



e-TANGO



OWNER'S MANUAL
MANUEL DU PROPRIÉTAIRE
MANUAL DEL PROPIETARIO



RIEJU S.A. is grateful for the confidence you have put in their company and would like to congratulate you on your choice of motorbike.

The **e-TANGO** are the resulted of the long-term experience that **RIEJU** has had in competitions, which has led to the development of a high performance vehicle.

The objective of this owner's manual is to denote the use and maintenance of your vehicle, we ask you to read the instructions and information that follow carefully.

We wish to remind you that the life of the vehicle depends on how it is maintained. Maintaining the vehicle in perfect working condition reduces the cost of repair.

This manual has to be considered as an integrate component of the motorbike and must remain part of the basic equipment, and handed over in the event of a change of vehicle ownership.

In the event of any problems, please consult the RIEJU dealer who will assist you or check our web www.riejumoto.com.

Please remember that for your motorbike to perform correctly, **you should always fit original spare parts.**



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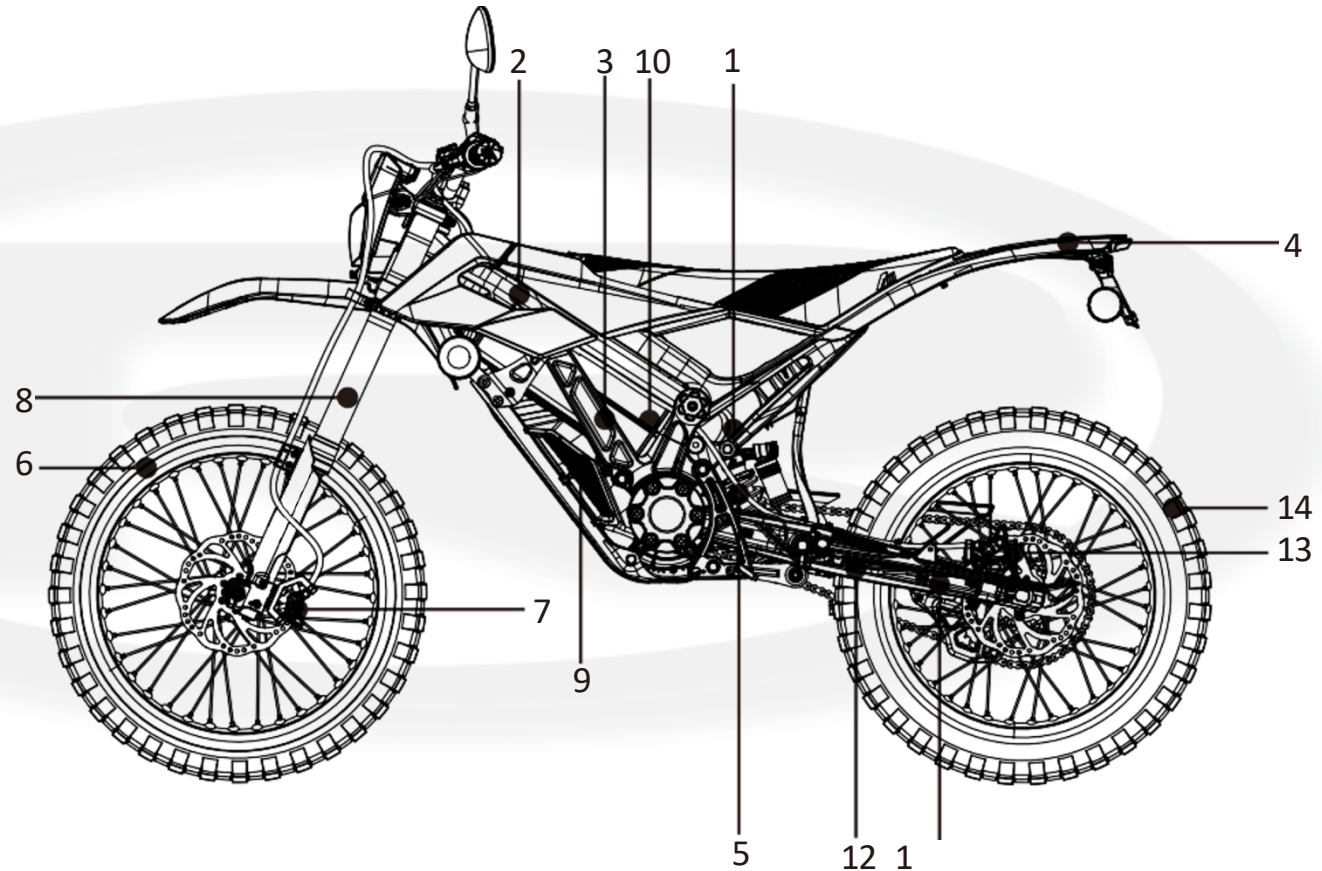
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VEHICLE DESCRIPTION

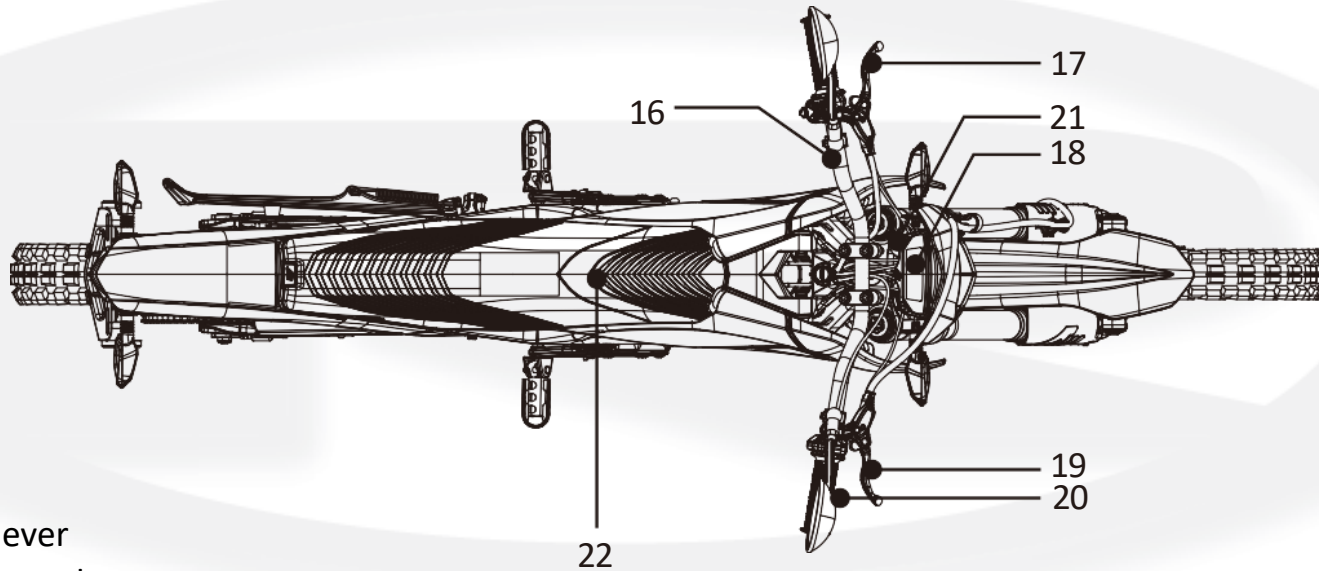
Left side view

- 1. Charging port
- 2. Battery fixing lock
- 3. Frame
- 4. Rear fender
- 5. Rear shock absorber
- 6. Front wheel
- 7. Front brake assy
- 8. Front suspension fork
- 9. Motor controller
- 10. Lithium battery pack
- 11. Side stand
- 12. Rear swing arm
- 13. Rear brake assy
- 14. Rear wheel





VEHICLE DESCRIPTION



Top view

- 16. Handlebar
- 17. Rear brake lever
- 18. Instrument panel
- 19. Front brake lever
- 20. Acceleration twist throttle
- 21. Master key switch
- 22. Seat



DELIVERY OF THE MOTORCYCLE (PRE DELIVERY INSPECTION & HANDOVER)

- USER MANUAL**
Very important this explains in detail the essential functions of the motorcycle, safe use and important maintenance practices.
- WARRANTY REGISTRATION**
Complete the necessary information, pass a copy to the owner, and return a copy immediately to your **RIEJU** distributor.
- OPERATION**
Explain the functions & correct handling of the motorcycle.
- WARNINGS**
Explain the importance of warning labels to ensure a long life of the motorcycle.
- KEYS**
Deliver the full set. "I would advise creating a spare set."
- FIRST SERVICE**
Explain the importance of the service at 500 km and the ongoing service schedule.
- PERIODIC MAINTENANCE**
Explain the need of the periodic maintenance and indicates that don't do the correct maintenance and services indicates can be cause to loose the warranty.



INSPECTION PRIOR TO DELIVERY (Adjustments)

General appearance.....

Frame

- Front and rear brake - Drain, if necessary.....

- Front, rear mudguard and attachment elements.....

- Alignment of front, rear wheels, and tightening torque of wheel axles.....

- Tyre pressure.....

- Spokes of front and rear wheels.....

- Chain tension.....

Checking the equipment

- Accelerator works.....

- Battery charged.....

- Block steering or anti-theft block.....

- General condition of front and rear suspension.....

- General inspection of nuts and screws: Callipers/discs, transmission/pinions, wheel nuts, tilt, engine mounts, shock absorber, etc.....

Driving components

- Adjusting the headlight height.....

- Brake light when pressing brake levers LH and RH.....

- Front, rear blinkers and mounting clips.....

- Horn operation.....

ON-ROAD TEST

- Engine operation.....

- Grip on road and suspensions.....

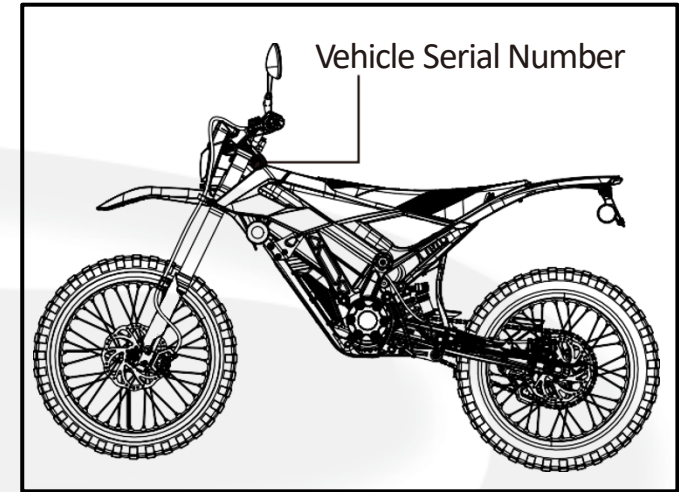
- No abnormal sounds.....



IDENTIFICATION OF THE MOTORBIKE

On the chassis you will find your motorbike's identification number engraved.

The number is stamped on the right hand side of the front frame (Steering head.) is unique to every machine. This number is required to register your vehicle, this chassis or VIN number should be quoted when requesting warranty assistance or genuine Rieju spare parts.



POWER RATING


- DC brushless motor
- Waterproof grade: IP67
- Insulation grade: F
- Rated speed: 2.200r/min
- Rated power: 5KW
- Rated voltage: 72V



DISPLAY AND CONTROL DEVICES

Main Switch Controls Power

Power on

Turn the key to “” position.

The meter will light up, after retracting the side stand, “Ready” on meter lights up, it can be ridden normally.



ATTENTION: If the side stand is put down, it will not be able to unlock P gear for riding.

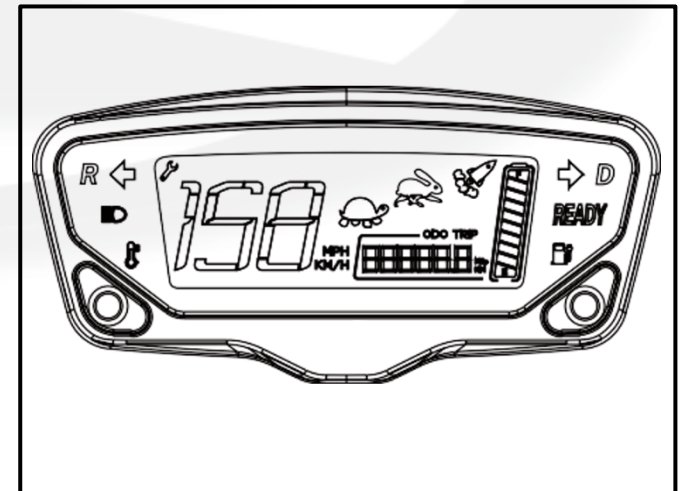
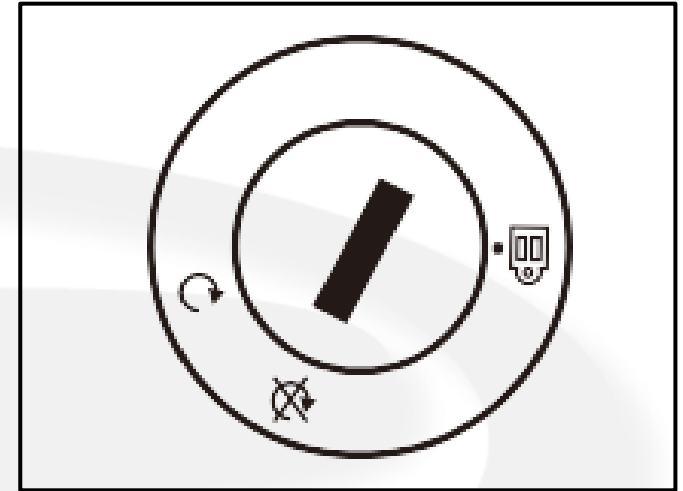
Turn off

Turn the key to “”

All electrical systems are turned off.

Fault Warning

In case of a fault, the mileage value will change to a flashing fault code to indicate the specific fault; when there is a battery communication failure, the bar power display is one grid and the charging indicator flashes.

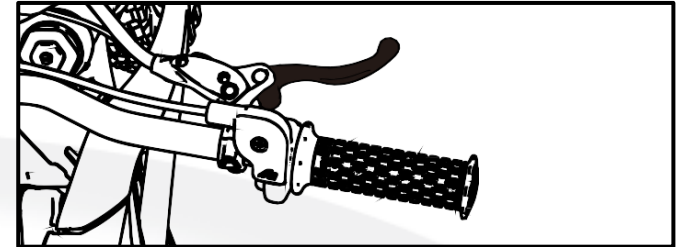




DISPLAY AND CONTROL DEVICES

Front brake lever

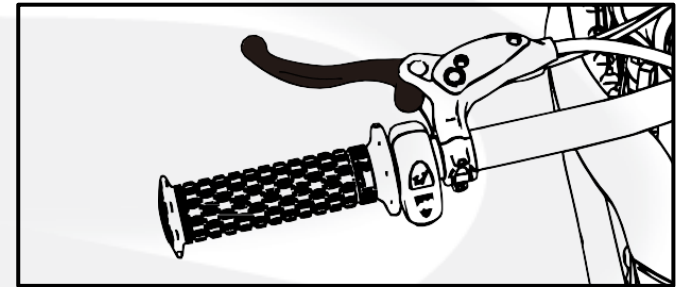
The brake lever for the front brakes is located on the right handlebar.



Rear brake lever

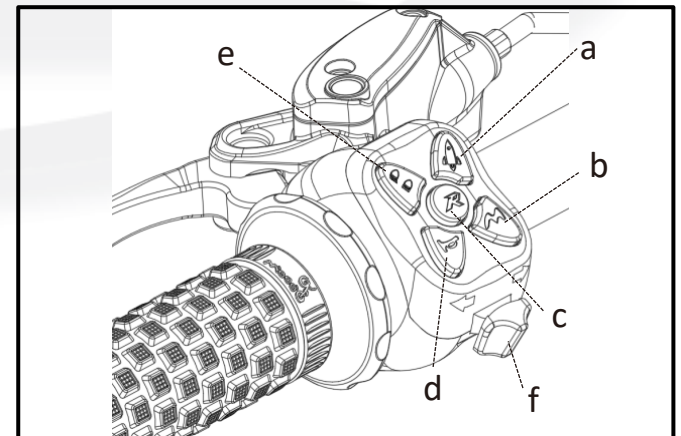
The brake lever for the rear brakes is located on the left handlebar.

In case of applying the brakes, pull the lever toward the handlebars.



Button mechanism on the handle

- a. Rocket mode
- b. Tortoise/ rabbit mode switching
- c. Reverse
- d. Horn
- e. Headlight switch (long press for 2 seconds to turn on).
- f. Turn light

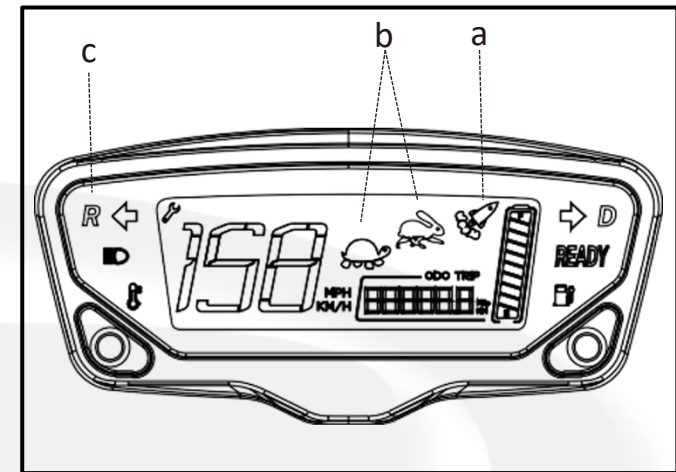




DISPLAY AND CONTROL DEVICES

Driving modes

- a. Rocket mode: The lower vehicle will run at peak power
- b. Tortoise/ rabbit mode switching : click once to switch between tortoise and rabbit, when soc < 20%, automatically cut into tortoise mode, rabbit and rocket are automatically disabled.
*Animated' flashing indicates the current state, long light means it can enter, and light-off means it cannot enter
- c. Reverse: long press for 2 seconds when the vehicle is stationary to enter the reverse mode, .max speed < 9km/h.



Side stand

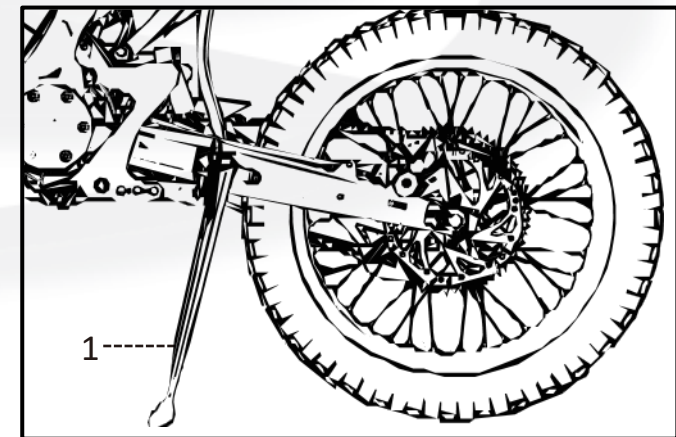
Side stand (1) is located on the left side of the vehicle.
Open the side stand to make the vehicle upright.

The vehicle enters the P-gear without power output state when the side stand is open and rest for 3 mins.

Hold the brake lever for 2s to unlock the vehicle into forward gear.



NOTE: If the side stand is opened, the vehicle cannot output the power.





DISPLAY AND CONTROL DEVICES

Battery Charger

The vehicle is equipped with the battery charger. If there is only one red indicator light left on the meter, please charge the vehicle immediately.

ATTENTION: Only the factory-supplied charger could be used to charge the battery.

There are two charging modes (corresponding to the relevant indicator lights), and the charging rate can be adjusted by pressing and holding the button on the charger for 2 seconds. The charging rate can be switched between 10A or 5A.

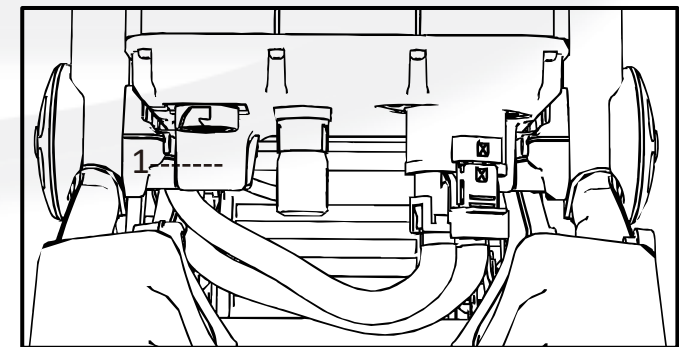
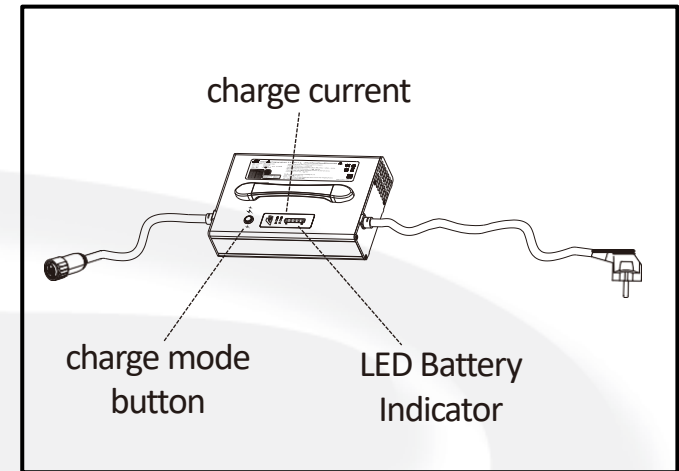
Charging Port

The charging port (1) is located on the battery.

The battery can be charged when it is mounted on or removed from the vehicle.

NOTE: It is recommended to cover the charging port dust cover when not charging to avoid foreign objects entering and damaging the charging port or corroding the charging port and other dangerous situations.

NOTE: The indicator light has the function of status indication and fault indication.





DISPLAY AND CONTROL DEVICES

Troubleshooting charging issues

Item	Charging status	Battery voltage	Indicator Status
		Charging current	
1	Empty load	Battery Unconnected	Fast charging indicator and Slow charging indicator flash.
2	Charging	Press the current switching button, the charging current can be switched between 5A and 10A (when the BMS specifies the charging current is less than 5A, press the current switching button to be invalid).	A total of 5 bar (20% -100%) capacity indicator, the corresponding indicator that are currently charging flash, the completed capacity indicator are often on; when the current switch button is changed, the fast charging or slow charging indicator shows the corresponding 10A/5A status.
3	Battery fully charger		Fast charging indicator and Slow charging indicator goes off; All capacity indicators are often on.
4	Error indication	Battery under voltage or short -circuit (battery voltage is lower than 44V)	The 20% and 40% battery capacity indicator flickering faster.
		Battery overvoltage (battery voltage is higher than 85V)	The 20% ,40% and 60% battery capacity indicator flickering faster
		Battery anti -connection or overheating alarm	The 20% ,40% , 60% and 80% battery capacity indicator flickering faster
		Charger fault (power supply overvoltage, overcurrent, overheating)	The 20%,40% ,60% ,80% and 100% battery capacity indicator flickering faster



DISPLAY AND CONTROL DEVICES

Battery

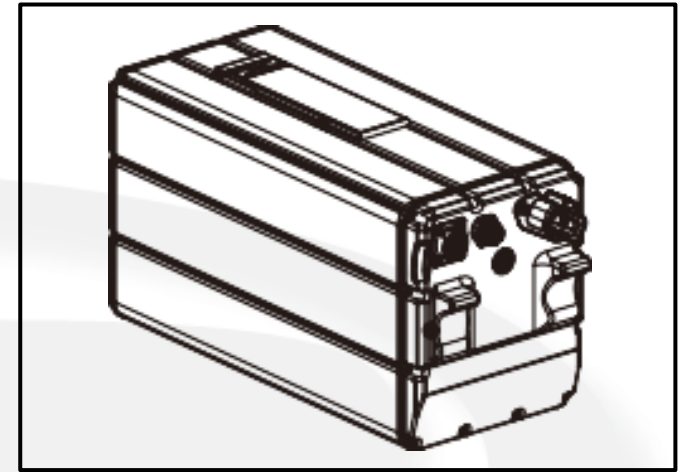
The battery is located under the battery cover.



NOTE: Please observe the warning on the battery, including:
battery charging working temperature: 0~45°C, battery
discharging working temperature: -20°C~55°C.

The battery with low remaining power shall be fully charged before placing it aside for a long time, it is recommended to charge the battery every 30 days when it is not in use, and the battery may enter into the hibernation mode due to low power for more than 90 days without use.

After entering the hibernation mode, the battery can be activated by the charger: first plug in the charger, and then connect the charger to the main supply.



WARNING:



- Do not disassemble or bump the battery.
- Do not leave the battery in an environment of which temperature fails to locate in the range of -25 ~ 70°C.
- Do not put the battery with unconnected or unsealed ports into liquids such as water, acid, alkali, salt water, etc.
- Please read the warning on the battery carefully before use.



DISPLAY AND CONTROL DEVICES

Power indicator

The arc power indicator has a total of 10 grids, each corresponding to 10% power, which is reduced from top to bottom.

- Grid 1: the battery display and the outer frame flash, the remaining power is 0%-10%, please charge it immediately.
- Grid 2: the battery display flashes, and remaining power is 20%.
- Grid 3-10: the remaining power is 30%-100%



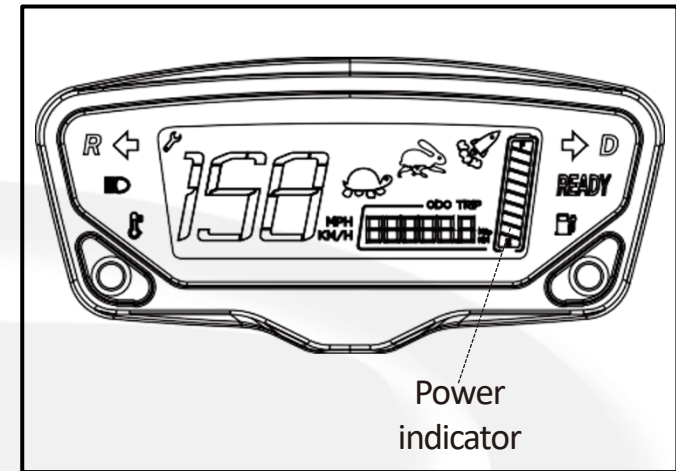
CAUTION:

- Please charge the battery on a regularly basis.
- Avoid completely using up the battery.
- Do not turn on the battery while it is being charged in the vehicle.



WARNING:

- If the battery drops below 20%, the power is limited, and it is forced in tortoise mode.
- If the power drops to below 10%, charge the battery immediately! Failure to do so may cause irreparable damage.

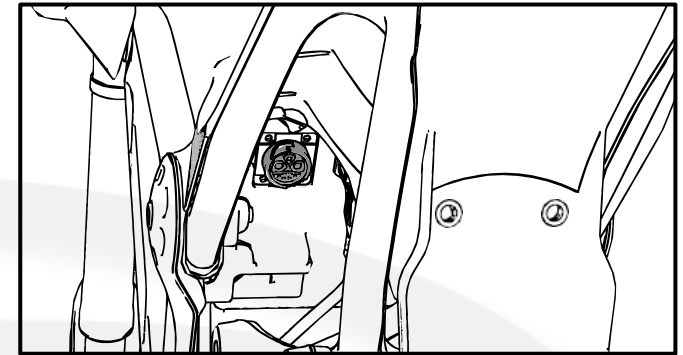




DISPLAY AND CONTROL DEVICES

Operation on Charging the Battery

- Turn off the vehicle.
- Insert the charger plug into the battery.
- Insert the power plug into a 220 V socket.
- The charger indicator will operate while the battery is charging.
- When battery is fully charged, the energy indicator of the charger will illuminate completely and the operating noise will reduce.
- Disconnect the plug.



BE CAREFUL:

- Charge the battery regularly.
- To avoid completely draining the battery charge.
- Do not turn on the battery while it is charging in the vehicle.



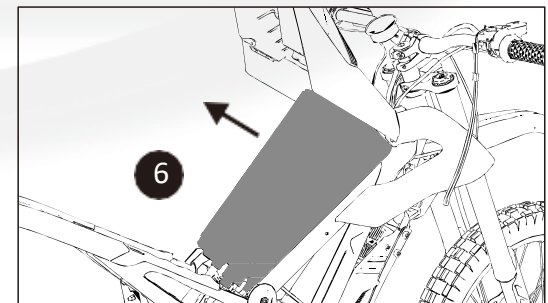
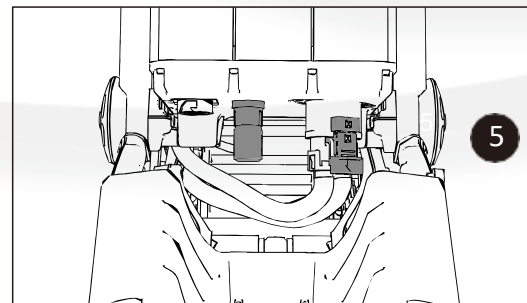
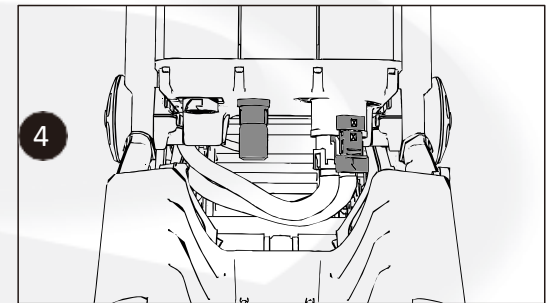
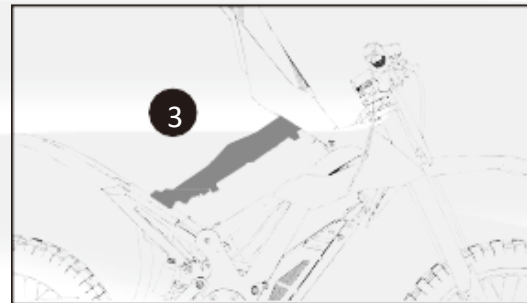
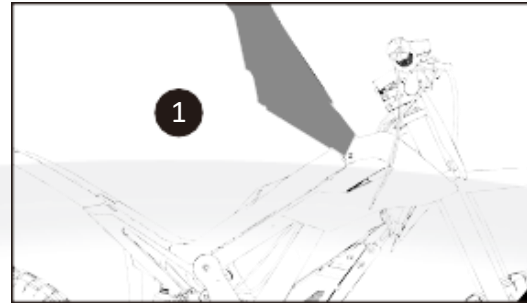
ATTENTION: Please note that never drain the battery until it is completely depleted, otherwise, it will permanently damage the battery. A damaged battery caused by over discharge due to improper operation cannot be repaired and must be replaced at the expense of user.



DISPLAY AND CONTROL DEVICES

Remove the battery

1. Remove the cushion (1)
2. Open the locking mechanism (2)
3. Take off the battery cover (3)
4. Unplug the communication plug (4)
5. Unplug the power supply (5)
6. Lift up the battery (6)



Insert the battery

Insert the batteries in reverse order.



DISPLAY AND CONTROL DEVICES

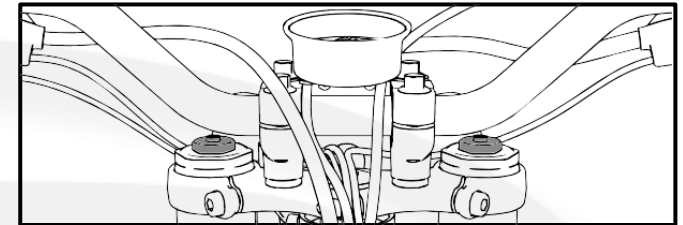
Front Shock Adjustment

The knob above the front shock absorber is responsible for rebound damping adjustment

The rebound damping knob controls the damping during rebound.

If the knob is turned clockwise, the shock rebound is slower.

If the knob is turned counterclockwise, the shock rebound will be faster.

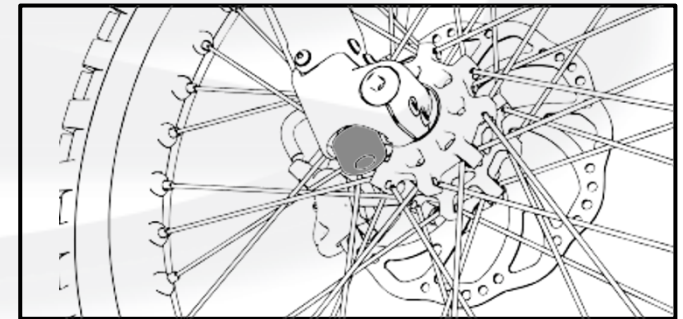


The knob below the front shock absorber is responsible for the compression damping adjustment.

The compression damping adjustment knob controls the damping during compression.

If the knob is turned clockwise, the compression of the damper becomes stiffer.

If the knob is turned counterclockwise, the compression of the shock becomes softer.



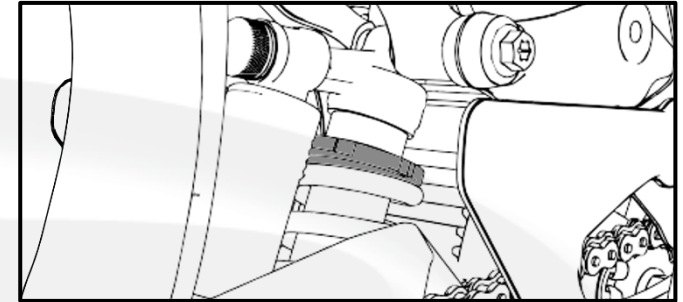


DISPLAY AND CONTROL DEVICES

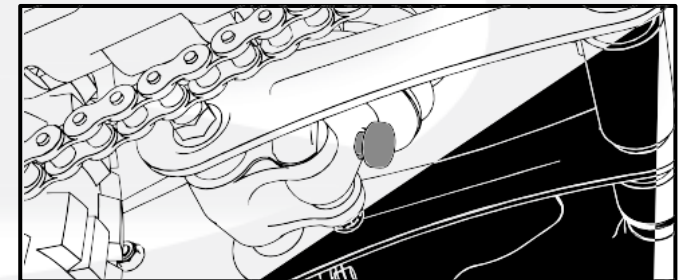
Adjusting the rear shock

Adjusting the rear shock preload

- To adjust the spring preload of the damper, please turn the adjusting knob on the top of the damper (1)
- On the lower side of the damper is the rebound adjustment knob (2).
- The adjustment knob for compression damping (3) is located at the top of the shock



The rebound damping knob controls the damping during rebound. If the knob is turned clockwise, the shock rebound is slower. If the knob is turned counterclockwise, the shock rebound will be faster.



The compression damping adjustment knob controls the damping during compression.

If the knob is turned clockwise, the compression of the damper becomes stiffer.

If the knob is turned counterclockwise, the compression of the shock becomes softer.



INSPECTION BEFORE RIDING

For your safety, please check the condition of your vehicle before each use so as to avoid safety incidents caused by vehicle failure

Items to be checked	Contents to be checked
Brake System	Carry out a check when the vehicle is at a standstill. When you squeeze the brake, you must not hold the brake lever all the way close to the handlebars. The braking system must work with a constant pressure. If it takes several repeated pull of the brake lever to achieve the required braking force, contact an authorized RIEJU dealer to inspect the brake system.
	Check the brake lines for fluid leaks.
	Check the brake pads. If the brake pads are worn to only 1 mm at any point, replace two pads
Tire	Check whether the wheels are running properly.
	Check whether the tires are damaged and the treads of tires are too shallow
	Check tire pressure and correct if necessary
Throttle	Check whether the function of the throttle is normal, and the rotation is smooth without jamming. Whether the return position is normal.
Side Stand	Check the operating status. If the vehicle power is on and the throttle lever is turned, the side stand must be folded.
Body and Hanging Device	Check whether the bolts, nuts and screws are tight
Battery	Make sure the battery is always fully charged before use.
Steering	Check whether there are no faults and lubricate the steering pivot if necessary



INSPECTION BEFORE RIDING

Items to be checked	Contents to be checked
Chassis	Check the function of the shock absorbers by compressing them several times. Also check the front and rear shock absorbers for leaks and dirt.
	Apply the front brakes and push down on the handle several times to check whether the front shocks are working properly. Press the seat hard several times to check whether the rear shock absorber is working properly.
Display and Lighting	Check whether all lights on the display and vehicle are working properly. It is especially important in order to be noticeable to other traffic participants.



WARNING: If a part of the vehicle is found to be defective, do not ride the vehicle.

The manufacturer does not provide any warranty for problems caused by negligence of authorized dealers or lack of care and maintenance of the vehicle user. The manufacturer does not provide any warranty for damage to the vehicle or safety accidents due to violation operation.



WARNING: Before departure, please familiarize yourself with all of the control components of the vehicle and how to operate them Contact your dealer if you have any questions.



RIDING OPERATION

Starting

Turn the key to “”

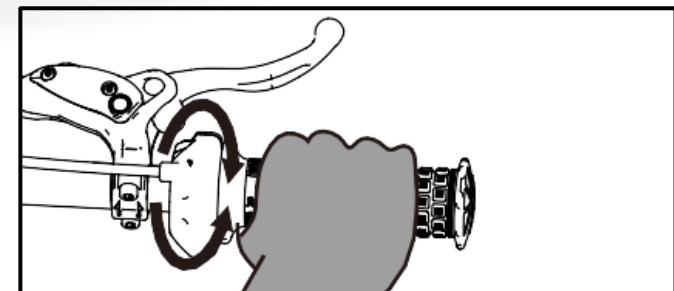
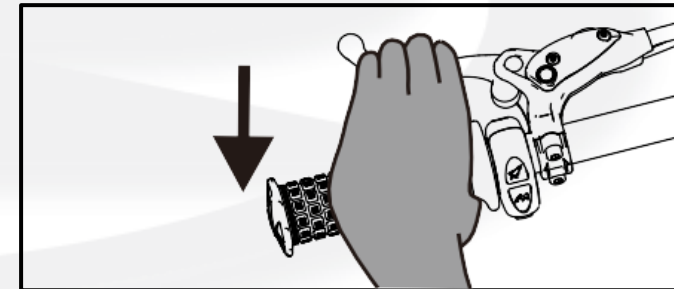
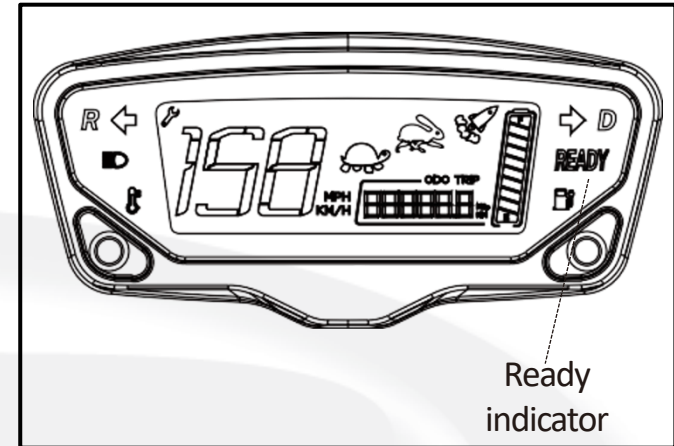


CAUTION:

Make sure the battery is properly installed and fully charged.

Riding

1. Retract the side stand
2. Sit on the seat
3. Hold the brake for more than 2s, the instrument shows ready status.
4. Slowly turn the throttle (right) to start riding.

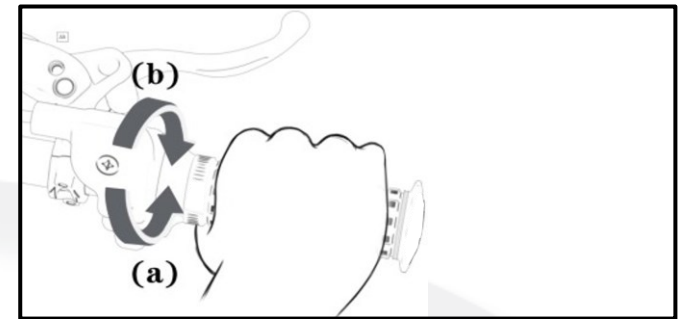




RIDING OPERATION

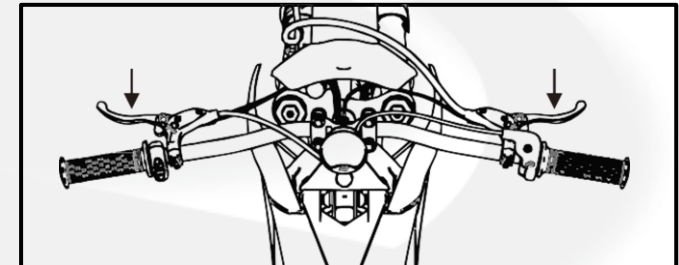
Throttle

To accelerate, turn the throttle to the direction (a); To decelerate, turn the throttle to the direction (b), and use the brake.



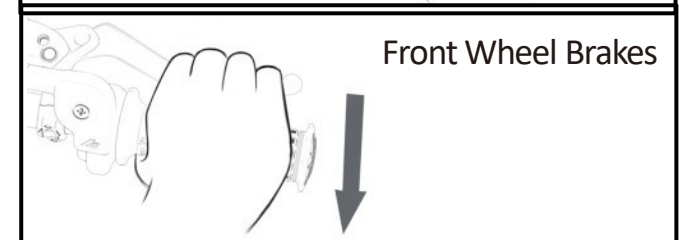
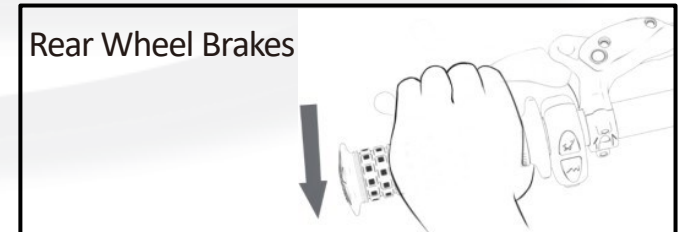
Braking

Turn the throttle fully (b) with no tendency to continue accelerating. Use the front and rear brakes simultaneously and increase the braking force evenly.



WARNING:

- Avoid sudden or violent braking, which can cause the vehicle's tires to skid.
- Braking distances will be extended when braking is applied on slippery surfaces.
- Avoid traveling in bad weather such as heavy rain.
- Drive on dry roads. Slowly descend slopes.
- Control the vehicle and avoid overheating the brakes



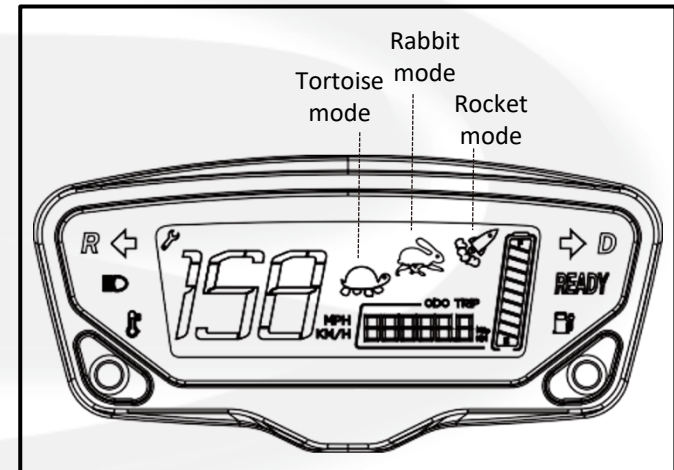
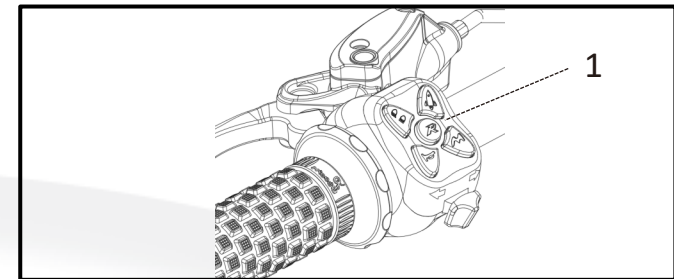


RIDING OPERATION

Selecting a riding mode

Use the ride mode button (1) and select three modes:

- Tortoise mode: in this mode, the power output is limited, and the tortoise icon on the instrument is dynamically flashing.
- Rabbit mode: in this mode, more power is available. The rabbit icon on the instrument is dynamically flashing.
- Rocket mode: press the rocket button to enable this mode, then, it continues to output the maximum power, and the rocket icon on the instrument is dynamically flashing.



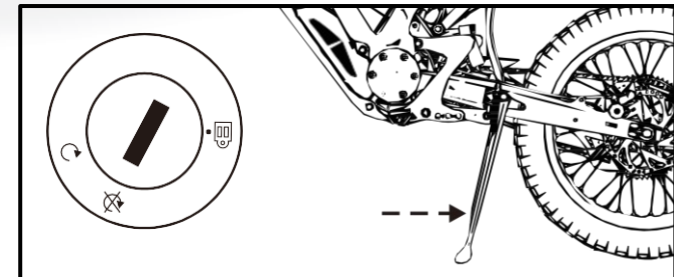
Parking

- Turn off the main switch of the vehicle Put down the side stand.



WARNING:


Make sure that the vehicle is parked on a stable and level ground.






REGULAR MAINTENANCE AND MINOR REPAIRS

The safety and condition of your vehicle are influenced by the proper maintenance, regular inspections, adjustments and lubrication. In the following pages, you will refer to the corresponding instructions. Maintenance information can help you with preventive maintenance and minor repairs.

 **WARNING:** Do not perform any maintenance work that you are not familiar with or that could affect the warranty service

Changes to your vehicle that are not authorized by the manufacturer may result in changes to the vehicle's performance and affect safe driving. If the customer makes such changes without the manufacturer's authorization, the warranty claim would be invalid.

Make sure the tires are at room temperature when checking tire pressure. Please check the tire pressure before each trip to ensure that the tire pressure is at a normal level.

 **CAUTION:** Maintenance work must be done by authorized professional distributors.



REGULAR MAINTENANCE AND MINOR REPAIRS

Tires

Tire pressure must be checked before each trip and corrected if necessary. Check tire pressure on a regular basis.



WARNING:

Do not overload your vehicle. The higher the load on the vehicle, the higher the pressure when the tires rotate and the higher the resistance of the tires, brakes and steering. This can lead to damage or accidents.

A reasonable weight distribution on your vehicle is important for your safety!

Tire Pressure	
Front Tire	Rear Tire
1,8 Bar	1,8 Bar

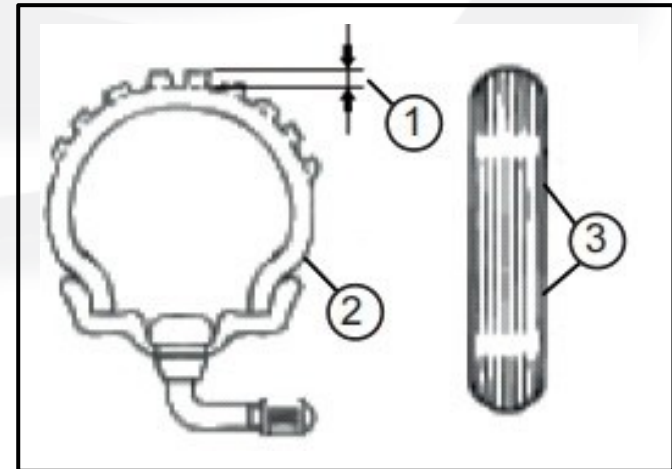
Tire Inspection

1. Tread depth inspection
2. Tire sidewall inspection
3. Tire wear warning line inspection



WARNING:

Please check the wear of your tires before each trip. If you find that your tires have reached the tire wear warning line, please contact a professional to replace with new tires immediately. This is necessary for your safety





REGULAR MAINTENANCE AND MINOR REPAIRS



CAUTION:

The values we give are technical and may differ from the legal requirements in your area.

Minimum tire tread depth:

Front and rear: >3 mm

Size of tires/rims	
Front Tire	Rear Tire
Rim: 1.6x19	Rim: 1.85x18
Tire: 70/100-19	Tire: 90/100-18



WARNING:

Tire wear may affect the stability of the vehicle.

Do not continue riding if the tires are worn to the limit or if they are damaged. It is the responsibility of the dealer to check the condition of the tires when selling the vehicle and when performing maintenance work on the vehicle.

In order to ensure the best performance, durability and safe operation of the vehicle, please operate the rim in question according to the following instructions.

Check the rims for cracks and deformation before every ride. Have damaged rims replaced by an authorized dealer. Do not make any repairs to the rims yourself. A deformed or broken rim must be replaced.



REGULAR MAINTENANCE AND MINOR REPAIRS

Braking System

Brake Tie Rods:



CAUTION:

Please check the front and rear brake lever to ensure that they are working effectively.

Make sure that the brake system provides sufficient braking power. If abnormalities are found, please contact an authorized dealer to check the brake system.



WARNING:

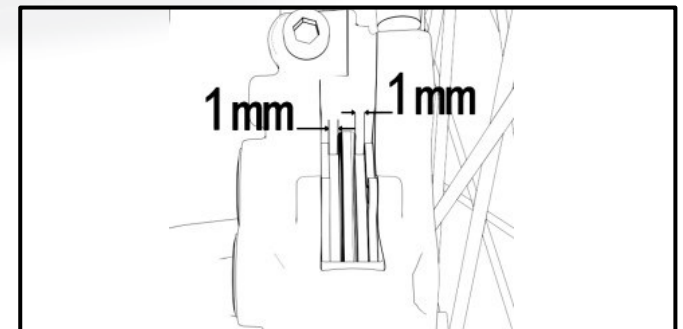
If you pull the brake lever and find that the braking effect is reduced by a soft feel. This is due to water or air entering the braking system, which will result in braking power reducing and can lead to loss of control.

If this is found, please contact an authorized dealer immediately!

Brake Pads:

The front and rear brake pads must be checked before each journey and according to the maintenance table.

Brake Pad Inspection: If the brake pads are worn to a thickness of 1mm, contact an authorized dealer for a new pair of brake pads.



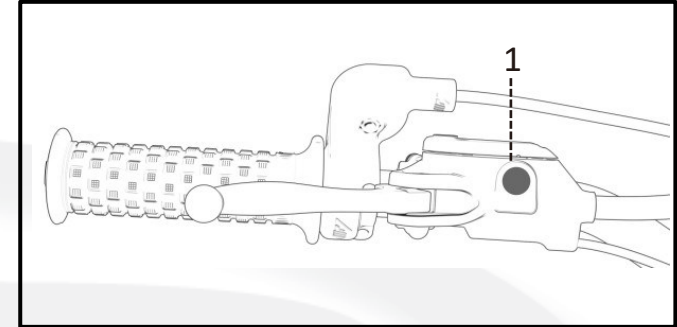


REGULAR MAINTENANCE AND MINOR REPAIRS

Brake Fluid DOT4:

If you encountered problems with your brakes, please contact an authorized dealer. Brake fluid can only be checked and replaced by that dealer.

Please ensure that the brake fluid is always filled with (1) the brake fluid viewing window and that the brake fluid is clear. If there is any abnormality (reduced brake fluid, turbidity), please contact the authorized dealer in time and change.



Lubricating the brake levers

The turning points of the brake levers of the front and rear brakes must be lubricated on a regular basis.

Turning points of the brake lever.

Side stand



CAUTION:

Check the side stand on a regular basis.
Lubricate the metal friction surfaces of the side brackets on a regular basis.



WARNING:

If the side stand do not fold smoothly, please contact an authorized dealer.



REGULAR MAINTENANCE AND MINOR REPAIRS

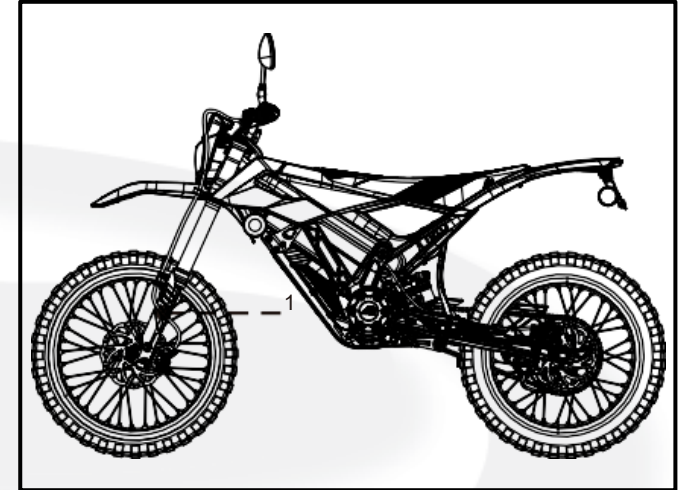
Suspension components

The suspension components (front shock absorber and rear shock absorber) must be checked briefly before each trip and repaired the same if necessary. The shock absorber must be smooth and shake free.

Otherwise, please ask an authorized dealer to check the vehicle.

Check the shock absorbers:

- Park the vehicle horizontally and upright
- Check the running surface (1) for scratches, damage and oil leaks.
- Using the front brake, push the handle down several times to check if the front shock absorber is working properly.
- Press the seat hard several times to check whether the shock absorber is working properly or not.



WARNING:

Before riding, please check that the front shock and shock guard will not interfere with the tires and brake system, which may lead to a safety accident.

If this is found, please contact an authorized dealer immediately.



REGULAR MAINTENANCE AND MINOR REPAIRS

Steering Bearing Inspection

- Place the vehicle on the lift and remove the front wheels
- Lift the front shock and try to wiggle it back and forth.
- If a wobble frame condition is detected, contact your dealer to have the steering system checked.



WARNING:

Please check the steering bearing regularly. A worn or loose steering head bearing is dangerous. Please maintain and lubricate the steering bearings regularly, and replace them if necessary.

Wheel bearings

The wheel bearings of the wheels must be checked according to the service chart.



CAUTION:

If you find a play function on the wheel, or if the wheel does not turn easily, please check whether the wheel bearing is authorized dealer.



REGULAR MAINTENANCE AND MINOR REPAIRS

Chain Tension

Incorrect chain tension can damage the chain discs, bearings, sprockets or the chain itself. In the worst case, the chain may break or jump over the sprockets, which might lead to traffic accidents.

Adjustment to the chain tension shall follow:

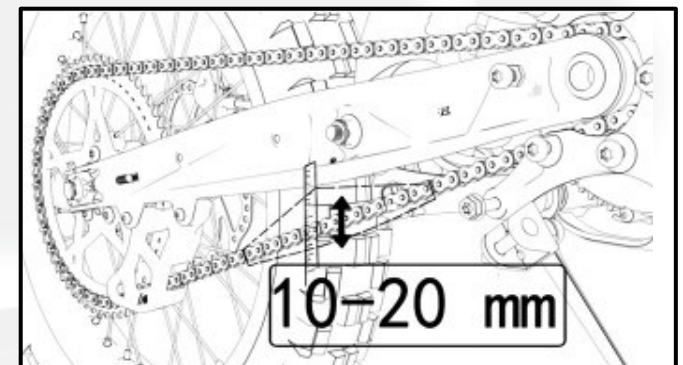
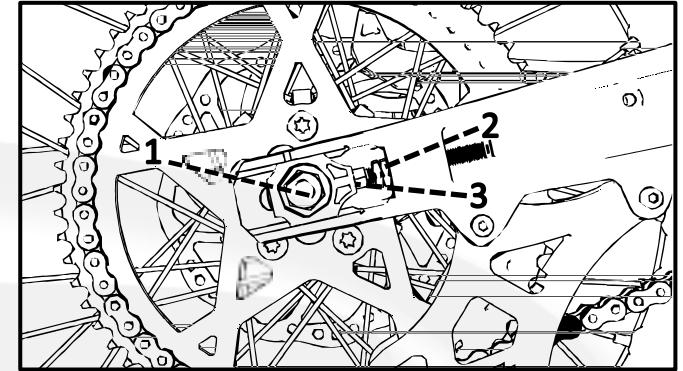
1. Loosen the axle nut (1)
2. Loosen the lock nut (2)
3. Turn the adjusting screw (3) to set the correct tension.
4. When there is no load on the vehicle, the chain tension should be 5-10mm (4)
5. Tighten in reverse order.

Tightening torque

Rear axle nut(1) : 85 - 95 Nm

Battery

The vehicle is equipped with a maintenance-free battery



WARNING:

Never open the battery, which would be dangerous and would permanently and severely damage the battery.



REGULAR MAINTENANCE AND MINOR REPAIRS



CAUTION:

Please ensure that the battery is kept out of other hazardous environments such as open flames or cigarettes, and that there is adequate ventilation.

When charging the battery indoors, make sure that the battery is always placed in a safe place.

Charging the battery:

For information on charging the battery, see the chapter “Instruments and Operation”.

Fuses

If the vehicle’s instrument panel does not work after the circuit breaker and main switch are turned on, it may be caused by a blown fuse.

Replace the fuse

- Turn off the circuit breaker and disconnect the battery.
- Open the white and transparent fuse holder front of the battery, and replace the fuse.

Glass tube fuse 10A

- Check the function of the electrical components.
- If the fuse breaks again, contact your dealer to check the electrical system.



CLEANING AND STORAGE

Cleaning the vehicle

Regular and proper cleaning of your vehicle will extend its life of service

Preparation

- Wait until the motor cools down.
- Close all covers and electrical connections to prevent from water.

Do not use gasoline, rust remover, brake disc cleaner, etc. to clean plastic parts and painted parts, as this will cause them to deteriorate and be damaged.

Clean the vehicle as soon as possible after it has been driven in an environment containing salt.

CAUTION:



It is best to clean the vehicle only with water and mild detergents or special cleaners provided by the professional dealers. Acidic cleaners are prohibited from cleaning the vehicle. If such acidic cleaner are used accidentally, please clean the area immediately to avoid damage to the vehicle. Then, use a dry towel or sponge to dry the vehicle.

Please always follow the care and cleaning instructions provided by the manufacturer.



WARNING:

Do not use high-pressure water guns or steam cleaners to clean the vehicle. This may cause water to enter bearings or electrical components, such as connections, switches or lighting, and may cause damage to brake pads, seals, paint or other parts.



CLEANING AND STORAGE



CAUTION:

Salt is of extreme corrosion

Therefore, these cleaning instructions shall be abided by: wait for the motor to be cooled, as well as use water and a mild detergent. Clean all metals and then treat parts with rust inhibiting spray, including inscriptions and nickel plated parts

Clean the dirt with warm water, a mild detergent and a soft, clean sponge. Then rinse thoroughly with clean water. Use a small brush to clean hard-to-reach areas.

After cleaning

In order to avoid rusting, we recommend the use of a suitable care product.



WARNING:

Make sure that no cleaning agents and lubricants are left on the brake discs, which may cause the brake system to fail while the vehicle is in motion and cause safety accidents. If the brake system is contaminated with such substances, please remove them before use.

Store the vehicle for a long time (two weeks and more)

Clean the vehicle.

- Remove the battery from the vehicle. Follow the instructions in the chapter “Instruments and controls”.
- Check or adjust the tire pressure and lift the vehicle off the ground so that all wheels are not in contact with the ground. If this is not possible, rotate the tires every month to avoid damage caused by partial stress on the tires over time.



CLEANING AND STORAGE



CAUTION:

Always keep the battery charged. Storing a depleted battery will cause permanent damage to the battery



WARNING:

If you are not familiar with the battery, please contact a specialist dealer.

Battery Storage

If the vehicle has not been used for more than one month, remove the battery from the vehicle, charge it, and store it in a dry place at 0-40°C.

- If the battery is stored for more than two months, check the battery level at least once a month and recharge the battery, if necessary.
- If store the battery for a long time, keep the battery cool and dry, and charge the battery for 2 hours every 3 months
- Charge the battery before reinstallation.
- After installation, make sure the battery cables are properly connected.



WARNING:

Store the vehicle in a well-ventilated area. High humidity air can cause rust and corrosion.
If you are not familiar with the battery, please contact a specialist dealer.

Short-term storage of the vehicle (within two weeks)

Store the vehicle in a cool, dry place, protected by a tarpaulin if necessary.



TECHNICAL SPECIFICATIONS AND CHARACTERISTICS

COMPONENT	SPECIFICATIONS
Battery	Capacity 74V / 2590Wh
Brakes	Front and Rear 4-piston hydraulic disc, 210mm
Charging	2-3h with Quickcharge Function
Controller	Sine wave, Best-in-class power density and state-of-the-art motor control algorithms.
Electric motor	Air cooled Permanent Magnet Synchronous Motor, energy regeneration function, Direct drive, 420 chain with DX
Sprocket	11-58T
Rated power	4 kW
Peak power	4 kW**
Max torque of motor	46 N·m
Max Torque of rear wheel	242 N·m
Ground clearance	340mm - 13.39"
Offset	15mm in triple clamps, 45mm in forks.
Seat height	860mm - 33.86"



TECHNICAL SPECIFICATIONS AND CHARACTERISTICS

COMPONENT		SPECIFICATIONS
Trail		111mm - 4.37"
Wheel base		1330mm - 52.36"
Frame		6082 aluminum extruded, forged, CNC machined and steel frame.
Front suspension		Upside Down, 200mm travel, Fully adjustable
Handlebar		6061 aluminium, 760mm length
Rear suspension		Mono-Shock, 74mm travel, adjustable
Ride modes	Mode 1	<u>Tortoise mode</u> : The ultimate mode energy conservation exploration. Limited to 25 km/h with 3.5hrs battery range.
	Mode 2	<u>Rabbit mode</u> : Enduro or active trail riding. 1-2 h riding time.
	Mode 3	<u>Rocket mode</u> : Track and race mode, maximal torque and speed, riding time up to 1h.
	Mode 4	<u>Reverse mode</u> : Limited to 9 km/h.
Range		180 Km (Test data Load: 75 Kg, 20 Km/h uniform speed, ambient temperature: 25 °C, flat pavement, standard tires, standard tire pressure)



TECHNICAL SPECIFICATIONS AND CHARACTERISTICS

COMPONENT	SPECIFICATIONS
Top speed	45km/h
Weight of Battery	15 kg
Weight of whole bike	72 kg
Max load	120 kg
Hubs	Forged and CNC aluminium RFN hubs with 20mm axle.
Rims	F 19"/ R 18" (Motorcycle standard) re-inforced, triple chamber, 7050 aluminium.
Tires	2.75-19" / 3.0-18" lightweight off-road tires for durability and minimum trail wear




WARRANTY

Standards regulating manufacturer **RIEJU'S** warranty.

The company RIEJU hereby guarantees the end consumer, purchaser of a vehicle manufactured by RIEJU, that both the materials and the manufacturing are free from defect, pursuant to the highest quality standards. Consequently, RIEJU hereby provides the end purchaser (hereinafter, the "purchaser"), pursuant to the conditions set forth below, with a warranty to repair all material or manufacturing defects found on a new motorcycle at no cost, within the established warranty period and with no limitation in terms of the number of kilometres travelled or the number of hours the vehicle has been operated.

Warranty Period

The warranty period shall be governed by warranty law in the vehicle's country of sale, in force at the time it is sold.

 Warranty claims for defects not brought to the attention of a RIEJU-authorized dealer before the end of the warranty period shall be excluded.

Purchaser obligations

RIEJU may legitimately reject warranty claims if, and to the extent that:

- a) The purchaser has not brought the vehicle to any of the inspections and/or to undergo maintenance tasks as required in the user manual, or the date set for these inspections or maintenance tasks has passed. Also excluded from the warranty are defects that appear before the date established for an inspection or maintenance task that never occurred, or that will occur after the established date.
- b) Inspections, maintenance work, or repairs have been conducted by third parties not recognised or authorised by **RIEJU**.
- c) Any maintenance or repair has been conducted in violation of the technical requirements, specifications, and instructions set forth by the manufacture



WARRANTY

- d) Replacement parts not authorised for use by RIEJU have been used in maintenance or repair work on the vehicle, or if, and to the extent that, lubricants, or other liquids (including, but not limited to, cleaning products) that were not expressly mentioned in the User Manual's instructions have been used on or in the vehicle.
- e) The vehicle has been, in any way, altered or modified or fitted with components other than the components expressly authorised by **RIEJU** as components allowed for the vehicle.
- f) The vehicle has been stored or transported in a way that is contrary to technical requirements.
- g) The vehicle has been used for a special use other than ordinary use, such as competition, racing, or in an attempt to beat a record.
- h) The vehicle has suffered a fall or accident that directly or indirectly causes damages.

Warranty exclusions

The following articles are excluded from the warranty:

- a) Replacements for wear, including, but not limited to, batteries, chains (secondary), engine output pinions, rear rings, brake discs, brake pads, bulbs, fuses, carbon brushes, footrest rubber, tyres, chambers, wires, and other rubber components.
- b) Lubricants (for example, oil, grease, etc.).
- c) Inspection, adjustment, and other maintenance work, as well as all kinds of cleaning work.
- d) Damage to the paint and consequent rust due to external influences, such as rocks, salt, industrial fumes, and other environmental impacts, or inadequate cleaning with inadequate products.
- e) Damages caused by defects, as well as expenses caused directly or indirectly by the defects (for example, communications expenses, lodging expenses, car hire expenses, public transport expenses, recovery vehicle expenses, emergency messenger expenses, etc.) as well as other financial harm (for example, caused by loss of use of a vehicle, lost income, lost time, etc.).
- f) Acoustic or aesthetic circumstances that do not significantly affect conditions for use of the motorcycle (for example, small or hidden imperfections, normal noise or vibration in use, etc.).



WARRANTY

g) Circumstances due to vehicle ageing (for example, fading of painted surfaces or metal coating).

Miscellaneous

a) If repair of the defect or replacing the part is disproportionate, **RIEJU** shall be entitled to decide, at its sole discretion, whether to repair or replace the defective parts. Ownership over the replaced parts, if applicable, shall be held by **RIEJU**, with no other consideration. The dealer authorised by **RIEJU** whom has been entrusted to repair defects shall not be authorised to make binding statements on **RIEJU'S** behalf.

b) If there is doubt as to whether there is a defect or a visual or material inspection is required, **RIEJU** reserves the right to require that the parts being claimed under the warranty be sent to it, or to request that a **RIEJU** expert examine them. Any additional warranty obligations for replaced parts at no cost or for any services provided at no cost under this warranty shall be excluded. The warranty for replaced components during the warranty period shall end on the expiry date of the warranty period of the respective product.

c) If a defect cannot be repaired and its replacement is disproportionate for the manufacturer, the consumer under warranty shall be entitled to cancellation of the contract (payment of a compensation) or partial reimbursement of the purchase price (discount) instead of motorcycle repair.

d) The purchaser's warranty claims under the purchase-sale contract with the authorised dealer shall not be affected by this warranty. This warranty shall not affect the purchaser's additional contractual rights under the general business conditions of the authorised dealer. However, said additional rights may only be claimed with the authorised dealer.

e) If the purchaser resells the product during the warranty period, the terms and conditions of this warranty shall continue to exist under their current scope, such that rights to claim pursuant to this warranty under the terms and conditions governed by this document shall be transferred to the new owner of the motorcycle.



MAINTENANCE GUIDELINE

Important information

Maintenance shall be subject to time or kilometers, whichever earlier.



WARNING:

Carry out suitable maintenance work on the vehicle.

The warranty can only be granted if the vehicle has been maintained according to this plan



CAUTION:

The vehicle must be continuously checked for rust. The owner is personally responsible for rust prevention

The inspection frequency must be observed, otherwise the warranty will be invalid.		300 Km (185 mi) or 3 Months	1000 Km (620 mi) or 6 Months	Every 1000 Km or 12 Mths	Every 3000 Km	Every 2 years
COMPONENT	ACTIVITY					
Display / switch	Check	Check	Check			
Electric system	Check	Check	Check	Check		
Battery	Check	Check	Check	Check		
Front-wheel bearing	Check and replace	Check	Check		Check	
Rim	Check and replace	Check	Check	Check		
Brake system	Check and replace	Check	Check		Replace	
Braking line	Check				Check	
Brake disc	Check, clean and replace	Check	Check		Clean	
Braking fluid	Check and replace	Check	Check		Check	Replace
Brake pads	Check and replace	Check	Check	Replace	Replace	



MAINTENANCE GUIDELINE

The inspection frequency must be observed, otherwise the warranty will be invalid.		300 Km (185 mi) or 3 Months	1000 Km (620 mi) or 6 Months	Every 1000 Km or 12 Mths	Every 3000 Km	Every 2 years
COMPONENT	ACTIVITY					
Chain, rear sprocket	Check, clean and replace	Check and clean	Check and clean		Replace	
Front shock absorber	Check and clean	Check	Check		Check and clean	
Rear shock absorber	Check and clean	Check	Check		Check and clean	
Steering bearing	Check	Check	Check		Check	
Side stand	Check, clean and lubricate	Check, clean and lubricate	Check, clean and lubricate	Check, clean and lubricate		
Tight of all visible screws and nuts	Check	Check	Check		Check	



RIEJU®
...for everyday adventure