



E-BIKE USER MANUAL





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Attention

This manual contains details of the product, information on its operation and maintenance, safety notes, and other helpful tips for owners. All users must read it carefully and familiarize themselves with the below-mentioned information before using the product to ensure safe use and prevent tragic accidents. Failure to review this information may lead to injuries or death.

Make sure to read all provided component manuals along with this Ebike manual before use. Make sure to retain this manual along with any other documents included with your Ebike for future reference.

As it is impossible to anticipate every situation or condition which can occur while riding, this manual makes no representations about the safe use of Ebike under all conditions. Therefore, unforeseen risks associated with the usage of any Ebike are the sole responsibility of the rider.

All content in this manual is subject to change or withdrawal without notice. QRONGE makes every effort to ensure the accuracy of its documentation and assumes no responsibility or liability if any errors or inaccuracies appear within.



Notice

Initial assembly and adjustment of your QRONGE Ebike may be challenging and should be assembled with two people. Pay special attention to areas marked by this Caution Symbol and all information in this manual beginning with NOTICE.

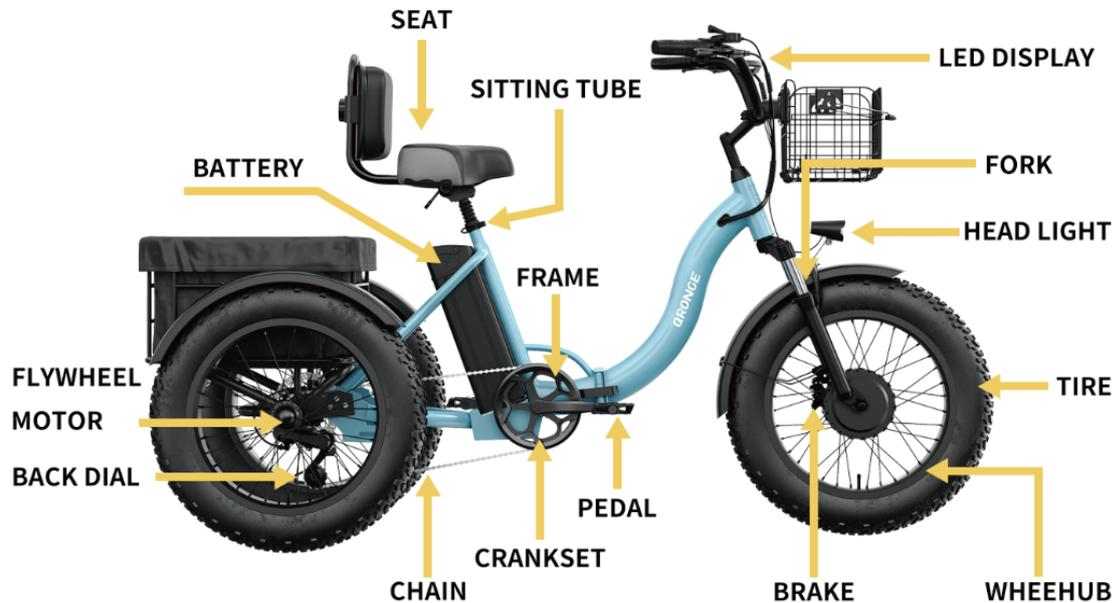
As a parent or guardian, you are responsible for the activities and the safety of your children. The QRONGE Cruiser is not designed for use by children.

The maximum design speed of this electric bicycle does not exceed 25 km/h.



Safety Precautions

1. This user manual is only used for reference purposes and cannot be used as an inspection reference. The images shown in this manual may differ from your actual model.
2. Due to technical improvements, we reserve the right to change the specifications without notice.
3. The electric tricycle has a maximum speed limit. For safety reasons, it is strictly forbidden to adjust, or try to reprogram, the electric tricycle.
4. Make sure to perform a safety check before each ride, brakes etc.
5. Only people who have read and understood these operating instructions for this tricycle are allowed to ride.
6. Make sure all screws are tight and your Ebike is set up correctly before riding and conduct regular check-ups.
7. Like riding a bicycle, riding an electric tricycle also has the risk of injury and damage. If you choose to use an electric tricycle, you will have to bear such risks, so you need to understand the rules of safe riding and maintenance. Proper use and maintenance of your electric tricycle can reduce the risk of injury.
8. Riders should have good physical coordination, reaction, and mental abilities, and be able to cope with road conditions
9. Keep your Ebike in safe conditions, inspect and maintain your E-Bike regularly to ensure a longer product life for your QRONGE E-Bike.
10. Please note that the recommended maximum rider weight is 350LBS. To avoid overloading, do not carry too much weight and do not ride too fast.



Step 2: Unfold and Secure the Frame



Unfold the frame.



Secure the frame as shown in the picture.



Adjust the tightness according to the actual situation.



Tighten the folding clamp.

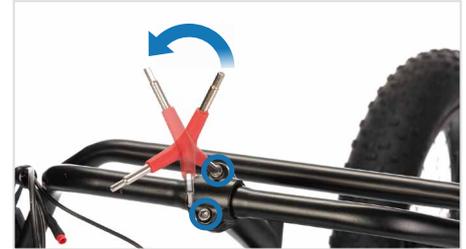
Step 3: Handle Assembly



Installation of bowl group.



Attach the handlebar to the stem bar.



Loosen 2 bolts.



Adjust the angle of the handle.



Tighten all 2 bolts to secure the handle.

Step 4: Installation of the Display



Remove the screw from the display.



Assemble the display onto the left handlebar and tighten it.



Finished, the effect shows.

Step 5: Install the Front Wheel



Remove the bumper from the front forks.



Secure the body and mount the front wheel on the front forks.



Tighten the nuts in the order shown in the pic



Tighten the screws on both sides with a wrench.



Cover the sides with adhesive caps.



Connect the motor wires: On the side of the front wheel, connect them according to the arrows on the two motor wires.

Step 6: Install the Front Mudguard and Front Lights



Remove the washer and screws from the front fork.



Align the screw holes on the fender with the screw holes on the fork and tighten them.



Remove headlight washer and screws.

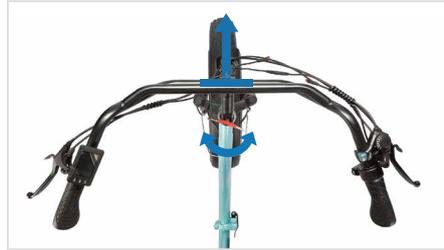


Align the front light with the installation-position of the front fork. Adjust to the appropriate angle and tighten the screws to complete the headlight.

Step 7: Handlebar Calibration



Open the screw cap on the handlebar.



Tighten the nut in the handlebar.



Finished.

Step 8: Install the Front Basket



Remove the 2 screws and 4 nuts from the front basket holder.



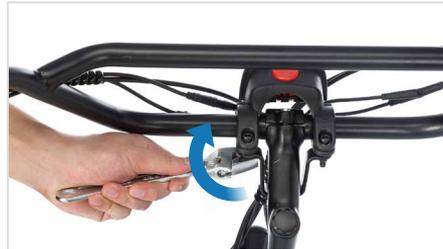
There are two #1 nuts and two #2 nuts as shown in the diagram.



Place the front basket frame on the handlebars in the position shown in the illustration, and place and tighten the #1 nut.



Attach the front basket retainer to the drive.



Place the #2 flat nut in and tighten with a wrench to secure.



Install the basket handle onto the front-basket.



Insert the front basket into the fastener.



Press the red button and pull up the basket to remove the front basket.

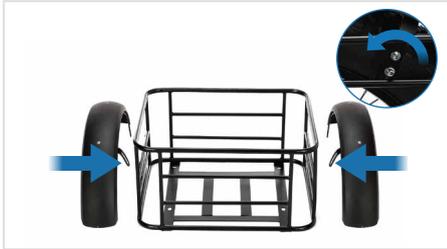


Tighten the screws to secure the front basket and prevent it from wobbling up and down.



Finished.

Step 9: Installation of rear fenders and rear rack



Attach the rear fenders to the rear luggage rack as shown in the illustration and secure them with separate screws.



Remove the 4 screws and nuts from the rear truck rack as shown.



Remove the 4 screws and nuts from the rear truck rack as shown.



Tighten the screws to secure the rear rack.



Finished.

Step 10: Install Pedals



Differentiate the left and right pedals. "L" is left and "R" is right.



Tighten counterclockwise.



Tighten clockwise.



Tire inflation as shown in the picture.

Step 11: Install the Battery



Place the battery as shown.



Turn the key as shown to start.



Each electric tricycle is equipped with two keys. Turn the key to the 'ON' position before the electric tricycle can be powered on. Turn the key to the "OFF" position, the electric tricycle is in a locked state, and others cannot take away your battery or ride the electric tricycle. Take out the battery: Turn the key to the "OFF" position, then push the key inward, turn it counter-clockwise to 'UNLOCK'. Then pull out the battery upwards.

Step 12: Install the Seat



Loose the seat post clamp.



Insert the seat tube and tighten the seat clamp.



Finished.



Note: The seat tube should not be installed too high above its safety line.

Brake Parking

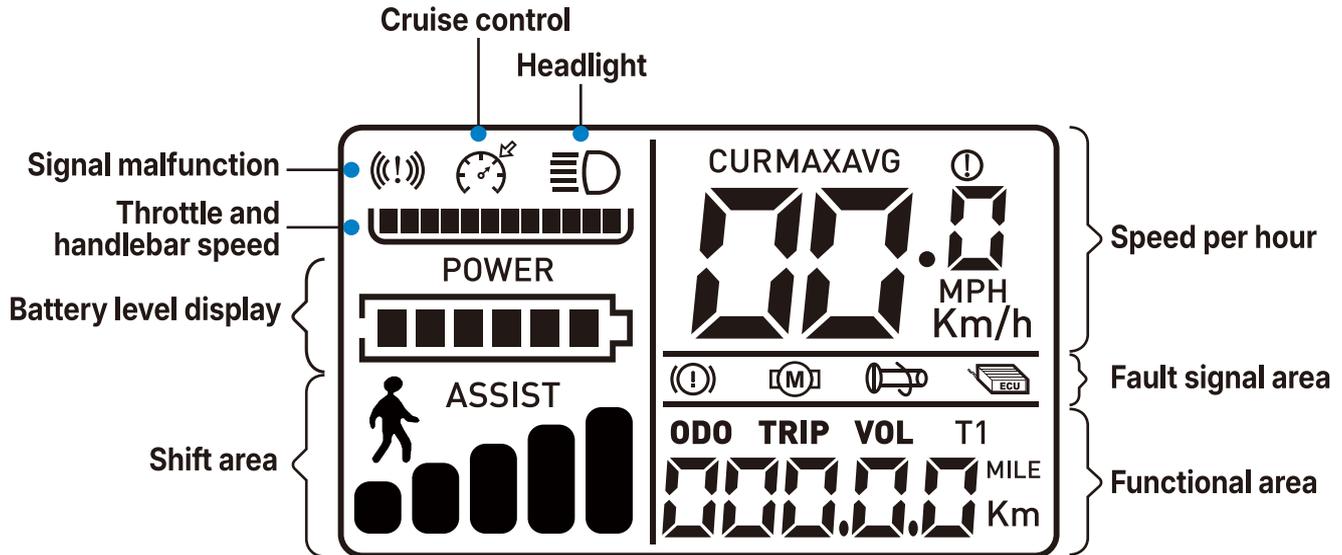


As shown in the picture, press and hold the brake while holding the parker against the brake in the direction of the arrow.



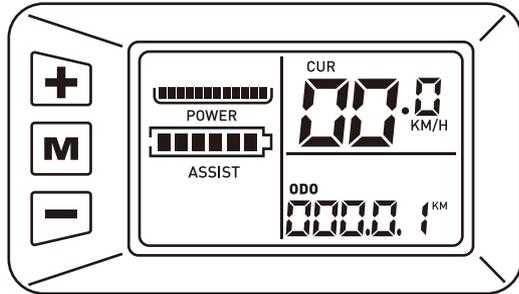
Parking complete.

Display Usage Instructions

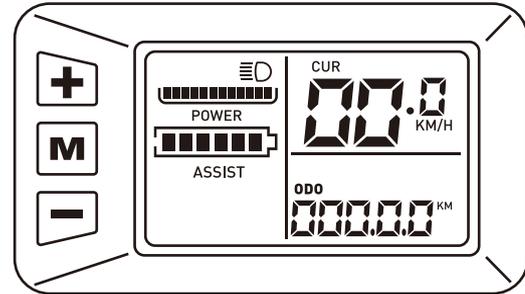


Fault signal area	 Brake malfunction	 Throttle malfunction
	 Motor malfunction	 Controller malfunction

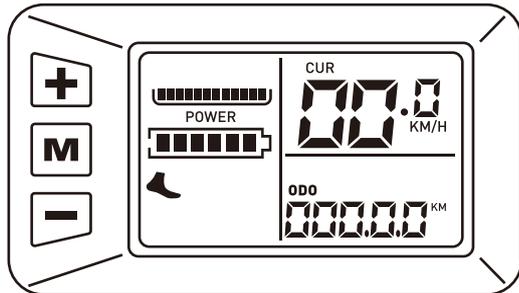
1. Press "M" 3 second to turn on or off.



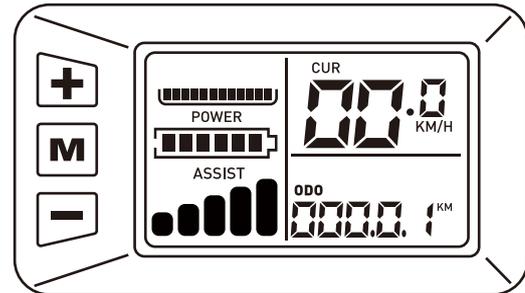
2. Press "+" 3 second to turn on the headlight.



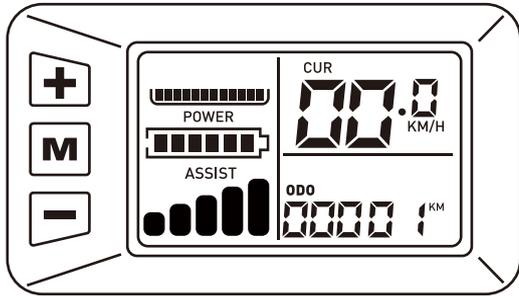
3. Press the "-" button 3 second to enter the assist mode of the vehicle, release it to exit.



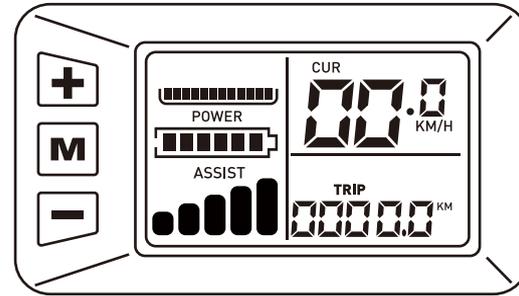
4. Click "+" or "-" to adjust the gear in different modes.



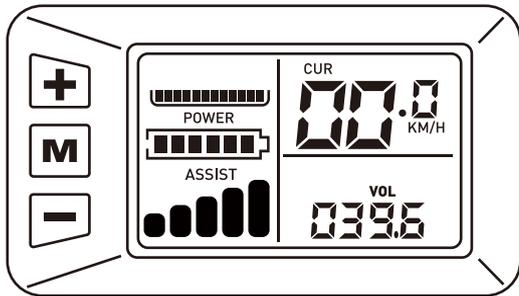
5. Press "M" to switch total mileage (ODO), single mileage (TRIP), voltage (VOL) and startup time (T1)



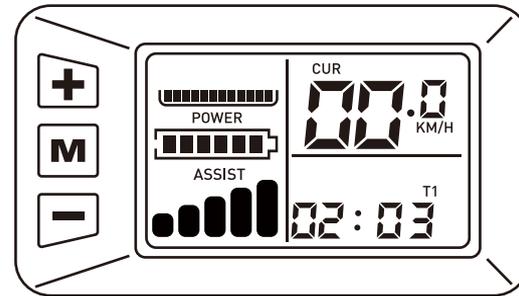
ODO



TRIP



VOL



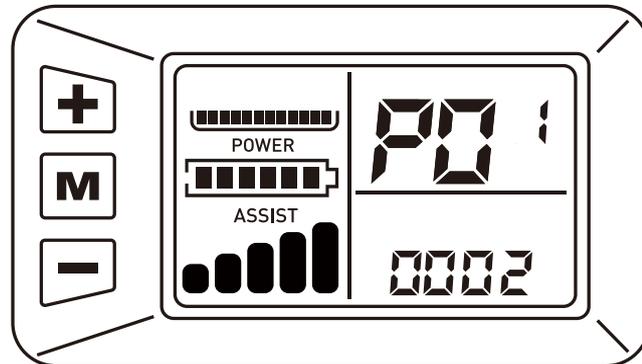
T1

6. Simultaneously press the "+" and "-" buttons 3 second to switch to the parameter settings page

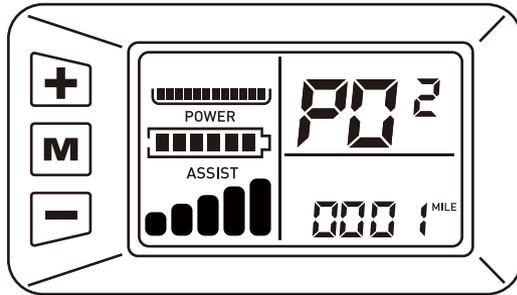
After entering the parameter adjustment page, you can adjust the parameters of each item by pressing "+" or "-"

After setting up, wait for 5 seconds and return to the main page. To continue setting the relevant parameters, press "M" after the settings are complete to enter the next project's settings.

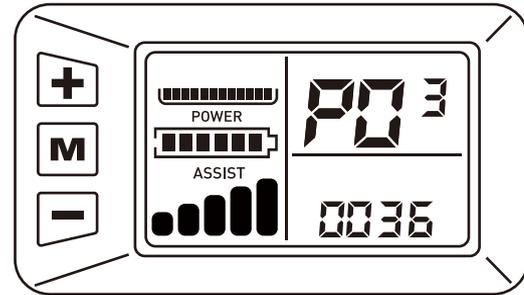
P01 is the brightness of the screen light, which can be adjusted by short pressing the "+" or "-" button. 1 is the darkest and 3 is the brightest.



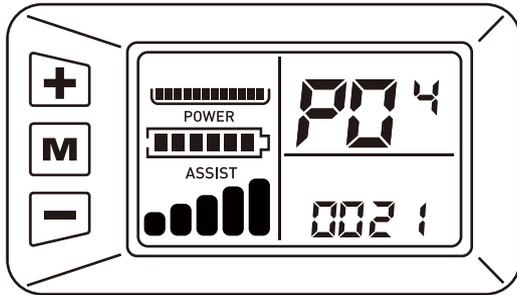
P02 is the mileage unit, which can be adjusted by short pressing the "+" or "-" button. 0 is KM; 1 is MILE.



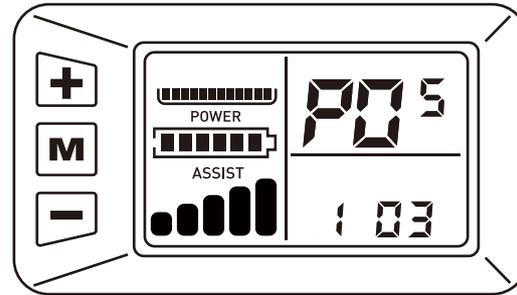
P03 is the voltage: there are 24V, 36V, and 48V respectively, with a default of 36V and no need for adjustment.



P04 is the sleep time: set the automatic shutdown time, 0 is no automatic shutdown time, and other numbers are the sleep time, ranging from 1-60 minutes; Factory default 10 minutes

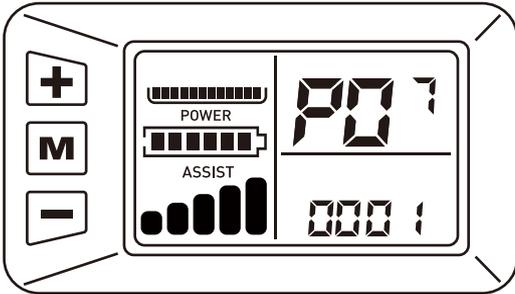
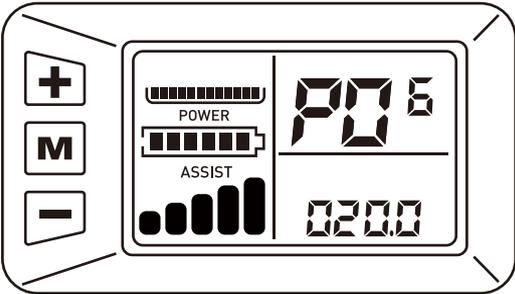


P05 is the power assist gear, with a total of 2 modes. Mode 1 has 3 gears: 1st gear 2V, 2nd gear 3V, 3rd gear 4V; Mode 2 has 5 gears: 1st gear 2V, 2nd gear 2.5V, 3rd gear 3V, 4th gear 3.5V, and 5th gear 4V.

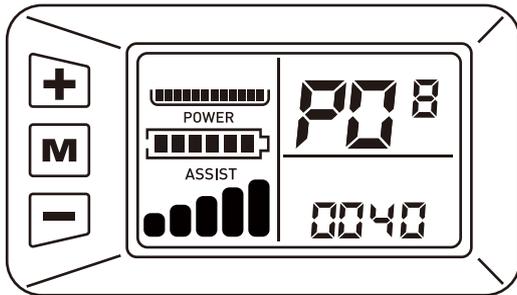


P06 is the wheel diameter in inches; Set to 20

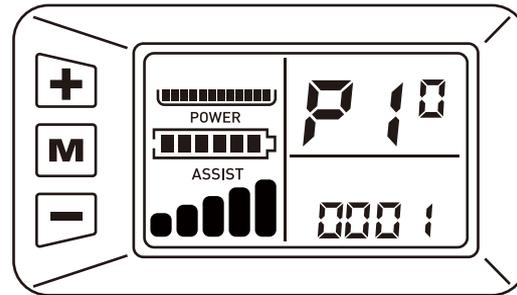
P07 is the number of speed measuring magnets, set to 1.



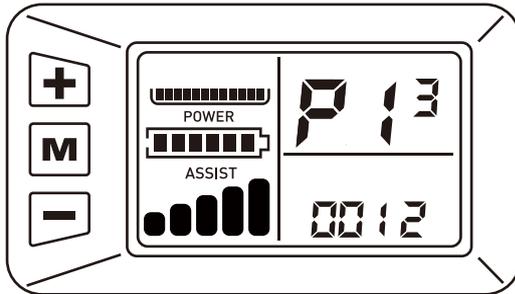
P08 is the set speed limit, 1-40km/h. The unit of this value is kilometers. After the setting is completed, the speed value displayed on the homepage will automatically convert to the correct mileage value.



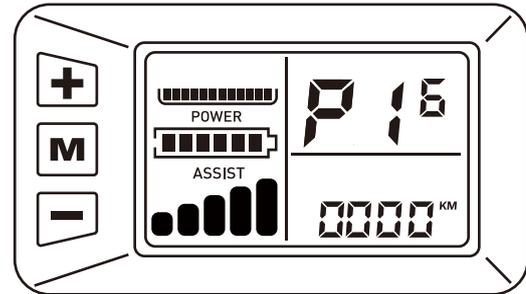
P10: Drive mode setting: 0 is power assisted drive, which determines how much power is output through the power assist gear. At this time, the throttle is invalid; 1 is throttle driven, driven by a motor, and the assist gear is invalid at this time; 2. The power assisted drive and throttle drive are shared simultaneously, and the throttle drive is invalid in the non-zero start state.



P13 is the automatic cruise control function: 0 cannot use automatic cruise control, 1 can use automatic cruise control. Even if the vehicle can maintain stable driving at the preset speed, there is no need for the driver to continuously turn the accelerator. In automatic cruise mode, pressing the brake or turning the accelerator can cancel the current automatic cruise function.



P16 Mileage reset setting: Press and hold the '+' button for 5 seconds to reset the mileage.



Final checks

Once you have completed the assembly of your tricycle, it is important to perform a final check to ensure that it is safe and ready to use. Start by standing back and assessing the overall appearance of the tricycle. Stand in front of the tricycle and ensure that the front wheel is positioned vertically in the forks, stand behind the tricycle and make sure that the rear basket is positioned approximately central to the rear wheels. Then, stand to the side of the tricycle and check that the seat angle is correct and level with the ground.

After completing the visual inspection, it is essential to go back and check all the crucial nuts and bolts to ensure that they are tight and secure (wheels, seat, handlebars, brakes etc.). It is common for some components to require adjustment after five to ten hours of operation due to bedding in, this is normal and to be expected.

It's important to perform these final checks to ensure that the tricycle is safe and ready to use.

Test ride

Note: *please read the Trike Bike Operator Guide (following) for instructions on the safe use of a tricycle.*

Pick a clear location away from obstructions and pedal off to a moderate pace, firstly testing the rear brake and then the front brake. Both brakes should work very effectively even though they are new and not bedded in correctly.

Once you are confident that you can stop correctly it is then time to go through the gears and make sure that the bike is shifting gear correctly, once this has been tested make any adjustments required to the brakes and the gear change and then head off into the wilds enjoying your new Trike Bike.

It is completely normal to make some minor adjustments to the tricycle after approximately 10 hours of use as everything settles in and the cables stretch etc, any questions please don't hesitate to contact us directly.

Charging duration

When the charger is connected, a RED LED indication light on the charger will be glowing, this shows that power is connected, and the battery is charging.

When the battery is charged for the first time, it could take up to 6-8 hours for a full charge.

When the GREEN LED indication light on the charger is glowing, it means that the battery is fully charged. When full, the charger will switch to stand-by mode to ensure that over-charging will not occur. A normal recharge will take between 2-6 hours.

This charger has protection for over-charging, but extended charging is not recommended.

The charger must be disconnected within 24 hours of reaching full charge otherwise it may affect the long-term battery performance.

Charger warnings

Keep the charger in a safe place, away from children.

Do not charge the battery with any other charger, even if it has the same plug because they all look the same, but are very different. The wrong charger will cause a battery fire!

The charger works with 240 Volts. Never open the charger, it's dangerous and can result in electrocution. Avoid the charger contacting liquids or metal objects, it will damage the charger.

Always store your charger so that it cannot suffer damage from a fall or impact. When in use, never cover the charger as this may cause, overheating, damage, or fire.

The charger is for indoor/undercover use only. Please keep it in dry and in a well-ventilated place.

If you notice a strange smell from the charger, or the charger is too hot, please stop charging and contact Trike Bike or your Trike.

Bike Dealer.

The charger must be disconnected within 24 hours of reaching full charge.

The swing cap on the charging port must be closed while your Trike Bike electric tricycle is being ridden to prevent the entry of foreign debris, water, mud etc.

Safety Information

This user manual is only used for reference purposes and cannot be used as an inspection reference. The images shown in this manual may differ from your actual model.

Due to technical improvements, we reserve the right to change the specifications without notice.

The electric tricycle has a maximum speed limit. For safety reasons, it is strictly forbidden to adjust, or try to reprogram, the electric tricycle.

Make sure to perform a safety check before each ride, brakes etc.

Only people who have read and understood these operating instructions for this tricycle are allowed to ride.

Like riding a bicycle, riding an electric tricycle also has the risk of injury and damage. If you choose to use an electric tricycle, you will have to bear such risks, so you need to understand the rules of safe riding and maintenance. Proper use and maintenance of your electric tricycle can reduce the risk of injury.

The electric tricycle is designed for people 16 years of age or older. Riders should have good physical coordination, reaction, and mental abilities, and be able to cope with road conditions and emergencies if they arise. You must also comply with age restrictions on cycling laws in your state or territory.



Trike-Bike Operator Guide

⚠ Operator Guide - Important information

Please carefully read and become familiar with this operator guide before using the tricycle to ensure safe operation and prevent potential accidents. It is important to keep this manual as an ongoing reference for product knowledge and safe riding of the tricycle, and to pass it on to any new owners or riders for reference.

This manual includes warnings and dangers related to the safe operation and potential consequences of riding a tricycle. All information in this Operator Guide should be studied thoroughly, and if you have any questions, please contact Trike Bike or your distributor/dealer immediately.

It is essential to fully understand the warnings and cautions provided in the manual as they directly relate to hazardous or dangerous situations. Although every effort has been made to anticipate potential situations or conditions that may occur while riding, this manual makes no representation about the safe use of any Trike Bike under all conditions. The risks associated with the use of this/these product/s cannot be predicted or avoided, and risk is the sole responsibility of the owner or rider.

Please note that all content in this manual is subject to change or withdrawal without notice. While Trike Bike makes every effort to ensure the accuracy of its documentation, it assumes no responsibility or liability for any errors or inaccuracies that may appear in this manual.

To enhance your safety and minimize the risk of accidents, try to steer clear of roads with other vehicles whenever feasible.

Always ride within your abilities and the conditions, especially when you are learning.

Never carry more than one person on the tricycle, as this is dangerous and illegal, unless you are using an approved child seat.

Also, never ride after consuming alcohol or taking medicines that may cause impairment.

The baskets are strong but not indestructible, so avoid overloading them with unusual shaped, heavy items that are not supported correctly in the basket base. The front basket has a capacity of 11LBS, while the rear basket can carry up to 110LBS.

For increased safety, reduced wear and tear, and reduced power consumption, it is recommended to avoid sudden starts and stops.

Pre-ride checks

- Before each day's ride, perform the following checks to ensure maximum safety:
- Normal operation of the front light, brake system, and brake lever power cut-off system if riding an electric tricycle.
- Check parking brakes are in the OFF position and released.
- Check tire air pressure, low pressure will influence both handling and speed and increase your pedaling effort and if riding electric it will decrease your range.
- Check front and rear wheels, if there is any movement anywhere then tighten before riding.
- Check the battery charge level is sufficient for the upcoming ride if riding electric.
- Check the front and rear brake system for stopping and free operation.
- Adjust the handlebars to your preferred position.
- Adjust and secure the seat into the position that suits the riders height.
- Make sure any loads are secure and not overweight or overhanging.
- If you are transporting dogs or other pets make sure they are fully protected from moving parts, have a secure floor to avoid slipping, and they are properly secured.
- Wear appropriate high visibility clothing and closed shoes that provide protection.
- Always wear a helmet



Battery and Charger Information

NOTE: FULLY CHARGE YOUR BATTERY BEFORE THE FIRST USE OF YOUR ELECTRIC TRICYCLE.

The battery can be recharged after each use if required.

There is no memory effect with lithium batteries, so you can charge the battery after short periods of riding without concern or damage.

This battery can be charged in the tricycle, or removed from the tricycle.

Only charge this battery upright, never charge upside down/inverted.

The smart charger will automatically stop once the battery pack is fully charged and enter stand-by mode. Always charge in dry conditions, preferably undercover and away from direct sunlight.

Never use any other charger than the one supplied with your tricycle.

Never discharge your battery below 10%, this can permanently damage your battery. Never leave your battery flat for any period, this will damage your battery.

If storing for longer than 30 days, fully charge the battery first. When in storage the battery must be fully charged every 60 days.



⚠ Using your charger

Switch off the power to the tricycle by turning the key to the OFF position. The battery can be charged in position, or removed from the tricycle.

Swing the charging port cover open.

Plug the charger lead into the charging port which is on the top side of the battery on the opposite side to the key position. After charging, unplug from the wall outlet first and then from the tricycle charging port.

NOTE: Always charge your battery at temperatures between 10° and 30° Celsius, and please ensure the battery, charger and cables are not damaged before charging.





Ebike Care Guide

To ensure safe riding conditions you must ensure your Ebike is properly maintained. For your safety, follow these basic guidelines and see your certified Ebike mechanic regularly.

1. Properly maintain batteries by keeping them fully charged when not in use.
2. Never immerse the bike or any components in water because this action may damage the electrical system.
3. Periodically check wiring and connectors to ensure there are no damages and the connectors are secure.
4. Clean and wipe the frame with a damp cloth soaked in a mild non-corrosive detergent mixture and dry with a cloth.
5. Store under shelter; avoid leaving the bike in the rain or exposed to corrosive materials. If you leave the bike in a wet condition, dry your bicycle afterward and apply anti-rust treatment to the chain and other unpainted steel surfaces.
6. Riding on the beach or coastal areas may expose your bicycle to corrosive salt. Wash your bicycle frequently, and wipe or spray all unpainted parts with anti-rust treatment.
7. If the hub or bottom bracket bearings have submerged in water, they should be taken out and re-greased to prevent deterioration.
8. If the paint has become scratched or chipped on any metal, use touch-up paint to prevent rust. Clear nail polish can also be used as a preventative measure.
9. Regularly clean and lubricate all moving parts, tighten components and adjust as required.
10. Damage from corrosion is not covered under warranty, give your bike special care to prevent corrosion and extend its product life.



Safety Checklist

NOTICE: it is important to carry out the following checks before riding.



COMPONENT OR CONDITION	INSPECT BEFORE EVERY RIDE	INSPECT PERIODICALLY*	CLEAN AND/OR LUBRICATE	ADJUST/TIGHTEN	REPAIR/REPLACE IF NECESSARY
The pressure(15-20PSI)	✓			✓	
Tire wear/damage	✓			✓	
Brake pad adjustment	✓			✓	
Wheel quick release adjustment	✓				✓
Head and tail lights	✓				✓
Controls and displays	✓				
Seat post quick release adjustment	✓			✓	
Brake pad wear		✓			✓
Brake cable tension/wear		✓		✓	✓
Spoke tension		✓		✓	
Wheel truing		✓		✓	
Hub bearings		✓	✓	✓	
Chain lubrication		✓	✓		
Derailleur adjustment		✓	✓	✓	
Reflectors		✓			✓
Battery and charger		✓			✓
Headset adjustment		✓	✓	✓	
Bottom bracket adjustment		✓	✓	✓	
All bolts, nuts & mounting hardware		✓		✓	✓

* Every 5 to 10 rides depending on length and conditions of ride.



Troubleshooting

If your QRONGE E-Bike is not working, check the connecting cables(near the handlebar) to make sure they are not loose or unplugged.





Disclaimer

At QRONGE, we take our customer's safety very seriously and will always advise that you carefully follow local, state, and federal laws before making a purchase with us.

- QRONGE has great capabilities and will grow with the skills of the rider to higher levels. We ask all users who of QRONGE to please be careful at all times and be responsible for the safety of themselves and others.
 - Some counties, states, towns & cities have different laws/regulations, please check with your local authorities and abide all speeds/power restriction laws when commuting on roads or places specific to limitations that are stated, e.g. parks, tracks, trails, or private areas of residence.
 - Children under 16 years of age should always be supervised by an adult. QRONGE should never be ridden by anyone under the recommended age limit.
 - Always wear a helmet, elbow and knee-pads. We recommend that you never ride with sandals or barefoot, and have athletic shoes when riding QRONGE.
- Before every ride, check and secure all fasteners and wheels for wear and tear. Replace worn or broken parts immediately.
 - Please be sensible with serious consideration and that no injury, harm, or loss is caused in any regard. We advise a basic insurance policy be obtained for riders and to speak with your local authorities before riding on roads.
 - QRONGE holds no responsibility for the actions of others once your Ebike is delivered. The result of your actions depend solely on the purchaser and the way you conduct your responsibilities. If you require any further information we are happy to advise to the best of our knowledge.

Components of the QRONGE Ebike are subject to higher wear when compared to bicycles without power assistance. This is because the QRONGE Ebike travel at higher speeds than regular bicycles with a greater weight. Higher wear is not a defect in the product and is not subject to warranty.



Notice

Once the service life of any component is exceeded, it may cause an unexpected loss of function. This can lead to serious injuries or even death. Therefore, please pay attention to wear characteristics, such as cracks, scratches, or changes in component color or operation, which may indicate that the service life has been exceeded. Worn parts should be replaced immediately.

Thanks for Riding QRONGE Ebike!



WWW.QRONGE.COM

support@qronge.com