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E-BIKE USER MANUAL



ATTENTION

Please read this manual carefully before using the ketelesi electric bicycle. If you do not understand this information, or if you do not cover the issues covered in this manual, please contact the dealer.

KETELES K800 User Manual



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 .

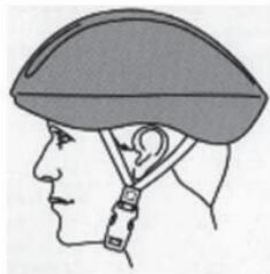
Below are points that will help you to maximize the enjoyment you get from your new hybrid electric bicycle

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.**



The Carton of the E-bike.



Open the Carton



Take the bike and accessories out



Remove the packing EPE pearl cotton



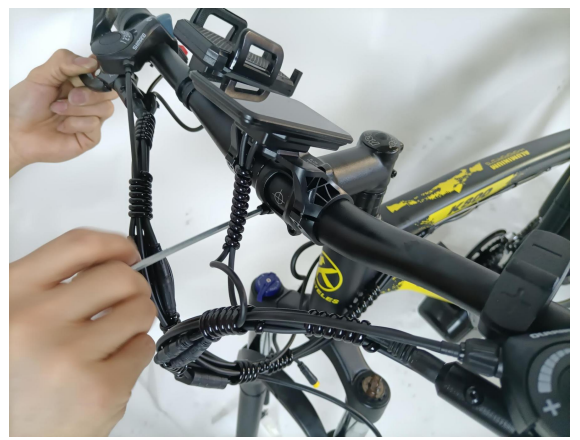
Turn the stem forward. Do not turn the whole fork. The fork brace should be facing forward.



Remove the 4 bolts



Fit the stem and handlebar together



Tighten the 4 bolts that hold the handlebar



Tighten the bolts on the other side



Handlebar installation completed



The Seat Post Clamp



Open the lever and turn the nut to loose seat post clamp



Insert the seat post into the seat tube.



Lock the clamp lever tightly



Saddle installation completed



Turn the bike upside down



The fork spacer and brake caliper spacer



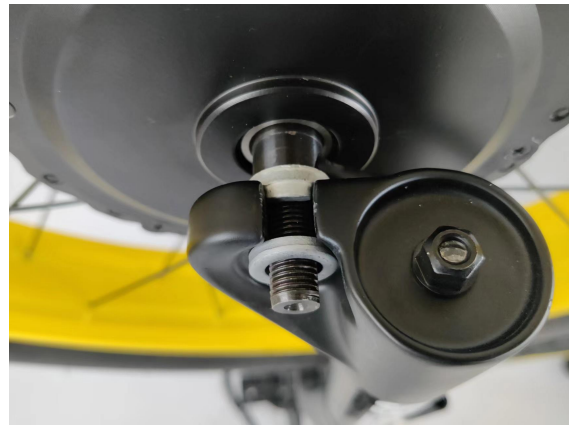
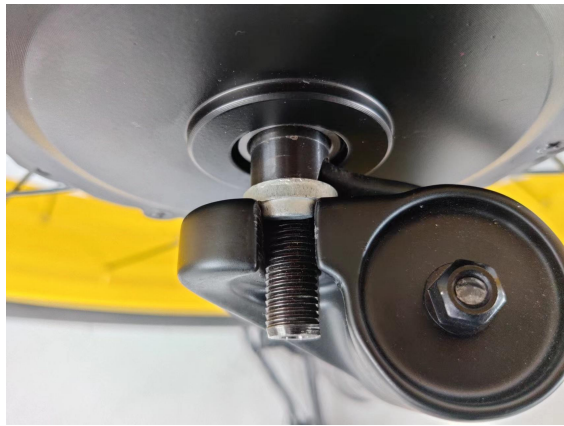
Remove the fork spacer. (it is not a part of the bike)



Put the front wheel on the fork.



The axle of the motor goes into the grooves of the fork.



Put the washers in the right places.



Tighten the nuts on both sides



Connect the inline connectors of front motor cable



Front wheel installation completed



The pedal with letter L should be fixed on the left



Turn spanner counter-clockwise to fix the pedal L



The pedal with letter R should be fixed on the right



Turn the spanner clockwise to fix the pedal R



Fix Headlight and fender to the fork brace



Fix rear fender and rear rack to the frame



Tighten the two upper bolts on both sides



Tighten the two lower bolts on both sides



Fenders and Rear Rack installation completed



Ready to install the battery



Push the battery downward and lock it



Assembly job completed



Side view of the completed e-bike



The charging port and the battery ON-OFF switch



Turn on the battery first and then press this button for 3 seconds to turn on the display



The Red switch can turn on or turn off front motor



Press button + or - can change speed grade .



The multifunctional color LCD display

Question 1: What does the display error code mean? What is the reason for it?

Answer: Except for communication errors which are actively reported by the display, all other error codes on the display are reported to the display by the controller , and the display shows them.

1> The communication error is because the display cannot detect a controller data reply within 10 seconds,

Possible reasons:

① The communication wire harness between the display and controller is not connected correctly or the wire harness is broken ;

② The protocol between the controller and the display does not match ;

③ The communication wire of the display is burned;

2> Possible reasons of Hall sensor failure : ① The motor Hall sensor is damaged; ② The Hall sensor wire is connected incorrectly or not properly;

3> Possible causes of throttle failure: ① The throttle is not in place; ② The throttle is not connected properly; ③ The throttle is damaged;

4> The motor phase position loss . Possible reasons: ① The motor phase position wire is not connected properly or correctly; ② The motor phase position wire is short circuited;

5> Possible reasons of brake failure: ① Brake is not in place ② Brake is damaged or not connected .

6> Possible reason of controller failure: controller is damaged or MOS failure .

7> Possible reason of abnormal current: controller is damaged or MOS failure .

YL-01 , YL-02 error code				
Error Code	Failure part		Error Code	Failure part
E001	Controller failure		E004	Throttle failure
E002	Communication failure		E005	Brake lever failure
E003	Hall sensor failure		E006	Motor phase loss
YL-05, KDS, YL-J error code				
Error Code	Failure part		Error Code	Failure part
E021	Current abnormal		E024	Hall sensor failure
E022	Throttle failure		E025	Brake failure
E023	Motor phase loss		E030	Communication failure

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.

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