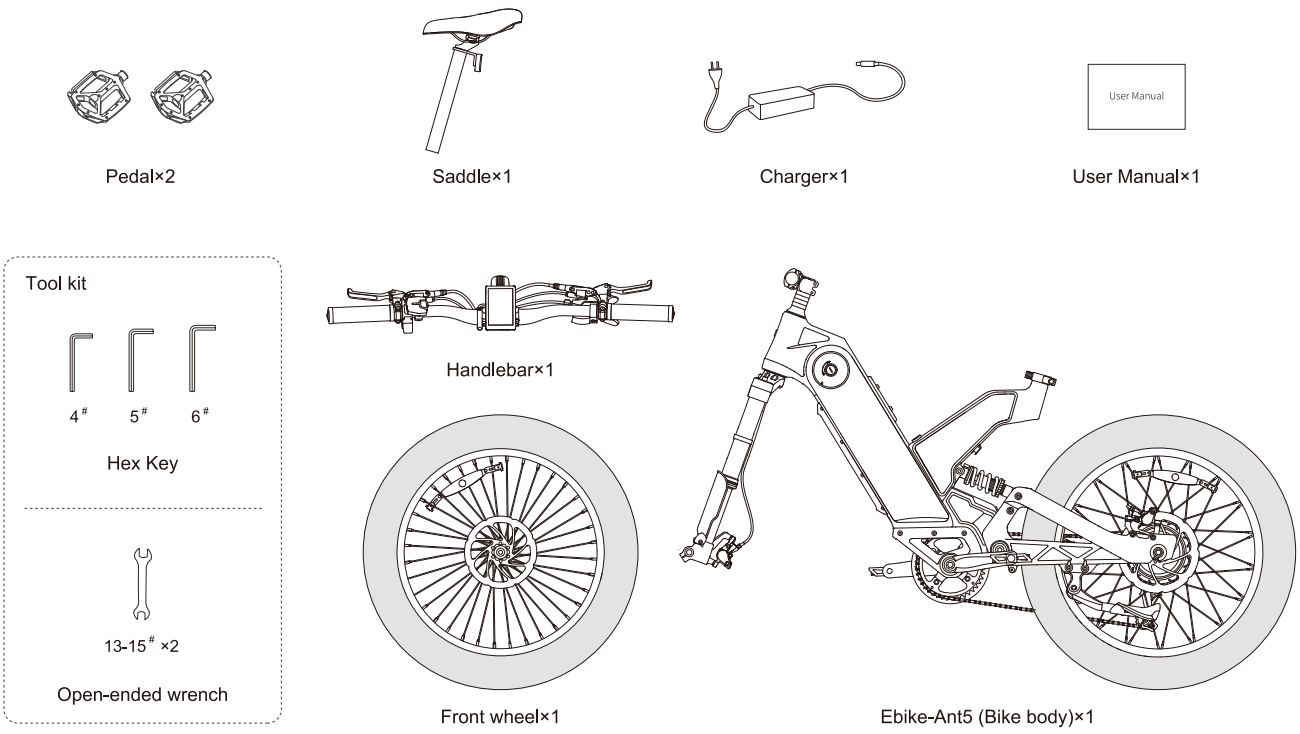


ELECTRIC BICYCLE USER MANUAL

Applicable Models: Ebike-Ant5

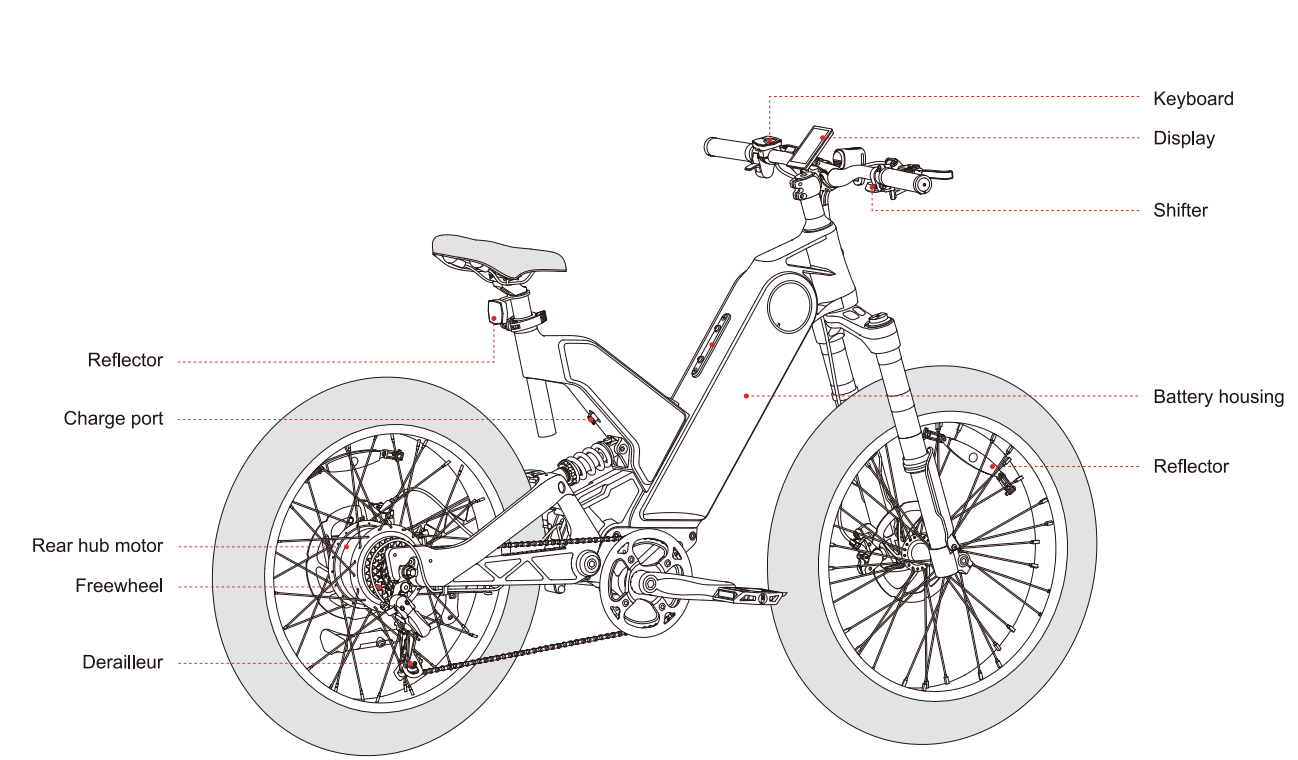
Tips:  
Please read all product manuals carefully before riding. Please keep it properly after reading.  
Please do not use an electric bicycle before you understand its characteristics.

Accessories



△ Please carefully check whether the items in the packaging box are complete and intact. If there are any missing or damaged items, please consult your dealer.

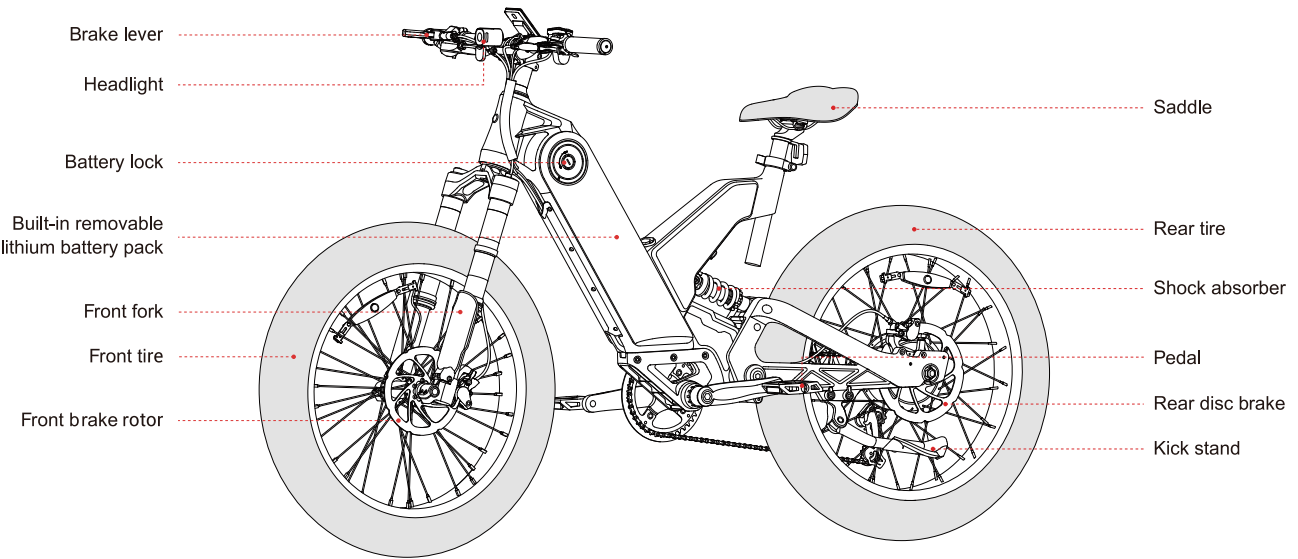
Parts description



Product specifications

Types	Parameters	Ebike-Ant5
Information	Size	72.8*27.6*42.1 inches
	Weight	84.8 lbs
Configuration	Payload Capacity	330 lbs
	Sensor	Torque sensor
	Brake (Front/Rear)	Front and rear oil brakes, 180mm rotors
	Shock absorption (Front/Rear)	Front: Inverted fork suspension shaft / Rear: 160L, 1200Lbs Adjustable damping
	Tire (Front/Rear)	24*4.0 Inch
	Speed	28+ Mph
	Range	Up to 80 Miles
	Battery	47.19V 19.6Ah removable lithium battery
	Motor	Rear hub motor 750W 85N.m
	Climbing Angle	25°
	Display	LCD, CAN protocol, Support remote upgrade
Lighting	Headlight	LED headlights
	Rear taillight	/
Charger	Voltage	54.6V 4.5A
	Charging time	4-5h

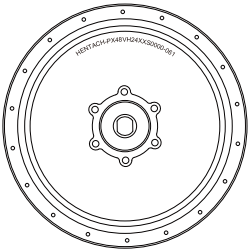
\*Mileage: Measured at full power, 85kg load, standard tire pressure, and vehicle speed of 25km/h. The battery life of the product is related to factors such as load bearing, temperature, speed, road surface, etc.



Motor code

HENTACH-PX48VH24XXS0000-061

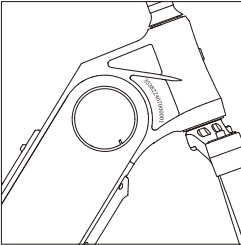
HENTACH: Company initials  
PX: PXID  
48V: Voltage  
H: 24 inches  
24XX: Order year, month  
S: Motor model  
0000: Serial number  
061: Drawing number



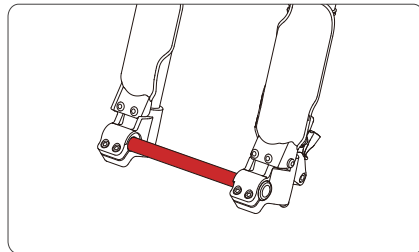
Frame number

353822407000001

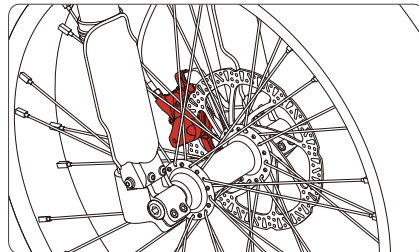
3538: Enterprise code  
2: Electric bike  
2407: Date of production  
000001: Serial number



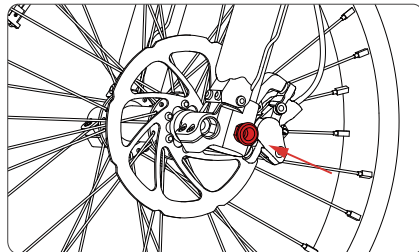
### Tire installation



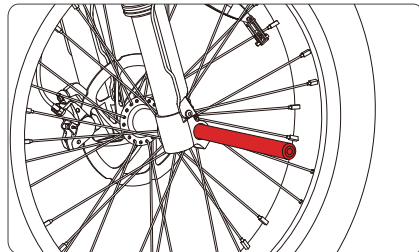
1. Use the 6" hex key to remove the front fork guard rod.



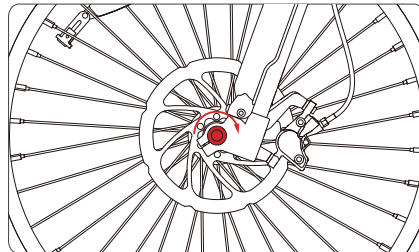
2. Put the tire in the correct direction. Ensure the disc brake is aligned with the slot.



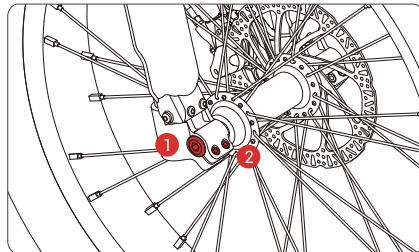
3. Place the screws as shown.



4. Put the thru-axle in the hub as shown below in the right side.

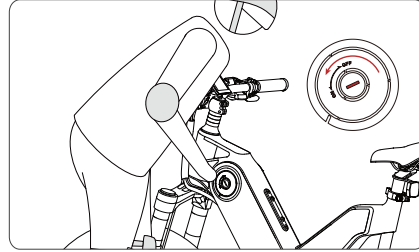


5. Turn the screw in and press it until it goes inside the groove.

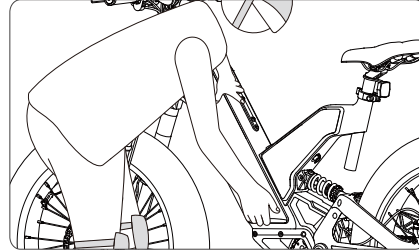


6. Tighten the screw marked in ① and ② with 6" and 5" hex key accordingly.Turn the wheelset to test the disc brake no noise.

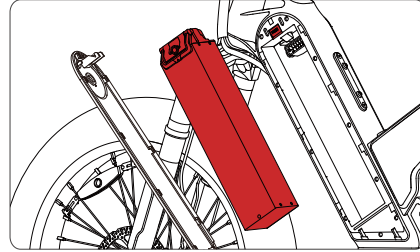
### Battery removal method



1. Rotate the handle to the right 30°. Stand in the position shown in the picture above and turn the lock to the left to open it.

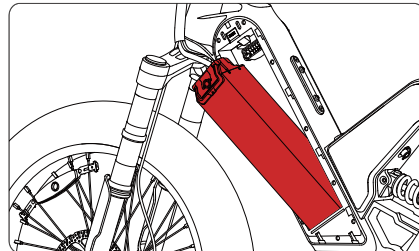


2. Hold the bike body with your left hand, hold the bottom of the battery cover with your right hand, and push it upward to open it.

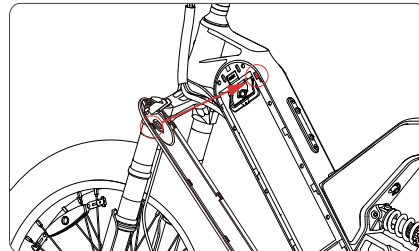


3. Remove the battery cover, hold down the push button, and lift the battery box out by the handle.

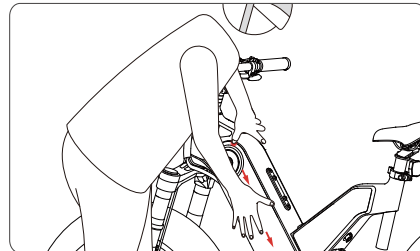
### Battery installation method



1. As shown in the figure, place the lower end of the battery box into the battery compartment of the vehicle body first, and then push the upper part of the battery box inward.

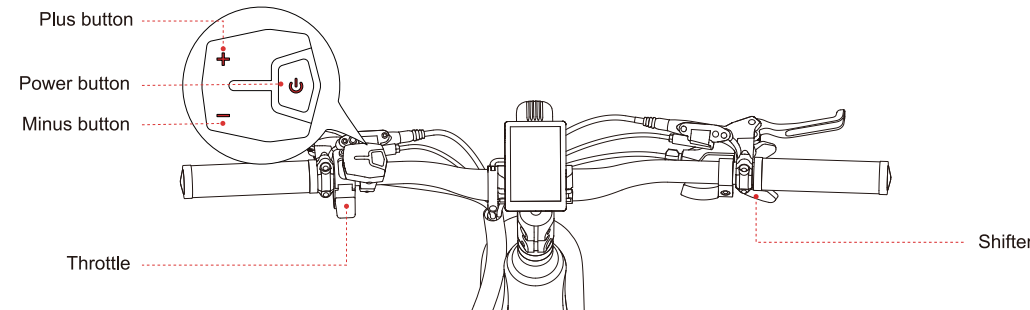


2. Find the pair of the first buckle on the right side of the battery cover and the hole shown in the picture above.



3. Hold the battery cover with your left hand to ensure that the battery cover remains flat with the bike body and fully fits the bike body.And use your right hand to push the battery cover down.

### Head combination switch



	<b>Power button</b>	Long press the "⏻" button, the meter is powered on, under this state, long press the "⏻" button to power off the system.
	<b>Plus button</b>	Long press the "+" button to activate the headlight indicator on the screen lights up and the controller will turn on the light. Long press the "+" button, the controller will turn off the light.
	<b>Minus button</b>	When the car body is stationary, press the "—" button for a long time to display the dynamic boost identifier, indicating that it enters the boost mode. Release the "—" button to exit the boost mode. In the boost mode, the boost sign is displayed dynamically, the vehicle speed is less than 6km/h. The boost state stops when the "—" button is released. In 5 seconds of static boost, no button can be pressed to automatically set to 0.

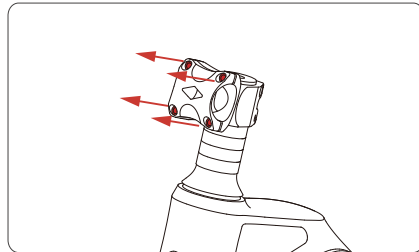
Substitute "long press" for "press the button longer than 2.5s" and substitute "click" for "press the button shorter than 0.5s".

1. Imperial and metric unit conversion  
Enter the "Display Setting" menu, select "Unit", and press "⏻" to enter the settings. Use the "+" or "—" keys to move the cursor and select "km/h" or "mph". Press "⏻" to save and return to the "Unit" menu. Exit to the main screen by selecting "Back" → "Exit".

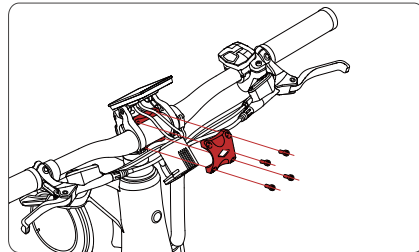
**Note: The default unit is imperial. When set to metric, all information on the main screen is displayed in metric units; the same applies to imperial.**

2. Selection of power-assisted gears  
After power on, click "+" button or "—" button to switch the gear and change the motor output power. Default gear of meter is 0-5 (or according to order requirement), gear 0 is without assistance, gear 1 is the minimum power, gear 5 is the maximum power. When powered on, the default gear is 0.

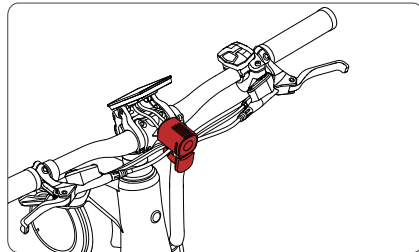
### Handlebar installation



1. Use the 4" hex key to unscrew the four screws on the pressure block assembly.

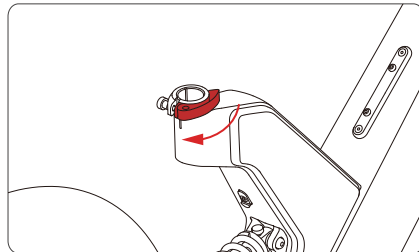


2. Place the screen and handle bar in position, then align the bolts as shown below and tighten with 4" hex key.

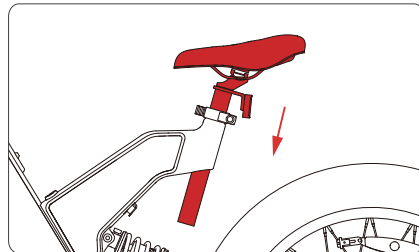


3. After the handlebar is installed, rotate the headlight to the correct position and tighten the headlight clamp screws.

### Saddle installation

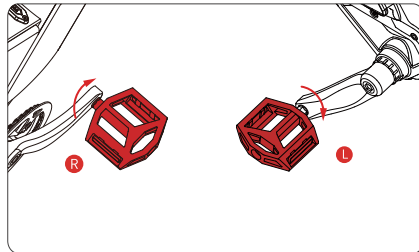


1. Install the saddle, open the lock and insert the saddle first.



2. After the saddle is inserted, make sure that the seat does not turn back, do not shake, and the lock is tightly fixed.

### Foot pedal installation



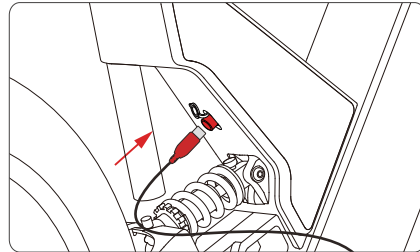
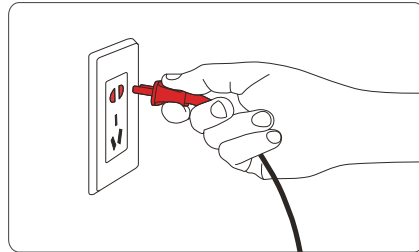
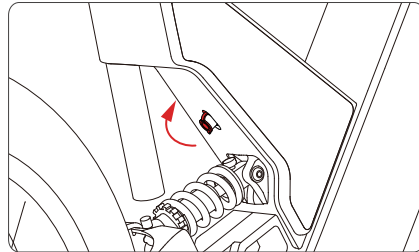
1.Install the left pedal by turning it counterclockwise and the right pedal clockwise by hand. Then tighten securely using a 13–15 mm wrench.

### Battery instructions

Due to battery self-discharge during transportation and storage, it is normal for the battery to be low or no battery when used for the first time. Please charge according to the following steps. You can choose between external charging (removed battery) or in-vehicle charging.

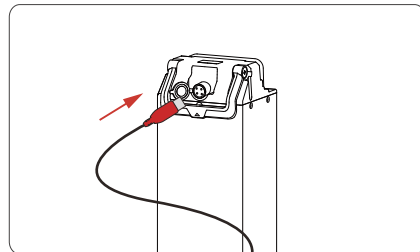
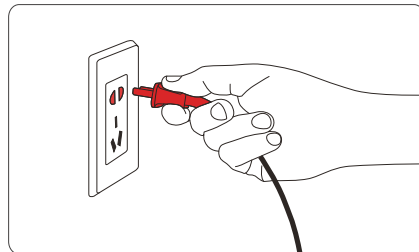
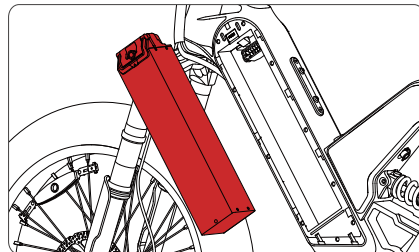
#### a.Whole vehicle charging

Locate the charging port above the rear shock absorber. Open the rubber seal. Connect the charger to the power supply first, then plug it into the charging port. After charging, close the rubber seal securely.



#### b.External charging

First, remove the battery. Open the rubber seal on the charging port. Connect the charger to the power supply first, then plug it into the charging port. After charging, close the rubber seal securely.



**\*The red light on the charger stays on to indicate that it is charging, and the green light stays on when charging is completed. Please unplug the charger promptly after charging is complete.**

### Display



### Error code meaning sheet

Error code	Failure type	Error code	Failure type
ER04	Handle fault	ER11	The motor temperature sensor is faulty
ER05	The twist grip is not returned	ER14	The temperature of the controller reaches the protection point
ER08	Motor hall fault	ER15	The temperature sensor of the controller is faulty
ER09	Motor phase line fault	ER30	The communication with the controller fails
ER10	The motor temperature has reached the protection point		