

Electric Bike GT73Pro



User's Manual

Original Instructions

This image is for reference only. Before using this product, please read this manual carefully. Important! Please read carefully and keep it for future reference.

Welcome

Join the Riding'times community of riders wherever you are!

This is just the beginning of your adventure with us! We look forward to hearing about your experience and seeing you online on our social networks:

Facebook Group Name: Riding'times Global Group

Group Link: <https://www.facebook.com/groups/1331441984237849>

Tag us! @Ridingtimes #Ridingtimes



Assemble your bike

YouTube account name: Riding'times Global

Link: [Youtube.com/@ridingtimesamazon6449/playlists](https://www.youtube.com/@ridingtimesamazon6449/playlists)

Contact Riding'times

After-sales Service Center Email: Support@riding-times.com

(In order to improve communication efficiency, please attach your order number + main issue + relevant pictures/videos in the email)

CUSTOMER SERVICE

EN: Our product technology is already very mature, with 20 years of trade, we have distributors all over the world who can provide you with the most localized and professional technical support within 24 hours.

DE: Unsere Produkttechnologie ist sehr ausgereift, mit 20 Jahren Handel haben wir weltweit Vertreter, die Ihnen innerhalb von 24 Stunden die bestmögliche lokalisierte und professionelle technische Unterstützung bieten.

FR: Notre technologie de produit est déjà très mature, avec 20 ans de commerce, nous avons des distributeurs partout dans le monde qui peuvent vous fournir le soutien technique le plus localisé et professionnel dans les 24 heures.

IT: La tecnologia dei nostri prodotti è già molto matura, con 20 anni di commercio, abbiamo distributori in tutto il mondo che possono fornirti il supporto tecnico più localizzato e professionale entro 24 ore.

ES: Nuestra tecnología de producto ya es muy madura, con 20 años de comercio, contamos con distribuidores en todo el mundo que pueden brindarle soporte técnico altamente localizado y profesional en un plazo de 24h

NL: Onze producttechnologie is al zeer volwassen, met 20 jaar handel hebben we distributeurs over de hele wereld die u binnen 24 uur de meest lokale en professionele technische ondersteuning kunnen bieden.

 If you need to return the product, please contact your dealer first and return it in its original packaging.

Return Shipping Fee Reimbursement

After initiating a return request, Please contact the seller via email first. Once approved, the seller will provide a prepaid return label. Returns not approved via email communication won't qualify for shipping fee reimbursement.

CERTIFICATIONS

Federal Communications Commission (FCC) Compliance Statement for USA



This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation .

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception.

Which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TY technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

European Union Compliance Statement Battery recycling information for the European Union



Batteries or packaging for batteries are labeled in accordance with European Directive 2006/66/EC concerning batteries and accumulators and waste batteries and accumulators.

The Directive determines the framework for their turn and recycling of used batteries and accumulators as applicable throughout the European Union.

This label is applied to various batteries to indicate that the battery is not to be thrown away, but rather reclaimed upon end of life per this Directive.

In accordance with the European Directive 2006/66/EC, batteries and accumulators are labeled to indicate that they are to be collected separately and recycled at end of life.

In accordance with the European Directive 2006/66/EC, batteries and accumulators are labeled to indicate that they are to be collected separately and recycled at end of life.

The label on the battery may also include a chemical symbol for the metal concerned in the battery (Pb for lead, Hg for mercury, and Cd for cadmium).

Users of batteries and accumulators must not dispose of batteries and accumulators as unsorted municipal waste, but use the collection framework available to customers for the return, recycling, and treatment of batteries and accumulators.

Customer participation is important to minimize any potential effects of batteries and accumulators on the environment and human health due to the potential presence of hazardous substances.

Restriction of Hazardous Substances Directive (RoHS)

RoHS Our products sold in the European Union, on or after 3 January 2006 meet the requirements of Directive 2011/5 EU on the restriction of the use of certain hazardous Substances and electrical and electronic equipment ("RoHS recast" or "ROHS 2*").

Europe-European Union Notice



This products with the CE alert marking comply with the rules issued by the Commission of the European.

SAFE OPERATING

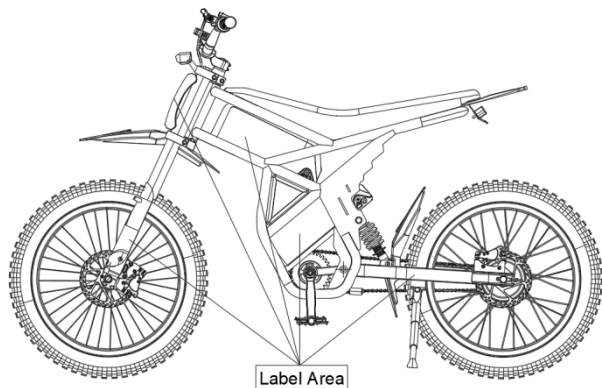
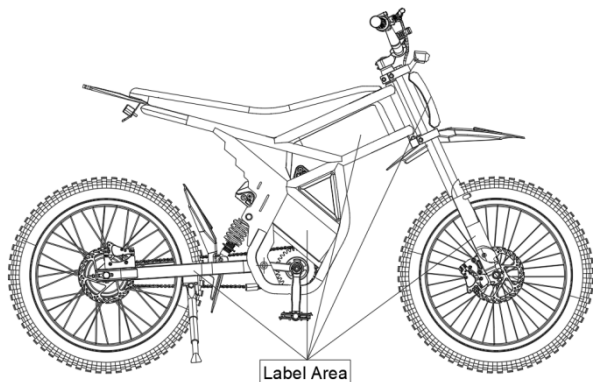
Even if you are an experienced bike rider, all riders should read and understand this manual before using an electric bike. For your safety and to avoid serious injury or death, please closely review the following safety tips for safe operation of your Electric Bike.

GENERAL INFORMATION | READ THIS BEFORE YOUR FIRST RIDE

- This E bike is a leisure device. But once they're in a public area, they'll be seen as vehicles, subjecting to any risks faced by vehicles. For your safety, please follow instructions in the manual and traffic laws and regulations set forth by government and regulatory agencies. For example, setting the max. Please note that We are not responsible for any financial loss, physical injuries, accidents, legal disputes, or other conflicts of interest resulting from actions that violate user instructions and local regulations.
- Always wear an approved helmet whenever riding this product.
- Inspect the bike before each use, making sure the correct setup and tightening is done on your bike before using it for the first time. Check the brake function, handlebar grips, tightening and lubricating components regularly.
- Check the operation of the brake motor cutoff before each ride. The brake system, when properly functioning cuts off power to the motor whenever the brakes are squeezed.
- Always use the lowest pedal assist level, or lightest throttle, until you are comfortable with the bike and feel confident with the equipment.
- Users must travel at speeds appropriate for the usage area, riding conditions, and experience level.
- Only transport bikes with hitch racks, trunk racks, roof racks and rails rated for the size and weight of your bike.
- Because electric bikes are significantly heavier than regular bikes, they are not intended for large jumps or stunts of any kind. Bike frames and parts have limitations, and extreme riding should not be performed. GT73Pro assumes no liability for any accident, injuries, or property damage incurred as a result of rider's use or misuse of GT73Pro bicycles, including any damages resulting from or arising out of off-road usage.
- Do not operate the bike without the battery installed.
- Proper installation, compatibility, operation, and maintenance must be performed on all components. Failure to comply could result in serious injury or death. When installing the battery, any water or ice on the battery connector can cause the battery to burn out. The key is used to remove the battery, inserting the key into the charging port can also cause the battery to burn out. Avoid touching the two metal contacts of the battery box at the same time, as it may generate a large short-circuit current and lead to an accident. Any aftermarket changes or modifications to your bike could void the warranty and create an unsafe riding experience.
- Ride at night only if necessary. Wear reflective clothing; if possible, only bike down roads with ample street lighting. Ensure you have reflectors and lights as required by your regional vehicle laws.

- Take extra precaution when riding in wet conditions. Decrease speeds and prepare for increased braking distance. Pedals and grips will be slippery in wet conditions.
- NEVER operate your bicycle when you are under the influence of alcohol or drugs, including prescribed or over the counter medications.
- Failure to properly charge, store, or use your battery will void the warranty and may cause a hazardous situation.
- Failure to perform and confirm proper installation, compatibility, proper operation, or maintenance of any component or accessory can result in serious injury or death.
- Do not disassemble or modify the bike's components by yourself. If you are not an experienced technician. If parts need to be replaced, If parts need to be replaced, purchase standard parts from the general agency of the company.
- If you have an impairment or disability such as visual impairment, hearing impairment, physical impairment, cognitive/language impairment, and/or a seizure disorder, consult your physician before riding our bikes.
- Be careful to keep your body parts and other objects away from the sharp teeth of chain rings, moving chain, turning pedals and crank, and the spinning wheels of your bicycle.
- The bike is not designed for wading. If water level reaches the wheel hub of the rear motor, it may cause a short circuit and damage the electrical system.
- Do not lend the electric bike to someone who cannot operate it safely to avoid unnecessary damage and accidents.
- Obey traffic regulations and do not carry passengers on the bike.
- At the same time, you should understand that risks cannot be entirely avoided as others may violate traffic regulations and drive incautiously, and you're exposed to road accidents just as when you're walking or biking. The faster the bike is, the longer it takes to stop. On a smooth surface, the bike may slip, lose balance, and even result in a fall. Thus it is crucial that you use caution, keep proper speed and distance, especially so when you're unfamiliar with the place.

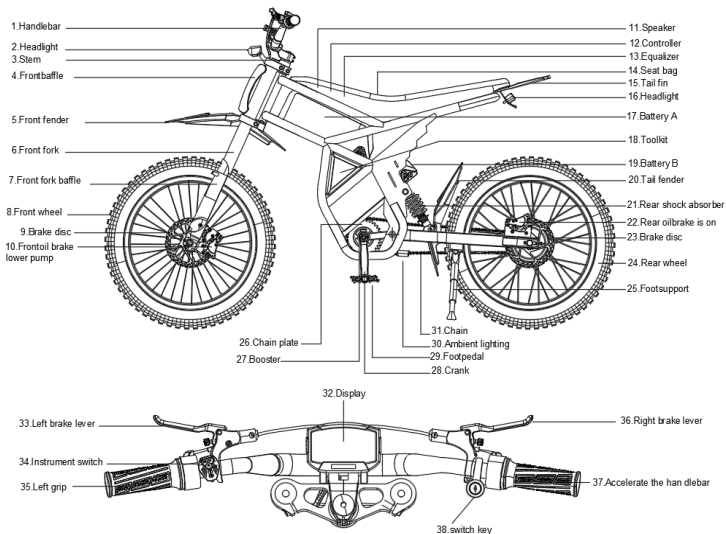
STICKER AREA



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1.COMPONENTS DIAGRAM



- * Please read and know the instructions described in the user manual carefully before using the electric bicycle and keep it for future reference.
- * Please do not dispose of this product casually, it needs to be disposed of in accordance with local recycling regulations.

2.ASSEMBLE ELECTRIC BIKE

2.1. Take out of the electric bike from the box.

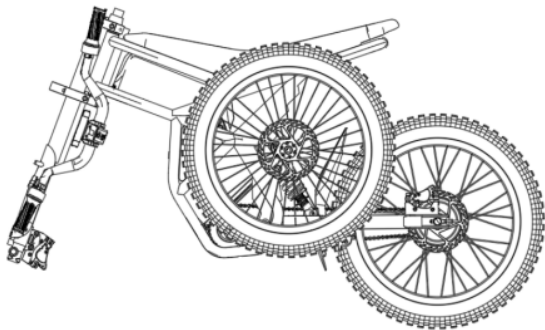


Figure 1

2.2. Assemble the handlebar: Put the handlebar into the center of the vertical bar , fasten the screws by using NO.4 Allen Wrench

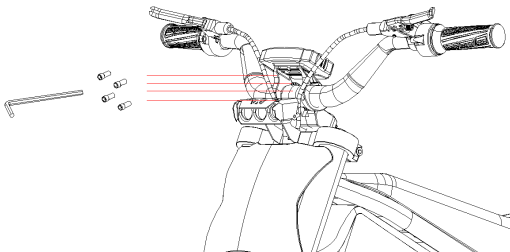


Figure 2

2.3. Assemble the pedal plate: Take out of the left and right pedal plate, “L” “is for left side and “R” is for the right side, put the pedal plate on the crank, fasten it by using the open spanner .

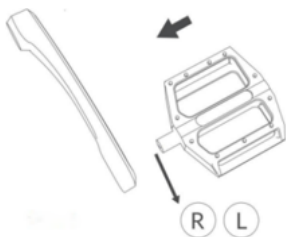


Figure2.3. 1



Figure2.3.2

2.4. Install the front fender and fix the screws with a No. 5 Allen wrench.

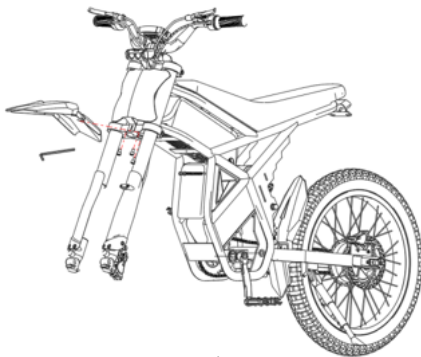
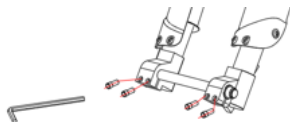
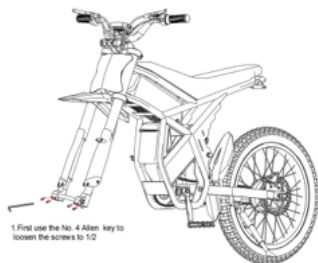


Figure 4

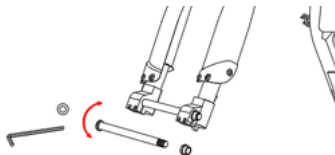
2.5. First use the No. 4 Allen key to loosen the front fork shaft hole screw to 1/2



1. First use the No. 4 Allen key to loosen the screws to 1/2



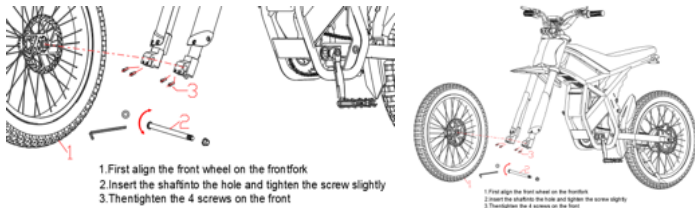
2.6. Use the No. 8 Allen key to remove the thru-axle Strength 8-10Nm



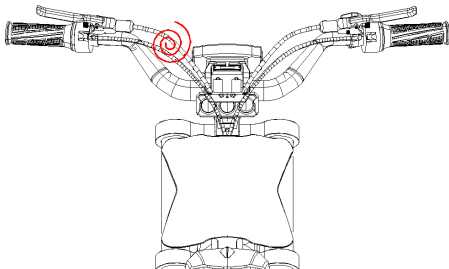
2. Use the NO.8 Allen key to take out axle



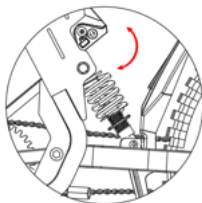
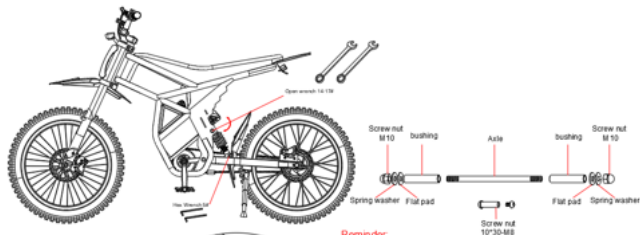
- 2.7. Install the front wheel (First align the front wheel with the front fork hole, install the thru-axle, use a No. 8 Allen key to tighten the screws slightly Strength 8-10Nm, and finally tighten the 4 pieces screws at front lower place with a No. 4 Allen key)**



- 2.8. Manage the cable harness: Take out of the winding tube from the accessory box, tie the left and right wire harnesses together.**



- 2.9. Replace the shock absorber. After assembling the entire vehicle, remove the shock absorber from the car and replace it with the 1200LBS shock absorber in the matching box to avoid affecting the riding experience of the electric bicycle.



Reminder:
Upon receiving this product and opening the package, two people are required to operate and remove the 750LBS shock absorber (this shock absorber is intended for transportation packaging and not for cycling use).



Reminder:
Replace with 1200LBS, assemble in the order shown in the picture, and finally tighten the screws.



3.PRODUCT PARAMETERS/FEATURES

3.1PRODUCT PARAMETERS

GT73PRO ELECTRIC BIKE SHEET

Model	GT73PRO
Product name	Electric bike
battery model	60V/36AH
Battery weight	About5.8 KG*2
charger	67.2V/3A*2
Charging time	Single charger 5.5-6.5
display	Digital display instrument LED
brake	Front and rear oil brakes + electronic brakes
special function	Quick release battery pack
damping	Front hydraulic double wishbone shock absorber/rear shock absorber
Tire specifications	70/100-19 off-road motorcycle tires
Weight	About56.2KG
Expand Size	1875*1166*730MM (length*width*height)
Package Size	1590*320*840MM(length*width*height)
Maximum load capacity	100KG
test environment	Outdoor 26° constant speed 25 flat road 65kg riding test
gradeability	15<
top speed	speed: 25KM/H
Maximum mileage	Maximum pure electric mileage: 110-250KM



Note: There are certain errors in the manual measurement of the above data.
The data may not be updated in time. Please understand!

3.2.PRODUCT FEATURES

- 3.2.1.** Speed mode:
- 3.2.2.** Braking method: power-off braking.
- 3.2.3.** Tail light: The light is always on when turned on, and highlighted when the brake is applied.
- 3.2.4.** MOS tube breakdown protection: Before the controller is powered on or during operation, if the D and S poles of the upper arm or lower arm of a phase MOS tube are short-circuited, the controller will stop driving and have no output. It needs to be powered on again after troubleshooting before it can work normally.
- 3.2.5.** Anti-speeding function: When the electric door lock is opened, if the voltage of the speed control handle is greater than 1.3V, or the voltage of the speed control handle changes from less than or equal to 1.3V to greater than 4.0V, the controller will have no output and the motor will not rotate. Only when the speed control handle is returned to its original position can the protection be exited. This solves the overshooting phenomenon of the brushless electric vehicle controller caused by handlebar or circuit faults and improves the safety of the system.

3.3POWER DISPLAY

1) Voltage 51.5V	The red battery level box is flashing
2) Voltage 51.5V-54V	The first grid light is always on
3) Voltage 54.0V-56.5V	The second grid light is always on
4) Voltage 56.5V-59.2V	The third grid light is always on
5) Voltage 59.2V-62.1V	The fourth grid light is always on
6) Voltage 62.1V	The fifth grid light is always on

4.BATTERY INSTRUCTIONS

4.1 Battery charging

This bicycle is an external lithium battery that can be removed and charged. When the battery is low, open the key and remove the battery. Grasp the battery tightly with both hands to prevent it from falling off, take out the charger, insert the input terminal into the power supply, and insert the output terminal 4-core into the battery charging port. Charge for 5.5-6.5 hours when the red light is on, and fully charge when the green light is on, the battery is fully charged.

4.2 Warnings

4.2.1 Load circuit may cause voltage and current, and the voltage or current may add to the pack, the voltage or current must be controlled as lower than RWV and RWI, a larger voltage or current may damage the PCM of the pack.

4.2.2 To prevent the possibility of the pack from leaking, heating fire. please observe the following precautions:

- Do not immerse the pack in water and seawater Guard against Damp.
- Do not use and leave the pack near a heat source such as fire or heater.
- When recharging, use the battery charger specifically for that purpose.
- Do not connect the pack to an electrical outlet.
- Do not discard the pack in fire or heat it.
- Do not short-circuit the pack by directly connecting the positive and negative terminal with metal object such wire.
- Do not transport and store the battery together with metal objects such as necklaces, hairpins, etc.
- Do not strike or throw the pack.
- Do not directly solder the pack or battery and pierce the battery with a nail or other sharp object.
- As installed safety device in the battery, please do not resolve or change any other sections of the battery to protect the inherent safety functions.

4.3 CAUTIONS

- 4.3.1** Do not use or leave the pack at very high temperatures (for example in strong direct sunlight or a vehicle in extremely hot conditions).
- 4.3.2** Do not use it in a location where static electricity is great, otherwise the safety devices in the pack may be damaged, which will cause hidden trouble safety.
- 4.3.3** If the pack leaks and the electrolyte get into the eyes, do not rub eyes, instead, rinse the eyes, with clean running water, and immediately seek medical attention. Otherwise, eye injury can result.
- 4.3.4** If the battery emits peculiar smell, heating, discoloration, deformation during use or storage or any abnormal phenomenon occurs during charging. immediately remove the battery from the charger or device, stop using the primary charge, and discharge to activate the battery.
- 4.3.5** In case the pack terminals art dirt, clean the terminals with a dry cloth before use. Otherwise, power failure or charge failure may occur due to the poor connection with the instrument.
- 4.3.6** Be aware that discharged batteries may cause fire or smoke, tape the terminal to insulate them.
- 4.3.7** The pack should be stored at room temperature, charged to about 40% to 60% of capacity. In case of over-discharge, the pack should be charged for one time every 3 months while storing, and batteries should be discharged and charged after being stored for more than a year in order to activate it and restore energy.
- 4.3.8** Prohibition of short circuits
Never make short-pack circuits. It generates very high current which causes heating of the cells and may cause electrolyte leakage, gassing, or explosion that are very dangerous. The LIP tabs may be easily short-circuited by putting them on conductive surface. Such outer short circuits may lead to heat generation and damage to the cell.
- 4.3.9** Mechanical shock
LIP cells have less mechanical endurance than metal-can-cased LIB. Falling, hitting, bending, etc. may cause degradation of LIP characteristics.

5. INSTRUCTIONS OF DASHBOARD

5.1. Specifications

60V power supply

Rated working current 20mA

Maximum working current 50mA

Power outage leakage current < 1uA

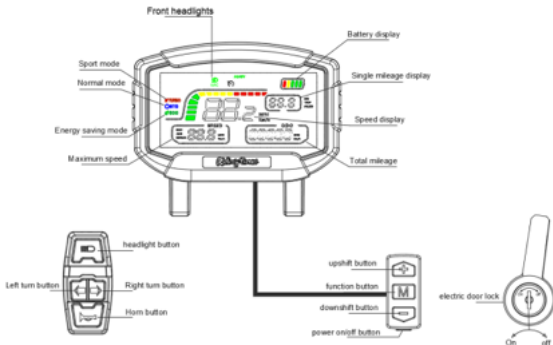
The working current of the power supply controller is 2A

Working temperature -30~60 °C

Storage temperature -30~70 °C

5.2. Overview of Instrument/Button Functions and Distribution of Functional Areas

- Front headlights
- Normal mode
- Battery display
- Total mileage
- downshift button
- headlight button
- Horn button
- Cruise control
- Energy saving mode
- Single mileage display
- upshift button
- power on/off button
- Left turn button
- Sport mode
- Maximum speed
- Speed display
- function button
- electric door lock
- Right turn button

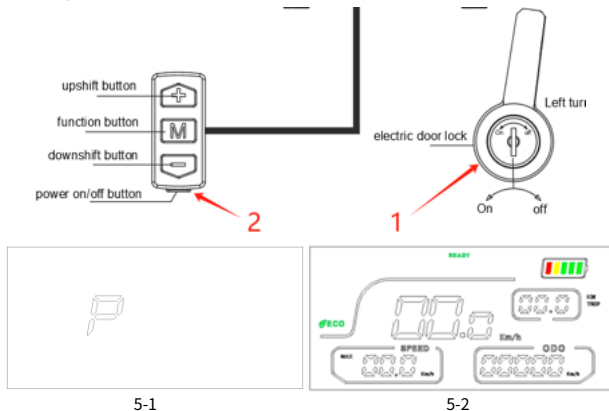


5.3. Instrument operation instructions

1. Power on/off

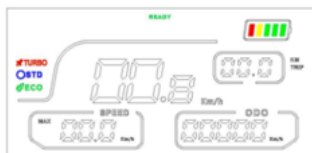
First, turn on the power switch lock and press and hold the "⏻" button for 2 seconds to turn on the power and enter the P mode (Figure 5-1). After 2 seconds, turn off the power and press the brake to enter the normal mode (Figure 5-2). If there is no operation for 30 seconds, it will automatically enter the "P" mode (Figure 5-1).

Reminder: When you are not using the electric vehicle, please remove and keep the key to the power switch lock



2. Gear switching:

Click the "+" and "-" keys to switch between ECO/STD/TURBO gears (Figure 5-3)



3. Set mode:

- 3.1.** Enter/Exit Settings Interface: Simultaneously press and hold the "+" and "-" keys (Figure 5-4)
- 3.2.** Function menu switching: In the setting interface state, click on the "M" menu to select;
- 3.3.** Function menu parameter switching: In the function menu interface state, click the "+" key to increment the parameter upwards; Click the "-" key to decrease the parameter downwards;
- 3.4.** Function menu options

P02: Public mile unit. 0 KM; 1: MPH; Default 1 (Figure 5-5)

P03: Restore factory settings: Long press the "+" key, and when 0 changes to 1, the factory settings will be restored (Figure 5-6)



5-4



5-5



5-6

P04: Brightness adjustment. 1. Darkest; 2 is normal; 3 brightest; Default 3 (Figure 5-7)

P05: Sleep time setting: 1-60 minutes; Default 10 minutes (Figure 5-8)

P06: Clear total mileage: Long press the "+" key, and when 0 changes to 1, the total mileage will be cleared (Figure 5-9)



5-7



5-8



5-9

6. CONSIDERATIONS

Please use it safely, and do not plug or unplug the display when it is powered on.

- Please avoid bumping as far as possible.
- Please do not alter the background parameter settings of the display at will otherwise normal riding cannot be guaranteed
- If the display fails to work normally, it should be repaired as soon as possible.
- Due to product upgrades of the company, part of the displayed contents or functions of the product you bought may be different from the manual, depending on the actual model.

7.MAINTENANCE AND CLEANING

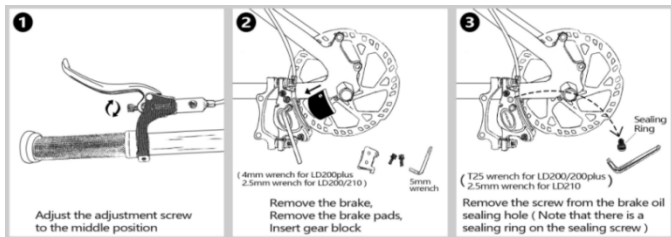
- (1)** If your bike is very dirty, please clean it with water or mild detergent and nonabrasive sponge driving.
- (2)** Do not use high pressure to wash the bicycle.
- (3)** Never wash the bearing points or electronic components of the electric bicycle directly.
- (4)** Do not use irritant chemicals or alcohol wipes to clean the bike.
- (5)** Please use lubricating oil to wipe the metal parts of the bicycle body for maintenance.
- (6)** It is strictly forbidden to oil the brake and wheel hub.

Lubrication part	Lubrication cycle	Recommended lubricating oil
Front fork assembly	1 year	Butter (lithium grease)
Front and rear axles	1 year	Butter (lithium grease)
Central axis	1 year	Butter (lithium grease)
Pedal shaft	1 year	Butter (lithium grease)
Sprocket	1 week	Lubricating oil
Chain	1week	Lubricating oil
Inside the wheel	1 month	Lubricating oil
Brake handle	1 month	Lubricating oil

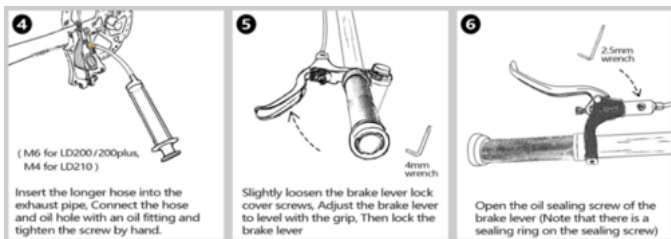
8.OIL BRAKE MAINTENANCE

- 8.1.** Please read the manual before maintenance and do not leave it to inexperienced personnel.
- 8.2.** The upper and lower pumps of this product produce braking function by extrusion through the oil pipe output. The internal oil should be maintained after 10 months under normal use (except for other improper use) to avoid air generated inside the brake pump causing braking. If the effect is not good or fails, please go to a professional repair shop or professional repairman for maintenance.
- 8.3.** Operation steps (Scan the QR code on the homepage. There will be a video explanation.)

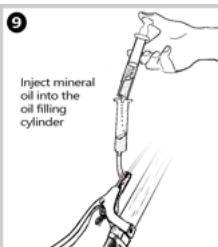
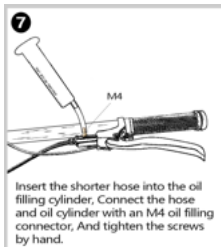
1. Adjust the screw to the middle position
2. Remove the brake, remove another piece, and insert the gear plug
3. Remove the brake oil seal screw



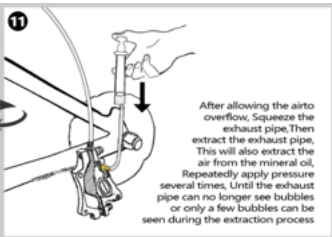
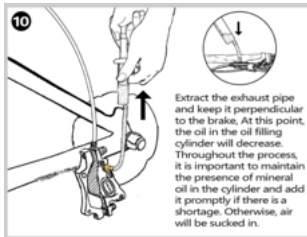
4. Insert the long hose into the oil injection barrel, connect the hose and the oil hole with the oil injection nozzle, and tighten the screws manually.
5. Slightly loosen the handbrake lever lock cover screw, adjust the handbrake lever to be flush with the handle, and then tighten the screw.
6. Open the oil seal screw of the handbrake lever (note that there is a sealing ring on the oil seal screw)



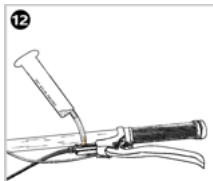
7. Insert the short hose into the oil filling barrel, connect the hose and the oil cylinder with the M4 oil filling nozzle connector, and then tighten the screws by hand.
8. Use another oil filling cylinder to extract 20ml of new engine oil
9. Inject engine oil into the oil filling cylinder



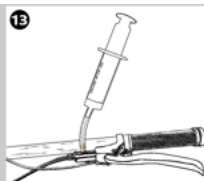
10. The oil filling barrel should be kept vertical. The oil injected into the barrel will gradually decrease. Make sure there is oil in the barrel throughout the process, otherwise air will be sucked in.
11. Push out the air and squeeze the oil filling cylinder. The oil priming cartridge is then extracted, which draws air from the oil. Apply extraction several times until bubbles are no longer visible in the oil filler barrel, or only a small amount of bubbles are visible in the extraction extraction



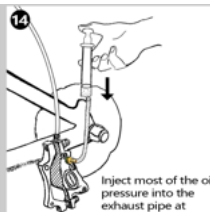
12. During the last pump, a little oil is left in the oil filling barrel.
13. Replace the oil filling cylinder with the exhaust gas cylinder. When pulling out the oil filling barrel, wrap it with a cloth to prevent oil from overflowing.
14. Apply as much pressure as possible on the brake side.



At the last pumping, leave a small amount of brake fluid remaining in the oil filling cylinder

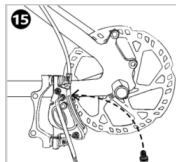


Replace the oil filling cylinder with an exhaust cylinder. When pulling out the oil filling cylinder, please wrap it with a cloth to prevent mineral oil from spilling out



Inject most of the oil pressure into the exhaust pipe at the brake end

15. Then loosen the grease nipple and tighten the sealing screw again
16. Use paper towels to wipe off the remaining oil on the upper surface of the brakes
17. Remove the gear plug, install the brake pads, and reinstall the brakes to the vehicle.

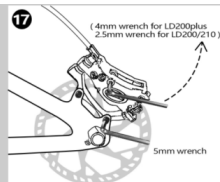


(T25 wrench for LD200/200plus)
2.5mm wrench for LD210

Then loosen the joint and tighten the sealing screw again

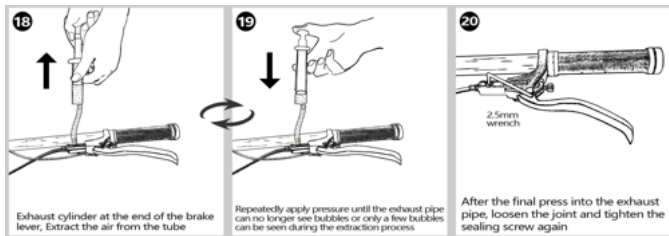


Wipe the remaining brake oil off the surface of the brake with a tissue

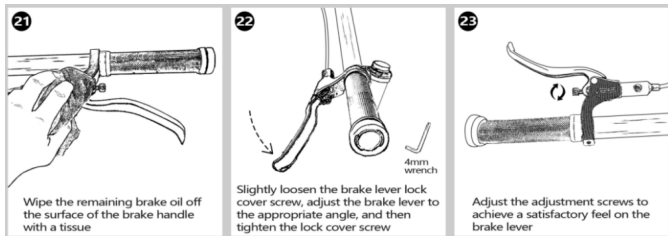


Remove the stopper, install the brake pads, and reinstall the brake onto the vehicle

18. Bleed the air from this end of the handbrake lever and extract the air from the tube.
19. Repeat extraction several times until no bubbles or very few bubbles are visible in the tube.
20. After the last injection, loosen the interface and tighten the oil seal screw.



21. Use a paper towel to wipe off the remaining oil on the surface of the handbrake.
22. Slightly loosen the handbrake lever lock cover screw, adjust it to the appropriate angle and retighten the screw.
23. Adjust the elastic screw on the handbrake lever to achieve a satisfactory feel.



9.TROUBLESHOOTING INSTRUCTIONS

Buzzer Alarm Sound Count Description

Serial Number	Fault Description	Number of sounds	Decision outcomes
1	Motor Hall Failure	1	The signal wire between the controller and the motor isn't connected properly
2	Gas pedal	2	Throttle not returning to zero,or bad gas pedal Note that when restarting the controller Fault will be displayed by default and will disappear when the self-test passes.
3	Current protection restart	3	Abnormal protection alarms
4	Phase current overcurrent	4	Abnormal protection alarms
5	voltage fault	5	Voltage is too low or too high,outside the controller's permissible range
6	Motor over-temperature	7	Motor temperature too low or too high out of operating range
7	Controller over-temperature	8	Controller temperature is too low or too high outside the operating range
8	Phase line flow overflow	9	Abnormal protection alarms
9	Phase current zero fault	10	Controller Internal Alarms
10	phase line short circuit fault	11	Phase wire short circuit,or motor failure
11	Line current zero fault	12	Controller Internal Alarms
12	MOSFET upper bridge failure	13	Controller Upper Bridge Damage
13	MOSFET lower bridge failure	14	Controller lower bridge damaged
14	peak line current protection	15	Hardware overcurrent protection alarm

Display error code

Fault code	Fault name	Fault code	Fault name
E02	Brake failure	E08	Motor phase line short circuit/MOS tube failure
E06	Arrears protection	E09	Controller failure
E07	Electric Hall failure	E10	Controller/instrument communication failure
E11	Handle failure		

10.WARRANTY

(1). Warranty information

- For the faults caused by the quality of the product under normal use, the company will be responsible for providing a limited warranty during the warranty period.
- The warranty period of the product is 12 months. (Battery, motor and controller warranty is 6 months)

(2). Non-warranty scope

- All man-made damage, such as wading, improper access to power, use of improper accessories.
- Damaged and unreasonable maintenance due to not using the reference product specification requirements.
- Damage caused by the unreasonable dismantling by Party A is not covered by the warranty commitment.
- The closure is opened; The connector is damaged.
- The enclosure of ebike and the outgoing line of display are scratched or damaged after delivery.
- Faults or damage caused by force majeure (such as fires, earthquakes, etc.) or natural disasters (such as lightning strikes, etc.)
- The warranty period has expired

