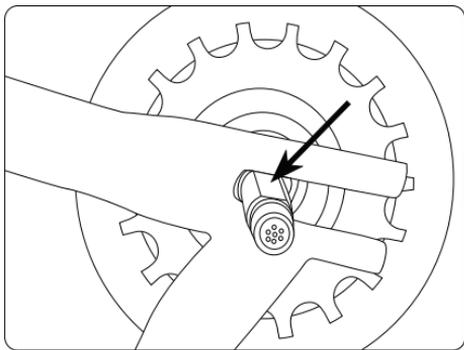
NOTE: You need at least one brake (V (hand) brake or front disc brake) on your bike, FlyKly motor brake is not enough.

Step 2

Take your Smart Wheel out of the box.

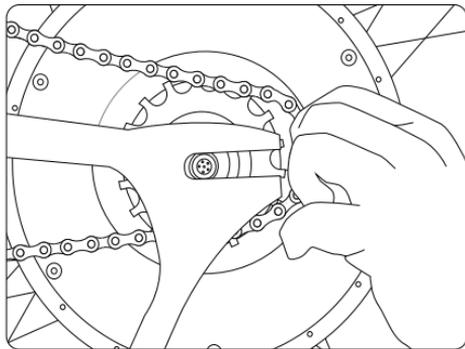


Turn the Smart Wheel so that the sprocket is on the same side as the chain of your bike.

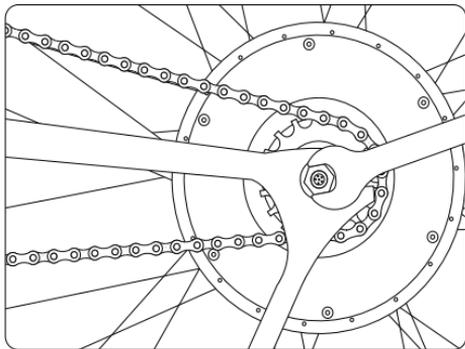


Place the Smart Wheel into the rear fork. The axle is flat on two sides in order to prevent it from rotating in place.

Step 3

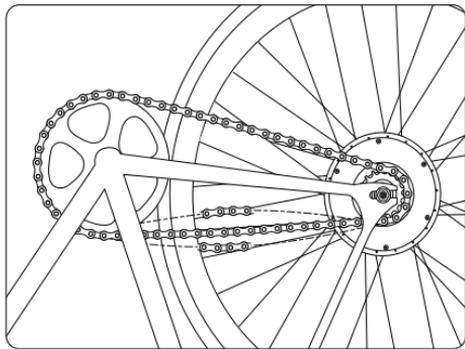


Place the chain on the sprocket.

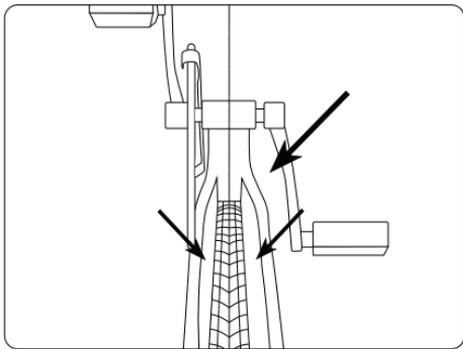


Loosely attach the first M12 axle knot. Loosely attach the second M12 axle knot on the other side.

Step 4



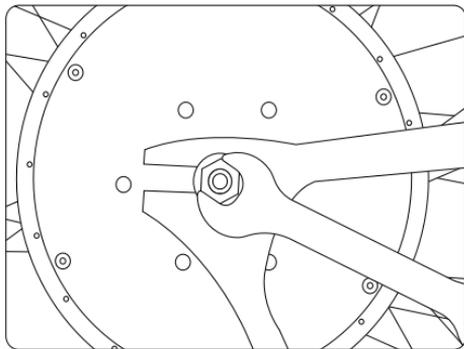
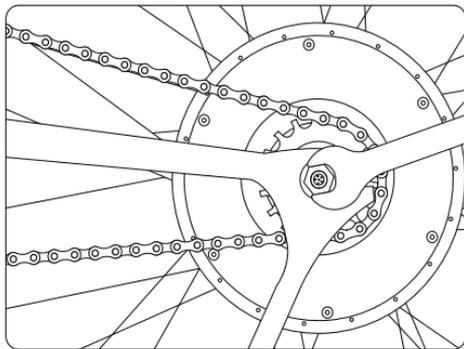
Tension the chain.



Center the wheel to the middle of the bike.

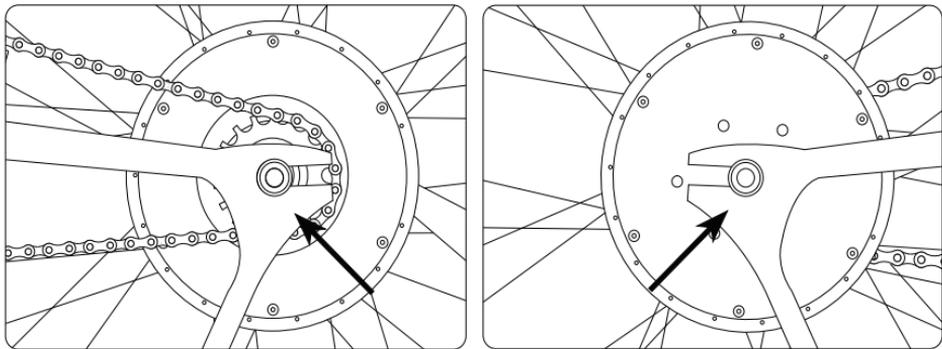
NOTE: If you have a bike with a derailleur, it will tension your chain.

Step 5



Tighten both M12 axle knots strongly.

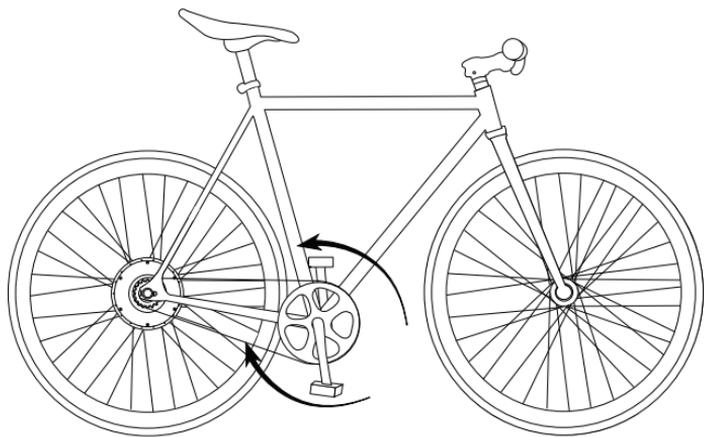
Step 6



Screw on the axle covers onto the axle on both sides.

NOTE: Keep both axle covers on all the time to protect the charging pin. Do not ride without the axle covers.

Step 7



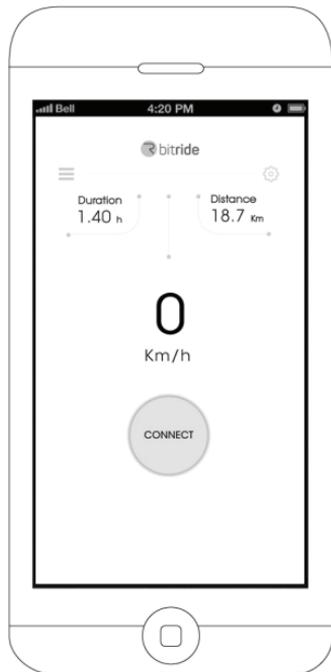
Turn the Smart Wheel on. Move the pedales back and forward, until a blue light turns on in the Smart Wheel.

Step 8

Download the bitride app

You can find bitride for iOS on iTunes App Store and for Android on Google Play Store.

Once you launch the app for the first time, you will need to register with a valid email address.



Step 9

Connect the Smart Wheel to the bitride App.

For iOS users:

Go to Bluetooth settings.

Connect to the Smart Wheel.

Pair the Smart Wheel to your iPhone.

Open BitRide App.

On the app menu, click on Ride.

Click on Connect.

For Android users:

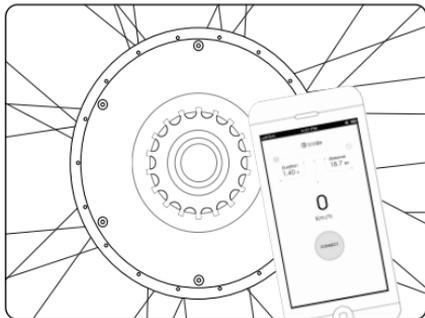
Turn on Bluetooth.

Open BitRide App.

On the app menu, click on Ride.

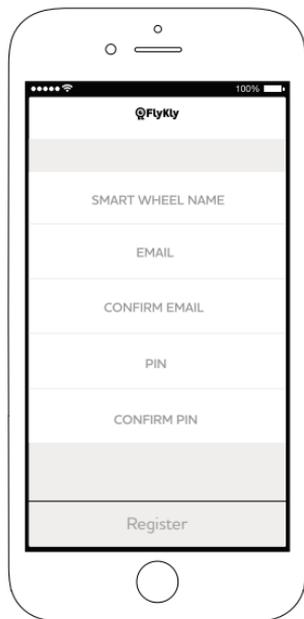
Click Connect.

Select the Smart Wheel that was scanned and pair the device.



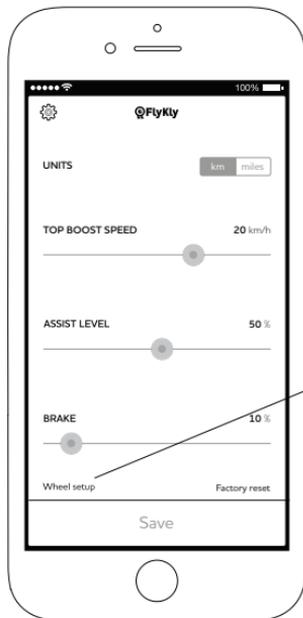
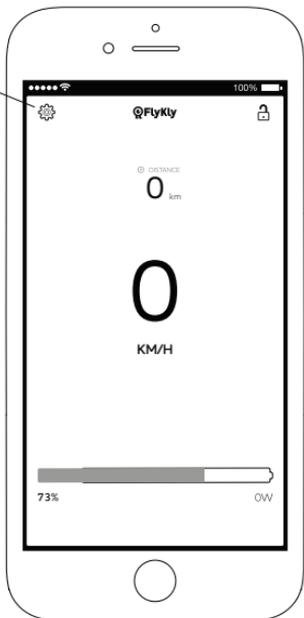
Step 10

1 Register



2 Go to Settings and Wheel Setup

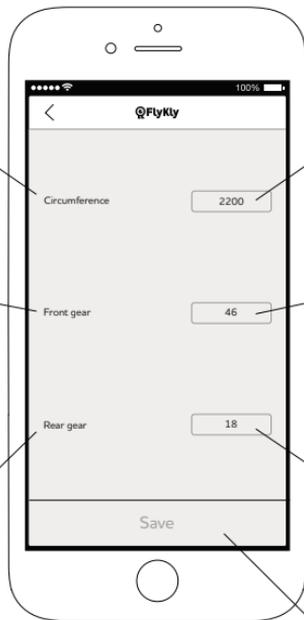
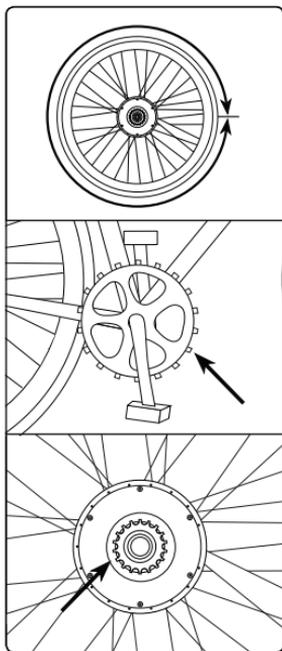
Settings



Wheel Setup

NOTE: This is a very important step in order to use Smart Wheel properly.

3 Wheel Setup



Circumference:

FlyKly 28" = 2200 mm

26" = 2050 mm

20" = 1580 mm

If you change the tire of the Smart Wheel measure the circumference in millimetres of your Smart Wheel with the tire.

Front Gear Teeth:

Count the teeth on your front sprocket (use the average if there are several sprockets).

Rear Gear Teeth:

FlyKly Smart Wheel comes with a standard 18 teeth sprocket.

Click Save.

Step 11

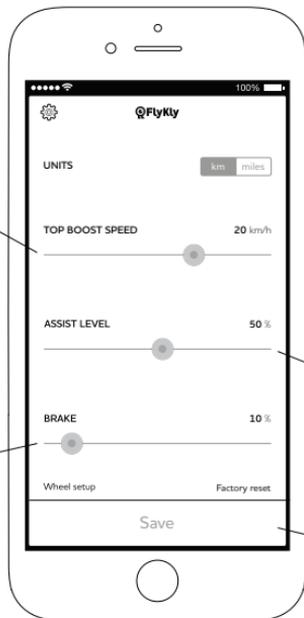
Customize Smart Wheel settings.

Top Boost Speed:

The Smart Wheel will only assist you to the desired speed you set yourself.

Brake:

Intensity of the motor brake.



Assist Level:

The percentage of assistance you wish to receive from the motor.
100 % assist = 250 W
0 % assist = 0 W

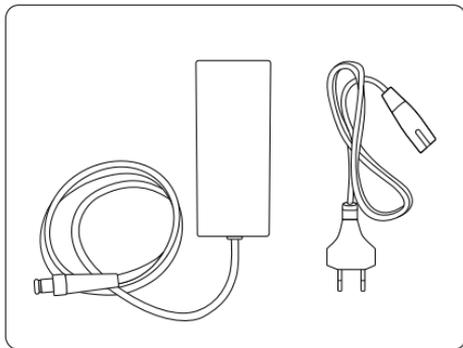
Click Save.

INSTRUCTIONS FOR USE

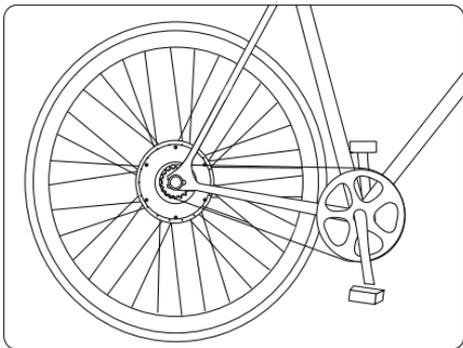
Charging

Find a video: flykly.com > support > smart wheel > charging

Step 1



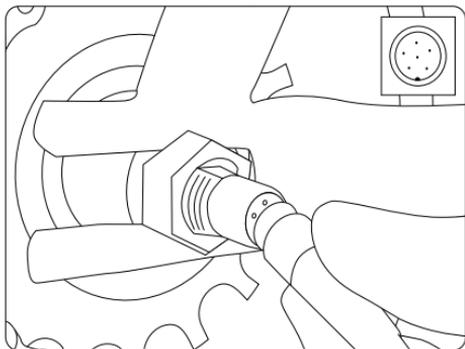
Get the charger and the cable.



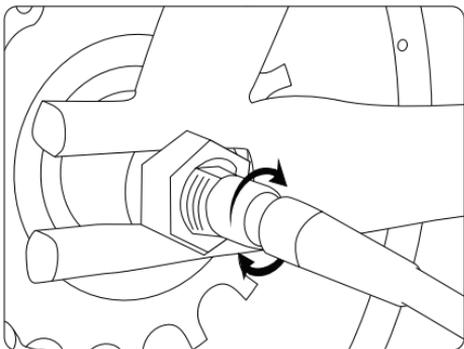
Unscrew the Axle Cover.

Step 2

Connect the charger with the Smart Wheel.

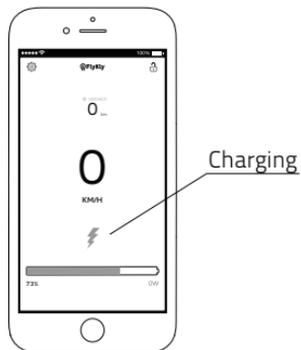
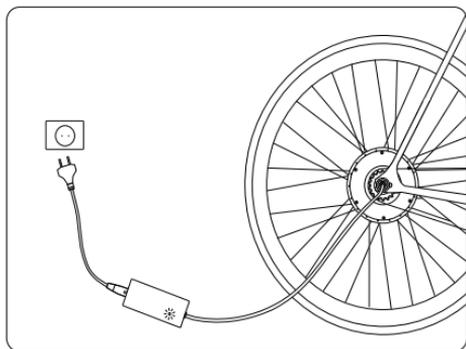


Carefully spin the charger in the socket and find the correct position in which the charger should gently fall into its place.



Gently turn the silver ring and screw the charger into the socket on the Smart Wheel.

Step 3

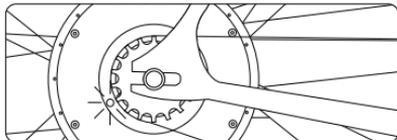


NOTE: The red light represents it is charging and the green light represents it is fully charged.

NOTE: The charger is international (100 - 240V). The cable can be replaced to work with any electrical wall socket.

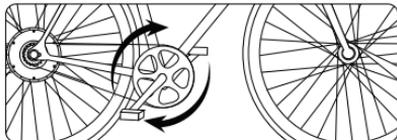
Riding

Find a video: flykly.com > support > smart wheel > riding



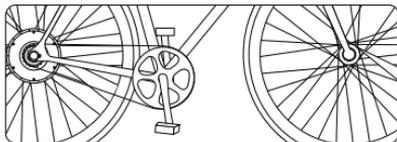
ON / OFF

The Smart Wheel turns on automatically when you start pedaling. After 2 min of no activity, Smart Wheel automatically turns off.



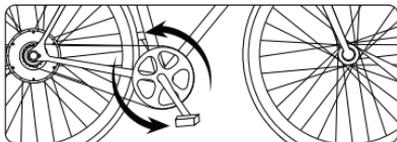
ASSIST

The Smart Wheel is pedal assist. It assists you when you are pedaling forward once is ACTIVATED.



NEUTRAL

When you are not pedaling, the Smart Wheel is in neutral.



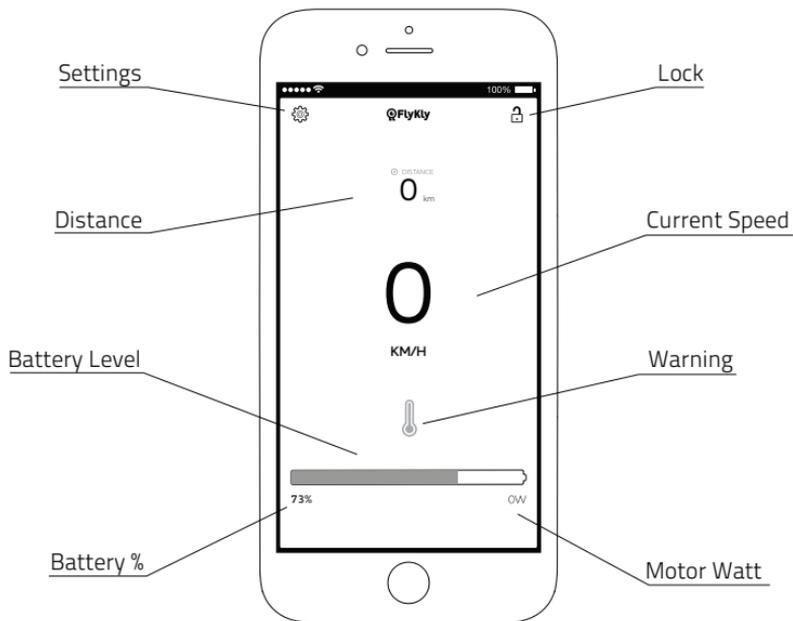
BRAKE

When you pedal backwards, the motor brake engages and the Smart Wheel begins to slow you down and recharge the battery.

ACTIVATION (FW 7.0 up): to activate the Smart Wheel you need to turn it ON pedal up to 6 km/h (4 mph) and BRAKE pedaling backwards for 3 revolutions!

App

Ride

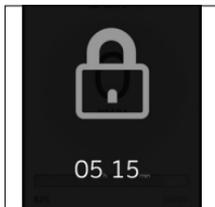


Lock

Find a video: flykly.com > support > smart wheel > locking



To lock the Smart Wheel press and hold the lock icon in the top right corner, until the ring around the lock is completed.



While the Smart Wheel is locked, a large lock appears on the screen with the estimated time the Smart Wheel can stay locked.



To unlock the Smart Wheel, hold the lock icon until the ring around the lock is completed.

NOTE: You will know that the wheel is locked by trying to turn the wheel and feeling resistance, when turning the wheel.

Settings

Units:

You can set the desired units (km, miles)

Customize

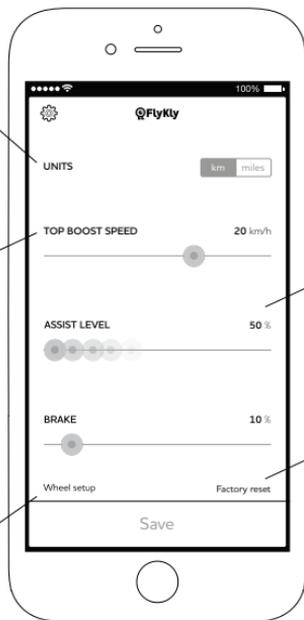
Top boost speed - the Smart Wheel will only assist you to the desired speed you set yourself.

Level of assistance - the percentage of assist you wish to receive from the motor.

Brake - the intensity of the motor brake

Wheel Setup:

Set the specs of your wheel.



Turn off assist:

To turn the assist off, you simply set the top assisted speed and level of assistance to 0.

Factory Reset:

The factory reset will completely reset all the information you have set up on the Smart Wheel and return the Smart Wheel into its initial state.

Troubleshooting

In case your Smart Wheel does not work the way you think it should, please go through this Q&A. If this did not help, please contact us at info@flykly.com.

A You can not connect to the Smart Wheel using your smartphone:

1. Make sure you downloaded the correct app. The bitride app (and not FlyKly app).
2. Make sure that your Smart Wheel is turned on (you can see the blue light).
3. Make sure that Bluetooth on your phone is on.
4. When you try to connect with the phone, come closer to the blue light in the Smart Wheel.
5. Be persistent.
6. If it still does not connect, visit our FAQ page - section on Smart App.

B Your wheel does not give you any assist:

1. When you were installing the Smart Wheel did you completed all the steps in this manual?
2. Did you set up the wheel? (inserted circumference, front and rear teeth information?) and saved settings?
3. Is your % of assist level in the settings above 0%? (check in the app settings)
4. Is your battery full?
5. Does the wheel turn on when you charge it? (you see the blue light burning)
6. Does the wheel charge, when you plug the charger in? (red light on charger)
7. Is everything ok with your charger - are pins and cable ok?

If you answered all this questions with YES and your Smart Wheel still does not give you any assist, please contact us at info@flykly.com.

C Your sprocket does not fit the chain:

1. Your chain could be worn out, you might need a new one.
2. Your chain is not standard and that is why it does not fit to our standard sprocket.
3. Email us with the picture of your sprocket and chain, so we can tell, what is the issue and advise you about the sprocket or chain you need.

Warning signs description

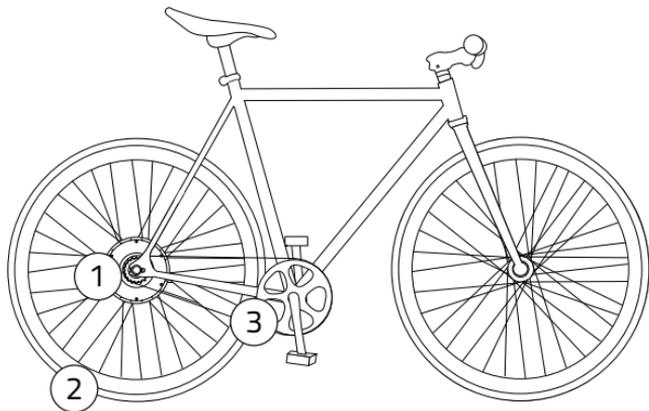
Icon	Description	Reason	Solution
	Electronics Fault	BMS, Driver Power, Static or Dynamic. Current do not work properly.	Smart Wheel needs to be inspected. Please contact FlyKly.
	Motor Brake Disabled	Motor brake is disabled because current regulator can't work at the speeds greater than 25 km/h (16mph).	Slow down till 25km/h (16mph).
	Pedal Sensor (Hall) Fault	Pedal sensor (Hall) does not work properly.	Smart Wheel needs to be inspected. Please contact FlyKly.
	Overheated	Smart Wheel is overheated.	Please wait till the Smart Wheel cools down.
	BMS Connectivity Fault	BMS (Battery Management System) and Driver can not connect properly.	Smart Wheel needs to be inspected. Please contact FlyKly.
	Battery Cell Voltage Fault	Battery cells do not work properly.	Smart Wheel needs to be inspected. Please contact FlyKly.

MAINTENANCE

Find a video: flykly.com > support > smart wheel > maintenance

Once a month check 3 things:

1. The tension of the spokes and whether the Smart Wheel is centered correctly.
2. The air pressure in the tires.
3. The tension of the chain.



NOTE: We advise you to keep the box, in case you will ever need to send your Smart Wheel back for repair or upgrade.

WARRANTY

FlyKly Smart Wheel comes with one year warranty including the battery, motor, electronics and electric charger.

For additional information go to
www.flykly.com/legal

SUPPORT

For support please go to
www.flykly.com/support

Or contact us at
info@flykly.com

THANK YOU

Congratulations on purchasing your new FlyKly Smart Wheel. We hope you enjoy it safely and in style. We would like to welcome you to the growing FlyKly community and wish you many years of happy riding.

Please remember, your enjoyment of your FlyKly Smart Wheel is of the utmost importance to us. If you have any questions, comments or concerns do not hesitate to contact us via email info@flykly.com.

Stay Fly



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