



WEIJIA

Electric-tricycle



Operating manual

Please read it carefully before use

Foreword

This kind of electric tricycle is only limited to be auxiliary production equipment within the factory area and in the farm. Limited to one driver. If you want to drive on the highway, please understand and comply with local regulations.

Before using your electric tricycle, please read this user manual carefully. By it you can grasp the basic operating functions, usage methods, and other common knowledge of the electric tricycle. The data description, technical specifications, performance parameters, and other contents listed in this user manual are all based on the latest information of our electric tricycle. Our company has the right to modify this user manual at any time without prior notice and assumes no responsibility. We apologize for any inconvenience caused.

Please read this user manual carefully before use. Otherwise it may result in personal injury and property damage, and may void the warranty.

Safety and Warnings

If you do not follow common sense and pay attention to all safety warnings and recommendations, it may increase the risk of injury. The electric tricycle should be used carefully and please pay your attention to keep safe during operation.

Incorrect operation in some certain situations may lead to mechanical fault, rather than the manufacturer's fault. If such a situation occurs, even with the use of safety equipment and other preventive measures, you may still be injured.

Foreword

Before your formal use, please take some time to drive in a closed area to familiarize yourself with the operation and control of the electric tricycle, you can try all settings, and become familiar with all the results.

Before your each driving, check the condition of the tricycle and ensure that there are no loose fasteners, especially the axles, pedals, seats, and handlebars. Ensure that the tires are inflated to the specified range (printed on the tire sidewall) and the brakes are working properly.

- Ensure that the maximum load capacity cannot be exceeded.
- Fully understand and comply with any local laws or regulations that may affect the use in that place.
- This kind of electric tricycle is manufactured for performance and durability, but it is not undamaged.
- Before your driving first time, please read this user manual carefully.
- Before driving, please make sure to check the brakes to ensure they are working properly. If necessary, adjust the braking sensitivity. Drive only at the speed allowed by the conditions, such as slowing down on snowy or rainy days.
- Always hold the handle with both hands, unless you need to inform others that you are turning.
- Do not touch the charging port on the battery box with your hands, keys, or other metal objects in damp conditions to avoid damaging the battery terminals and causing a short circuit.
- Do not lend electric tricycle to people who do not understand the operation or have not read the instructions.

Foreword

- Do not drive electric tricycle under the influence of drugs or alcohol.
- If possible, do not drive in adverse weather conditions, low visibility, or when you are very tired.
- This electric tricycle can be used in the rain; However, it must not be submerged in water or puddles. Controllers, motors, and other electrical equipment may short-circuit, causing damage and potentially dangerous situations.
- Do not spray the tricycle directly, and do not wet electrical components (battery connectors, motors, controllers, cables, handlebar control devices, etc.)
- The driving operation is simple, but do not let underage children drive.
- Only use the provided charger (do not use other models of chargers)
- The charger is designed specifically for indoor use. Keep the charger away from water to avoid short circuits. Do not pull out the plug through the cable, always hold the metal body of the charging port.
- Do not modify the electrical system. Any change may cause fires, serious injuries, and damage to electrical systems.
- Use battery chargers only in dry areas.
- Regularly inspect the power cord, plug, housing, and other components of the charger for damage. If any damage or malfunction occurs, do not use the charger before repair or replacement.
- Do not operate chargers or charge batteries near flammable materials. Do not clean or maintain the tricycle while charging.

Foreword

Introduction

Congratulations on purchasing the WEIJIA series electric tricycle. We hope that you will enjoy your driving pleasure and safe driving.

Reading User Manual

This user manual aims to help you achieve the best performance, comfort, fun, and safety of electric tricycles. This user manual describes specific maintenance and upkeep procedures that will help you ensure trouble free use. Please pay special attention to the battery charging and maintenance section.

Read the user manual before assembling and driving the electric tricycle.

Please note that this user manual is not intended as a broad reference source for repair, maintenance, and/or repair. For further assistance, please contact the authorized WEIJIA service center.

For your and others' safety, it is strongly recommended that your electric tricycle shall be assembled and repaired/adjusted by skilled electric tricycle technicians.

Reading User Manual

Operation

Before driving, ensure that all necessary fasteners are tightened to the correct torque and charge the battery before use.

Read, understand, and follow all safety advice before driving. Avoid driving in adverse weather conditions such as raining, etc., as this may affect operation or damage electronic devices of electric tricycles.

LCD Screen

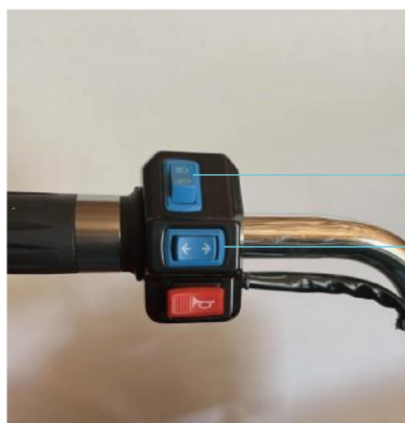


- Speed
- Electricity level
- High and low beams, Headlight
- Mileage and Voltage
- Key switch

Reading User Manual

Function switch on the handle

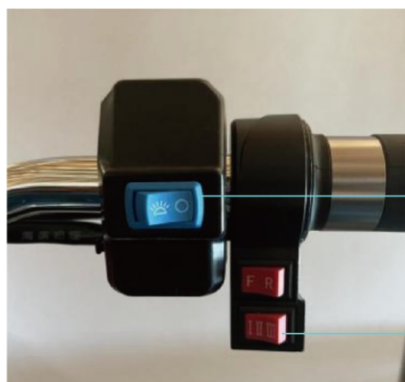
Left Handle



• High and low beam switch

• Turn Signal Switch

Right Handle



• Head light switch

• Speed Controller

Driving Notice

Pre inspection on your first driving

The electric tricycle is assembled and inspected before leaving the factory, but please thoroughly inspect the unit before the first use.

- 1 Check if the battery is fully charged and locked.
- 2 Check if the tire pressure is normal
- 3 Check and ensure that the front and rear brakes are working properly
- 4 Check the tightness of the front and rear wheels

Driving

Turn on the power switch (turn the ignition key to the "ON" position), and the LCD screen will light up, meaning that the unit has been powered on.

Ensure the switch positions for forward and reverse, rotate the speed control handle, and the motor will automatically start and start moving your electric tricycle. To stop the tricycle, use the foot brake pedal to brake. If any brake lever is pulled, the power will be automatically cut off and the motor will not work.

Driving Notice

Battery level meter

When the battery level is low, you will see it on the LCD display. It is recommended to charge it promptly when the battery indicator bar is less than 2 cells. Please turn off the power switch, only use a dedicated charger to charge the battery, and once the device is fully charged, you can use the electric tricycle again.

When parking

Turn off the power when parking and remove the key from the battery compartment. If necessary, use chain locks to further secure your electric tricycle.



Please note

Do not expose the electric tricycle to sunlight or rain for a long time, otherwise some electrical components may malfunction.



Please note

Please note that if you frequently use the brakes, frequently turn on and off the electric tricycle, drive against the wind, uphill, or bear high loads on the electric tricycle, the battery will reduce the mileage.

Driving Notice

Using motor gears for variable speed

Some models are equipped with motor gears for variable speed. Gears are used to change the ratio between the rotation of the rear wheel and the crank assembly. It slows down your driving speed and increases power when climbing hills.

Using Brake

All electric tricycle models are equipped with front and rear wheel braking systems. Brakes are used to slow down electric tricycles. The braking system may use different mechanisms, but the functionality is the same.

The brake is operated by the driver's right foot pedal and hand-brake, which simultaneously activates the front and rear wheel brakes. The driver's ability to fully decelerate and/or stop an electric tricycle largely depends on the driver's skills, the road surface being driven on, and other factors such as rain, tires, condition of adjustment and braking components, etc

Brake Usage Guidelines

To achieve optimal performance and lifespan from the braking system, please understand and apply the following technologies:

- Always provide additional braking distance and adjust the braking speed under damp conditions that reduce friction.

Driving Notice

- When using the brakes, start with lower pressure until you feel the brakes start to bite, then increase the pressure as needed. Do not overuse the brakes and cause the wheels to stop rotating – this may lead to loss of control.
- Always provide additional braking distance and adjust the braking speed under damp conditions that reduce friction.
- When using the brakes, start with lower pressure until you feel the brakes start to bite, then increase the pressure as needed. Do not overuse the brakes and cause the wheels to stop rotating – this may lead to loss of control.
- Keep the brake friction components (brake pads, brake shoes, rubber) in good condition and replace them when the wear limit is reached.
- Keep brake adjustment to effectively activate the brake, ensure comfortable position of the control lever, and ensure that adjustable components do not have excessive play.
- If the brake cannot work effectively, makes abnormal noise, or any component cannot be used or adjusted correctly, please have an electric tricycle repairman or qualified personnel inspect and adjust the brake.
- If the brake line is worn or damaged, it should be replaced by an electric tricycle technician or qualified person.

Battery and battery charging

Before charging, the power switch must be turned to “OFF” and the key removed. Please keep in a dry and ventilated environment when the charger is working.

- Firstly, please connect the output plug of the charger to the socket of the battery box correctly, and then insert the input plug into the power socket. The indicator light of the charger will light up, it means that it is charging.
- When the indicator light changes from red to green, it means that the battery is fully charged. Usually, it will take about 4–5 hours to charge the battery based on its charging status. However, if it's convenient for you, it's best to charge it for another 2 hours after the light turns green, as this can extend the battery's lifespan.
- Do not charge the battery for more than 10 hours to avoid overcharging and damaging the battery. After the light turns green, the charger is in a trickle current state and will slowly charge to try to keep the charging state. If you want to go out for a long time, you should disconnect the charger, especially in hot weather.
- During the charging process, the charger will become hot, so please keep it away from any heat source. Please always keep the charger dry and clean. Do not disassemble the charger by yourself.

Driving Notice

- After charging, please put out the input plug from the power socket, and then put out the output plug that connects the plug from the battery box. Do not let the charger charge the battery or remain connected for an extended period of time, as this may damage the charger and cause a fire.
- When charging, please keep the charger and battery out of reach of children. Do not place anything on the top of the charger during use, and prevent any liquid, metal, or metal fillers from coming into contact with the charger.
- If you do not drive electric tricycle for a long time, the battery should be charged at least once a month. This will ensure battery life. Do not use when the battery is low. Do not leave the battery in a fully discharged state for an extended period of time. The battery will continue to self discharge, causing damage.
- Avoid contacting with water when charging the battery. If the plug or socket is wet, please completely dry it before use.
- If there is any odor or high temperature during charging, please stop charging immediately and check the reason.

Maintain Equipment



Notice

Before any type of maintenance, please turn off the power switch and remove the ignition key. Perform some test drives and check if the device is driving properly and safely. Always keep the electric tricycle clean. The battery pole is firmly connected to the wire. If it is loose or dirty, it should be maintained in a timely manner to prevent efficiency reduction or pole burning.

Adjust the brake

The correct brake adjustment will make the control easier and provide higher safety.

The adjustment method of the brakes is similar to any standard electric tricycle. The normal operation of the brakes and the proper functioning of the electrical cut-off device (cable connecting the brake lever) are important. After adjusting the brakes, rotate the wheels to ensure there is no binding, and check if the motor stops working when pulling any brake lever.

Lubrication

To extend the service life, the following components of your electric tricycle should be lubricated regularly every six months

- Front Axle

Maintain Equipment

- Back Axle
- Rotating components such as front forks

For motor components, you do not need to lubricate them as they are lubricated at the factory. If you find any problems, please contact an electric tricycle expert or contact the WEIJIA authorized maintenance center.

Cleaning

Electric tricycles should be cleaned regularly, paying special attention that not to wet electrical components (battery connections, motor (rear axle), cables, handlebar control devices, etc.). When cleaning an electric tricycle, do not use a stable direct water flow in the hose. Use a cloth to avoid any electrical component short circuits. Your electric tricycle has a durable finish and does not require waxing. If necessary, clean with mild cleaning and polishing agents to restore its original shine.

For safety, longest service life, and reliability, please maintain the electric tricycle properly. Use the maintenance plan below as a guide. It is very important to check certain systems and components before each driving trip. The normal condition and functionality of these systems are very important for your safety.

Maintenance Plan

Ingredients/ Conditions	Checking before driving	Regular inspecti- ons	Cleaning/ Lubrica- tion	Adjust/ tighten/ replace as needed
Tire Pressure	●			●
Tire wear/damage	●			●
Brake adjustment	●			●
Handlebar tightness	●	●		●
Control and Display	●			
Fasteners/ Installation Hardware				●
Brake pads		●		●
Brake line wear		●		●
Charger		●		●

Maintenance Plan

Charger is an important component of electric tricycle, and the quality of chargers seriously affects the service life of batteries. The charger mainly consists of several parts, including rectification and filtering, high-voltage switch, voltage exchange, constant voltage, and charging control. This charger has a trickle effect, and the charging time should generally not exceed 10 hours, otherwise it will affect the lifespan of the charger.

When charging, the charger should be in a dry and ventilated environment; Avoid fire sources nearby when charging batteries; Do not cover the charger with anything to avoid fire. When charging, firstly connect the charging cable plug to the charging socket properly, and then plug the power plug into a regular power outlet.

After charging, the power supply to the socket should be cut off firstly, and then the output plug should be drew out from the battery box socket. Safely store the charging cable or place it in the glove compartment with the tricycle.

Warning

1

The charger must be paid attention to be waterproof and moisture-proof. It should be used or stored in a dry environment and should not be dropped heavily to prevent electric shock accidents.

2

It is strictly prohibited to touch or open the charger during charging, as there is high voltage current inside the charger to prevent electric shock and injury.

Warning

3

The charger will become heat during the charging process, so it should be charged in a well ventilated area and should not be charged near flammable or explosive materials such as carpets and wooden floors to avoid fire or explosion accidents.

4

The voltage and current of the battery must be consistent with the specifications of the charger during charging, and the polarity of the charger output plug should be consistent with the polarity of the battery pack output plug, otherwise it will damage the charger and battery.

5

When the charger indicator light cannot change color for a long time (more than 8 hours) and remains in a red indicating signal state, charging should be immediately stopped and sent to the maintenance service department for inspection.

6

When the charger malfunctions, it must be repaired by professional person.

Maintenance of the battery

The use and maintenance of batteries

The battery of this model is installed below the carriage.

This battery has a large capacity, low self discharge, high energy, long service life, and is safe and reliable, making it an ideal power type battery. Before using the battery, please carefully read the battery usage instructions.

Maintenance of the battery

1

The battery of the new tricycle is in a state of 40–60% charge before leaving the factory. If the factory time is short, users can directly install and use it. If the production time is longer (more than 2 months), users should recharge the battery before use. After 7–8 hours of charging, the green indicator light on the charger will light up, indicating that the battery is fully charged and can be charged.

2

The battery adopts a technologically advanced fully enclosed energy-saving design, which makes the battery maintenance free and safe and environmentally friendly. Its service life is significantly longer than traditional batteries, and the driving range is greatly increased.

3

Batteries should not be placed in sealed containers, close to open flames, thrown into flames or submerged in water, and direct exposure to sunlight is strictly prohibited.

4

If the battery shell is found to be cracked or leaking, the battery must be replaced

5

If the tricycle is not in use for a long time, check the battery level regularly every month and charge it in a timely manner to avoid battery depletion and shorten battery life.

Maintenance of the battery



Special Attention

1

Batteries should be stored in a dry, cool, and shaded area, and kept upright to avoid being squeezed by heavy objects.

2

It is advisable to maintain the ambient temperature between 0C and 35C during charging, and maintain good ventilation. Lower temperatures will affect charging efficiency, while higher temperatures can easily cause changes in charger parameters, even leading to thermal runaway and over charging of the battery.

3

Please do not throw waste batteries at will to avoid polluting the environment; The waste batteries of tricycle shall be collected by our company, distributors, or government designated outlets.

Guarantee

If the following conditions are met, we guarantee that there will be no possible manufacturing defects:

- The tricycle has been completely assembled correctly.
- The tricycle is used for its intended purpose under normal conditions.
- The tricycle accepts all necessary maintenance and adjustments.
- The tricycle is only used for general transportation or entertainment purposes.

Guarantee

The content covered by the limited warranty of this tricycle

Base Frame	1 Year	Motor	2 Year
Controller	2 Year	Battery	1 Year

Content not covered by the limited warranty of this tricycle

- When electric tricycles are used carelessly or damaged due to traffic accidents.
- Lost caused by speeding or overloading is not covered by the warranty;
- Over time, all batteries will and do lose capacity, and capacity loss is not covered by the warranty. What other items are not covered by the battery warranty; If you do not regularly charge the battery, the battery is idle for more than 3 months, and if you damage the charger or battery due to improper use.
- When your battery starts to lose capacity and runs a shorter distance, it is not covered by the warranty.

Damage caused by normal wear and maintenance. Parts that are not covered by warranty under normal wear and tear include:

Tires, inner tubes, brakes, brake pads, bottom brackets, and general adjustments (please have an electric tricycle repairman regularly serve your electric tricycle).

Guarantee

- Rust and corrosion on electric tricycles are not covered by the warranty
- Damage caused by external factors is not covered by the warranty
- Any slight scratches, marks, or defects will not be covered.
- We are not responsible for any incidental or indirect losses or damages caused directly or indirectly by the use of this tricycle.

Warranty and repair claims

To apply for warranty, please provide proof of purchase and contact us via the email or phone listed below.

The cost of sending and returning the electric tricycle shall be borne by the customer.

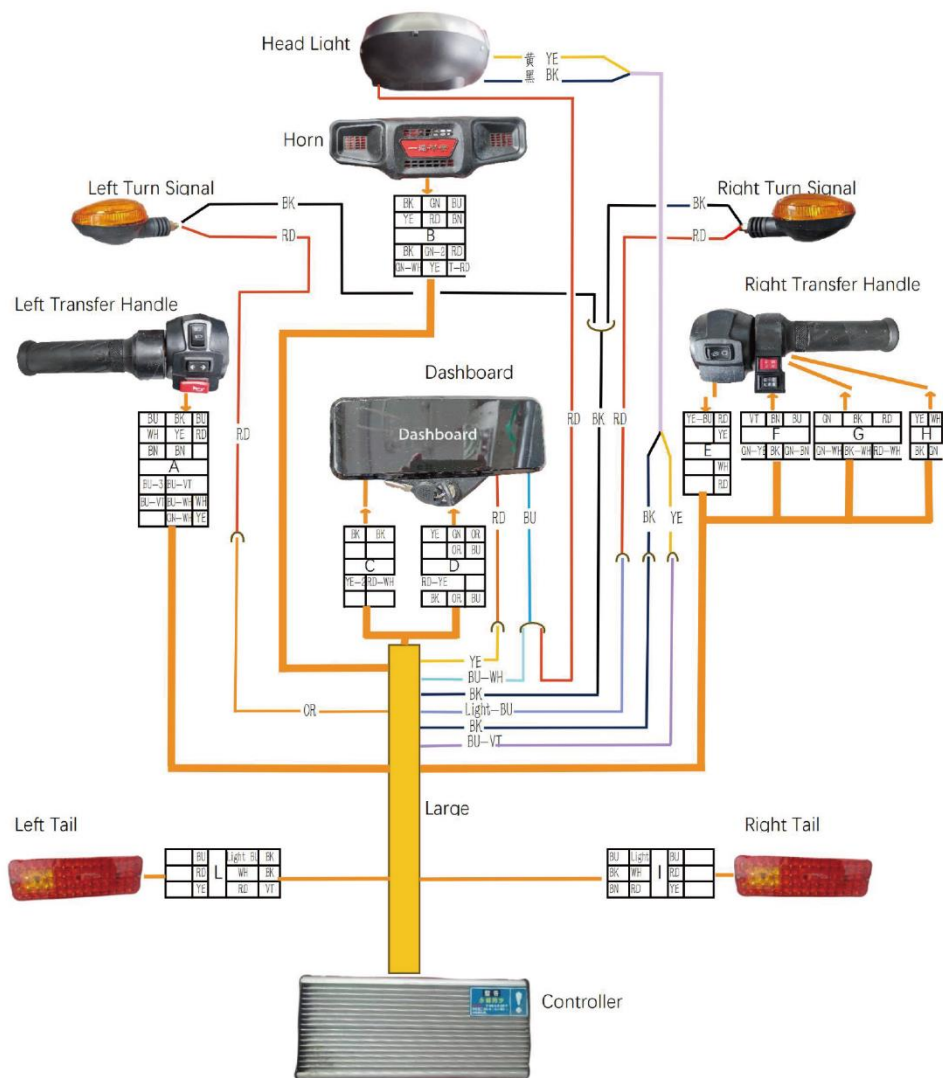
The maximum warranty repair time may take 60 days, depending on the availability of replacement parts. If there is a delay due to the nature of the repair, or if there is a delay beyond our control, we will notify you and do everything possible to limit the turnover time of your product.

Other repairs

All electric tricycles that are not covered by the warranty can also be repaired at an authorized service center, and the cost will be borne by the customer.

If you would like to purchase any parts, please contact us.

Photos



Farm Specific Tricycle Electrical Diagram

Photos



1.Three specifications for your various applications.



2.Front spring shock absorber for your comfortable riding.



3.LED headlight for your brighter and farther shine.



4.Flappable hopper for your convenient unloading and cleaning.

Photos



5.LCD Display for your clearly look.



6.Double beam for your stronger car-body.



7.LED tail light and turn light will for your safer riding.



8.Graphene patent battery for your durable use.



Make riding better!

Company: Yantai Weijia International Trade Co.,Ltd.

Web : <http://www.yt-weijia.com/en/>

Mail Box : michelle.du@yt-weijia.com

Tel : 86-535-6586218