

USER MANUAL v1.0

Statement

At the beginning of printing, this manual contains the latest product information at that time. Yadea is committed to improving product design and quality. As a result, the product design may be changed at any time, which may lead to some inconsistency between the manual and the real product. If you have any questions, please contact us. The copyright of this manual belongs to Yadea technology group co., LTD

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Manufacture: Yadea technology group co., LTD

1.FOREWORD

Dear customers:

First of all, thank you for choosing to buy "YADEA" products. This manual introduced the knowledge and maintenance methods of electric scooter, please read the manual carefully to understand the scooter performance, characteristics, attention tips and maintenance knowledge, give full play to the advantages of "YADEA" electric scooter to ensure safe driving in the best driving state.

For effective protection of this scooter , Please be sure to use "original parts for YADEA products". If you have any questions, please contact our authorized service station or our company.

First maintenance time:one month after buy the scooter.

Next maintenance time:three months after last maintenance.

2.SAFETY PRECAUTIONS

For the safety of you and your family and to prevent accidents, please be sure to read and observe the following safety precautions and relevant laws and regulations.

Safety warning

1.Safety warning symbols used in this manual



DANGEROUS: Be alert to high risks and ignore this warning, which may lead to serious personal injury and death accidents.

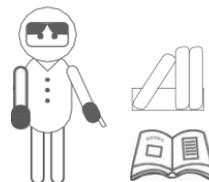


WARNING: Ignoring this warning may result in personal injury or scooter damage..



ATTENTION:Pay attention to minor hazards, ignoring this warning may cause minor damage to the equipment.

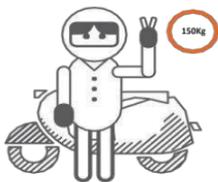
2.Please read the manual carefully before using, Inspect the scooter before driving to ensure safety.



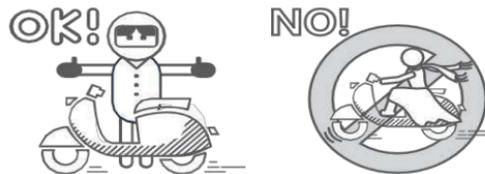
Driving safety

1.It is strictly prohibited to lend the scooter to anyone who is not familiar with its performance.

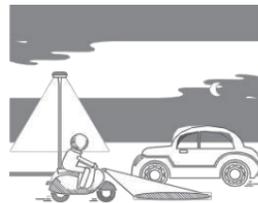
2.Electric scooter shall carry personnel or articles in accordance with laws and regulations, and overload is strictly prohibited. The center of gravity of the loaded goods should be as low as possible and close to the center of the scooter, and the load quality should be evenly distributed around to keep the scooter balanced. When the center of gravity of the cargo weight is far away, the maneuverability of the scooter will be affected to varying degrees. No goods can be hung on the steering handle. All goods must be firmly fixed on the scooter. The rear shelf is limited to 2Kg, the front storage box is limited to 1.5Kg, the rear storage box is limited to 3Kg, and the scooter load is strictly prohibited to exceed 150Kg.



3.When riding, we should wear helmet, goggles and other protective devices that meet the safety standards correctly. We should wear clothes that are clear, free to move all over, not tight, and not open cuffs. Don't wear loose clothes to avoid being caught by moving parts such as wheels and chains and causing danger.



4.If you ride in a rainy or snowy day, the braking distance will be extended and side slip will occur easily. Please slow down. Heavy rain and other bad weather, try to avoid travel. Turn on the headlight at night





Night driving must turn on the headlights, keep the distance more than 50 meters, skillfully switch between high-beam and low-beam light. Slow down when find the opposite with cars, bicycles and pedestrians, and switch to low beam lights, if the other scooter lights makes you dizzy, please pull over immediately and stop to avoid when necessary.

5. When riding, strictly follow the road traffic regulations and slow down when passing through intersections, and pay attention to pedestrians and scooters. Before turning, a turning signal should be issued to slow down and not to make a sudden sharp turn. When overtaking, the overtaking scooter shall not be affected, it shall not be too close to other motor scooters, and it is strictly prohibited to scramble for lanes and roads.

6. Not drunk driving, suffering from hypertension, hernia, cerebral concussion sequela, epilepsy and vascular diseases and other diseases prone to sudden, not riding electric motorcycle.



Safety use

1. Electric scooters should not be parked in building lobbies, escape stair, walkways and safety exits.
2. Electric scooters should not be charged and parked in residential buildings, and should be kept away from combustible materials during charging, and the charging time should not be too long.
3. Batteries shall be properly used and maintained in accordance with the instructions. Waste batteries shall not be disassembled without authorization and shall be recycled by relevant departments.
4. The charger shall be used and maintained correctly according to the method required in the instruction manual. Read the warning words of the charger carefully before use. When replacing the charger, it shall match the battery model.
5. Before washing water with electric motor, you should know the contents of the instructions on "matters needing attention in washing water".
6. If the power supply is damaged or the charging system fails, replace and maintain it at the authorized repair shop designated by YADEA.

7. Check whether the power supply circuit and lighting circuit are normal before driving. Whether the front and rear brakes can work normally. Fixing handlebars and front wheels, rear wheels. Tyre pressure. Whether the reflector is damaged or contaminated, etc. If there is any abnormality, please contact YADEA authorized service station for repair or find professional repair.

8. The installation of batteries for new scooters and replacement of batteries for old scooters must be carried out by professionals according to the "Battery Installation Work Instructions" provided by our company. When the battery is replaced, the connecting wire shall be replaced at the same time and shall not be reused, and the original fittings of our company shall be used. It is forbidden to put the battery sideways or backwards.

9. Distributors and users are forbidden to wire or modify the structural performance of scooters without permission. Examples include: changing battery configuration, changing route, increasing bulb power wattage, and retrofitting muscle speaker.

10. It is forbidden to touch the live parts of the electric motor with wet hands and metal conductors, such as battery box socket, battery box connecting wire socket, charger power plug, etc. Prevent electrical components from entering water; When cleaning the scooter, avoid water from impacting the charging socket, wiring harness connector, fuse and other electrical components, and do not directly splash water into the container.

11. When replacing fuses, use fuses of specified models and specifications. It is strictly prohibited to directly short the wires without adding fuses. The fuse should be in good contact with the slot. If it is loose, it may cause the fuse to heat up and cause accidents.

12. Inflammable, explosive and other dangerous goods, articles with low heat resistance, retained food and wet rain gear shall not be put into the container.

13. Do not use chargers of other brands and specifications for charging. It is also forbidden to use the charger provided by our company to charge other electric motors.

14. When charging, connect the output plug of the charger with the charging jack of the battery reliably, and then

connect the input plug of the charger with the AC power supply. For models with double battery box structure, if it is necessary to remove the battery and charge separately, all power connection wires such as transfer wires shall be firmly plugged to ensure good contact, safety and reliability.

15.The storage battery and the charger being charged shall be placed in a safe place where children cannot touch, free of inflammable and explosive articles, ventilated and dry, and shall not be charged in the open air, and liquid and metal chips shall be prevented from penetrating into the charger, so as to avoid accidents such as short circuit and fire of electrical appliances caused by rain and other factors. It is forbidden to use the charger in unstable, excessive lampblack and dust, damp and direct sunlight environment. Don't recharge when it thunders. When charging, the battery and charger must not be covered with anything, and the charger must not be placed on the saddle, so as not to affect the heat dissipation.

16.The charging time shall not exceed 10 hours and the fast charging station shall not be used for charging.

17.In the process of charging, if there is peculiar smell, too high temperature, the indicator light of the charger has not turned green after charging for more than 10 hours, the battery is bulged and leaks liquid, etc., please stop charging immediately and send it to the dealer for repair.

18.The electric motorcycle shall be parked or charged away from heat source and fire source, and shall not be parked in the storage of inflammable, explosive, corrosive and other dangerous goods and in shops, warehouses and miscellaneous articles rooms. When parking the scooter and charging, the electric door lock should be closed and pulled out.

19.Do not disassemble electrical components without authorization. Non-professional personnel are strictly prohibited to carry out maintenance. In case of failure, they should go to YADEA professional service station for maintenance..

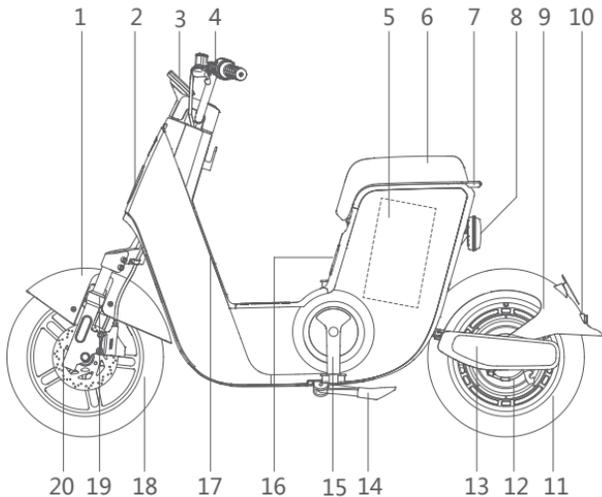


ATTENTION

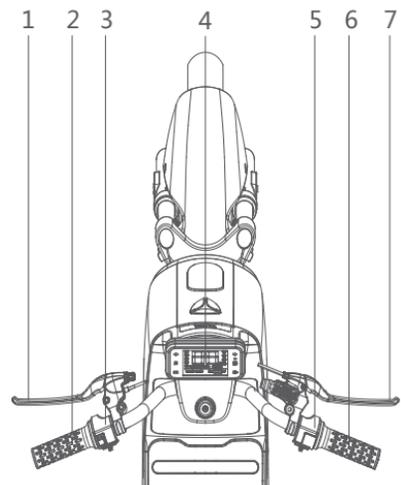
Please choose a genuine battery and accessories with the words "YADEA special" or YADEA company's optional, to ensure your scooter is further away.

3.SCOOTER STRUCTURE

Scooter structure diagram



1. Front fender
2. Headlight
3. Speedometer
4. Handlebar
5. Battery
6. Seat cushion
7. Armrest
8. Taillight
9. Rear fender
10. Rear reflector
11. Rear tire
12. Motor
13. Rear fork protective board
14. Side stand
15. Pedal crank
16. Charging hole
17. VIN number
18. Front wheel
19. Front fork absorber
20. Front disc brake

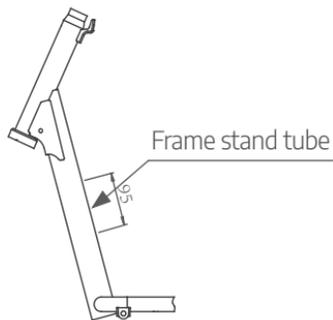


1. Left rear brake lever
2. Left grip
3. Left switch group
4. Speedometer
5. Right switch group
6. Throttle
7. Right front brake lever

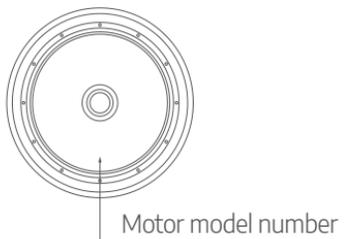
VIN Frame coding

Example: LR4DE190xxxxxxxxxx

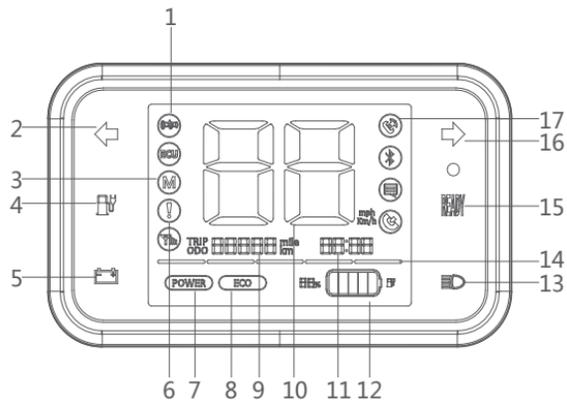
Height 7mm Depth 0.2mm



Motor model coding



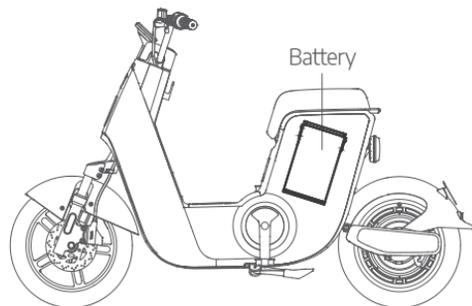
Speedometer function(If applicable)



- 1.Throttle failure indication
2. Left turning light
3. Motor failure indication
4. Battery charging state
5. Under voltage indication
6. Brake indication
7. POWER mode
8. ECO mode
9. Mileage display
10. Speed display
11. Time display
12. Battery power display
13. High beam indication
- 14.Current display
- 15.Safety start indication
16. Right turning light
16. GPS signal

4. OPERATE INSTRUCTION

Installation of the battery (If applicable)



Ways to install battery:

1. Open the seat cushion, turn off air switch.
2. Put the battery into battery box.
3. Connect the battery power connection wire well.
4. Turn on the air switch, lock the seat cushion.

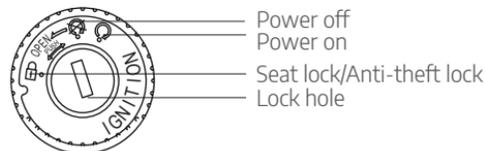
WARNING

- The battery box is pasted with solid and reliable high-voltage warning / electrode danger signs, which shall not be covered or torn off.
- Do not press, puncture or impact the battery.

DANGEROUS

- It is forbidden to put the battery side by side, backward, Pseudo Soldering, reverse connection and short circuit of the positive and negative poles of the battery.
- It is forbidden to open the external structure of the battery.
- It is forbidden to heat the battery, put it into fire, put it into water or get wet.
- Consumers and distributors are strictly forbidden to alter the battery configuration and modify the functions of other spare parts without permission.
- Don't throw away waste batteries at will to avoid polluting the environment. The waste batteries of this product shall be recycled by our company or distributors or designated outlets of the government.

Power lock switch



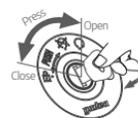
1. Power on: Insert the key into the electric door lock switch and rotate clockwise to the right to this position , the power is turned on, and the key cannot be pulled out.
2. Power off: Turn left counterclockwise to this position , turn off the power supply, and then the key can be pulled out.
3. Seat lock: Insert the key into the electric door lock switch, turn left and counterclockwise to this position  directly to open the seat cushion lock switch and open the seat cushion.
4. Anti-theft lock: Insert the key into the electric door lock switch, the scooter head deflects to the left to the maximum angle, the lock cylinder is pressed down and then rotated to this position  counterclockwise to the left, and the lock tongue is inserted into the steering mechanism and locked in the direction.



Power switch indication

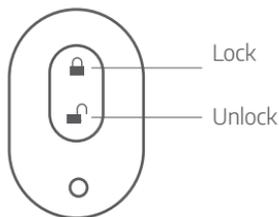


Seat lock open



Locking and unlocking of anti-theft lock

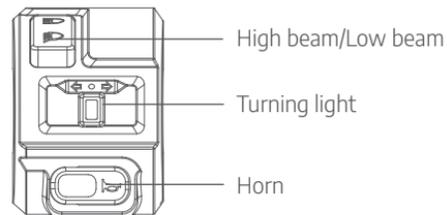
Anti-theft alarm(if applicable)



Lock	Press this button  or the remote control is 3 meters away from the scooter, the anti-theft device enters the anti-theft state.
Unlock	Tap this button  , the scooter sounds a warning tone to determine the scooter position.

- The key operation of the above remote control requires the remote control to be within 70 meters of the scooter.

Left switch group

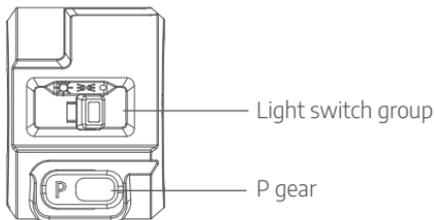


- 1.High beam and low beam switch: When the main light switch is turned on, press the high beam lamp forward to turn on, press the low beam lamp backward to turn on.
- 2.Horn button: Press the horn button to start the horn.
- 3.Turning light switch: Push the switch button to the left or right to turn on the turning light at the corresponding position and send out a continuous flashing orange light signal. At the same time, the speedometer sends out a green turn indicator signal. After the switch is reset to the middle position, press the switch to turn off the turning light.



- Turn on the turning light before turning and turn off the turning light in time after turning..

Right switch group



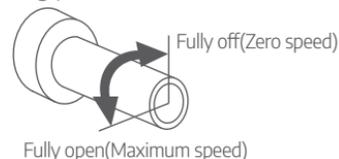
1.Light switch group: When the power lock is open, pushing the switch left and right can control the scooter lights.

All lights off ; Headlight, taillight, license light and speedometer light on; Main light switch, all lights on.

2.P gear switch: Press P gear button can release parking state, press again enter parking state.

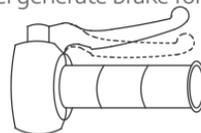
Throttle

Rotate counterclockwise to accelerate, rotate clockwise to decelerate. Reset after loosening, the motor stops outputting power.



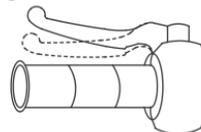
Front brake lever

The front brake lever is located on the right handlebar. Holding the brake lever in the direction can make the front wheel generate brake force.



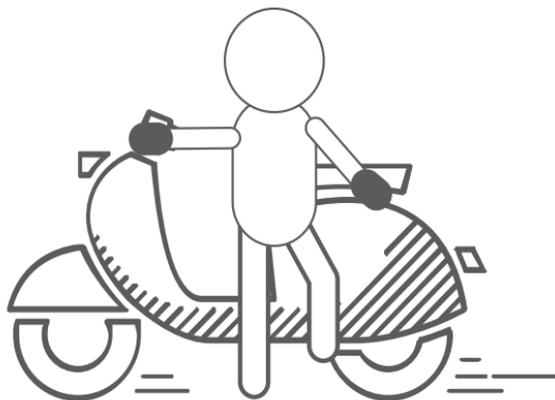
Rear brake lever

The rear brake lever is located on the left handlebar. Holding the brake lever in the direction can make the rear wheel generate brake force.



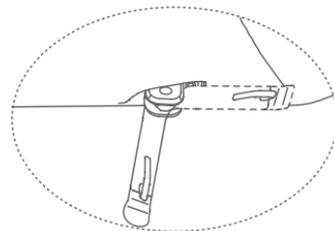
Main stand

The main stand is located at the bottom of the center of the scooter. When using the main stand to park, the left hand holds the rear brake lever tightly to prevent it from moving, the right hand holds the left position of the passenger's armrest to keep the scooter vertical, and then the main stand is supported by the foot to make the scooter park stably.



Side stand

The side stand is located on the lower left side of the scooter. When parking with the side stand, hold the rear brake lever tightly with your left hand to prevent it from moving, hold your right hand at the left side of the passenger's armrest to keep the scooter vertical, and then lower the side stand with your feet to tilt the scooter to the left for parking.



ATTENTION

- Do not park on soft ground or slope to prevent the scooter from toppling over. You can use the main stand to support the scooter for a long time.
- Turn off the power after parking, lock the anti-theft device, do not put valuables in the scooter, do not forget to lock the seat cushion and toolbox, and take away your belongings.

Inspection before riding

Inspection of power supply circuit and lighting circuit

1. Turn on the power supply, operate the lighting switch, and check whether the headlights and taillights are on and whether the headlights are normal.
2. Operate the turning switch, check whether the turning indicator is working properly.
3. Check whether the appearance of lighting and signaling devices are damaged.
4. Check whether the power line connection of the whole scooter is stable and whether the binding posts and connectors are loose.

Inspection of front and rear brake

1. Check whether the power-off function of front and rear brake lever reducer is normal before and after respectively. Whether the reducer brake system is flexible to operate.
2. Check whether the braking performance and braking distance are abnormal. If abnormal phenomena such as soft brake, long braking distance, worn brake pads, low flow of brake fluid or leakage of fluid were found, please contact the dealer.

Damage or contamination of the reflector and the license

1. Check whether the reflector is dirt and damaged and do not use it if there is dirt or damage.
2. Check whether the license plate is firmly installed, the number is clear, and there is no dirt or damage.

Inspection of handlebar and front and rear wheel

1. Swing the scooter up and down, back and forth, left and right, and check the handlebars and front and rear wheel fixing screws for looseness.
2. Whether the handlebar steering is too tight or bumpy.
3. Push the scooter forward and backward, and check whether the front and rear wheels rotate smoothly and whether there is abnormal noise.

Inspection of tire

1. Whether the tire pressure is normal. According to the depression of the tire grounding part, judge whether the air pressure is appropriate. If the air pressure is abnormal, check it with a tire measure. Generally speaking, the front wheels of ordinary tires are $175 \pm 5 \text{ kpa}$ and the rear wheels are $200 \pm 5 \text{ kpa}$. Vacuum tire: front and rear wheels $250 \pm 5 \text{ kpa}$.
2. Whether the tire is cracked or abnormally worn.
3. Whether the tire is embedded with nails, stones and glass.
4. When the tire is used to the tread wear mark, the tire should be replaced.

Inspection of rear-view mirror

1. Check whether the rear-view mirror is dirt or damage, keep the mirror clean, replace it in time if it is damaged.
2. From the driver's position, observe whether the rear-view mirror can see the rear and side road conditions respectively.

Correct driving Start and driving

1. Insert the key into the electric door lock, turn the power switch clockwise to turn on the whole vehicle circuit.
2. Check power supply and lighting circuit. The front and rear brake system. Reflector, license light. Handlebar and front and rear wheel. Parts such as tires ensure that there is no abnormality in the scooter.
3. Hold the handlebars with both hands, stabilize the scooter hit the main support or the side support to make the rear wheel land, support the ground with the left foot and place the right foot in the pedal position. After you are seated on the scooter, slowly rotate the speed control knob counterclockwise inward, and the scooter will start to run.

Speed adjustment

You can use the throttle to adjust acceleration or deceleration to control scooter speed. Turn the throttle counterclockwise inward, and the speed will change from slow to fast. On the contrary, the speed will slow down from fast. After loosening, the throttle will automatically reset and the motor will stop working.



● Please keep it in the middle of the seat cushion. If it is too forward or backward, the load ratio of front and rear wheels will change, causing the handle to vibrate and causing danger.

Use of brake

1. After returning the throttle quickly, hold the brake lever tightly.
2. The braking effect is best when the brake is braked slowly in advance and then tightened.
3. Do not brake sharply or turn sharply. Hard braking and hard steering are the main factors causing side slip or rollover, which are extremely dangerous.

Parking methods

1. Send out a signal in advance, approach the parking place, return the throttle to its original position, and reach the destination and then braking.
2. When the scooter is completely stopped, turn off the turning light and headlight and turn off the power switch.
3. When parking, stand on the left and flat ground, propping up the support.
4. When you leave the scooter, Please be sure to lock the anti-theft lock and take away the key to prevent the scooters from being stolen.



- When the rear wheel touches the ground, the throttle cannot be turned until the rider is firmly seated.
- Do not lend it or let it be used by people who are unfamiliar and cannot drive. One-handed driving and drunk driving are dangerous.
- Only brake the front wheel or rear wheel, the scooter may slip sideways, which is extremely dangerous. Please keep a safe speed and slow brake ahead of time.

Use and maintenance of electric spare parts Use and maintenance of motor

1. Regularly check whether the end cap screws on both sides of the motor are loose.
2. Regularly check whether the motor wiring is loose, whether the appearance is deformed, and whether the motor phase wire is damaged.
3. When used in rainy days, the motor cannot run in deep water, and the water surface cannot exceed the position of the rear axle.
4. The motor hub cannot be violently impacted, and the motor cannot be forced to run under the condition of locked rotation. Overloading of the motor is strictly prohibited.
5. If the motor is found to be operating abnormally, it shall immediately stop operation and send it to the authorized repair shop designated by YADEA for repair and replacement.

Use and maintenance of controller

1. Regularly check whether the controller fixing screws and wiring are loose.
2. Regularly clean the dust on the controller surface is beneficial to heat dissipation. It is forbidden to use water to wash electrical appliances, so as not to cause danger of electrical short circuit.

3. Unauthorized modification of controller circuits is strictly prohibited.
4. Regularly check controller lines, fuses, etc.
5. If the controller is found to be working abnormally, it shall immediately stop operation and send it to the authorized repair shop designated by YADEA for repair and replacement.

Use and maintenance of lithium battery

This scooter uses maintenance-free lithium battery, the operating environment temperature is $0\text{ }^{\circ}\text{C} \sim +45\text{ }^{\circ}\text{C}$, too low will reduce its effective capacity, too high will affect its service life. Therefore, in winter or cold areas, it is normal when the continuous distance after one charge is reduced. When the temperature rises above $20\text{ }^{\circ}\text{C}$, its function will resume naturally. The battery is an important component to protect the good performance of the scooter. Please pay attention to proper protection.

Charging attention

Please do not use the electric energy to the minimum allowable voltage every time you ride. Normally it should be the best to charge the battery once when the battery level is about 30%. When the under voltage indicator flashes, you must charge the battery. It is best to form the habit of charging after riding every day, which is of great benefit to the battery life. If the battery had been left for 3-7 days (after battery used out), it may be permanently damaged. Therefore, please charge the battery as soon as possible after use.

There are two charging methods: One is to remove the battery and charge it, one is to charge directly on the scooter.

Remove the battery to charge

1. Do not touch the positive and negative electrodes of the battery with metal conductors.
2. It is forbidden to charge the battery under the condition of inversion, otherwise the life of the battery will be affected.
3. Put the charger and battery in a stable position, first insert the output plug of charger into the charging socket of the battery box, and then insert the input plug of charger into power socket to start charging.

Charging directly on the scooter

Turn off the power first and remove the key, Insert the charger output plug into the charging hole of the vehicle, and then insert the charger input plug into power socket to start charging.

Charging time

When the input and output terminals of the charger are switched on, the green indicator light of the charger will turn red, indicating that the power supply is switched on and enters the charging state. After charging for 6 ~ 8 hours, the red indicator light of the charger will turn green, indicating that the electricity is basically full, and the power plug can be removed after charging for another 1 ~ 2 hours.

Battery temperature

Charging operating temperature: 0 ~ 45 °C

Discharging operating temperature: -20 ~ 50 °C

Storage temperature: -20 ~ 45 °C Storage time: 3 months



- After the battery temperature is protected, when the temperature returns to normal, plug and unplug the battery plug again, and the normal use state can be restored.



- The separate operating instructions in the battery package and charger package are also part of the product. Please read carefully before using.
- Please read carefully and understand the warning words and precautions on the labels of battery and charger housings.



- Prohibited charging areas such as supermarkets, shops, warehouses, kitchens, bedrooms and other flammable venues. Do not exceed the prescribed charging time in summer and winter.

Methods and cautions to effectively improve battery life

1. When accelerating, rotate the throttle slowly and not too fast.
2. The highest design speed of electric bike is 25km/h, Generally, the most economical driving speed is 15-18km/h, and the riding safety factor is high.
3. Develop a good charging habit. The battery should be charged to 40%-60% of the power when stored at room temperature.
4. In order to prevent the battery from over-discharge, it must be charged once a month.
5. For batteries that have been stored for more than one year, the user shall be responsible for the degradation of battery performance due to failure to perform routine maintenance as required.

Use and maintenance of the charger

This charger is specially designed for YADEA electric scooter battery, which takes good care of the battery and effectively improves the service life of the battery.

1. Warning, Users must follow the instructions when charging, otherwise the consequences will be at their own risk.
2. Remind, Must use original charger .
3. Pay attention to the type of battery that the charger can charge and the applied voltage, and do not mix them.
4. When charging, it should be placed in a ventilated environment. It is strictly prohibited to charge in confined space or hot sun and high temperature environment. The charger should not be placed in saddle or tail box for charging.
5. When charging, plug in the battery first and then add mains power. After sufficient, disconnect the mains supply before unplugging the battery.
6. When the green light is on, the power supply should be cut off in time. It is forbidden to connect the charger to the AC power supply without charging for a long time.
7. During the charging process, if the indicator lamp has abnormal smell or the charger shell is overheated, the charging shall be stopped immediately and the charger shall be overhauled or replaced.

8. During the use and storage of the charger, attention should be paid to avoid the entry of foreign matters, especially water or other liquids, so as not to cause short circuit inside the charger. The charger should not be carried along with the scooter as far as possible. If it is necessary to carry it, it should be properly damped and placed in the toolbox.

9. Do not disassemble or replace the devices in the charger.



Special electrical appliances are forbidden to disassemble and disassemble without authorization.
Do not bump or collide violently when carrying the charger.



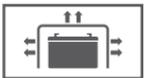
Chargers shall be collected in a dry and ventilated environment to avoid dampness and keep away from inflammable and explosive articles.
The ambient temperature is 10-30 C



The place where the battery is charged should be away from children.



When plugging or unplugging the power supply, the hands must be kept dry, and it is strictly prohibited for conductive objects to contact the contacts at both ends of the charging hole of the battery box or the charging hole of the connecting wire at the same time.



Neither the charger nor the battery shall be covered with anything to prevent liquid and metal from entering the charger.



The battery life will reduce during long-term storage (if without charging).
Therefore, the battery must be fully charged before storage.
The battery must be recharged once a month. After long-term storage, the battery must be charged before use.

5. INSPECTION, MAINTENANCE AND REPAIR

Dear customers:

Please check and maintain the scooter regularly. When it is stopped for a long time, it should also be checked regularly. Check and maintain the new scooter when it travels 300 kilometers.

Preparation before inspection

1. Choose a spacious and flat place to support the main support.
2. When driving inspection is required, it should be carried out in a safe place and pay attention to the surrounding safety.
3. If any abnormality is found through inspection, please eliminate the abnormality before driving. If it is difficult for you to solve the problem, the maintenance station can be entrusted for inspection.

Inspection of handlebar, front fork and absorbers

1. Shake the handlebars to check for abnormal noise, and check the handlebars, front fork and absorbers for deformation, bending cracks and other abnormal phenomena.
2. Check the hydraulic front fork and absorber for oil leakage and other abnormal phenomena. If there is any abnormality, please go to the distribution unit for inspection and maintenance.

Inspection of the wheels

1. Check whether the wheels rotate smoothly, whether there is abnormal noise, and whether the front and rear wheel fixing screws are tightened.
2. Check whether the wheel rim is deformed or cracked, and if there is any damage, please do to the distribution unit for inspection and maintenance.

Inspection of the brake

1. Whether the empty stroke of the brake handle is within the specified range, the empty stroke of the drum brake lever is 10-20mm, the empty stroke of the hydraulic disc brake handle is generally 5-10mm, and the empty stroke of the brake pedal is generally 20-30 mm. Measurement shows that if it is not correct, it should be adjusted.
2. When driving at low speed on dry and flat roads, use front and rear brakes respectively to check their braking effects. The brake handle or brake pedal shall reach the maximum braking efficiency within 3/4 of the whole process. When the application of force is stopped, the braking force shall disappear and there shall be no self-braking during driving.
3. Brake pads shall be replaced in time when they are seriously worn or worn to the wear mark position.

Inspection of tire

1. With the tire cooling, check with the tire pressure gauge.
2. Check whether there are obvious cracks and damages on the ground and side of the tire, and whether there are any abnormal wear caused by long-term driving.
3. Check the tire wear, check the groove depth, and replace the tire when the tire is used to the tread wear mark. When there is any abnormality in the tire, please go to the distribution unit to check or replace the new tire. It is recommended that the rear wheel locking torque is $\geq 60-80\text{N.m}$ and the front wheel locking torque is $\geq 39-48\text{N.m}$.



Abnormal tire pressure, cracking, damage and severe wear are one of the causes of tire burst with poor steering feeling.

Maintenance and usage of flywheel

1. Please make sure the lubrication of flywheel when using the new vehicle.
2. Clean the flywheel every 3 month regularly, and use special lubricating oil to lubricate.

Adjustment of chain

Loosen the rear axle nut first to adjust the slack of the chain. While adjusting the chain, the front and rear chain wheel must be aligned in a straight line. After adjustment, fix the rear axle nut. Lock the adjusting nut for final inspection to make the loosening distance between the centers of two chain wheels is 10 ~ 15mm.



Adjustment of handlebar and saddle (if applicable)

When adjust the handlebar and saddle, do not exceed the safety score line on the handlebar and saddle tube. After adjust the handlebar, stand tube, saddle, saddle tube, then tighten it. The recommended torque is 18N.m.

Check the lubrication condition of various parts of the vehicle

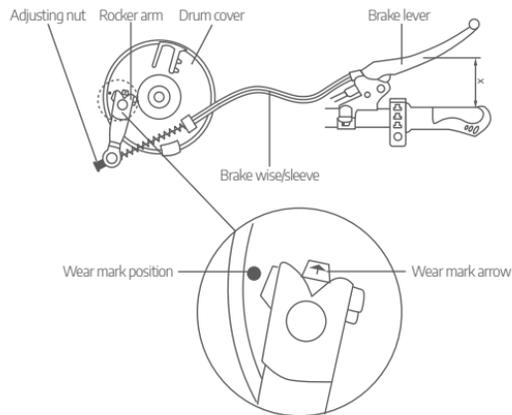
Check whether the amount of lubricating oil filled in each part of the vehicle is sufficient, and whether each operating handle and rotating shaft rotate flexibly. If not, add an appropriate amount of No.20 oil to the rotating shaft and friction flou, and drip with Oil can. When the operating mechanism controlled by the steel cable is inflexible, an appropriate amount of No.20 oil should be added to both ends of the steel cable. However, it is strictly prohibited to inject oil into the electrical switch and the brake friction area.

Water washing cautions

1. Turn off the the power supply of the whole vehicle before cleaning, and it is forbidden to touch the point parts such as battery charging and discharging ports with wet metal conductors.
2. It is strictly prohibited for water to impact electrical components. When cleaning the vehicle, the vehicle shall be wiped with a wet towel after being thrown dry.
3. Avoid water flow impacting charging socket, wire harness connector, safety tube, etc. Do not pour water directly into the container.
4. Do not directly splash water on brakes, motors and front and rear axles to prevent water from affecting the service life of vehicle components.
5. Do not use steam or high pressure water pipes for washing vehicles.

Adjustment of drum brake

Drum brake can achieve the best braking effect by adjusting the adjusting nut. When the wear mark arrow on the drum brake rocker arm approaches the wear mark position, please go to YADEA authorized service station to replace brake pads of the same model.

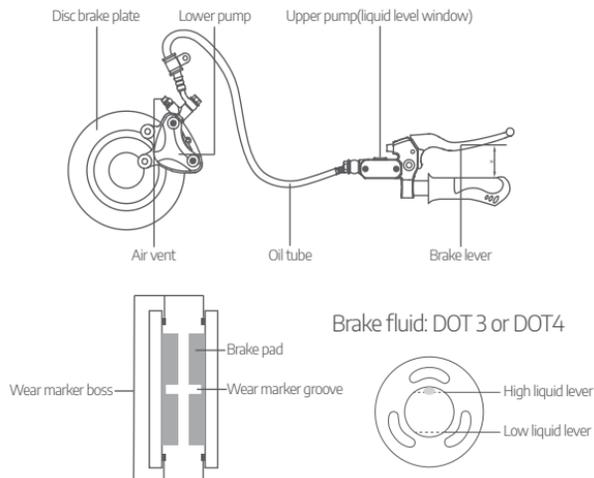


ATTENTION

Regularly check the wear of brake pads. If it is found that the brake is soft and the brake force cannot be effectively improved by adjusting the adjusting nut, please replace the brake pad.

Adjustment of disc brake

When brake fluid is insufficient, air will enter the brake system, causing brake to malfunction. Centralize the scooter to keep the pump on the disc brake level and check the liquid level in brake. If the liquid level is too low, the brake pad is worn or the brake system leaks. Please go to YADEA authorized service station for inspection and maintenance. Add brake fluid or replace brake pads, please use the same model.



Replacement of lamps

1. When lights and signal lamps burn down, please go to the distribution unit for inspection, repair or replacement.
2. Do not replace bulbs above rated power.
3. After replacing the headlamp, adjust the headlamp beam if necessary.

Replacement of fuse

- Turn off the power supply and check whether the fuse is in good condition. If the fuse opens, replace it immediately.
1. Pull out fuse box
 2. Open the fuse box, take down the fuse and replace the same model fuse.



- If the insertion part of the fuse is loose, it can cause the fuse to heat up and cause accidents.
- When replacing fuses, be sure to use fuses of specified models and specifications.
- If a fuse exceeding the specified capacity is used, it will cause the main line to heat up or burn out.
- If the fuse blows immediately after replacement, reasons other than the fuse should be considered. The reason should be found out and a new fuse should be replaced after adjustment.
- When cleaning the scooter, pay attention to prevent strong water flow from hitting the fuse tube.

Users self-inspection items

Inspection items	Inspection contents
Headlight, Turning lights, Taillight, Brake light	Whether it works normally.
Horn	Whether the noise normal at work.
Clearance of front and rear brake	Whether braking normally.
Front and rear tire	Whether the air pressure is normal and whether there are sundries on the surface.
Speedometer	Whether the signal lights and indicators are normal
Power lock, Tail box lock, Seat lock	Whether the opening is normal or not, and whether melting oil needs to be added to the movable part of the lock plate.
Rear-view mirror angle	Whether can clearly see the situation in the rear?
Handle bar, Front fork	Whether the rotation is flexible, whether there is looseness or sticking phenomenon
Front and rear wheel axle, Fork axle and other fasteners	Whether there have any looseness

Schedule of maintenance contents for regular maintenance projects

Inspection items	Everyday	60days	180days	360days
1.Whether the handlebar rotates and steering parts are loose and worn.		■●	■●	●▲
2.Whether the pedal parts are worn or not and whether the rotation is flexible.		■●	■●	◆
3.Whether the tire is inflated properly and whether the outer tire is worn.	■			◆
4.Whether the light is on	■◆	■◆	■◆	■◆
5.Whether the brake pads are worn			◆	◆
6.Whether the rim is deflect and deform		■	■	◆
7.Whether the front fork of the frame is deformed		■	■	◆
8.Whether the fasteners are loosen		■	■	▲
9.Whether the brake is good	■	■▲	■▲	▲◆
10.Whether the big horn is on	■			▲◆
11.Whether the charger power line is worn	■			◆
12.Head tube, fork and absorbers at the part connected with the frame.			●	

■ Inspection ▲ Adjustment ◆ Replace ● Lubrication



● The maintenance of scooters used by families shall be carried out in accordance with the provisions of the above table in period.

● For scooters that are not used by families (e.g. business, commercial, corporate, group purchase, lease), the maintenance of the period shall be carried out according to half of the provisions in the above table.

