

RACKA

USER MANUAL



ZIP 16

ELECTRONIC DIRT BIKE

Contents

Congratulations on your purchase!	01
Don't Ride Until You Read This	02
Warning Message	03
Unpacking	05
Get To Know Your Electric Dirt Bike	06
Assemble Your Electric Dirt Bike	07
Charge Your Electric Dirt Bike	10
Electric Dirt Bike Console Functions	11
Error Code	13
Riding Tips	14
Maintenance & Repair	15
Battery Information	17
Warranty	18

CONGRATULATIONS ON YOUR PURCHASE!



This user manual will help you assemble and operate your new Electric Dirt Bike. Be sure to read **ALL OF THE INFORMATION** in this manual before riding.

NOTE TO ALL RIDERS UNDER 18 YEARS OF AGE:

It's very important that you get parental permission before riding your Electric Dirt Bike. This electric dirt bike is suitable for kids aged 6-12.



Don't ride until you read this



ALWAYS wear a helmet when riding your Electric Dirt Bike.



Make sure your Electric Dirt Bike has a **full battery** before taking it out to ride.



ALWAYS be aware of local road laws, and follow them.



DO NOT ride the Electric Dirt Bike under the influence of drugs or alcohol.



ALWAYS respect pedestrians.



DO NOT ride under wet conditions. The Electric Dirt Bike may slide from under your feet, causing injury. Wet conditions may damage the electronics and void the warranty.



Warning Message

1. **Avoid water** - The Electric Dirt Bike is not waterproof. The electronics may be damaged due to water, and water damage is not covered by our warranty. Riding in wet conditions is also very dangerous and may result in injury.
2. **Abuse** - We do not cover physical damage due to negligent care and extreme riding.
3. **Whenever you ride the RACKA Electric Dirt Bike**, you risk severe injury or even death from loss of control, collisions, and falls. Use caution and ride at your own risk.
4. **Do not** modify the product from the manufacturer's original design.
5. Keep hands and all body parts **away** from moving parts while operating the Electric Dirt Bike.
6. **Before riding** - be sure to check the Electric Dirt Bike over and ensure that it is operating correctly before each use.
7. **Before riding** - be sure that any and all axle guards, chain guards, or other covers or guards supplied by the manufacturer are in place and in serviceable condition.
8. **Before riding** - be sure to check that the tires are in good condition, inflated properly, and have sufficient tread remaining.
9. **Before riding** - be sure to check that the braking system is functioning properly. Also, be sure to check that all safety labels are in place and that you understand the safety warnings.
10. Never exceed the 220lbs (100kg) **maximum load** rating.



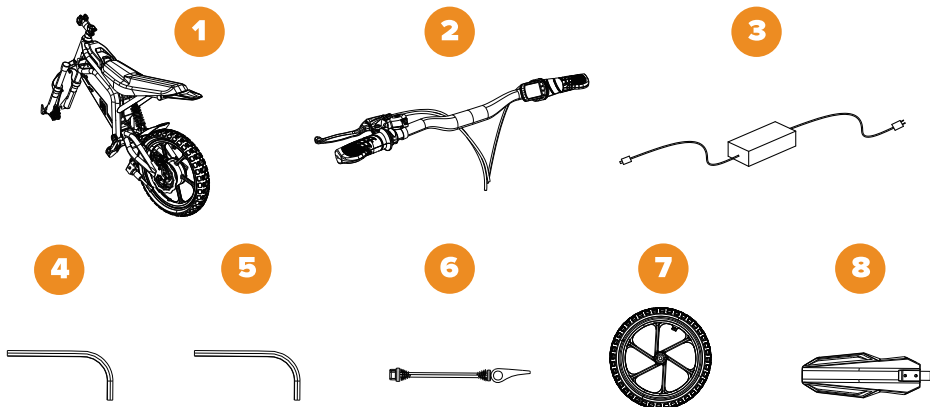
Warning Message

- 11.** This Electric Dirt Bike is suitable for children aged 6 to 12.
- 12. Maximum Speed** - Your Electric Dirt Bike reaches a maximum speed of 15.5 mph (25 km/h).

Unpacking

You should find each of these items in your box:

1. Electric Dirt Bike
2. Console & Handlebars
3. Approved Power Adapter / Charging Unit
4. 4mm Allen wrench
5. 5mm Allen wrench
6. Front wheel quick-release locking bolt
7. Front wheel
8. Front fender



Remove all packaging material, then inspect each item for any accidental damage that may have occurred during shipping.

Get To Know Your Electric Dirt Bike



The Electric Dirt Bike comes partially assembled.

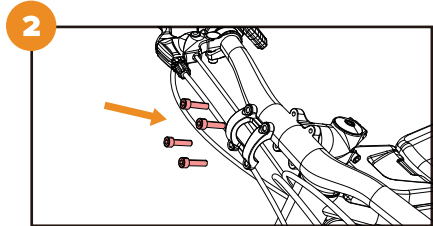
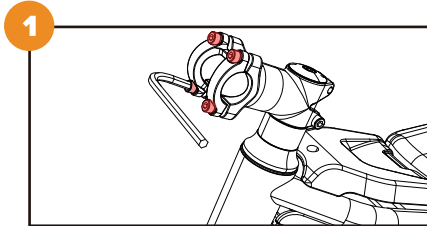
Specifications

Top Speed:	15.5mph
Max Load Weight:	220lbs
Battery Type:	36Vdc
Battery Input:	42Vdc 1.5A
Charge Time:	5.2 hours
Motor Rated Power:	350W
Power Requirements:	AC 100-240V-50/60Hz 1.8A



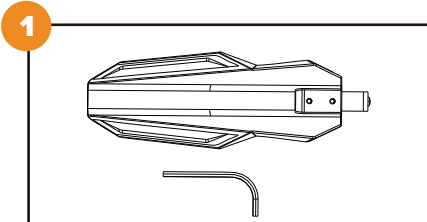
Assemble Your Electric Dirt Bike

1. Installing the Handlebar

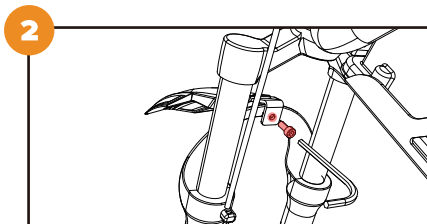


Turn the front of the dirt bike straight. Then, using a 4 mm wrench, loosen the handlebar attachment clamp. Load the handlebar into the stem in a centered position, then use the wrench to lock the attachment clamp and secure the handlebars.

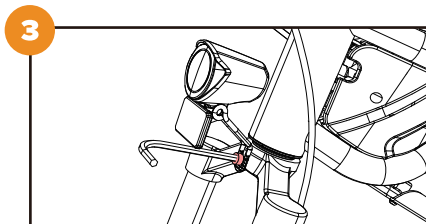
2. Install the front fender/headlight



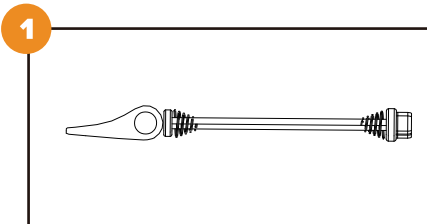
Prepare the front mudguard and a 5 mm hex wrench.



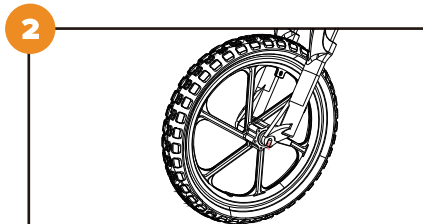
Attach the front fender and headlight to the frame. The screws come installed on the frame, so you will first need to remove the screws to install the fender and headlight.



3. Installing the front wheel

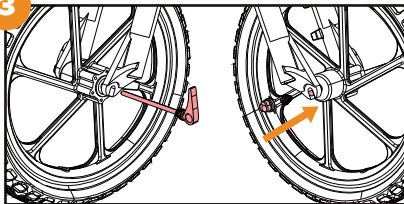


Find the front wheel quick-release locking bolt from the toolkit.



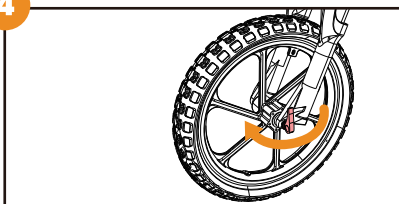
Align the axle of the front wheel with the brake groove, and then slowly install the wheel into the front fork.

3



Insert the quick-release screw into the front wheel axle. Note that the screw is equipped with two springs. Install one spring on each side of the wheel axle and tighten the screws.

4



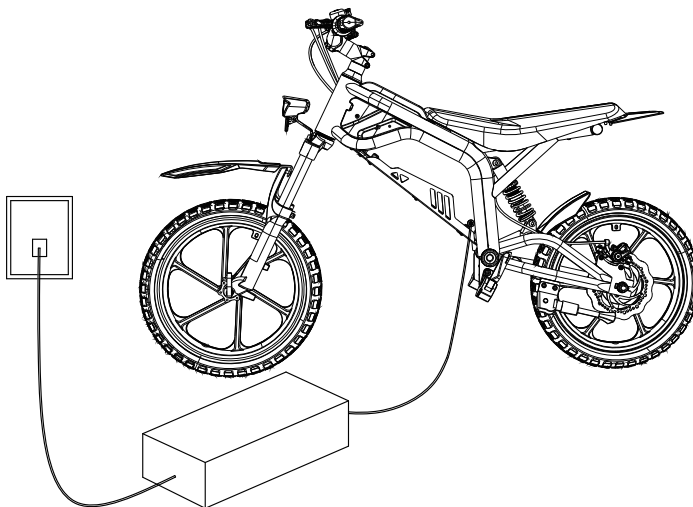
Then, pull the quick-release screw inward to secure it. Confirm that the wheel is working properly.



Charge Your Electric Dirt Bike

Before using the Electric Dirt Bike, you must fully charge the battery.

1. Open the rubber charging port cover.
2. Insert the charging plug into the port.
3. The charger box will have a green light when fully charged and a red light when charging.
4. When you are done charging, be sure to cover the charging port to keep it clear of dust and debris.
5. **Charging Time:** About 5.2 hours.





Electric Dirt Bike Console Functions

Power on/off: Press and hold the power button for 2-3 seconds. The display will light up, and the dirt bike will power on. Press and hold the power button again for 2-3 seconds. The display screen will turn off, and the dirt bike will power off.

Gear Shift: While the dirt bike is powered on, pressing the gear button will switch the dirt bike between high (HIGH) and low (ECO) gears. This will also release the parking mode.

If the vehicle remains stationary and inactive for 15 seconds, it will return to parking mode automatically.

Parking Mode Release: After turning the dirt bike on, the display panel will show the combination “P0.” Squeeze the brake lever or press the gear button to release the parking mode. The display panel will show the numbers “00,” and you will be able to ride normally.

Light Control: When the dirt bike is first powered on, the headlights are turned off by default. While the dirt bike is powered on, give the gear button a long press to activate the front and rear lights. In this state, they will stay on continuously, and the display screen will show an illuminated headlight icon. When the brakes are applied, the rear light will flash.

To turn off the lights and deactivate the light icon on the display, give the gear button another long press.

Switching Between Single Mileage and Total Mileage Display:

While the dirt bike is on, press the M button to switch the display between single mileage and total mileage.

Switching Between Miles and Kilometers: While the dirt bike is powered on, press the gear button and the M button simultaneously for 5 seconds.

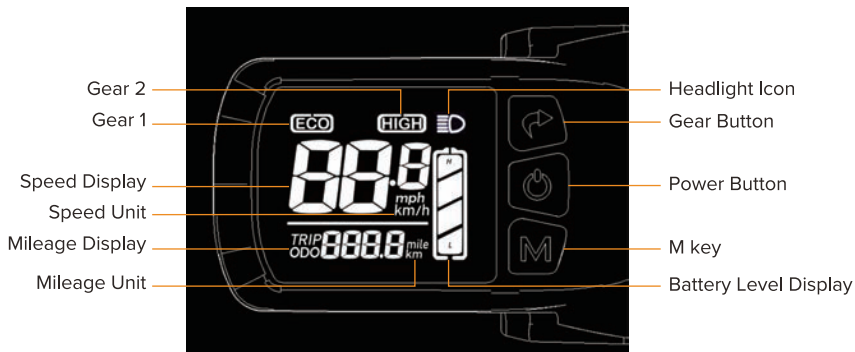
This will switch the display unit between miles and kilometers.

Clearing the ODO Mileage: While the dirt bike is powered on, press the power button and the M button simultaneously for 10 seconds.

This will clear the total mileage, resetting it to zero.

Using the Bell: Use your finger to pluck the bell.

Battery Power Display: When the battery is fully charged, the battery icon on the display screen will be full (it will show four bars). As you use the dirt bike's battery power, the bars in the battery display will decrease in turn. When there is only one bar left, the battery is at low power and will need to be charged soon.



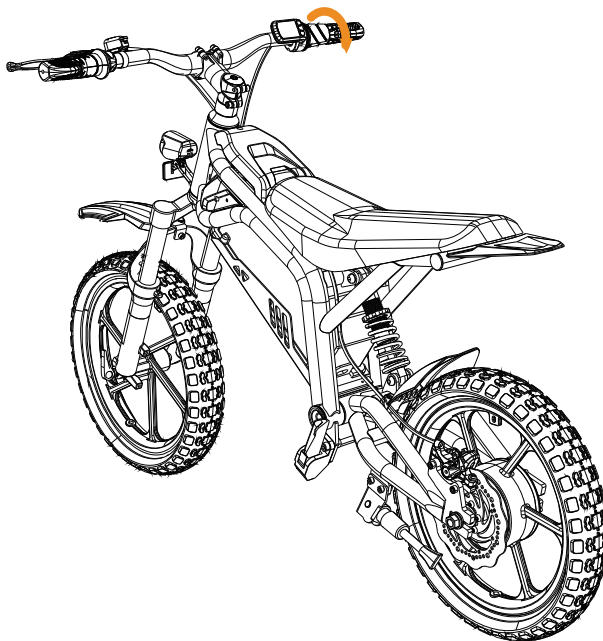
Error Code

Error code	Failure definition
E1	Controller malfunction
E2	Throttle malfunction
E3	Brake failure
E4	Mos tube fault
E5	Motor Hall sensor malfunction
E6	Stall protection
E7	Under voltage protection
E8	Over voltage protection
E9	Motor over-temperature protection
E10	Communication failure



Riding Tips

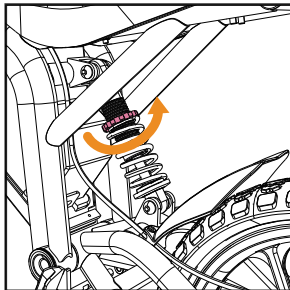
To begin riding the electric dirt bike, you will first need to sit on the saddle, placing one foot on the pedal and keeping the other foot on the ground. Then, twist the throttle on the handlebar to accelerate and begin moving.



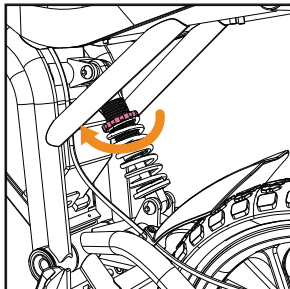
Maintenance & Repair

If you regularly clean and maintain your electric dirt bike, you will extend its life.

Adjusting the Shock Absorber: If the shock absorbing is too hard, turn the shock absorber nut counterclockwise to loosen the spring.



If the shock absorbing is too soft, turn the shock absorber nut clockwise to compress the spring.



Tires: If you notice that the tire pressure is low, you will need to fill the tires to the recommended PSI, which is listed on the side of the tire. The recommended PSI is 36.

DO NOT use alcohol, gasoline, kerosene, or other corrosive chemical solvents to clean the electric dirt bike. This can severely damage the appearance and structure of the dirt bike. In addition, please do not use a pressure washer, as it may also cause damage to the electronics.

Storage: When your electric dirt bike is not in use, store it in a cool and dry location. Avoid storing your electric dirt bike outdoors, as sun exposure can damage the dirt bike's appearance and may negatively impact the life of the battery and tires.



Battery Information

Only use the approved **RACKA** power adapter to charge your electric dirt bike. Using other adapters may cause risk of fire and equipment may be damaged.

Improper disposal of used batteries may seriously pollute the environment. Please comply with local disposal regulations.

Make sure to store your electric dirt bike and power adapter in conditions that do not exceed 122 degrees Fahrenheit or fall below -4 degrees Fahrenheit.

Warning - Risk of Fire. No user serviceable parts. Prolonged exposure to UV rays, rain, and the elements may damage the enclosed materials.

Store indoors when not in use.

Warranty

Please contact our customer service team if you are experiencing problems or need more detailed information.

US team after-sales email: support@gotrax.com

CA team after-sales email: canada@gotrax.com

1.Users should operate in accordance with the product manual. In case of any performance fault caused by production quality, the company shall perform the obligations of the three guarantees in accordance with the provisions of relevant laws and regulations of the state.

2.The company is still responsible for the after-sales service of the faults beyond three guarantees and the major components in the three guarantees, but there will be a cost for repair.

3.If the battery needs to be replaced outside of the warranty period, our company will supply the battery at factory price. To ensure safety and avoid pollution, please follow local regulations for disposing of used lithium-ion batteries.

4.We do not cover physical damage due to negligent care and extreme riding.

RACKA





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