FOVNO 全电动吸盘车顶架 N-Power 说明书
Electric Sucker Bike Rack N-Power Instructions

FOVNO

Terms and Conditions

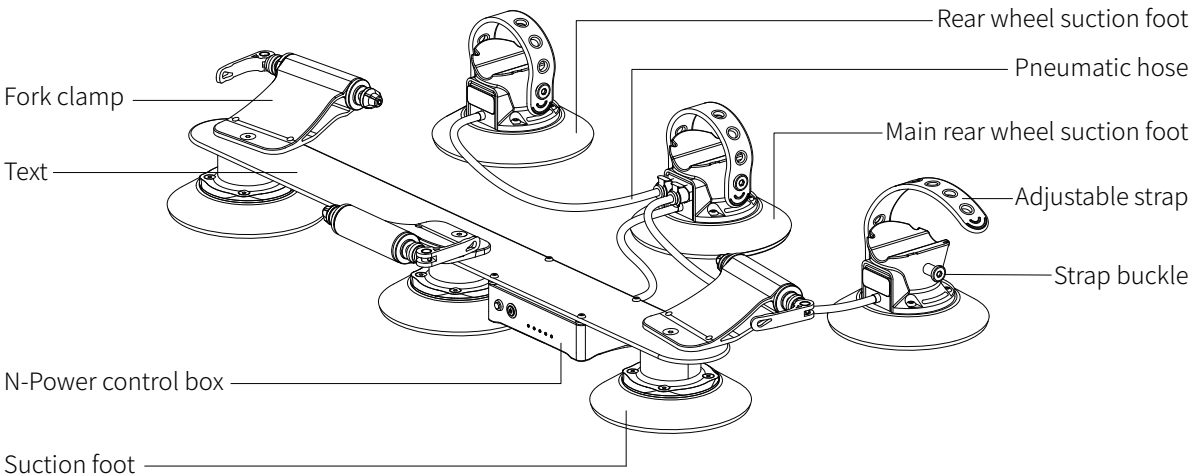
Please read these instructions carefully before using this product. The instructions contain important information which will help you get the best out of the product and ensure safe and proper installation, use and maintenance.

- Do not squeeze or impact the product forcibly.
- Do not disassemble or modify this product.
- Children should be supervised to ensure that they do not use this product as a toy to avoid unnecessary accidents.
- This product needs to be used with the attached alarm, which serves as a reminder during the use of the roof rack. If, when in use, the alarm continues to sound please stop your vehicle and check our troubleshooting guide. If you are unable to solve the issue, please refrain from using the product until you have contacted customer service.
- In normal use of this product, the suction foot will slowly leak air. When the air pressure inside the leaking suction foot reaches the set minimum pressure value, the N-Power control box will pump the air automatically, and the alarm will sound. The alarm will stop after a few seconds. The time it takes the N-Power control box to create a vacuum depends on the hose length and other system settings. Normal operating time is between 2 - 15 minutes and during this time it is normal for the alarm to sound.
- It is normal for the suction foot to leak slowly during use. If the control box starts frequently within 2 minutes(while the alarm keeps buzzing), It is considered to be air leaking too fast. Frequent start of the control box will cause the internal motor to overheat and not function properly. If similar situations occur, please check whether the suction foot is damaged, whether the suction part is flat and smooth or whether the hose and quick connector are damaged immediately. If the above problems are removed, but the frequent start-up phenomenon still occurs, it could mean something is a problem with the product. Please contact customer service immediately. Some products have a particularly good sealing performance and when the adsorption surface is particularly smooth, it may cause the control box to work automatically at an interval of more than 20 minutes. If the buzzing alarm doesn't go off for a long time, please open the suction foot, in which way, you will find out if the control box is working normally. If the control box is working normally, there is no need to worry.
- Before use, please check the battery charge level in the N-Power control box and charge if needed. Do not use with a low battery.
- Before use, please check whether the roof rack control box is working normally with sufficient power. Press the main body of roof frame on a smooth surface, turn on the power switch, and press the main body of roof frame vertically with your hand. After all the suction foots seal to the surface, open any of the suction foots, the control box should start to work and this suction foot should re-adsorb the surface immediately, this is what we consider normal operation (Meanwhile, connect to the power of the alarm. the alarm should start to buzz with the control box starts to work, and stop when the suction foot adsorbed completely).
- Before use, make sure that the filter sponge at the suction port on the bottom of the suction foot is in good condition. The filter sponge has a great protective effect on the adsorption of the suction foot. It prevents dust or other items from entering the suction pipe and guarantees the airtightness of the air valve in the suction foot.

- Before use, please clean the roof area and the bottom surface of the suction foot to be installed with water and dry with a microfibre cloth. The suction foot can be installed after ensuring that the area is free of dust and water.
- When using, please install the roof rack on a flat and smooth part on the roof. The surface where the suction foots are placed must not have cracks. Do not install the roof rack in places where there vinyl stickers or where there are joins between panels, glass or plastic.
- While driving, check whether the control box is working normally every 4 hours using the method above, and check whether all the suction foots are functioning.
- When using this product, please pay attention to the following items: the highway speed should not exceed 120km/h, and the ordinary road should not exceed the speed limit sign. Be aware of road conditions and drive slowly on uneven or bumpy conditions.
- There is a lithium battery in the control box of this product. The temperature will affect its efficiency. It is recommended to use in an environment at a temperature between -20°C and +40°C.
- During use, if the control box cannot work normally due to force majeure, please do not panic. Each suction foot of this product is equipped with an air check valve. Even if the control box is not working normally, the suction foot can still be firmly adsorbed for at least 1 hour. Please get off the car in a safe place to check and troubleshoot the problem. If the control box still does not work normally, please stop using it immediately and contact our company's customer service for repair as soon as possible.
- When the roof rack is not in use, please dust seal plug the air pipe quick interface on the control box and the main suction foot with a rubber plug to prevent foreign objects from entering and affecting the normal operation of the roof rack.

Introduction

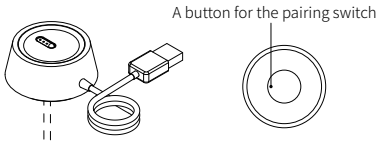
Learn about your new FOVNO Electric Sucker Bike Rack N-Power



Introduction

Alarm System Instructions

1. Your bike rack is fitted with a safety alarm which will alert you if the back loses its connection with the vehicle. The alarm will sound if a suction foot leaks. In the even of this happening the N-Power system will automatically attempt to create a vacuum seal using the built in pump.
2. The alarm module is fitted with a standard USB which can be connected to your vehicle either via the vehicles own USB, a USB adaptor or USB port on a sound system. The alarm will connect to the N-Power box wirelessly and will alert you in the even of a pressure error. Double sided toe on the underside of the alarm can be used to hold it in place.
3. PLEASE NOTE: If you are using more than one FOVNO electric rack system on your vehicle the alarm system may not operate correctly due to a shared signal. While the alarm may not operate the N-Power box will still function as normal.



Pairing

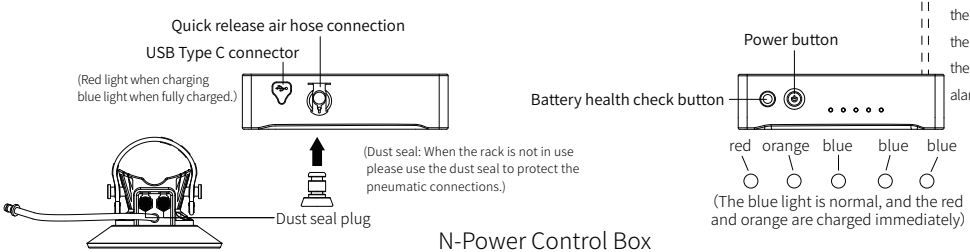
Pairing method of alarm and control box

1. Clear data: There is a small hole on the back of the alarm that is a button for the pairing switch. After the alarm is connected to the power supply, press the switch button in the small hole for about 10 seconds When the indicator light of the alarm is off, it meansthat the original data is cleared.

2. Use the same method to press the switch button in the small hole of the alarm for about 3-5 seconds. After the alarm indicator lights up, start the control box, and then stop pressing the pairing switch. At this time, the alarm buzzes, the pairing is complete.

N-Power control box functions

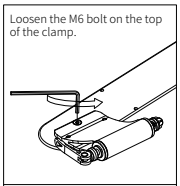
- Charging: Charging the N-Power box is easy and thanks to the USB-C connector you can charge from a phone charger power band or a USB charger. Simply remove the waterproof / dust cover and charge with the included USB C wire.
- The N-Power control box features USB lights that tell you the level of charge in the battery. An orange light indicates the system needs charging, blue means full and a red light indicate the system is being charged. To check the battery level press the button on the N-Power control box.

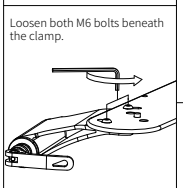


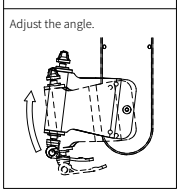
N-Power Control Box

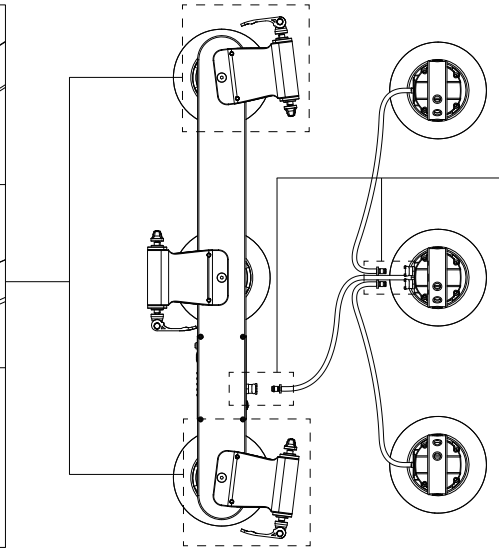
Introduction

Installation of your FOVNO Electric Sucker Bike Rack N-Power



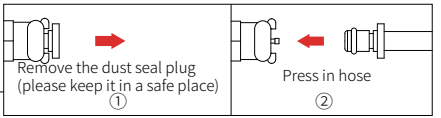




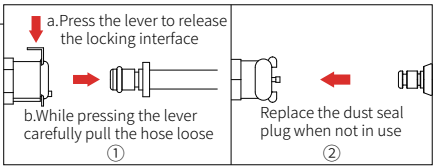


The system allows for the angle of the fork clamp to be adjusted,
The system is suitable for all lengths of handlebar,
Please prevent handlebars for making contact when in use,
Test fit the system before tightening bolts to ensure the set-up is accurate,
Ensure all boils are fully tightened and secure before use.

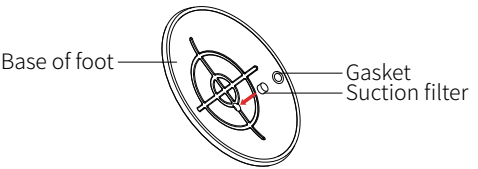
Hose Connection



Hose Disconnection

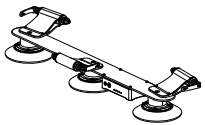
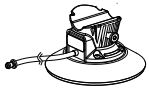


⚠ Warning: Ensure the suction foot filter is clean and in good condition.



Introduction

What's in the box

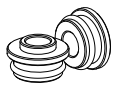
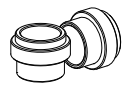
Name	Main rack frame	Rear main suction foot	Secondary rear suction foot	Accessories	Spares
FOVNO Electric Sucker Bike Rack N-Power		 ×1	 ×2	 wheel straps×3  crank straps×3  alarm×1  microfibre cleaning cloth×1  USB Type C cable×1  Allen key×1	 CPC Dust seal plug×2  seals×4  suction foot filters×4  Gaskets×4

Specification

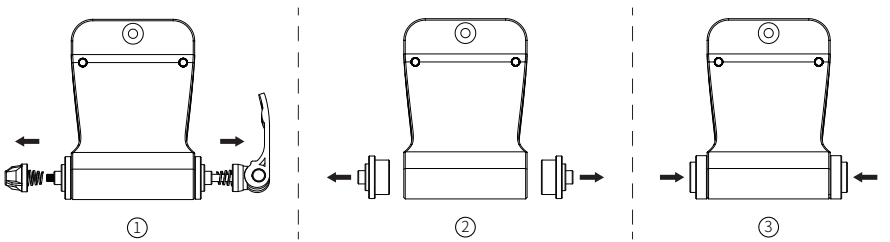
Model Number	ES-03B3	Battery capacity	3400mAh
Size	805×112mm	Input	DC 5V
System weight	4.3kg	Power	13W
Carry capacity	3 vehicles (maximum mass 20kg/vehicle)	Maximum negative pressure	-65KP
Protection grade	IP65	Wireless transmission frequency	433.92MHZ
Executive standard: QC/T948-2013			
Our products have acquired the CE-RED,FCC-RED,ROHS,UKCA,UN38.3,MSDS,EN62133 Certification.			

Introduction

The FOVNO bike rack comes fitted adaptors to suite quick release type hubs, but the system includes additional adaptors for other fork and axle standardsr (to be purchased separately).

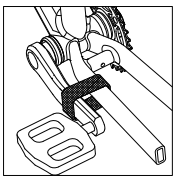
Alternative axle adaptors					
Size	9*100mm	12*100mm	15*100mm	15*110mm	20*110mm
Model					

How to change axle adaptors

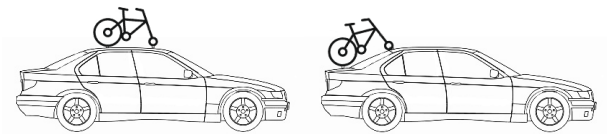


Instructions

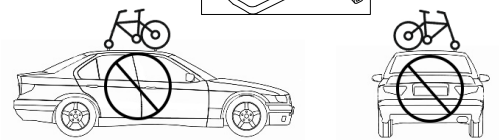
1. Connect the alarm to a suitable USB power supply (vehicle USB, powerbank etc). If working normally a red LED light will be shown.
2. Place the bike rack on your vehicle in the desired location. Turn on the N-Power control box. At this time the alarm should ring and the automatic vacuum pump should be operating. Press the rack down on the surface of your vehicle while the pump runs. The system will create a vacuum to fasten the rack in place and will automatically stop once the pressure is correct. With the pressure correct and the rack firmly in position the alarm will automatically shut off.
3. With the front portion of the rack installed you can now fit your bike. Remove the front wheel of your bike and carefully lift it into position. Use the appropriate axle adaptors to clamp your fork in place. Warning! Please ensure all boils are fully tightened to prevent accident, damage and unwanted vibration.
4. With your bike in place you will now be able to choose the perfect location for the rear suction foot and wheel locator. Press the suction foot in place by hand then connect the pneumatic air hose to the N-Power control box. The alarm will once again sound, but will stop once the correct pressure is achieved. If you plan to carry additional bikes, follow this stem again but connect additional hoses to the main suction foot.
5. With the rear suction foot in place sit the rear wheel into position and use the buckle to secure in place.
6. We recommend that you use a strap to keep your crank arm in place while driving. This will prevent the crank moving and causing damage in transit.
7. Once your bike/s are in position give the entire system a final check. Ensure that all suction foots are secure and that there are no leaks, Also ensure that the fork axle is secure, the bike isn't moving. Also strap your wheels and crank to prevent movement.
8. To remove the rack first remove your bike. Switch the N-Power control box off then lift the edges of the suction foot to break the air seal to your vehicle. The rack will then easily lift away from your vehicle.
9. When not in use store the rack in a clean box and ensure that the suction foots are not damaged or deformed.



Installation



Correct



Wrong

Trouble Shooting

Problem	Possible Issue	Solution
Alarm is not functioning	The USB is not connected to the power interface.	Please check USB connection and power source.
	Alarm is damaged.	Contact customer service.
Control box is not functioning	Low power in battery.	Fully charge and retry.
	Battery is damaged.	Contact customer service.
Control box lights is not functioning when charging	Loose connectoin.	Check wires are connected properly.
	System is in sleep mode.	Use as normal.
	Not the above and still not working.	Contact customer service.
Suction foot is not functioning	Damaged suction foot.	Contact customer service.
	Poor seal due to uneven/cracked surface.	Move system.
	Lost fliter.	Replace filter.
	Damage to hose.	Replace Hose.

Warranty

The after sales service of this FOVNO Electric Inverted Sucker Bike Rack is strictly based on the“Consumer Rights Protection of the People's Republic of China”and Product Quality Law of the People's Republic of China" to implement after-sales three-guarantee service, the service content is as follows:

Warranty period

1. If the product fails to perform within 7 days of purchase, it should be tested by the manufacturers after sales service centre to determine if there is a fault.
2. Within 8-15 days from the next day after you sign for the product, if the product has performance failures listed in the“FOVNO Electric Sucker Bike Rack N-Power Product Performance Failure List”, it can be determined by the manufacturer's after-sales service centre. Enjoy free replacement or repair services.
3. Within 12 months from the day after you sign for the product, if the product has performance failures listed in the“FOVNO Electric Sucker Bike Rack N-Power Product Performance Failure List”, it has been tested and determined by the manufacturer's after-sales service centre, and you can enjoy it for free Maintenance service.

Issues not covered by this warranty

1. Unauthorised maintenance, misuse, collision, negligence, liquid ingress, accident, altercation, incorrect use of this product and its accessories, remove or altering labels or anti-counterfeiting marks.
2. The validity period of the warranty has expired.
3. Damage caused by force majeure.
4. Issues not met in the performance failures listing.
5. Due to human reasons, the product and its accessories have the performance failure listed in the“FOVNO Electric Sucker Bike Rack N-Power Performance Failure List”.

FOVNO Electric Sucker Bike Rack N-Power Product Performance Failure List

Name	Performance failure
FOVNO Electric Sucker Bike Rack N-Power	1、Control box not functioning. 2、Control box is not charging. 3、Alarm is not functioning. 4、Suction foots are not creating a vacuum with no visible damage.

Maintenance

The pneumatic air hoses and interlocking interfaces should be coated with a silicone based oil to ensure sealing performance.If a suitable lubricant cannot be found, an edible oil can be used as a substitute.

When the bike rack is not in use please disconnect pneumatic air hoses and replace the dust seal plug to prevent dirt or debris from entering the system.

After use please ensure the battery in the control box is fully charged. If you do not use this product for a long time, the battery in the control box will lose power, please check the power every three months and charge it in time.

Warranty Card

User name	
Address	
Telephone number	
Product name and model	
Purchase date	

Maintenance Record

Number	Date	Fault Description and Replacement Accessories	Service Center	Service Engineer
1				
2				
3				

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安装教程

Installation Video

服务网址/Service Website : www.fovno.com

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Company name : YI Wu Feng Dong Technique LTD

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