

FOVNO 全电动倒立吸盘车顶架说明书

Electric Inverted Sucker Roof Rack 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.

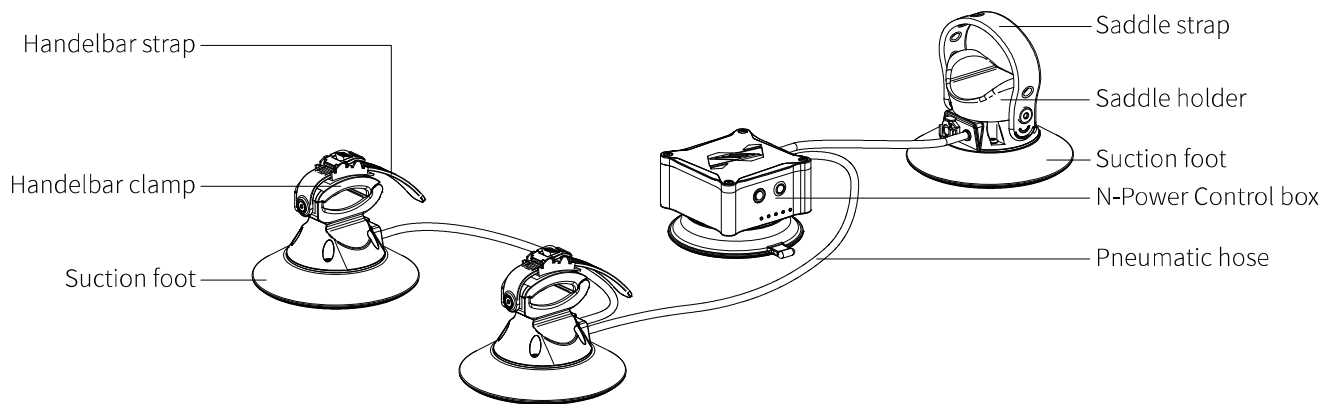
- Do not squeeze or impact the product forcibly.
- Do not disassemble or modify this product.
- Children should be supervised to ensure that they do not use this product as a toy to avoid unnecessary accidents.
- This product needs to be used with the attached alarm, which serves as a reminder during 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 control box suction foot on a smooth surface, turn on the power switch, and press the control box 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 bike rack

FOVNO Electric Inverted Sucker Roof Rack



Introduction

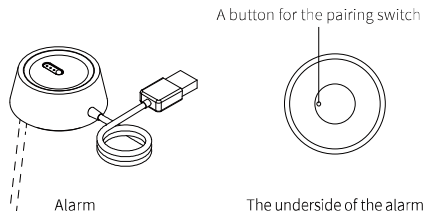
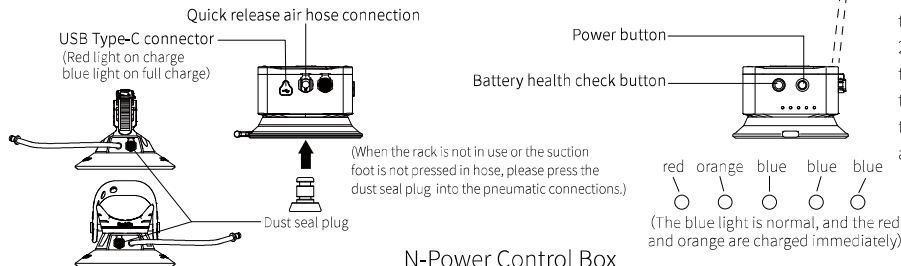
Alarm System Instructions

1. Your bike rack is fitted with a safety alarm which will alert you if the rack loses its connection with the vehicle. The alarm will sound if a suction foot leaks. In the event 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 vehicle's 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 event 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 bike 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.

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 bank 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 indicates the system is being charged. To check the battery level press the button on the N-Power control box.

Note: The charging voltage is 4V-6V, if it exceeds this range, it will affect the charging or damage the charging module.

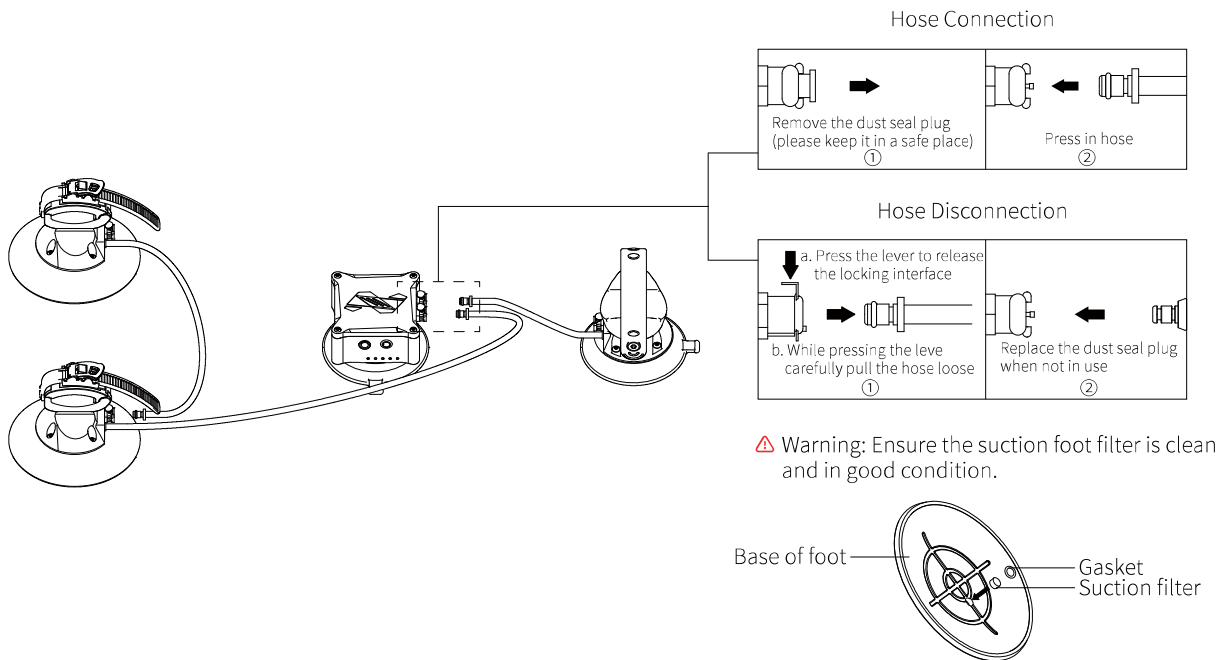


Pairing method of alarm and control box

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 means that 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 to complete the pairing.

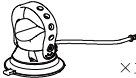
Introduction

Installation of your Fovno rack



Introduction

What's in the box

Name	N-Power Control box	Handelbar suction foot	Saddle suction foot	Accessories	Spares
FOVNO Electric Inverted Sucker Roof Rack		 ×2	 ×1	 250×40mm Crank strap×1  USB Type-C cable×1  Alarm×1  Microfibre cleaning cloth×1	 Dust seal plug×2  Seals×4  Suction cup filters×4  Gaskets×4

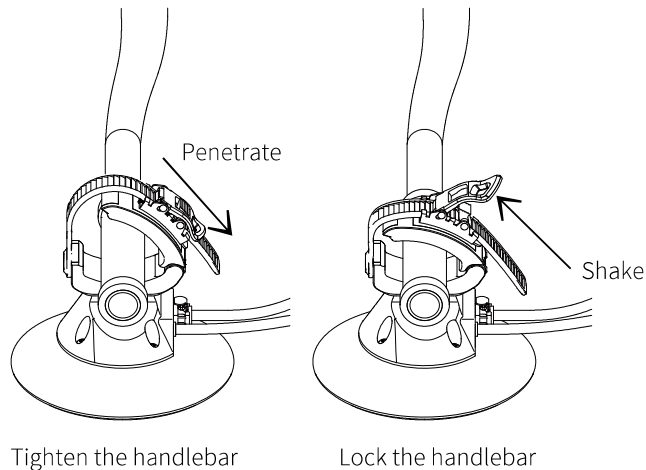
Specification

Model Number	ES-H1B	Battery capacity	3400mAh
Package Size Size	350×320×145mm	Input	DC4V-6V
System weight	3.3kg	Power	13W
Carry capacity	1 bike	Maximum negative pressure	-65KP
IP Rating	IP65	Wireless transmission frequency	433.92MHZ
Our products have acquired the CE-RED,FCC-RED,ROHS,UKCA,UN38.3,MSDS,EN62133 Certification.			

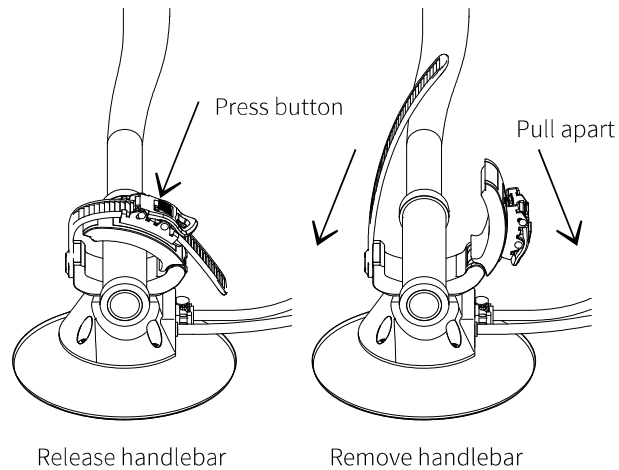
Instructions

Handlebar installation and removal

Install handlebar



Remove the handlebar



Instructions

Installation method 1

1. Place the alarm in the vehicle connect the alarm to a suitable USB power supply. If working normally a red LED light will be shown.
2. Install the handlebar suction foot and saddle suction foot on the bicycle as shown in Figure I , and tie the straps tightly, with the bottom surface of all suction feet facing upwards horizontally. Connect the hose on one of the handlebar suction foot to the other handlebar suction foot.
3. Invert the bicycle to the roof of vehicle, adjust the bicycle to be parallel to the vehicle body, adjust the position of the handlebar suction foot and the saddle suction foot , so that the bottom surface of the suction foot fully fits the installation surface.
4. As shown in Figure II , select a suitable position to absorb the control box (the direction of the hose interface of the control box suction foot is towards the rear of the vehicle), and connect the hoses of the handlebar suction foot and the saddle suction foot to the control box, so that the suction foots are completely adsorbed on the installation surface superior.
5. Before driving,check the handlebar suction foots and saddle suction foot are tight with bike and vehicle.

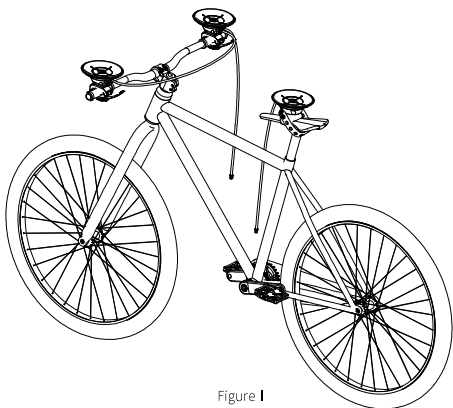


Figure I

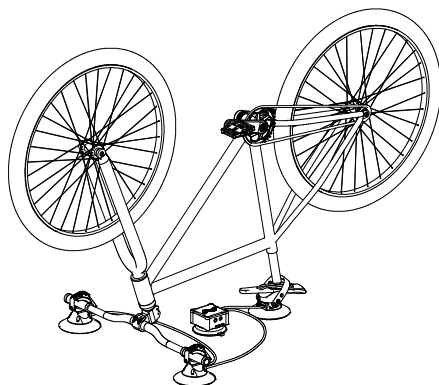


Figure II

Instructions

Installation method 2

1. Place the alarm in the vehicle. Connect the alarm to a suitable USB power supply. If working normally a red LED light will be shown.
2. Select the installation position of each suction foot on the roof or back of the vehicle according to Figure III
3. Put the control box suction foot in the selected position, turn on the power switch, and press the control box down, so that the suction foot is fully adsorbed on the installation surface.
4. Open the handlebar clamps of handlebar suction foots according to Figure IV, and place them in the selected position. The distance between the two is determined according to the length of the two sides of the bicycle handlebar. Connect the pneumatic hose as shown in Figure IV, and press the handlebar suction foots respectively, then the two handlebar suction foots will be automatically attached to the installation surface.

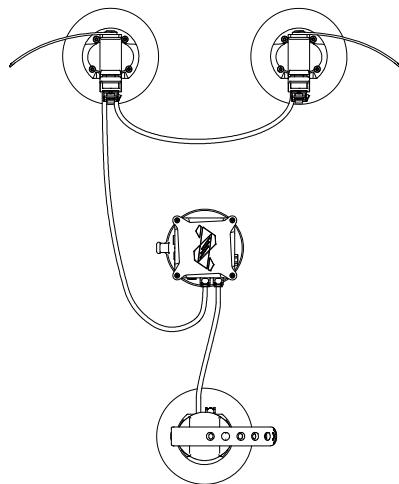


Figure III

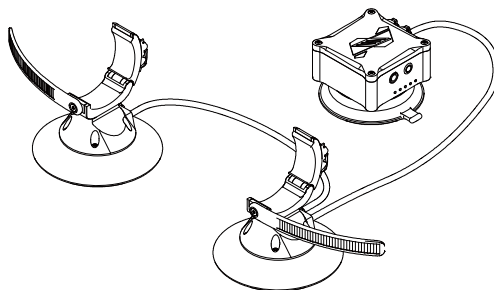


Figure IV

Instructions

5. Tie the saddle suction foot to the bicycle saddle, and tie the strap tightly to avoid shaking and loosening during driving.
6. Invert the bicycle to the roof of vehicle, install the bicycle handlebar on the handlebar clamps, and tighten the handlebar straps to firmly bind the bicycle handlebars, as shown in Figure V. Straighten the saddle suction foot, connect the pneumatic hose on the saddle suction foot to the control box, press the saddle suction foot down, then the saddle suction foot will be automatically attached to the installation surface.

Attention:

1. We recommend that you use a strap to keep your crank arm in place while driving. This will prevent the crank moving in transit.
2. Before driving the vehicle, please ensure that the control box is fully charged, the power switch is kept on, and check whether the bicycle handlebars, saddle, and crank are securely tied.
3. After using the roof rack, remove the bicycle first, then turn off the power switch of the control box, and open it one by one along the edge of the suction foot with your hands, let the air enter the suction foot, and then take off the roof rack.
4. When not in use store the rack in a clean box and ensure that the suction feet are not damaged or deformed.

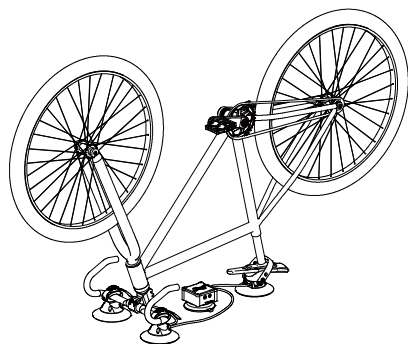
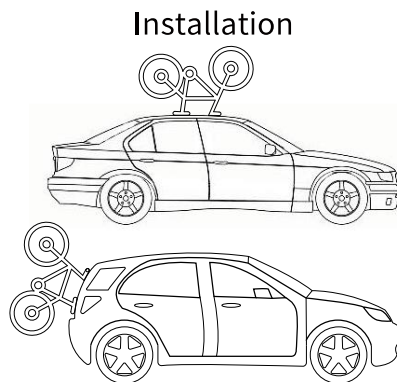


Figure V



Installation

Before installing it on the back of the vehicle, make sure that there is a suitable place for suction foot, and that the bicycle will not block the license plate after installing the bicycle.

Trouble Shooting

Problem	Possible Issue	Solution
Alarm isn't functioning	Check the USB connection.	Please check USB connection and power source.
	Alarm is damaged.	Contact customer service.
Control box isn't functioning	Low power in battery.	Fully charge and retry.
	Battery is damaged.	Contact customer service.
Control box lights 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 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 Roof Rack controller is strictly based on the be “Consumer Rights Protection of the People's Republic of China” and “The Product Low of the People's Republic of China” .

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 Inverted Sucker Roof Rack Product Performance Failure Table", 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 Inverted Sucker Roof Rack Product Performance Failure Table", 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. Human error.

List of product performance failures

Name	Performance failure
FOVNO Electric Inverted Sucker Roof Rack	1. Control box not functioning. 2. Control box is not charging. 3. Alarm is not functioning. 4. Suction foot 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 roof 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 and check the battery level every 3 months. Recharge when necessary.

Warranty card

User name	
Address	
Telephone number	
Product name and model	
Purchase date	

Maintenance record

Number	Date	Issues and service	Service Center	Service engineer
1				
2				
3				

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

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