

Manual for the use of Electric Bicycle products



How to use lithium battery correctly.

Charge the battery regularly.

Fully charge the battery before use.

Charge the battery at least once a month if don't ride the e-bike for long time.



FULLY CHARGE BATTERIES BEFORE FIRST USE- Batteries should be fully charged immediately when they are received and immediately after each use for the recommended charge times (see below).

.Li-Ion (Lithium Ion) batteries 4-6 hours (2-3 hours for Via Urbano)

We recommend that you consult a bicycle specialist if you have doubts or concerns as to your experience or ability to properly assembly, repair, or maintain your bicycle.

Additional warning/cautions are in the assembly section of this manual

With proper care and maintenance your Currie Technologies@ Hybrid Electric Bicycle will provide ease of use and be fun to ride .

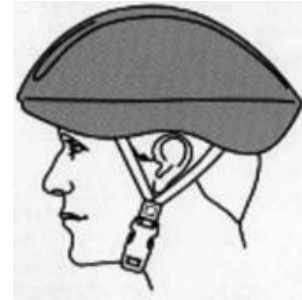
Below are points that will help you to maximize the enjoyment you get from your new hybrid electric bicycle

FACTORS TO MAXIMIZE THE RANGE OF YOUR HYBRID ELECTRIC BICYCLE

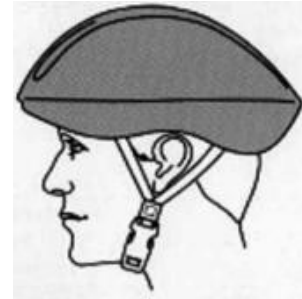
- . **Ride R input** -the more the rider pedals the further the distance traveled. Continuous riding, as opposed to frequent stopping and starting. will yield the greatest range possible
- . **elevation Gain** -the flatter the road the further the distance traveled
- . **Weathe R**-cold weather can adversely affect the battery capacity
- . **Wind** - traveling with a tailwind will increase distance traveled, traveling into a headwind will decrease distance traveled
- . **teRRain** -the smoother the terrain (roadways vs. fireroads, etc.) the further the distance traveled
- . **Ride R WeiGht** -the lighter the rider, resulting in less drain on the batteries, the further distance traveled
- . **Bicycle Maintenance**- a properly maintained bicycle will yield the greatest range possible
- . **tiRe pResu Re** - properly inflated tires have less rolling resistance and will be easier to pedal
- . **Batte Ries**- properly charged and maintained batteries will yield the greatest range possible. Batteries stored in cold areas (below 50 degrees Fahrenheit/ 10 degrees Celsius) will show reduced range. Batteries that have not been kept in optimum condition will show reduced range and run time.

HELMETS SAVE LIVES!!!

- ALWAYS WEAR A PROPERLY FITTED HELMET WHEN YOU RIDE YOUR BICYCLE.
- DO NOT RIDE AT NIGHT.
- CPSC RECORDS SHOW THAT ABOUT 35% OF BICYCLE RELATED DEATHS OCCUR AFTER DARK.
- AVOID RIDING IN WET CONDITIONS.
- CPSC RECORDS SHOW THAT ABOUT 65% OF INJURIES HAPPEN TO CHILDREN UNDER 15 YEARS OF AGE.
- RIDE ONLY WITH ADULT SUPERVISION

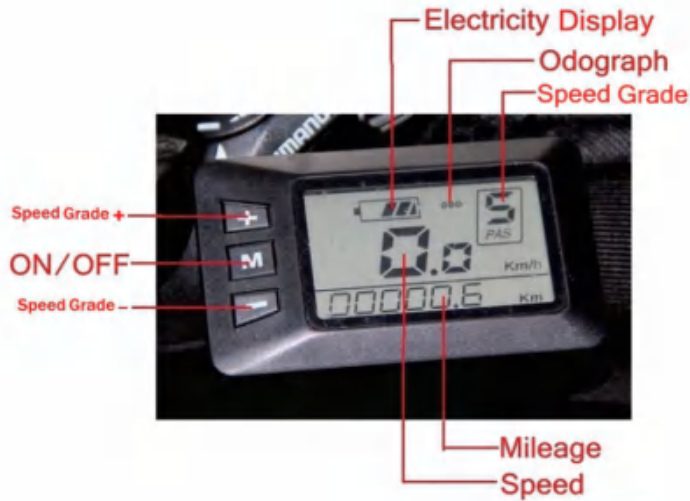


CORRECT FITTING - MAKE SURE YOUR HELMET COVERS YOUR FOREHEAD.



INCORRECT FITTING. FOREHEAD IS EXPOSED AND VULNERABLE TO SERIOUS INJURY.

Instrument introduction and operation (Screen function diagram)



Riding Mode	Electric Power Assist (5 Shifts)
	Pure Electric (5 shifts)
	Pure Human Riding
CRUISE CONTROL SYSTEM :	
<p>Pure electric riding mode, during riding process (turn rotatable grip + long press - button for 5 seconds) to enters cruise mode (instrument display Cruise sign). Brake cancels cruise. (Cruise mode need to be used in good road conditions, with few pedestrian and vehicles on the road)</p> <p>Note: For the normal use of each function, please ensure that the led panel works.</p>	

Switch on and off: Long press power button for five seconds to turn the meter on/off, quick press power button to check solo/total mileage.

Switch Speed Grade : press the +/- button to switch the speed grade

0 grade instructions:

At 0 grade mode, at this time, the motor doesn't work when you turn throttle grip, and the human riding has no electric power.

Speed Grade 1-5 instruction :

Speed Grade 1-5, turn the throttle grip, the motor works , and PAS starts at the same time. At this time, different assist and speed are matched according to the selected speed grade.

Tear off packaging



C6

Turn stem to this direction



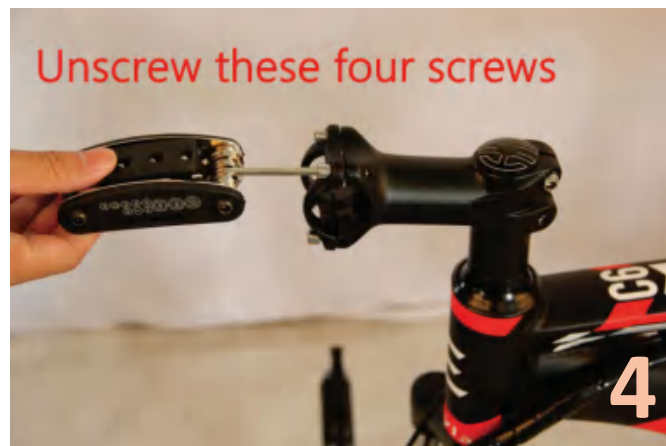
C6

Rotate 180° forward



C6

Unscrew these four screws



C6



C6



C6



C6



C6



Fix the headlight

9

C6



Tighten the screw

10

C6



To fix the front wheel,
remove the nuts first

11

C6



Insert the disc into
the gap of the brake

12

C6



C6



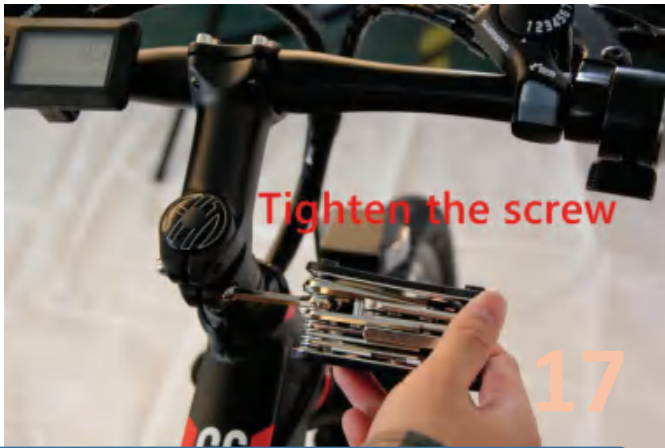
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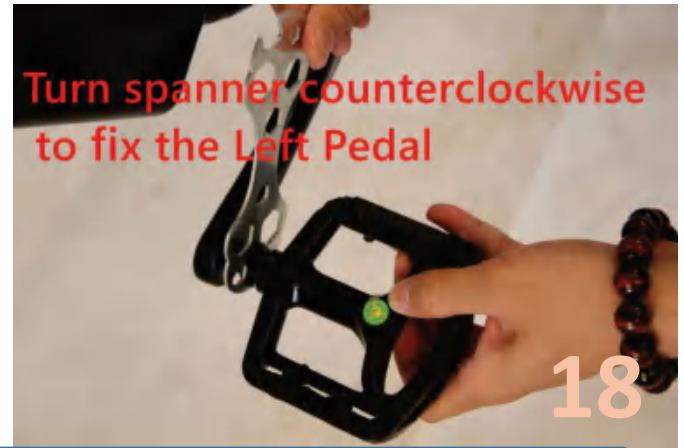
C6



C6



C6



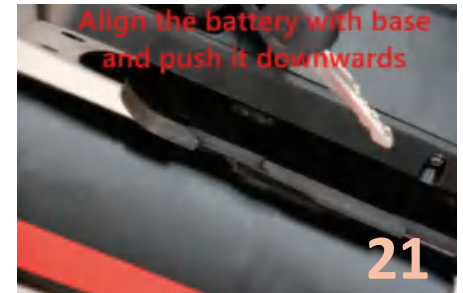
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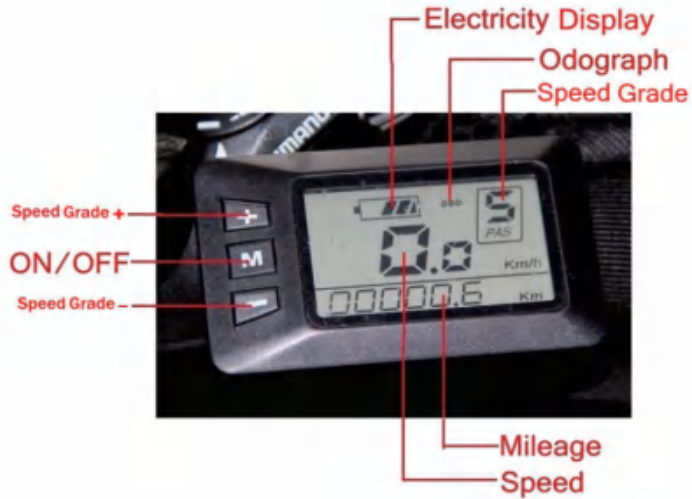
C6

1. Instrument introduction and operation
2. the usage of folding function
3. battery disassemble, charging, maintenance
4. PAS and speed shifting skills
5. maintenance

Accessories name of the E-bike



Instrument introduction and operation (Screen function diagram)



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the usage of folding function

Take the e-bike out of the carton



Unfold the e-bike



Turn the safety folding lever



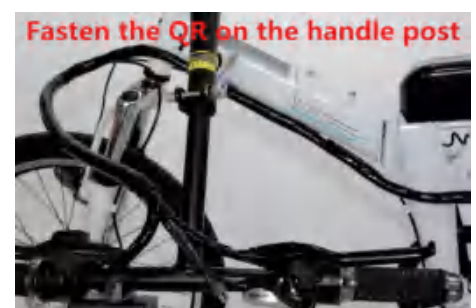
Fasten the safety folding lever



Fix the handlebar



Fasten the QR on the handle post



Turn the folding lever on the handle post



Fasten the folding lever on the handle post



Insert the safety hook



**Fix the right side pedal ,
turn the wrench clockwise**



**Fix the left side pedal ,
turn the wrench counterclockwise**



Fix headlight and front mudguard



**Headlight and front mudguard
are fixed correctly**



**Fix rear mudguard .
Add a plastic O-ring**



Fasten the rear mudguard



The appearance of the e-bike



Hang the battery bag
on the handlebar



Fasten the hook&loop



Connect the power cable
of the battery to the bike



The power cable is
connected correctly



Turn the folding lever
and lift it up to fold the e-bike



Connect the Battery Cabel
and the charger Cable



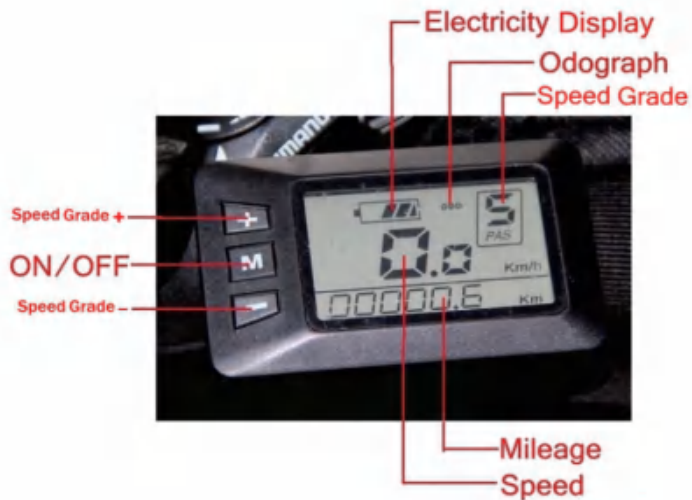
Charging the Battery

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Accessories name of the E-bike



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Switch on and off: Long press "M" button for five seconds to turn the meter on/off, quick press M button to check solo/total mileage.

Switch Speed Grade : press the +/- button to switch the speed grade

0 grade instructions:

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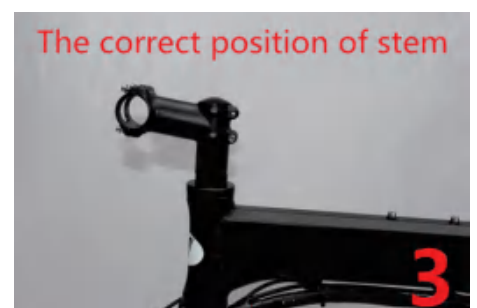
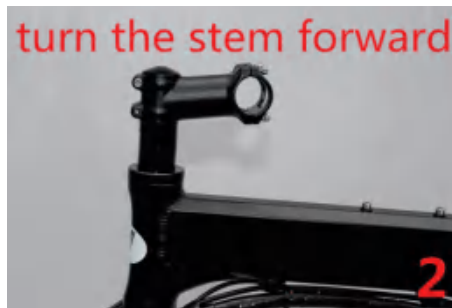
Speed Grade 1-5 instruction :

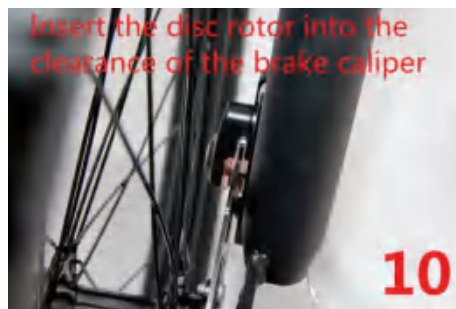
Speed Grade 1-5, turn the throttle grip, the motor works , and PAS starts at the same time. At this time,

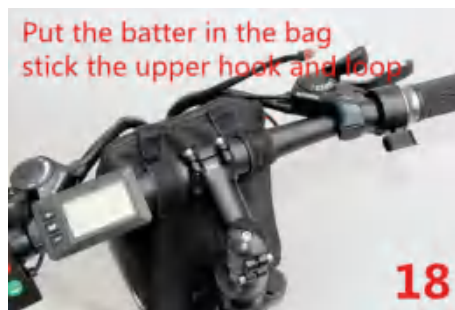
different assist and speed are matched according to the selected speed grade.

the usage of folding function

1 Fold the Seat post Loosen the clamp and press the post Down to the lowest position and lock 2 Fold the pedal Push inward and then turn down









Connect the Battery Cabel and the charger Cabel



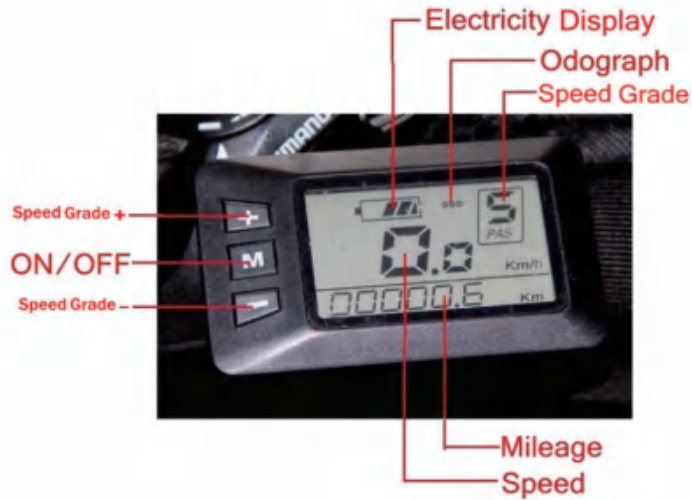
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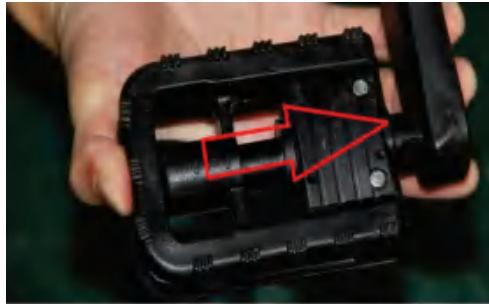
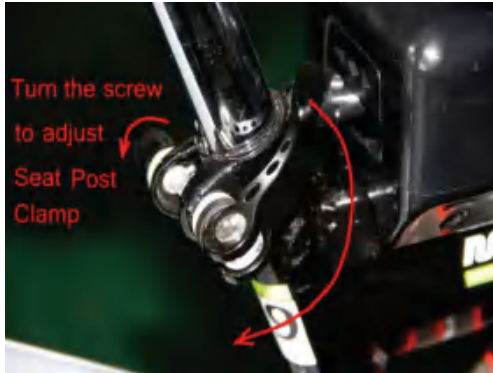
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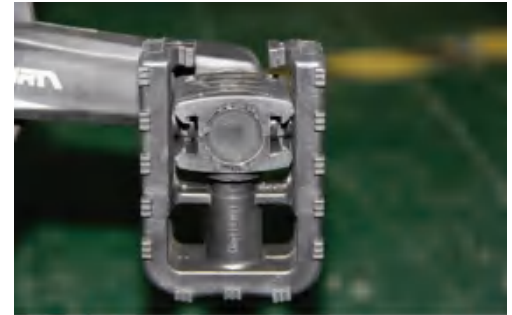
Speed Grade 1-5 instruction :

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The usage of folding function



Press the pedal to fold it



The Pedal is folded correctly



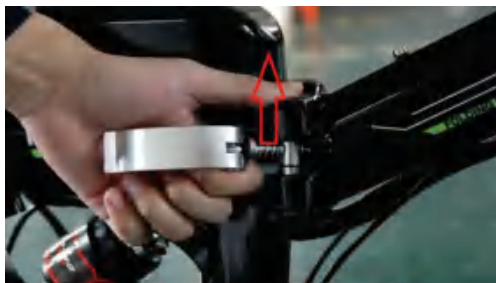
Fix the Handlebar Step 1
Insert the Stem into the Head Tube



Fix the Handlebar Step 2
Turn the bolt to tighten the stem



Fold the Bike Step 1
Turn the Buckle



Fold the bike Step 2
Lift up the bolt



The bike is folded correctly



Fix the Battery Bag Step 1
stick the upper HOOK&LOOP



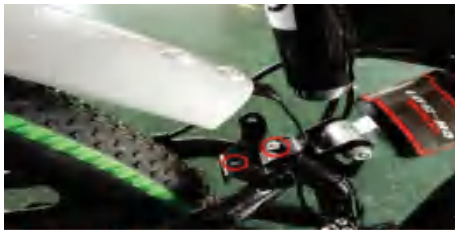
Fix the battery bag Step 2
Stick the lower HOOK&LOOP



The battery bag is fixed correctly



Fix the front Fender
The front fender and front light
share the same hole on the fork



**Fix the rear Fender
Both two holes are okay**



The Electricity Cable is Connected



**Electricity Cable Connection Step 2
Insert the plug into Battery Cable**



**Electricity Cable Connection Step 1
Take the plug of the Controller**



The effect picture when the bike is folded



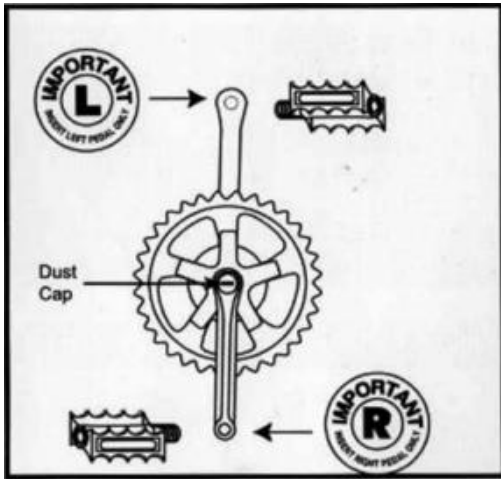
The effect picture when the bike is folded



**Connect the Battery Cable
and the charger Cable**



Charging the Battery



Pedals & Crank Set

Look for the letters "R" for right, and "L" for left, stamped on each pedal spindle. Start threading each pedal by hand to avoid stripping the threads. Tighten with a 15mm narrow open ended wrench. Note that the right hand pedal attaches to the chainwheel side crank arm with a right-hand (clockwise) thread. The left pedal attaches to the other crank arm and has a left-hand (counter-clockwise) thread. It is very important that you check the crank set for correct adjustment and tightness before riding your bicycle. New cranks may become loose with initial use, refer to pages 107-109 for proper crank set adjustment and maintenance. Once the pedals have been installed, remove the dust caps from the center of each crank arm. Tighten the spindle nuts securely (approx. 350 in. lbs.) with a 14mm socket wrench or an 8mm Allen wrench, depending on style, then replace the dust caps.



Attachment of an incorrect pedal into a crank arm can strip pedal threads and cause irreparable damage. Before your first ride, please check to insure your pedals are attached correctly.

Seat Post Clamp -Quick Release

Many IZIP and eZip bicycle models use quick release (QR) levers to facilitate common tasks such as front wheel removal and seat height adjustment. When properly adjusted, quick release levers are both safe and convenient, but you must understand and apply the correct technique to adjust them properly before riding your bicycle to prevent serious injury or death from a fall

Quick release levers use a cam action to clamp the wheel or other components in place. Because of their adjustable nature, it is critical that you understand how they work, how to use them properly, and how much force you need to apply to secure them.

Warning: The full force of the cam action is needed to clamp the wheel securely. Holding the nut with one hand and turning the lever like a wing nut is NOT a safe or effective way to close a quick release and will not clamp the wheel or other components safely.

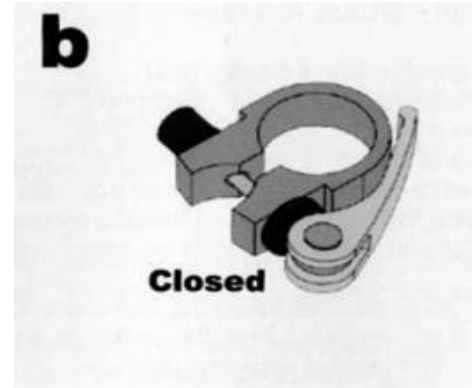
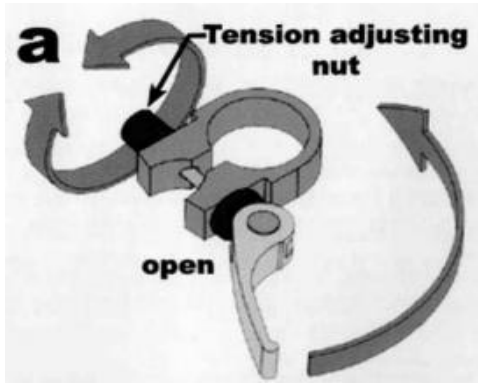
QUICK RELEASE USAGE

Riding with an improperly adjusted wheel quick release can allow the wheel to wobble or fall off the bicycle, which can cause serious injury or death. Therefore, it is essential that you:

1. Ask your dealer or a local bike shop to help you make sure you know how to install and remove your wheels safely.
2. Understand and apply the correct technique for clamping your wheel in place with a quick release.
3. Each time, before you ride the bike, check that the wheel is securely clamped

Adjusting a quick release seatpost clamp

In a seatpost quick release system, the seatpost is clamped in place by the force of the quick release cam pushing against one side of the clamp and pulling the tension adjusting nut, by way of the skewer, against the other. The amount of clamping force is controlled by the tension adjusting nut. Turning the tension adjusting nut clockwise while keeping the cam lever from rotating increases clamping force; turning it counterclockwise while keeping the cam lever from rotating reduces clamping force. Less than half a turn of the tension adjusting nut can make the difference between safe clamping force and unsafe clamping force



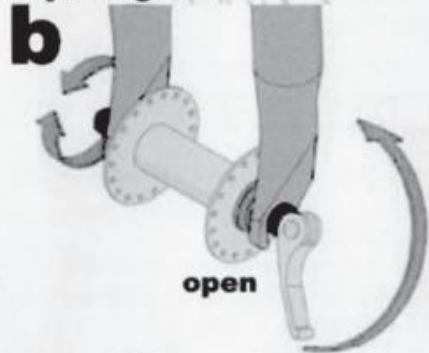
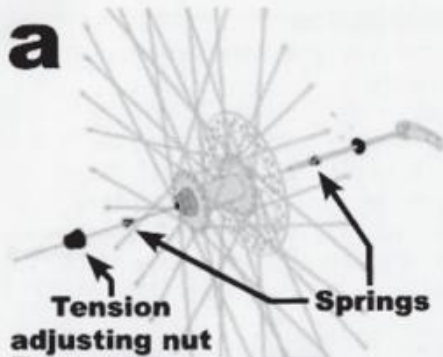
1. With the quick release clamp in the OPEN position, insert the seatpost, with saddle attached, into the bicycle's seat tube.
2. Swing the quick release lever into the CLOSED position
3. Grab the saddle with both hands and attempt to rotate it (and thus rotate the seatpost in the seat tube).
4. You If are able to force the seatpost out of alignment with the frame, the seatpost clamp needs to be adjusted. Holding the quick release lever in the OPEN position with one hand, tighten the tension adjusting nut with your other hand about 1/2 turn clockwise
5. Attempt to swing the lever into the CLOSED position. If the lever cannot be pushed all the way to the LOSED position (figure b), return the lever to the OPEN position, then turn the tension adjusting nut counterclockwise one-quarter turn and try tightening the lever again. Repeat steps 3, 4 & 5 until proper quick release tension is achieved

Front Wheel - Quick Release

Installing a quick release front wheel

In a quick release system, the wheel hub is clamped in place by the force of the quick release cam pushing against one dropout and pulling the tension adjusting nut, by way of the skewer, against the other dropout. The amount of clamping force is controlled by the tension adjusting nut. Turning the tension adjusting nut clockwise while keeping the cam lever from rotating increases clamping force; turning it counterclockwise while keeping the cam lever from rotating reduces clamping force. Less than half a turn of the tension adjusting nut can make the difference between safe clamping force and unsafe clamping force.

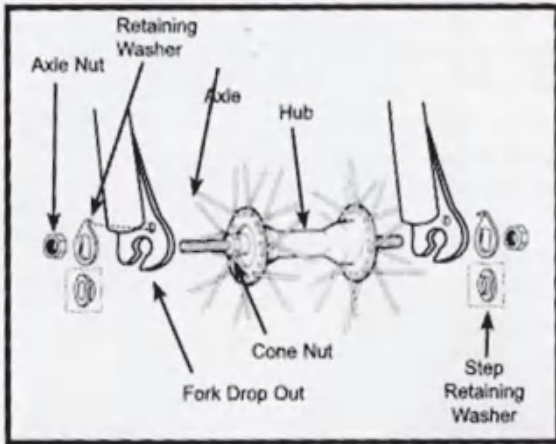
1. Remove the tension adjusting nut and one of the small springs, then slide the quick release skewer through the hub. If your bicycle has a disc brake, insert the skewer starting on the side with the brake rotor. Replace the spring and tension adjusting nut (fig a).
2. If your bicycle has rim brakes, disengage them to increase the clearance between the tire and brake pads.
3. Install the wheel into the dropouts, making sure the quick release lever is on the left side of the bicycle.
4. Holding the quick release lever in the OPEN position with one hand, tighten the tension adjusting nut with your other hand until it is nger tight against the fork dropout:
5. While pushing the wheel rmlly tdithe top of the slots in the fork dropouts, and at the same time centering the' wheel rim in the fork, move the quick-release lever upwards and swing it into the CLOSED position (fig b & e The lever should now be parallel to the fork blade and curved toward the wheel. To apply enough clamping force, you should have to wrap your ngers fround the fork blade for leverage, and the lever should leave al clear imprint in the palm of your hand,



Wa Rnin G: securely clamping the wheel takes considerable force. If you can fully close the quick release without wrapping your fingers around the fork blade for leverage, and the lever does not leave a clear imprint in the palm of your hand, the tension is insufficient. o pen the lever; turn the tension adjusting nut clockwise a quarter turn; then try again.

6. If the lever cannot be pushed all the way to a position parallel to the fork blade, return the lever to the OPEN position. Then turn the tension adjusting nut counterclockwise one-quarter turn and try tightening the lever again.

7. Re-engage the brake to restore correct brake pad-to-rim clearance; spin the wheel to make sure that it is centered in the frame and clears the brake pads; then squeeze the brake lever and make sure that the brakes are operating correctly.



Front Wheel - Bolt-on installation

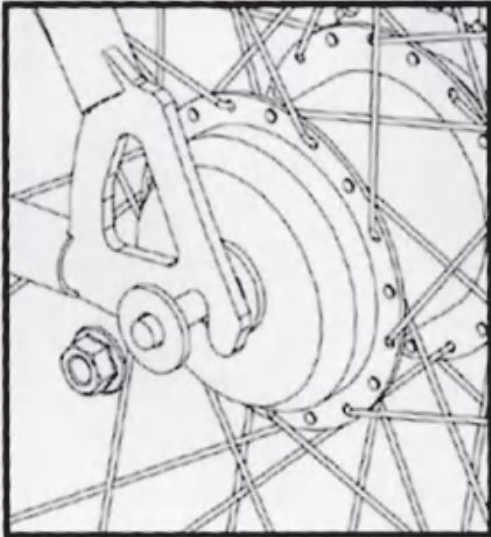
1. Make sure the brakes are loose enough to allow the wheel to pass through the brake pads easily.
2. Place wheel into fork dropouts.
3. Install retaining washers with raised lip pointed towards the fork, and insert into the small hole of the fork blade. NOTE: some bikes may have step retaining washers in place of the retaining washer (shown in dotted box). If so, install the step retaining washer, raised portion sliding in to the fork dropouts
4. Install axle nut and tighten. Make sure the wheel is centered between the fork blades.
5. Spin the wheel to make sure that it is centered and clears the brake shoes. Tighten the brakes if necessary.



It is very important to check the front wheel connection to the bicycle. Failure to properly tighten may cause the front wheel to dislodge.

Rear Wheel - Bolt-on installation

1. If the bicycle has rim brakes, make sure the brakes are loose enough to allow the wheel to pass through the brake pads easily. For disc brakes, no adjustment is required.
2. Place the wheel into the frame dropouts.
3. Slide a washer onto each side of the axle
4. Install axle nuts and tighten. Make sure the wheel is centered in the frame. This may be easiest with the bike turned upside-down.
5. Spin the wheel to make sure that it is centered and clears the brake shoes. Tighten the brakes if necessary





Frame Sizing Guide

Approximate Rider Leg Length	Suggested Frame Size for Racing/touring Bicycle	Suggested frame Size for Mountain, Hybrid, Comfort, or Cruiser Bicycle
61-69cm / 24-27 inches	50cm / 19.5 inches	37cm / 14.5 inches
66-76cm/26-30inches	55cm / 21.5 inches	43cm / 17 inches
71-79cm/28-31 inches	57cm/ 22.5 inches	45cm / 18 inches
76-84cm /30-33 inches	60cm / 23.5 inches	50cm / 19.5 inches
79-86cm /31-34 inches	63cm / 25 inches	52cm / 20.5 inches
81-89cm /32-35 inches		53-56cm / 21-22 inches
86-94cm /34-37 inches		58-60cm / 23-23.5 inches

The power assisted mode match with the gear shift to achieve the riding experience of labor-saving and power saving.

In the setting of power assist riding, on few slopes and good road conditions, it is recommended to match with variable gears, 7-6 high-speed gears, with the best power-saving effect and speed ratio.

In case of large slope road conditions, gear 4-7 is adopted, which can easily and effortlessly climb the slope.

Riding with power assisted mode , if use speed shifting & climbing mode on flat road will waste electric power and accompany with the feeling of empty treading.

5 PAS Grades	Labour power	Motor power	Effect
PAS 0	100%	0	Cycling for exercise
PAS 1 ~ PAS 2	70%~80%	20%~30%	Slight power assist makes exercise easier
PAS 3	50%	50%	Use power assist to ride faster and farther
PAS 4 ~ PAS 5	20%~30%	70%~80%	Fast cycling, labor saving

Maintenance and use skills of electric bicycle.

The maintenance methods of electric bicycle under different use conditions mainly include the following points.

1,Influence of temperature.

Temperature has an impact on the use of lithium batteries. Generally speaking, the impact on the use of lithium batteries at room temperature is not significant, but when the temperature is higher than 40 ° C or lower than - 10 ° C, the discharge capacity of lithium batteries will change.

For example, if the temperature is below 0 ° C in winter, the effect will be affected. When the battery is fully charged, the driving mileage will be shortened, because under this condition, the battery capacity can only be released by 60% - 70%. Therefore, the driving mileage when the battery is fully charged in winter will be much less than in summer.

Maintenance method.

A,When the temperature is low in winter, the battery should be placed indoors, and the charging should also be carried out indoors. After the battery is fully charged, the charging time should be extended for another two hours.

B,In summer, avoid the sun exposure of batteries. Avoid charging the battery at high temperature. Avoid charging the battery immediately after use in high temperature. Do not charge for too long. The battery needs to be charged for another one or two hour after the red indicator turns green.

2. Use on different road conditions

E-bike is not suitable for driving on the road with bad or steep conditions. If there are many uphill on the way , we will find that the mileage of charging once will be much less than that on the flat road. When starting, uphill, loading or driving against the wind, please use the motor drive combined with human pedal to ensure the working life of your battery and motor be longer.

3,Avoid exposure to the sun and rain. Although the electric bicycle has good waterproof performance, it can still ride in rainy and snowy weather, but when passing through water puddles and ponding and other roads, pay attention to the wading height, which shall not be higher than the motor, so as to prevent the motor from damage caused by water inflow. Do not use a high-pressure water gun to wash the electric bicycle, so as to avoid damage caused by water entering the electronic parts and accessories.

4,Frequent braking is bound to be accompanied by frequent start-up, which will lead to frequent large current discharge and power cut-off of the battery, which has a certain impact on its life. Countermeasures: pay attention to safety when driving, drive at a proper speed, and try to avoid frequent braking.

LOW CARBON TRAVEL, HEALTHY LIFE