CONTENT

01.PREFACE

Dear Customer,

We are delighted that you have chosen our electric dirt bike and extend a warm welcome to the community of riders who share our commitment to quality and innovation. We sincerely invite you to share your feedback, insights, and suggestions as you explore your new bike. Your satisfaction drives our pursuit of excellence.

As a dedicated manufacturer specializing in electric dirt bike design and production, we have crafted this product with meticulous attention to detail. Our bikes embody a modern aesthetic, superior riding comfort, intuitive operation, robust performance, extended range, and unwavering safety standards. This electric dirt bike is not just a mode of transport—it is a symbol of progress in sustainable mobility.

To fully enjoy the capabilities of your electric dirt bike, we encourage you to read this manual thoroughly before your first ride. By understanding its features, proper use, and maintenance, you will unlock its full potential while reducing wear, avoiding malfunctions, and extending its lifespan.

As we continuously refine and enhance our products, slight variations between this manual and the physical bike may exist. In such instances, the physical product serves as the definitive reference. The company retains the final right of interpretation for this manual.

Thank you for placing your trust in us. We wish you safe and enjoyable rides ahead as you experience the perfect balance of power, design, and sustainability with your new electric dirt bike.

02.PRECAUTIONS FOR SAFE RIDING

1. Verkehrsregeln beachten: Always obey traffic laws and maintain a safe riding speed. Note: The maximum speed of this electric dirt bike is 80 km/h.

2. Practice before riding: Before heading out, read the user manual thoroughly. Practice in an open and safe area to understand the Bike controls, structure, and handling essentials.

3. Inspect before use: Conduct a pre-ride inspection to ensure all components are in proper working condition.

WARNING:

1.Usage Restrictions:

-Do not lend the electric dirt bike to individuals unfamiliar with its operation.
-Avoid riding with one hand or while under the influence of alcohol.

2.Weather Precautions:

-Exercise extra caution when riding in rain or snow.
-Wet and slippery surfaces increase the risk of accidents.
-Reduce speed, steer carefully, and brake earlier than usual to maintain control.

3.Protective Gear:

-Always wear a motorbike helmet with fastened strap.
-Wear appropriate attire: Choose brightly colored clothing that enhances visibility and allows free movement. Avoid restrictive garments or those with open cuffs that could get caught in the bike's mechanisms. For footwear, opt for sturdy, closed-toe shoes; avoid slippers, sandals, or high heels.

4. Load Guidelines:

-The electric dirt bike is designed to carry up to two riders. However, ensure the combined weight of both riders does not exceed the bike's maximum load capacity. Overloading beyond the specified limits can negatively impact balance, handling, and performance, increasing the risk of accidents. Additionally, excessive weight may cause undue stress on the bike's components, leading to potential damage. Always ride responsibly and within the recommended load capacity for a safe and enjoyable experience.

Pay attention to:

To ensure smooth maintenance, repair, and service, each electric dirt bike is assigned a unique frame number and motor number. These identifiers enable our service and marketing teams to provide you with efficient and personalized support.

-**Frame Number:** Engraved on the side of the vertical pipe on the bike's frame.
-**Motor Number:** Engraved on the body of the motor itself.

Please make a note of these numbers and provide them when seeking assistance or service for your bike.

03.SCHEMATIC DIAGRAM OF THE ELECTRIC DIRT BIKE & ITS PARTS

Refer to the accompanying figure to identify and understand the key components of the electric dirt bike. Familiarizing yourself with these parts is essential for proper operation, maintenance, and overall safety.

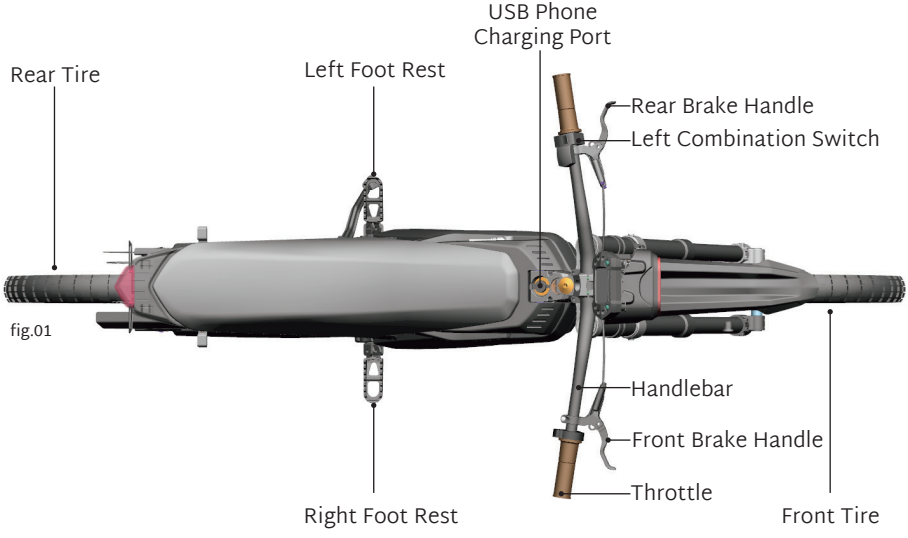


fig.01

04.FUNCTION AND OPERATION OF EACH PART

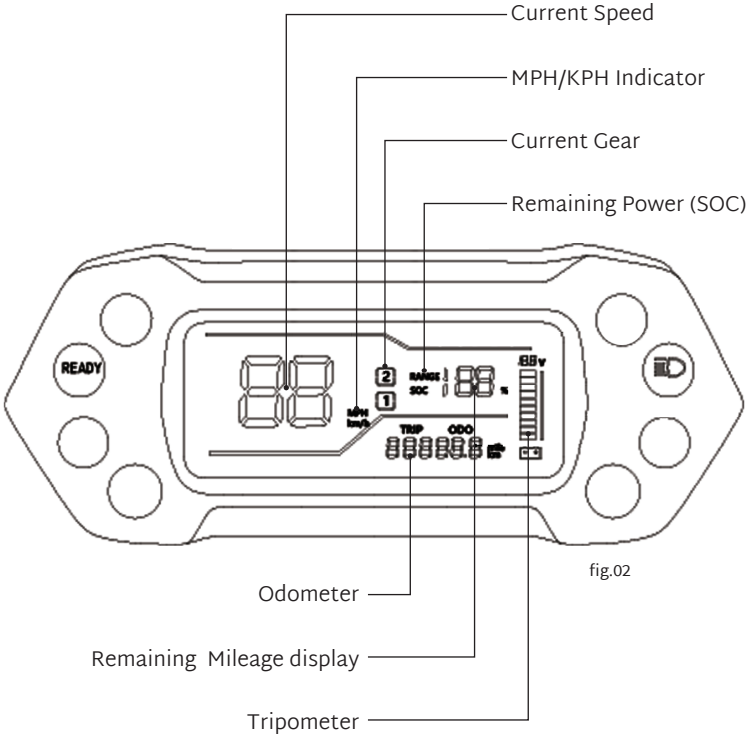


fig.02

Detailed Functions and Operations

Functionality of Key Areas

1.Combination Switch:

-Power Mode Selection: Toggle between different riding modes to suit your needs.
-Signal Activation: Use to operate the turn signals for safer navigation.
-Alarm Horn: Activate the horn for alerts and warnings.

2.Battery Meter:

-Displays the remaining battery power at a glance. Simply press the meter to check the current charge level.

3.USB Power Interface:

-Provides power to USB-compatible devices, such as phones or GPS units, with a maximum current output of 1A.

4.Electric Ignition Lock:

-Serves as the ignition system. Turn it to the „ON“ position to activate the motor and enable all bike functions.

Switch Adjustment and Settings

The combination switch allows you to choose between two power modes:

Position 1: Economical Mode

-Limits the bike's power output and maximum speed.
-Ideal for beginners or extended rides requiring efficient energy use.

Position 2: Sport Mode

-Enables full power output for maximum speed and performance.
-Best suited for off-road riding and more dynamic, playful conditions.

Instrument Panel Button Functions

1.Unit Selection:

-After powering on the meter, press and hold the right button to toggle between metric units (km/h) and imperial units (mph).

2.Mileage and SOC Display:

-After powering on the meter, press and hold the left button to switch between the display of remaining mileage and the State of Charge (SOC).

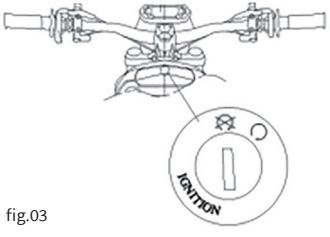


fig.03

05.CORRECT USE AND RIDING OPERATION

Starting method

Before starting your electric dirt bike, follow these steps to ensure proper operation and safety:

1.Pre-ride Check:

-Stand on the left side of the electric dirt bike and visually inspect it.
-Turn the main switch to the ON position and close the battery compartment.
-Insert the key into the lock, turn it to the ON position (operation), and check that the switches, instruments, and horn are functioning correctly.
-Squeeze and release the brake handles to confirm the braking system is operating properly.

2.Motor Start:

-Ensure the side stand is fully retracted, as the electric dirt bike is equipped with a side-stand safety feature that disables the motor when the stand is deployed.
-Once seated on the bike, gently and steadily rotate the throttle handle to start the mo tor.

Speed Adjustment

1.Throttle Operation:

-The throttle handle starts in the neutral (closed) position.
-Rotate it inward to accelerate and outward to decelerate. Releasing the handle will automatically return it to the neutral position, stopping the motor.

2.Smooth Speed Control:

-Operate the throttle handle gently and steadily to avoid sudden acceleration or decele ration.
-Abrupt or forceful throttle movements can increase the risk of accidents and may damage bike components.

By adhering to these guidelines, you can ensure a safe and smooth riding experience while minimizing wear and tear on your electric dirt bike.

06. CORRECT USE AND RIDING OPERATION: BRAKE USAGE

Proper braking technique is essential for maintaining control and ensuring a safe riding experience. Follow these detailed guidelines for effective brake operation:

1. Engage the Brake System Safely

-Immediately release the throttle by allowing the speed regulating handle to return to its neutral position.
-Firmly grip both the left and right brake handles simultaneously, applying even and appropriate pressure to ensure balanced braking.

2. Adjust Grip Force Appropriately

-Apply brake pressure gradually, starting with light force and increasing it as needed.
-This approach helps maintain stability and prevents abrupt stops that may cause loss of control.
-The force applied to the brake handles should be adapted to the riding conditions, inclu ding speed, terrain, and the load being carried.

3. Anticipate and Avoid Sudden Movements

-Always anticipate braking needs by observing your surroundings and judging road conditions in advance.
-Avoid sharp braking or sudden steering maneuvers, as these actions can lead to skidding, side-slipping, or losing balance.
-Be extra cautious on slippery surfaces, especially in wet or rainy conditions, as reduced traction increases the risk of accidents.

4. Special Considerations for Wet or Slippery Roads

-Reduce your speed and maintain a safe distance from other vehicles to allow for longer braking distances.
-Gently apply the brakes to avoid locking the wheels, which could result in a skid or fall.
-Avoid abrupt or aggressive movements, as wet surfaces significantly reduce tire grip and stability.

By mastering these braking techniques and adapting to road conditions, you can enhance your safety and prolong the life of your electric dirt bike's braking system.

Caution when riding

To ensure safety, protect your electric dirt bike, and maximize its performance, please adhere to the following guidelines:

1. Drive Smoothly for Optimal Performance

-Always prioritize smooth and controlled riding. Avoid rapid acceleration or sudden deceleration, as these actions:
- -Consume excessive battery power.
- -Place unnecessary strain on the bike's components.
- -Reduce the bike's range and service life.

-A steady and balanced riding approach enhances both safety and durability.

2. Special Precautions for Rainy or Snowy Conditions

-Wet and slippery road surfaces during rain or snow pose significant risks. Always ride at a reduced speed to maintain control.
-After washing the bike or riding through water, braking performance may be temporarily reduced. In such cases:
- -Gently apply the brakes several times to help restore their effectiveness.
- -Drive cautiously until the braking system returns to normal operation.

3. Avoid Riding in Deep Water or Heavy Rain

-Refrain from riding in waterlogged areas where the water level exceeds the center of the wheels, as this can negatively affect the motor and braking systems.
-While the electric dirt bike is designed for use in light rain or snow, it is not intended for prolonged deep-water wading. If water rises above the controller or other electrical components, serious damage may occur to the bike's electronics.

4. Proper Use of the Side Stand

-The side stand is designed solely for supporting the electric dirt bike when stationary.
-Do not sit on the bike while the side stand is deployed, as this can damage the stand and compromise its functionality.

By following these precautions, you can enhance the safety, reliability, and longevity of your electric dirt bike in various riding conditions.

Parking Method

Proper parking ensures the safety of your electric dirt bike and reduces the risk of accidents or theft. Follow these steps for safe and secure parking:

1. Approach the Parking Spot Safely

-Monitor your surroundings, especially the rear, while gradually reducing speed as you approach the parking location.
-Choose a safe and stable surface for parking.

2. Stop and Secure the Bike

-Use the brakes to bring the bike to a complete stop, ensuring the speed control handle is reset to the neutral position.
-Once the bike has stopped, switch off the ignition lock by turning the key to the „OFF“ position and remove the key.

3. Position and Lock the Bike

-Stand on the left side of the electric dirt bike.
-Deploy the side stand to firmly support the bike. Ensure it is fully extended and the bike is stable.
-When leaving the bike:
-Lock the ignition system.
-Secure the front direction lock (if equipped) to prevent the handlebars from being moved.
-Lock the battery compartment to prevent unauthorized access.
Take the keys with you for safety.

Warning:

-Never twist the speed control handle before seating: Accidental acceleration can lead to loss of control or injury.
-If an emergency occurs after dismounting, immediately turn off the ignition key to disable the bike.

07.PROPER USE OF BATTERY AND CHARGER

The electric dirt bike is equipped with a high-performance lithium-ion battery with a safe operating voltage of 60V, designed for optimal use between 0°C and 45°C. For best performance and longevity, operate the battery in an ambient temperature range of 10°C to 30°C. Extreme temperatures outside this range can affect the battery's performance and service life.

Important Usage Guidelines

1.Temperature Considerations:

-Avoid using the battery in temperatures beyond the specified range.
-Do not charge the battery at temperatures below 0°C, as it may result in permanent damage. Allow the battery to warm up to an appropriate temperature before charging.

2.Performance in Low Temperatures:

-At low temperatures, the battery's performance may temporarily decrease, leading to slightly reduced mileage. This is normal, and the performance will recover when the battery temperature rises.

3.Charging Practices:

-The battery includes advanced protection features to prevent damage from overcharging or over-discharging.
-Avoid prolonged deep discharges, as they can degrade battery performance. Charge the battery as soon as possible when the power level is low.
-The lithium battery does not have a memory effect, so frequent charging is encouraged and helps maintain battery health.

4.Long-term Storage:

-If the bike will not be used for an extended period, charge the battery to approximately 60% before storing.
-Recharge the battery every 3 months to maintain its activity and prevent performance degradation.

Warning:

-Do not charge the battery below 0ºC, as this will damage it.
-Always allow the battery temperature to rise to an acceptable level before recharging.
-Frequent charging is beneficial for maintaining battery health, but ensure not to discharge the battery deeply over extended periods.

By adhering to these guidelines, you can maximize the efficiency, safety, and lifespan of the battery, ensuring optimal performance for your electric dirt bike.

Be Careful

To ensure safe and effective operation, consider the following precautions:

1.Braking Technique:

-Using only the front or rear brake increases the risk of skidding or losing control.
-For optimal safety and stability, always apply combined braking by using both brakes simultaneously.

2.Automatic Power Reduction:

-If the motor or controller temperature becomes too high, or if the battery power is criti cally low, the electric dirt bike will automatically reduce power output.
-This is a safety feature designed to protect the bike's components and is not indicative of a fault.

Battery Charging and Charger Usage

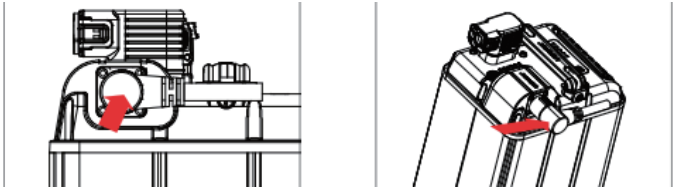


fig.04

1.Charger Specifications:

-The electric dirt bike is equipped with a lithium battery charger. Use only the original charger provided to avoid damaging the battery or causing safety hazards.
-Confirm that the charger's input voltage aligns with your grid voltage (AC 110V-220V).

2.Charging Process:

-Locate the charging socket on the left side of the bike's body.
-Follow these steps for proper charging:
    -Insert the charger's output plug (battery side) into the charging socket of the bike.
    -Plug the charger into a wall outlet.
-The charger's indicator light provides the following status updates:
    -Flashing light: Charging in progress.
    -Steady light: Charging is complete.

3.Charging Time:

-The time required to fully charge the battery depends on its remaining power and the charger specifications. On average, it takes about 3 hours to fully charge the battery.

Charging Guidelines

1.Automatic Shut-Off:

-Once fully charged, the charger will shut down automatically. However, to ensure safety and prevent damage:
    -Avoid leaving the charger connected to the power grid for an extended period.
    -The maximum charging time should not exceed 6 hours.

2.Battery Reset:

-If the battery protection system activates due to excessive discharge, it can be reset and recharged by pressing the red reset button on the charger before beginning the charging process.

3.Battery Handling:

-Do not disassemble the battery under any circumstances. Unauthorized disassembly can lead to damage, reduced performance, or dangerous situations such as electrical hazards.

Precautions for Charging

1.Safe Charging Environment:

-Always place the charger in a safe location out of the reach of children.
-Use the charger in a dry, well-ventilated area to prevent overheating. Avoid covering the charger with any objects during use.

2.Delay Before Use:

-After the battery is fully charged, allow it to rest for 10 minutes before using the bike. This helps stabilize the battery and ensures better performance.

3.Monitor Charging Process:

-If you notice any of the following during charging, stop charging immediately and contact a maintenance service:
-Unusual smells or overheating.
-The charger remains warm but does not indicate a full charge after an extended period.

08.BATTERY DISASSEMBLY AND ASSEMBLY

Removing the Battery

1.Turn off the electric lock.
2.Use the key to unlock the battery lock on the right side of the bike.
3.Open the seat forward to access the battery.
4.Disconnect the discharge plug and communication plug from the battery.
5.Lift the battery out and close the seat.

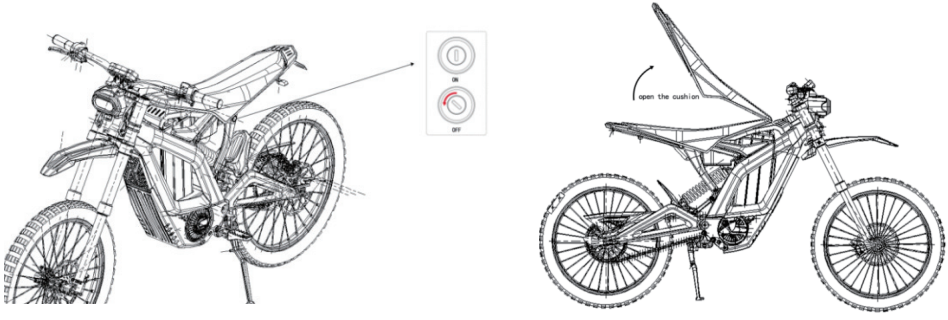


fig.05

Installing the Battery

1.Use the key to unlock and open the seat.
2.Place the battery into the compartment with the charging socket facing the left side of the bike.
3.Reconnect the discharge plug and communication plug.
4.Close the seat, lock it, and remove the key.

Use and Maintenance of Motor and Controller

1.Inspect Motor Screws:

-Regularly check that the motor screws are securely tightened to prevent potential issues.

2.Check Motor-Controller Connections:

-Ensure the connections between the motor and controller are secure and the insulation is intact.

3.Inspect the Fuse:

-Regularly check that the fuse is not loose to maintain proper electrical function.

4.Avoid Deep Water:

-Do not ride through deep water, as it may compromise the motor and controller's electrical performance.

5.Gear Oil Replacement:

-After the bike has traveled 5,000 kilom ters, replace the motor's special gear oil.
-Add 60ml of gear oil, following the recommended procedure. Failure to do so can reduce the motor's service life.

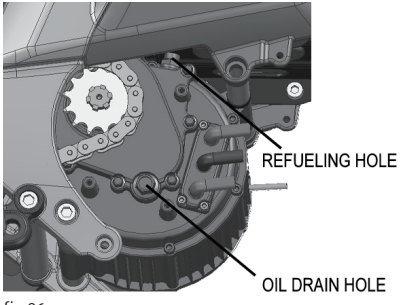


fig.06

09.PRE-RIDE CHECK

Tire Inspection

Perform the following tire checks before riding to ensure safety and optimal performance:

1.Tire Pressure:

-Check that the tire pressure is within the recommended range: 225 kPa for both the front and rear wheels.

-Low pressure can cause:
-Abnormal tire wear.
-Poor steering and reduced speed.
-Decreased endurance and mileage.

-High pressure can lead to:
-Uneven wear, discomfort, or a flat tire.
-Increased risk of safety hazards.

-Judge appropriate pressure by observing the slight depression where the tire contacts the ground.

2.Tire Condition:

-Inspect for cracks, abnormal wear, or damage.
-Ensure there are no embedded objects such as nails, stones, or glass that could punc ture the tire.

3.Tread Depth:

-Check the depth of the tire tread. Replace the tire if 2/3 of the tread is worn down.

4.Wheel Spokes:

-Verify that the spokes on the wheel rim are secure and not loose.

Pay Attention To

Proper tire maintenance is critical for safe riding. Keep the following points in mind:

1.Abnormal Tire Pressure:

-Incorrect tire pressure can result in serious safety hazards while riding.

-Low Tire Pressure:
-Causes abnormal wear and tear.
-Leads to poor steering, reduced speed, and decreased mileage.

-Excessive Tire Pressure:
-Results in uneven wear and discomfort.
-Increases the risk of punctures and other safety issues.

2.Regular Checks:

-Always ensure the tire pressure is within the recommended range for optimal performance and safety.

Warning: Inspection and Maintenance

Regular inspections and timely maintenance are critical for ensuring safety and performance. Follow these guidelines for proper checks:

1.Tire Inspection and Maintenance

-Perform the first maintenance after 300 km during the running-in period.
-Schedule regular maintenance every 1,000 km afterward.

2.Meter, Horn, and Brake Checks

-Open the ignition lock to confirm all meter displays function properly.
-Test the horn to ensure it operates normally.
-Check the front and rear brakes by squeezing the left and right brake handles.

3.Handlebars and Seat Cushion

-Ensure the handlebars and seat cushion are securely adjusted and fixed.

4.Addressing Issues

-For any problems found during inspection, refer to this manual or contact your dealer for professional support.

10.REGULAR INSPECTION AND SIMPLE MAINTENANCE

To ensure the safety, comfort, and longevity of your electric dirt bike, regular inspections and maintenance are essential. This includes performing checks even during long periods of inactivity.

Inspection Guidelines

1.Initial Inspection:

-Inspect and maintain your electric dirt bike after the first 300 km of use.

2.Regular Inspections:

-Continue periodic checks, especially before and after extended periods of storage.

3.Safety Measures:

-Perform inspections in a wide, flat, and safe area.
-Be aware of your surroundings and ensure a safe environment during the process.

4.Address Abnormalities:

-If any issues are identified, resolve them before riding.
-For unresolved issues, consult a maintenance station for professional assistance.

Brake System Maintenance

1.Brake Wear:

-The front and rear brakes use disc brakes. Replace the friction plates under the following conditions:

-If the friction material thickness is reduced to 1.0 mm.
-After every 1000 km of use or if excessive wear is observed.

2.Cleanliness:

-Keep the disc brake system clean and free of dirt, sediment, and especially oil, as these can impair braking performance.

Inspection of Operation Site

1.Front Shock Absorber

-Check for bending, deformation, damage, looseness, oil leakage, or abnormal sounds by shaking the handlebars.
-For any issues, consult a service shop and refer to the shock absorber manual for maintenance and adjustments.

2.Rear Shock Absorber

-Inspect for damage, looseness, oil leakage, or abnormal wear.
-Shake the spring to check for looseness or sticking in the bearing/bushing. Ensure proper lubrication.
-Seek professional servicing if abnormalities are found.

3.Brake Inspection

-Measure the free clearance of the brake lever. The ball end of the handle should move within the specified range of 15-30 mm.
-If out of range, adjust using the method shown in the diagram.

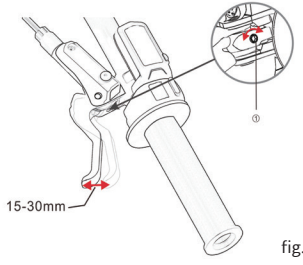


fig.07 Diagram of adjusting brake clearance

Brake and Tire Inspection

1.Brake Handle Clearance

-Check if the gap of the brake handle is within the specified range of 1.5-30 mm.
-If the clearance is outside the range, adjust the brake handle accordingly.

2.Braking Effect Inspection

-On a dry and flat road, test the braking effect at low speed:

-Use the front brake and then the rear brake independently to ensure proper functioning.

3.Tire and Wheel Inspection

-Tire Pressure:
-Check tire pressure using a barometer when the tires are cool.

-Tire Condition:
-Inspect for cracks, damages, foreign objects, or abnormal wear.

-Spokes:
-Ensure the spokes of the wheel are not loose.

4.Chain Tension Inspection

-Check the chain tension. The distance between the top and bottom of the chain should be 10-15 mm.
-Note: The manufacturer adjusts the chain tension before delivery. Do not adjust it your self without proper guidance.

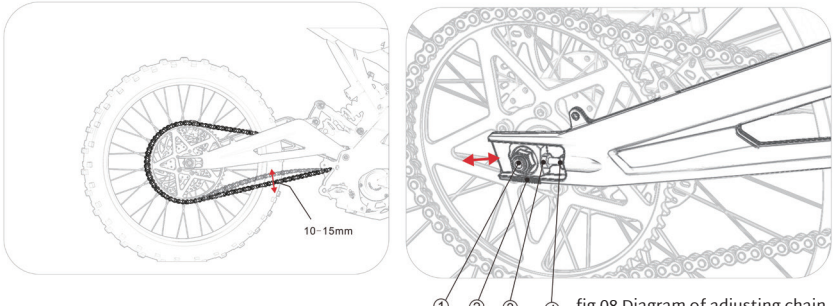


fig.08 Diagram of adjusting chain

Method for Adjusting Chain Looseness

1.Position the Bike:

-Place the electric dirt bike on a stable platform so that the rear wheel is elevated and can rotate freely.

2.Loosen the Bolts:

-Use a No. 18 socket wrench and a No. 8 Allen wrench to slightly loosen bolt (1).
-Use a No. 10 open-end wrench to loosen bolt (4).

3.Loosen the Adjuster Bolt:

-Use the No. 10 open-end wrench to loosen bolt (3) to allow for chain adjustment.

4.Adjust the Chain Tension:

-Adjust the chain to the appropriate looseness by observing the scale markings (2) on both sides to ensure they align equally.

5.Tighten the Bolts:

-Fasten the bolts in the following order: bolt (4) first, then bolt (1), ensuring both sides are secure.

Tire Maintenance and Safety

1.Preventing Tire Damage

-Avoid riding over sharp objects such as stones, glass, or nails, as they can damage the tires.
-Regularly inspect tires for:

-Cracks or visible damage.
-Foreign objects embedded in the tire, such as glass or stones.
-Abnormal wear and tear that may compromise safety.

2.Tire Groove Depth Check

-Replace the tire when the groove wear reaches 2/3 of the bump height (lug height: 7 mm).
-If you notice abnormal sounds or wobbling, visit a maintenance station.

3.Axle Torque Guideline

-Middle axle: Tighten to 30 N·m.
-Rear axle nut: Tighten to 40 N·m.

4.Braking Precautions

-If holding the brake handle tightly does not produce the desired braking effect:

-Check the disc for cleanliness and clean if necessary.
-If the issue persists, have the brakes inspected at a maintenance station.

11.PAY ATTENTION TO

1.Handling the Battery

-Always turn off the ignition lock before removing or installing the battery.
-If the battery cannot be inserted smoothly, do not force it. Remove it and inspect for foreign objects causing obstruction.

2.Replacing the Fuse

-Identify the Issue:

-If the instrument, horn, or lamps fail to work after turning on the ignition lock, the fuse may be blown.

-Replace the Fuse:

1.Open the battery cover and remove the battery.
2.Locate and open the fuse box.
3.Remove the blown fuse and replace it with the spare fuse stored in the cover.
4.Close the fuse box, reinstall the battery, and secure the battery cover.

Pay Attention To

Fuse Handling and Replacement

1.Ensure the fuse is securely fixed to avoid overheating and hazards.
2.Always replace with a fuse of the correct specification; using the wrong type can disable fuse protection.
3.If a fuse blows repeatedly, inspect for underlying issues.
4.Keep the fuse protected from water exposure.

Main technical parameters

No.	Type	Parameter
01	Overall Dimension	1900x780x1050 mm
02	Wheel Base	1295 mm
03	Overal Weight	72 kg
04	Rated Load	100 kg
05	Minimum Ground Clearance	270 mm
06	Height of Seat	835 mm
07	Top Rake	26 degrees
08	Maximum Gradeability	70%
09	Maximum Speed	80 km/h
10	Power System	High Speed Mid-set Brushless DC Motor
11	Motor Rated Power	3500W
12	Maximum Output Power	5700W

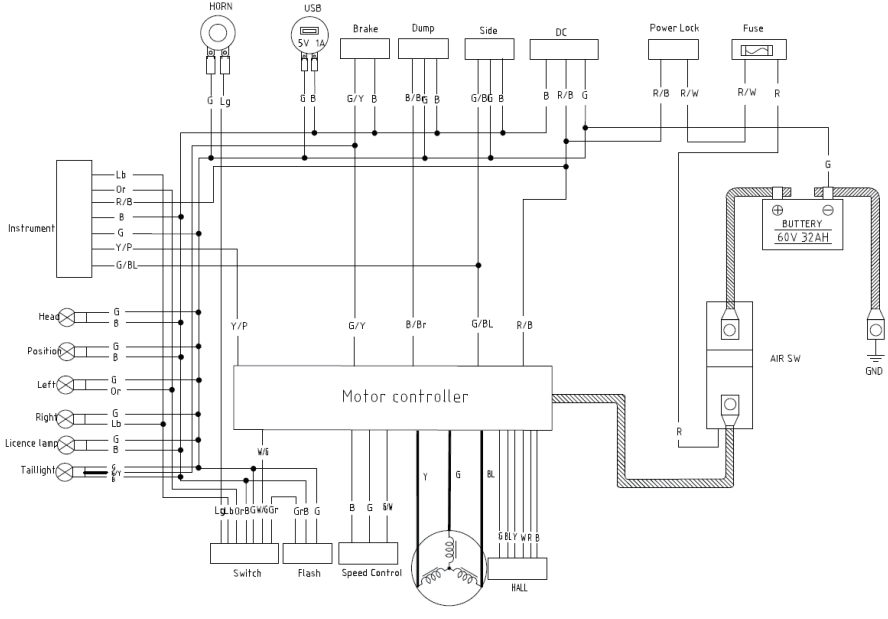
13	Maximum Torque of Driving Wheel	210N.m
14	Battery Type	High-rate Ternary lithium battery 60V40AH
15	Endurance Mileage Per Charge	70-100 km
16	Charging Time	6-8 hours (depends on charger)
17	Overcurrent Protection	AC110/220V - 50/60 Hz
18	Power Mode	Economic/Sport Mode
19	Body Structure	Dual beam cradle type - Aluminum forged frame
20	Rim Type	Aluminum 191.4 / 1916
21	Tire Type	Off-road tire: 70/100-19, 80/100-19
22	Tire Type (Highway)	Highway tire: 90/80-17
23	Front Suspension System	Shoulder inverted fork - adjustable damping, 200mm stroke
24	Rear Suspension System	Multi-link hydraulic spring, central air chamber, adjustable damping, 80mm stroke
25	Front Brake Type	Manual - Four hydraulic piston, 203mm disc
26	Rear Brake Type	Manual - Four hydraulic piston, 203mm disc
27	Second Gearing System	420 Chains, 122 sections
28	Light System	Full LED light
29	Dashboard	LCD
30	Phone Charging Port	USB - 5V, 1000mA
31	Product Certification	CE Certified

12.COMMON FAULT PHENOMENA AND TROUBLESHOOTING

No.	Failure	Cause	Troubleshooting
01	**Motor not working after connecting to power**	Battery connection is loose	Check the connection of the cable.
		Speed control cable connection is loose	Check the connection of the cable.
		Motor cable issue	Check the connection of the cable.
		Brake handle not bouncing back or brake handle failure	Check the brake handle and brake switch.
		Side bracket shutdown sensor failure	Check for a short circuit in the side bracket shutdown switch.
02	**Speed control failure or low maximum speed**	Low battery voltage	Check the battery voltage; ensure it is above 50V.
		Failure of central speed control	Contact the service shop to replace the central speed control

03	**Short Endurance Mileage Per Charge**	Low tire pressure	Inflate tires to the appropriate pressure: 225 kPa.
		Insufficient charge or charger failure	Fully charge the battery or check the charger's plug connection.
		Inappropriate brake adjustment	Adjust the clearance between the disc and brake pad by correcting the position of the main and lower pumps.
		Battery aging or damage	Replace the battery.
		Driving uphill, upwind, frequent acceleration, deceleration, or heavy load	This is normal under these conditions.
04	**Charger Not Charging**	Loose plug of the battery set	Open the battery case and secure the plug.
05	**Abnormal Noise While Driving**	Inappropriate chain looseness	Adjust the chain tension.
06	**Other Failures**	Faults that cannot be eliminated or identified	Contact the supplier or repair station for assistance. Avoid unauthorized repairs to maintain warranty.

13.ELECTRICAL SCHEMATIC DIAGRAM OF THE ELECTRIC DIRT BIKE



Horn USB Brake Dump Side DC Power lock Fuse:5A/12V Buttery Motor controller Speed control Flash Switch Tail-light Licence lamp Right Left Position Head Instrument

14.AFTER-SALES SERVICE AND WARRANTY SCOPE

Dear Users:

To protect your rights and ensure the best service experience, please follow these guidelines:

1.Proper Documentation:

-Keep this handbook, your purchase invoice, and the warranty card in a safe place.
-Ensure the seller provides you with correct instructions for operation and maintenance.
-Request the repair address, contact number, and other necessary details at the time of purchase.

2.On-Site Check and Debugging:

-When purchasing the electric dirt bike, check and debug it on-site with the assistance of the salesperson to ensure it is in good working condition.

3.Warranty and Repair Service:

-If you encounter any quality issues during use, you may take the electric dirt bike to an authorized repair station.
-Present your purchase invoice and warranty card to access the warranty service, including the three-package services provided by the company.

No.	Warranty Detail	Warranty Range	Warranty Condition
Warranty Period xx Months			
01	Lithium Battery	Insufficient capacity or quality fault	Except for human factors, the failed component must remain originally sealed.
02	Controller	Failure and cannot be repaired	Except for human factors, the failed component must remain originally sealed.
03	Charger	Failure and cannot be repaired	Except for human factors, the failed component must remain originally sealed.
Warranty Period xx Months			
01	Motor	Line set damaged or cannot run normally	Except for human factors.
Warranty Period xx Months			
01	Frame	Deformation or fracture	Except for crash, accident, or other human factors.
02	Bottom Fork	Deformation or fracture	Except for crash, accident, or other human factors.
03	Brake	Oil leakage or cannot brake normally	Brake oil, brake disc, and brake lining are not included.
04	Front and Rear Shock Absorber	Oil leakage, no damping, deformation, or fracture	Except for crash, accident, or other human factors.

05	Dashboard	No display	The shell should remain intact; except for human factors.
06	USB Power Supply	Cannot charge normally	Except for human factors.
07	Integral Switch	Failure and cannot be repaired	Except for human factors.
08	Central Speed Control	Failure and cannot be repaired	Except for human factors.
If the above components fail during the warranty period and cannot be repaired for normal use, they will be replaced free of charge.			

Warranty Principles and User Guidelines

1.Vulnerable Items

The following items are considered vulnerable and may be repaired or replaced with compensation for quality issues:

-Tires, brake skins, directional wrist sets, fenders, oilers, glue, speed control cables, seat cushions, and other similar components.

2.Warranty Principles

-Repairs and replacements for components beyond the scope of the „three guarantees“ or after the „three guarantees“ period will be charged based on specific circumstances.
-Major components such as the motor, controller, charger, and lithium battery, if they fail after the warranty period, will only incur appropriate maintenance fees.

3.Notice to Users

-Use the warranty card from the manual to obtain warranty service at the sales office or the company's designated service center.
-The factory guarantees reasonable repair fees for major components after the „three guarantees“ period.

4.Items Not Covered Under the „Three Guarantees“

The following cases are excluded from the warranty scope:

-**User Negligence:** Failure to use, maintain, or adjust the bike as per the instructions.
-**Unauthorized Modifications:** Disassembly, refitting, or improper usage by the user.
-**Improper Storage or Accidents:** Damage caused by accidents or poor storage conditions.

-**Missing Documentation:** Absence of a valid warranty card, invoice, or mismatched information.
-**Consumables:** Vulnerable parts like brake cables and bearings are not covered.
-**Expired Warranty Period:** Repairs requested beyond the warranty timeframe.
-**External Damages:** Damage due to collision, impact, overload, or chemical corrosion.
-**Unauthorized Repairs:** Repairs carried out without the company's approval.
-**Insurance Claims:** Items for which the insurance company has already compensated.

5.Important User Responsibility

-The user must complete the mandatory maintenance outlined in the „regular maintenance record card" on time at the after-sales department.
-Failure to perform mandatory maintenance on time will result in the forfeiture of the warranty.

15.REGULAR MAINTENANCE RECORD CARD

BASIC INFORMATION	
Field	**Details**
Electric Dirt Bike Type	
Name	
Buying Date	
Frame Number	

MAINTENANCE REQUIREMENTS		
Maintenance	**Maintenance Requirements**	**Applicant/Unit Stamp**
300KM (1 Month)	Inspection (motor, wheel system, braking, spokes, etc.) of chain and skin constant tension of the whole electric dirt bike.	
After First Maintenance (1000KM/3 Months)	Fastening inspection of the whole electric dirt bike safety parts (motor, wheel system, braking, spokes, etc.). Inspection of the high-current circuit, chain, and belt tensioning.	
2000KM (6 Months)	Inspection of high-current circuit, brake oil, brake disc, spokes, chains, and belts.	

MAINTENANCE RECORD CARD		
Date	Situation	Warranty Staff Signature

CONTACT INFORMATION			
Motor Number			
Address			
Telephone Number			
Invoice Number			
Sales Unit			
Sales Unit Telephone			
Customer Stamp		Sales Unit Stamp	