

FOVNO

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Electric Crossbars Rack Instructions

FOVNO

Terms and Conditions

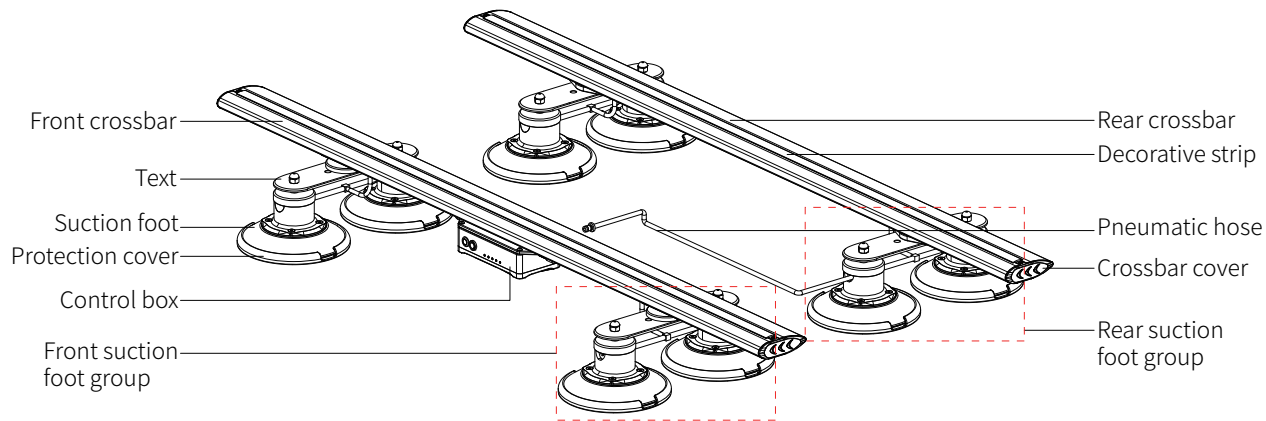
Please read these instructions carefully before using this product. The instructions contain important information which will help you get the best out of the product and ensure safe and proper installation, use and maintenance.

- 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

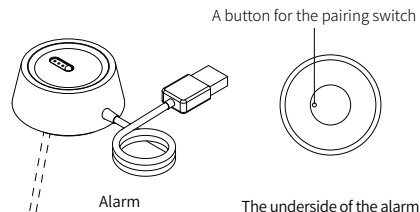
Learn about your new Electric Crossbars Rack



Introduction

Alarm System Instructions

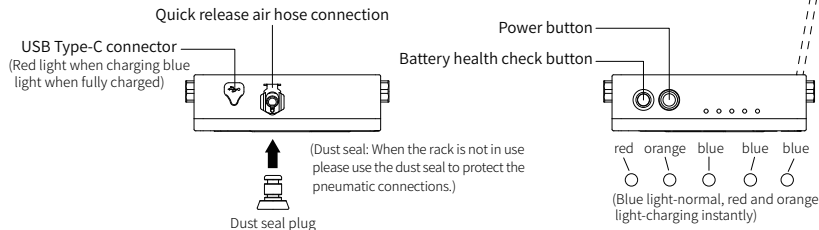
1. Your luggage bars rack is fitted with a safety alarm which will alert you if the back loses its connection with the vehicle. The alarm will sound if a suction foot leaks. In the even of this happening the N-Power system will automatically attempt to create a vacuum seal using the built in pump.
2. 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 electric crossbars 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 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.

Note: The charging voltage is 5V, if it exceeds this range, it will affect the charging or damage the charging module.



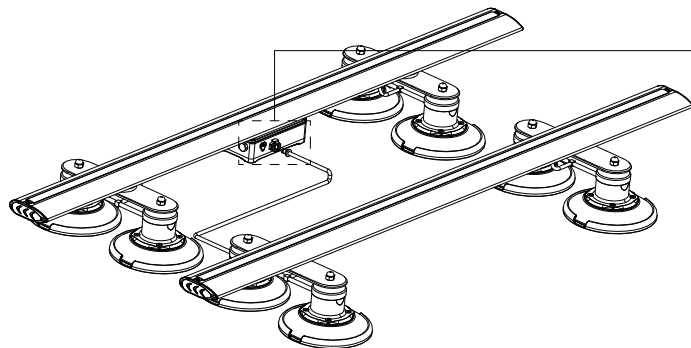
Pairing

Pairing method of alarm and control box

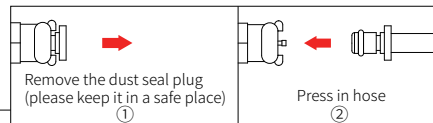
1. Clear data: There is a small hole on the back of the alarm that is a button for the pairing switch. After the alarm is connected to the power supply, press the switch button in the small hole for about 10 seconds. When the indicator light of the alarm is off, it means that the original data is cleared.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

Introduction

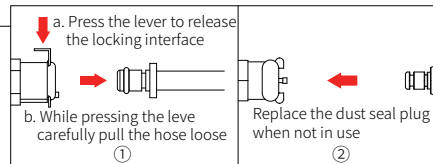
Installation of your Crossbars Rack



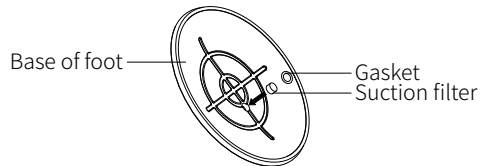
Hose Connection



Hose Disconnection

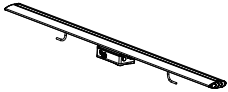
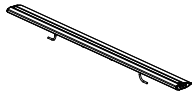


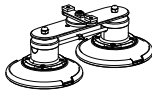



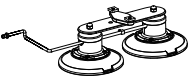











⚠ Warning: Ensure the suction foot filter is clean and in good condition.



Introduction

What's in the box

Name	Front Crossbar	Rear Crossbar	Accessories	Spares
Electric Crossbars Rack		 Rear Crossbar×1	 Decorative Strip 1m×1 (spare)	 CPC Dust Seal Plug×2
	 Front Suction Foot Group×2	 Rear Suction Foot Group×1	 Alarm×1	 Seals×4
		 Rear Suction Foot Group(Pneumatic Hose)×1	 USB Type-C Cable×1	 Suction Foot Filters×4
			 Microfibre Cleaning Cloth×1	 Screw×9
			 4mm Allen Key×1	 Gaskets×4
			 Square Nut ×9	
			 Plastic Box×1	
			 Trachea Connector×4	

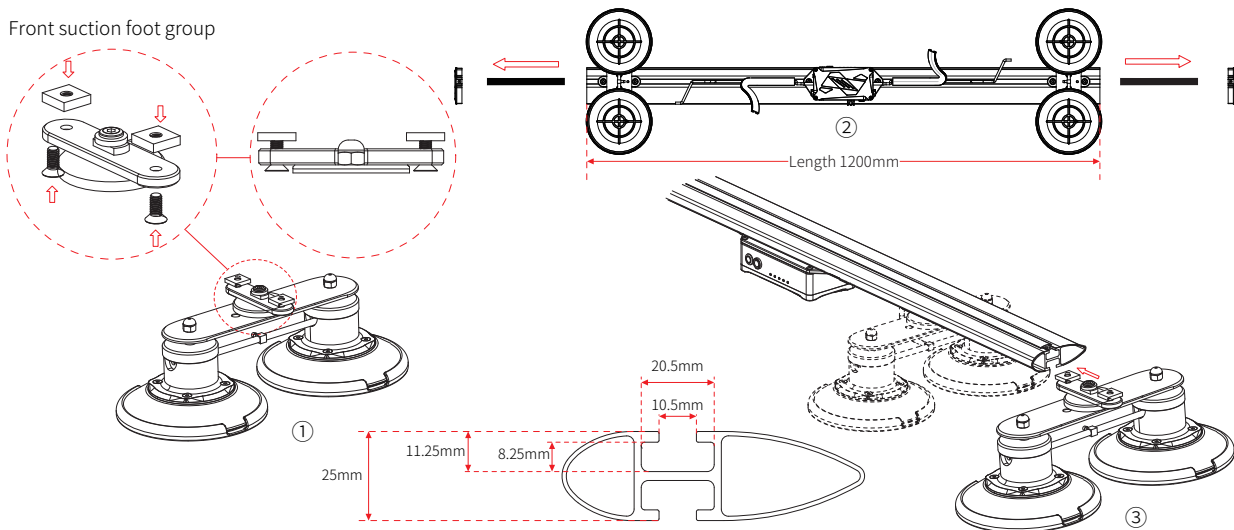
Specification

Model Number	ES-L04	Battery Capacity	3400mAh
Package Size	1280×200×160mm	Input	DC 5V
G.W	10kg	Power	13W
IP Rating	IP65	Wireless Transmission Frequency	433.92MHZ
Executive standard: QC/T948-2013			
Our products have acquired the UN38.3,EN62133			

Installation Notes

1. Installation method of the crossbar and suction foot group: Install the M6 countersunk head screw and square nut on the suction text according to the method in Figure ①, please do not tighten it. (The installation method of the screws and nuts of the front and rear suction foot groups is the same, pay attention to the direction of the pneumatic hose interface on the suction foot group towards the inner side of the crossbar)
2. Remove the covers and decorative strips on both sides of the crossbar, as shown in Figure ②. Then slowly slide the suction foot group into the chute under the crossbar according to the method shown in Figure ③.

Front suction foot group

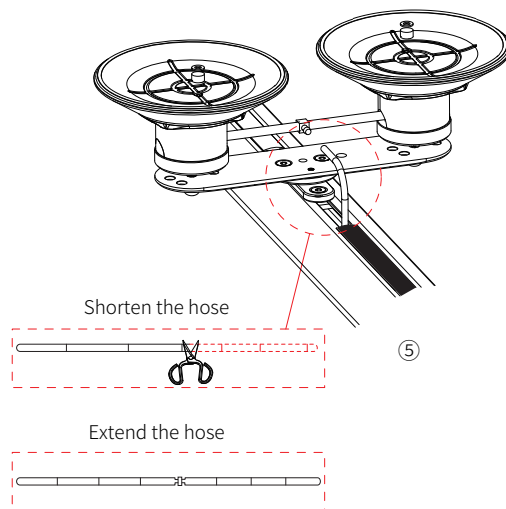
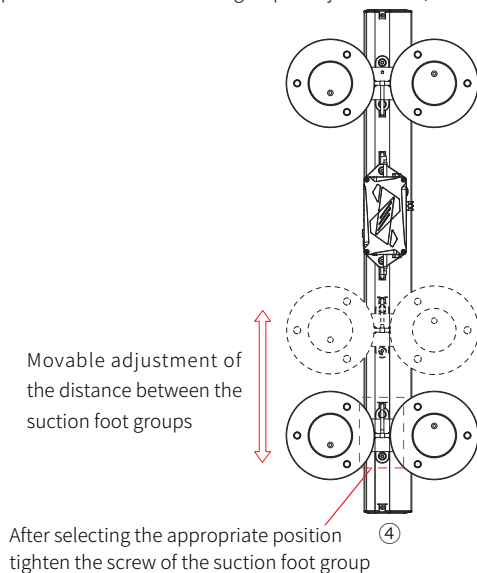


Dimension drawing of cross bar chute

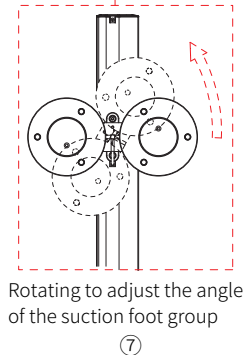
Note: when installing the wider side of the crossbar faces the front of the vehicle.

Installation Notes

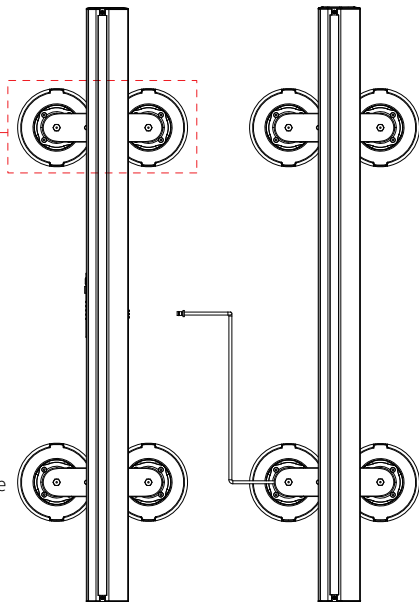
3. Please determine the installation position of the suction foot group according to the actual situation of your vehicle roof, and then tighten the M6 countersunk head screws, as shown in Figure ④.
4. After fixing the suction foot group, connect the suction foot group to the pneumatic hose on the crossbar. When the position of the suction foot group is close to the inner side of the crossbar and the hose on the crossbar is too long, it can be shortened. Please save the cut hose. When the position of the suction foot group is adjusted later, the cut hose can be extended through the direct joint, as shown in Figure ⑤.



5. The empty chute on the back of the crossbar should be covered with decorative strip. when the position of the suction foot group is close to the inner side of the crossbar and the inner decorative strip is too long, you can cut the inner decorative strip to a suitable length. cover the chute, and finally install the side cover of the crossbar, as shown in Figure ⑥.



- Rear crossbar



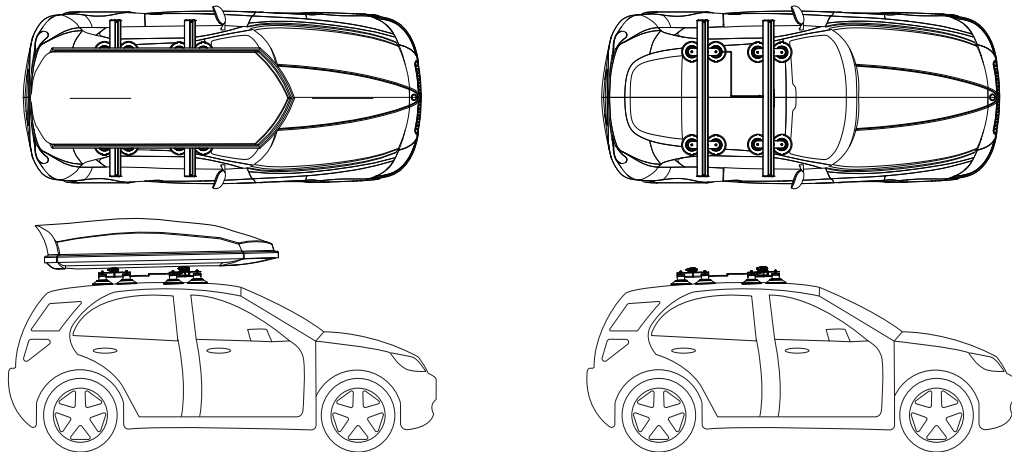
Instructions

This product can be used to install luggage box, luggage carrier, bicycle roof racks, ski racks, roof tents, car canopies, as well as transport kayaks, surfboards, etc.

Precautions :

1. Before driving, make sure the control box is fully charged and the power switch is kept on.
2. If you are removing the rack, first 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, so that the product can be taken off after the air enters the suction foot.
3. Please clean the removed product in time and cover it with the suction foot cover for storage.
4. Before driving, you need to pull out the suction foot to test whether the control box is working normally, check that each suction foot is fully attached to the mounting surface.

Product usage scenario diagram



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 Electric Crossbars 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 “Electric Crossbars Rack 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 “Electric Crossbars Rack 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 “Electric Crossbars Rack Performance Failure List” .

Electric Crossbars Rack Performance Failure List

Name	Performance failure
Electric Crossbars Rack	<ol style="list-style-type: none">1. Control box is not functioning.2. Control box is not charging.3. Alarm is not functioning.4. Suction feet 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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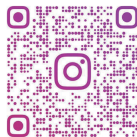


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