



e-RUNNER USER MANUAL

2022

Dear Customer,

*You are reading the assembly and operation manual for the Enduro Ebike.
It contains all the important technical questions and details. If you have any questions, please contact us.
Enjoy your e-RUNNER!*

Sincerely yours, Enduro-ebike team

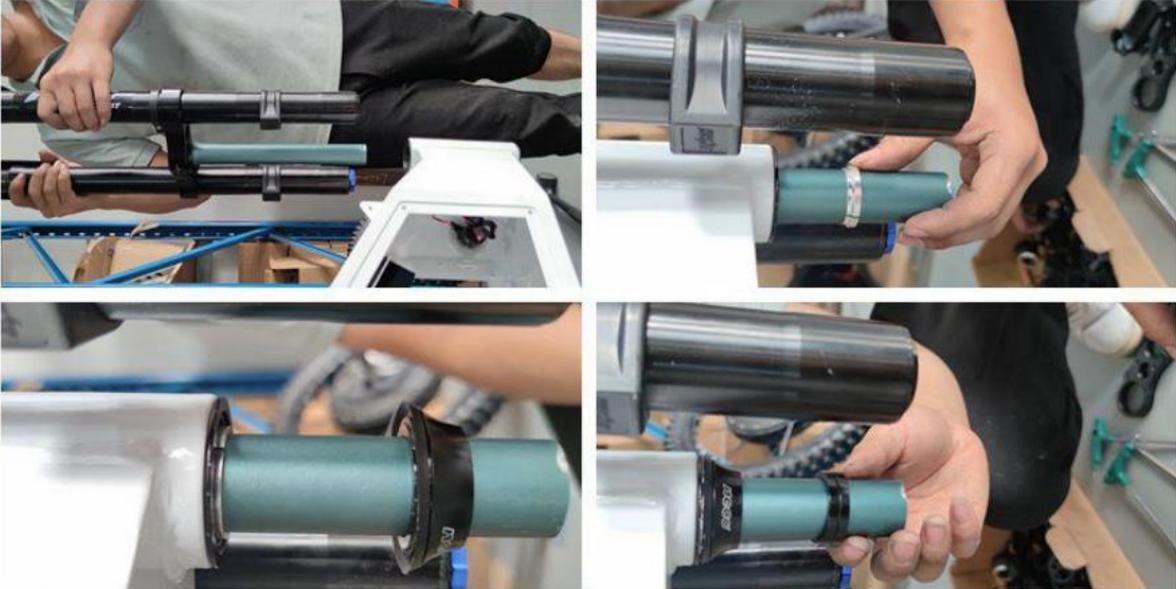
1. QUICK START GUIDE



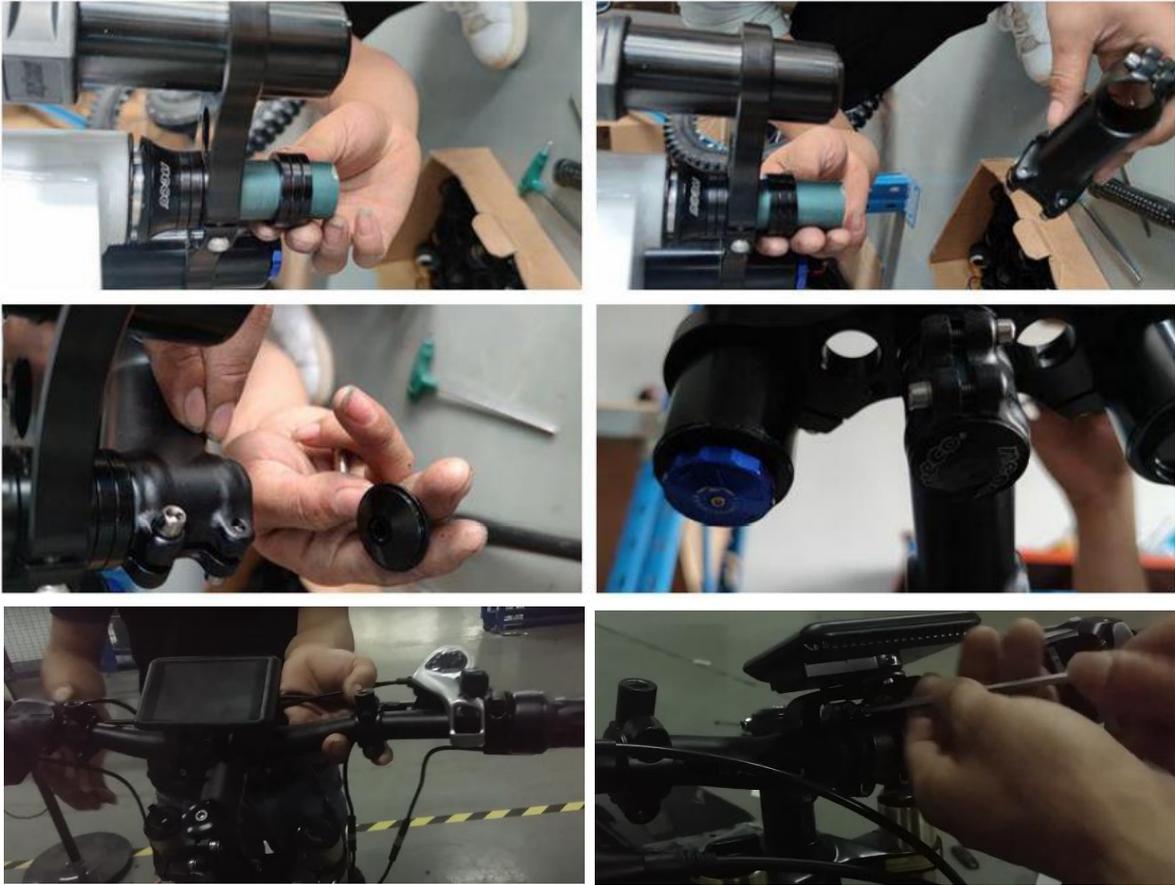
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|-----|-----------------------------|-----|---------------------------|
| 1. | Battery | 2. | Controller |
| 3. | Motor | 4. | Key ignition |
| 5. | Throttle | 6. | Front fork |
| 7. | Hydraulic disc brakes | 8. | Handles with brake levers |
| 9. | Pedals & Gears | 10. | Adjustable seat post |
| 11. | LCD display / Cycle analyst | 12. | LED lights |

1.1. Bicycle assembly

a. Please, install the front fork



b. Install the stem and handlebars



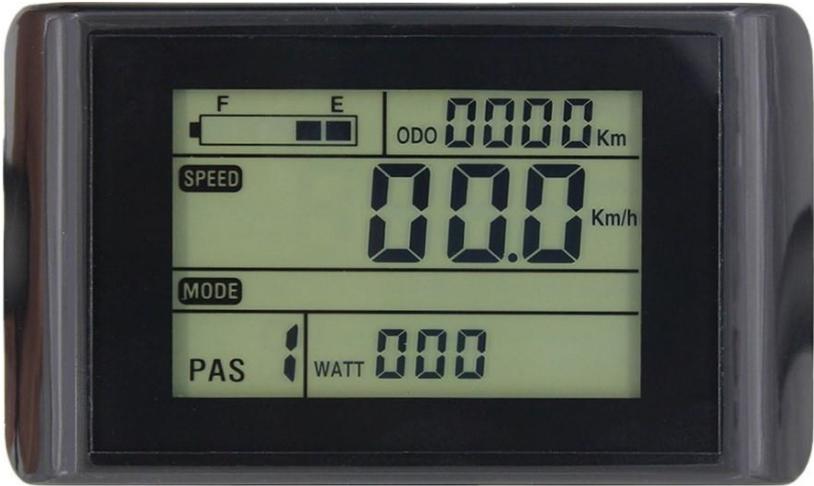
c. Install the front wheel



d. Connect the battery wires



e. Turn on the bike, check the display and lights



1.2. Charging the battery

- A. Before operating, you must fully charge the battery!
- B. It takes about 5 hours to fully charge the bike.
- C. Charge the battery **ONLY** with the supplied charger or the optional charger.
- D. Never leave the bike unattended when charging.
- E. It is very important to charge the battery at least every 60 days. If you fail to do so, it may cause some battery dysfunctions.

1.3. Seat adjustment



A. Seat adjustment and tilt steering adjustment is just like a regular MTB or street bike.



B. Adjust the seat height and tilt the handlebars in the preferred position. Be careful that you do not exceed the maximum height safety line that is indicated on the seat pillar and handlebars.

C. If your bike is equipped with a motorcycle saddle it is already adjusted to the optimum position at the factory. Additional saddle adjustment is not required.

1.4. Inflating the tires

Ensure that the tires are inflated to the correct operating pressure and that the front and rear brakes are working correctly:

- A. The recommended tire pressure is indicated on the sidewall of the tire.
- B. Make sure that when you are pulling on the brake handles that the brakes are engaged and holding the calipers to the brake disc.

1.5. Turning the bike on and off

Push the **KEY IGNITION / ENGINE START/STOP** button on the bike / use the supplied remote control.

The remote control has the following buttons:



Search: Your bike makes a beep sound.

Turn ON / OFF the motor power.

Unlock: Deactivate the alarm.

Lock: Activate the alarm.



1.6. Function buttons

LIGHT CONTROL BUTTON is used to turn the headlamp off and on.
TURN SIGNAL SWITCH is used to indicate right or left turns by switching the lever to the appropriate position, indicated by arrows. The corresponding turn indicator will be activated on the front and rear blinkers.
SIGNAL BUTTON or HORN is used to provide audible signals to other road users. Note that here may be restrictions on the use of the horn in some instances.



1.7. Choose a driving mode

We have created three speed limit modes to comply with all the rules in most countries of the world:

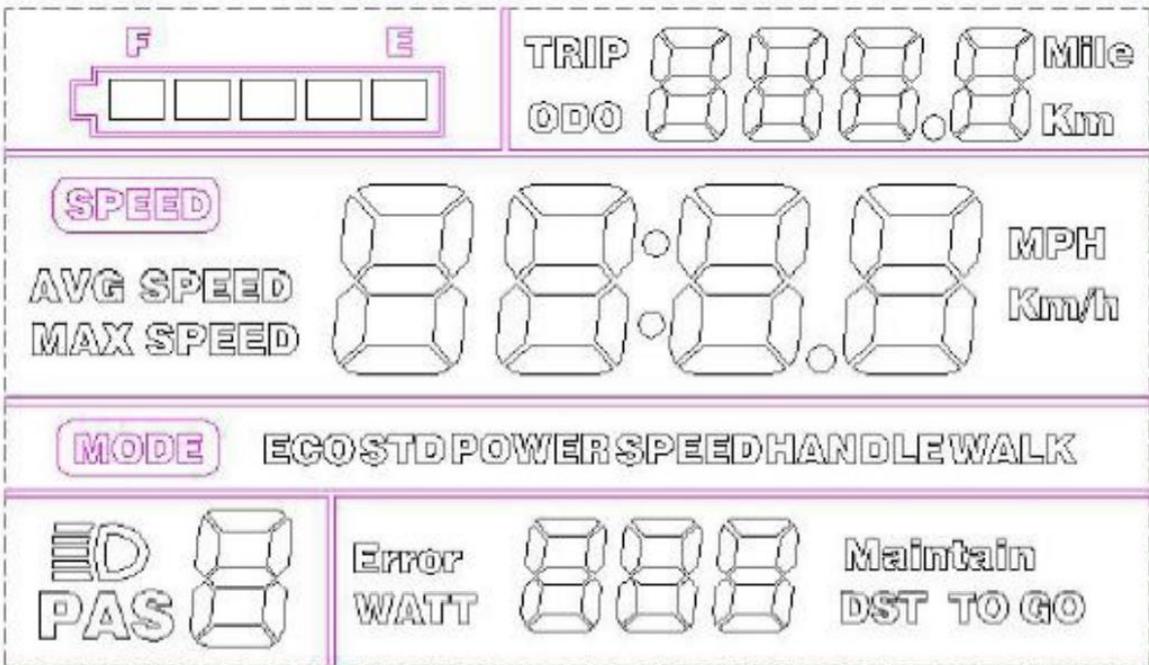
- 20 mph / 32 kmh; legal in the USA as a Class 2 throttle assisted eBike;
- 15 mph / 25 kmh; legal in the main EU countries;
- Unlim; used for driving off public roads.

Please make sure before using this mode that this user selection is compliant to your local regulations.

PAS (Pedal Assist System): the motor turns on automatically during the rotation of the pedals. The throttle knob is not active.

Throttle: the engine operation is controlled only by the throttle knob. The throttle knob used to add or reduce speed.

1.8. Information display



2. BIKE BASICS

Due to the electric auxiliary propulsion, you reach high speeds and accelerations much faster than you are used to with a regular bike. Therefore, you should intensively familiarize yourself with the only on a traffic-free road before you go in public traffic. During driving of the road, you should follow these tips:

- Always wear a helmet during riding;
- Make yourself familiar with the traffic rules and stick to the rules;
- Be ready to brake at any time and expect misconduct of others;
- Ride defensively and be considerate to other road users;
- Always keep your bike in perfect condition;
- Use your bike only in accordance with its intended purpose (see chapter "Intended Use");
- Don't use a mobile phone and a headset while riding;
- Be sure to observe the maximum weight of 120kg / 265lb of the bicycle.
- Please let your Enduro e-bike check regular, according to the recommended service intervals by an authorized workshop.

Warning! The engine starts work as soon as you start pedaling. The faster you pedal, the higher you fly! When turning in PAS mode, do not use the pedals as the engine is gaining momentum, the e-bike accelerates, and the centrifugal force of the e-bike when cornering is increased and understeer may occur and cause an accident.

3. INTENDED USE

Enduro e-bike is a tourist bike that was designed to ride for long distances. You can use the maximum speed only for short periods of time, when you need to overtake someone on the road. In order to ensure your bike's steady operation, we recommend riding your Enduro e-bike at lower speeds than what is the maximum speed, that will also prevent your motor from overheating.

While riding the bike on a steep hill or a long hill, help your bike with the pedals, that will increase battery charge and prevent the motor from overheating and power loss.

Enduro e-bike is not liable if the e-RUNNER bike is used against its original purpose or for damages resulting from a breach of important instructions in this manual.



4. e-RUNNER CONTROL

- 4.1. After turning on the e-bike, be sure to check the battery charge level. The battery charge can be conveniently controlled by using the charge indicator on the display.
- 4.2. Start the movement with the pedals or simply pushing your feet off the ground, and then activate the electric drive - by doing this you will significantly (by 15-25%) increase the mileage between the recharges, since it is at the start that the bicycle with the engine consumes the most electricity/energy.
- 4.3. Having given the initial movement of the bicycle in one of the above ways, for the purpose of subsequent movement with the help of the engine, turn the throttle handle on the right side of the steering wheel in the "towards you" position and continue driving. Thus, by increasing or decreasing the angle of rotation of the accelerator around its axis, you can smoothly adjust the speed of a bicycle with an engine.
- 4.4. It is also possible to regulate the speed of the bicycle with the engine turned on, by periodically kicking the pedals. At the same time, with every pedal rotation with your feet, the engine will either connect, or increase power and help the bicycle move as you pedal. This mode of movement on a bicycle with an engine is the most economical mode of battery power consumption. In addition, pedaling the e-bike with your feet to help the engine is very effective on difficult road sections. For example, when driving on sand, dirt, gravel and especially when moving uphill.
- 4.5. For convenience and improving safety when driving an electric-enhanced bicycle, you should take care of the most comfortable fit for a driver to ride an e-bike. To do this, it is advisable to set the seat to the height that sitting and holding the handlebar grips of a bicycle, allows the driver to touch the ground with his/her feet. This provides additional support points on the sides of the e-bike, as on a motorcycle. Such position is very convenient when driving on the streets of the city with the stops at the numerous traffic lights, and also when driving in the traffic jams, etc. In this case, you ensure both convenience and security for yourself and the others.
- 4.6. **To your attention!** At the beginning, until you acquire the confident skills in driving the Enduro e-bike, in order to avoid injuries, do not make sharp turns on the e-bike when moving with the engine on. Slow down before the turns, do not "accelerate" sharply with the accelerator handle during the turn. Take a turn at low speed in order to make a safe maneuver for yourself and for others.
- 4.7. **Warning!** The engine starts to work as soon as you begin pedaling. The faster you pedal, the higher you fly! When turning in PAS mode, do not use the pedals as the engine is gaining momentum, the e-bike accelerates, and the centrifugal force of the e-bike when cornering is increased and understeer may occur and cause an accident.

5. TIPS FOR A LONG RIDE

- 5.1. Try to avoid unreasonable braking and complete stops. Setting off consumes a lot of charge.
- 5.2. Accelerate evenly. Try to move at the medium speed.
- 5.3. To reduce speed, try to release the throttle in advance, instead of using the brake, if possible. Be careful when doing this.
- 5.4. When driving uphill, with strong winds, on a dirty road or under heavy load, move at the medium speed.
- 5.5. In addition to the above factors, many other conditions affect the distance of the electric bike on a single charge: the load on the bike, tire pressure, road gradient, road surface quality, ambient temperature, etc.
- 5.6. Develop the habit of letting go of the accelerator when braking. Without doing this, after the release the brake lever, the engine will accelerate rapidly again. This may not be safe.
- 5.7. Use the electric bike at ambient temperatures from 23 °F to 95 °F (from -5 °C to + 35 °C).
- 5.8. Operation of the electric bike at temperatures below 50 °F (+ 10 °C) may lead to a temporary loss of battery capacity.
- 5.9. Remember to turn off the power of the e-bike after completing the trip.

6. RULES FOR USING THE CHARGER

- Plug the charger cable into the bike charging socket, then connect the charger to a power source.
- Keep the battery and charger out of the reach of children.
- Do not cover the charger with flammable or other objects.
- To avoid electric shock, never disassemble the charger.
- Do not allow liquids or metal objects to enter the charger.
- Do not use the supplied charger to charge third-party batteries or any other type of battery.



7. BATTERY INSTRUCTION

- 7.1. Avoid storing a fully discharged battery for a long time (more than 1-2 weeks), this may damage the battery.
- 7.2. Avoid overcharging the battery in the event of sudden power surges or very high or low supply voltages.
- 7.3. Do not charge lithium-ion batteries in low ambient temperatures or high humidity conditions where condensation forms on the battery and / or charger.
- 7.4. Charge the battery only when the temperature of the charger equals the temperature of the room in which it is located.
- 7.5. Avoid driving through deep puddles (to protect the controller and / or motor).
- 7.6. Never subject the battery to strong shock or vibration.
- 7.7. Use only the dedicated charger supplied by the manufacturer. Never use other Li-ion battery chargers.
- 7.8. **Warning!** Disassembling of Li-ion batteries is strictly prohibited. If electrolyte leaks and comes into contact with exposed skin or eyes, rinse immediately with clean water for 15 minutes. Then consult a doctor.
- 7.9. If possible, the battery should be stored in a closed, clean, dry and well-ventilated area, away from oxidizing, flammable substances, heat sources and open flames;
- 7.10. It is not recommended to keep Li-ion batteries 100% fully charged. From the point of view of the safety of a lithium-ion battery during storage, the optimal charge level is at least 50% of its maximum capacity. The recommended storage time for an unused lithium-ion battery before the next recharge should not exceed 60 days;
- 7.11. For long-term storage, it is recommended to charge the e-RUNNER battery every 60 days, the charging time is 2-3 hours;
- 7.12. Keep the battery away from heat sources and open flames;
- 7.13. In cold weather, store the battery at +5 - + 20 C (41 ° F - 68 ° F);
- 7.14. Keep the battery out of the reach of children.

8. BIKE CARE INSTRUCTION

- 8.1. **Warning!** Before proceeding with cleaning the electric bike, disconnect its power supply.
- 8.2. Do not completely immerse the motor-wheel in water. Do not wash your electric bike with high pressure washers! Cleaning must be carried out with a brush or a wet damp cloth to prevent water into the conductive elements and inside the e-bike components.
- 8.3. Clean your electric bike using special chemically neutral detergents dissolved in water.
- 8.4. Use only soft cloth; coarse cloth may leave marks on the e-bike coating.
- 8.5. Do not use open flame to dry the electric bike and battery.
- 8.6. Timely carry out the routine maintenance work on the electric bike.
- 8.7. Protect your electric bike from the direct sunlight. Do not overheat the battery.
- 8.8. Do not store the electric bicycle near the sources of fire or near explosive elements.
- 8.9. Do not try to independently diagnose, repair, or finalize the design of the electric bike or its electric circuit. This may be unsafe, and also voids the warranty.

9. MAINTENANCE GUIDE

Enduro e-bike designed to ride for long distances. You can use the maximum speed only for short periods of time, when you need to overtake someone on the road. In order to ensure your bike's steady operation, we recommend riding your Enduro e-bike at lower speeds than what is the maximum speed, that will also prevent your motor from overheating.

9.1. Checking the bike before riding

Before each trip, you must check the status of the main e-bike unit:

- The state of the brake pads.
- Brake system operation.
- Front and rear wheel condition and performance.
- Make sure the bike is charged.
- Condition of motor-wheel power wire.
- Check and, if necessary, adjust the tightness of all e-bike joints and mechanical parts.
- Check the e-bike lights.

9.2. Regular technical maintenance.

Please, clean the bike before visiting the service.

We recommend contacting the service center every six months or every 1000 miles (1600 km), whichever comes first.

If for some reason you cannot use the services of the service, do a basic inspection yourself:

- Check the screw connections on the main parts of the bike.
- Check chain tension, clean and lubricate if necessary. Be sure to do the procedure before the start and at the end of the season.
- Check brake pads and brake discs for damage and wear. Check the functionality of the hydraulic system and brake levers.
- Check that the pressure in the tires is within the recommended limits (as a rule, the value is indicated on the tire).
- Check the rim for damage. Check spoke tension.

Attention! Damaged components should be repaired or replaced immediately.

10. e-RUNNER WARRANTY CONDITIONS

10.1. e-RUNNER warranty period

The warranty period for defects in workmanship or components is:

<p><i>12 months for:</i></p> <ul style="list-style-type: none"> ▪ <i>Battery Pack</i> <p><i>6 months for:</i></p> <ul style="list-style-type: none"> ▪ <i>Motor</i> ▪ <i>Controller</i> ▪ <i>Display</i> ▪ <i>Frame</i> ▪ <i>Battery charger</i> <p><i>3 months for:</i></p> <ul style="list-style-type: none"> ▪ <i>Front fork</i> ▪ <i>Rear shock</i> 	<p><i>1 months for:</i></p> <ul style="list-style-type: none"> ▪ <i>Electrical/electronic components</i> ▪ <i>Brake system</i> ▪ <i>Handlebar</i> ▪ <i>Seatpost</i> ▪ <i>Tires and tubes</i> ▪ <i>Kickstand</i> ▪ <i>Freewheel</i> ▪ <i>Chainwheel</i> ▪ <i>Rear derailleur</i> ▪ <i>Gear shifter</i>
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10.2. Repair conditions

Enduro-ebike.com warranty is limited to replacing defective components and parts with components of the same or greater value at the sole discretion of the manufacturer and Enduro-ebike.com is not responsible for labor or repair costs.

10.3. Main warranty limitations

The warranty does not cover damage caused by normal wear and tear.

The warranty is canceled in the following cases:

- non-observance of the instructions for assembly and operation.
- damage that cannot be obtained during authorized use.
- when used for commercial activities, stunt riding, competitions.

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