

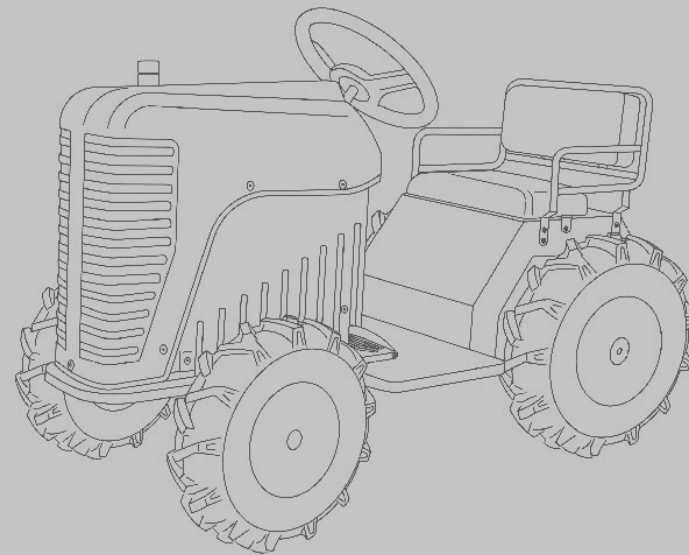
Trail Cub Mini Tractor by Bighorn

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Bighorn Powersports _____

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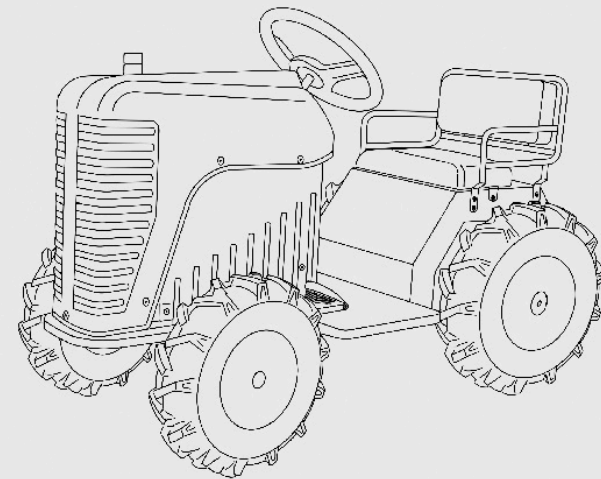
User Manual

⚠ WARNING:

RISK OF FIRE. Do not bypass. Replace only with series 287 with amp ratings of 25.

⚠ WARNING:

To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, on or near steep inclines or steps, swimming pools or other bodies of water; always wear shoes, and never allow more than 1 rider.



Instruction sheet must be retained since it contains important information.

1.1 Product Overview

The Trail Cub is a specially designed electric toy tractor for children, featuring a retro appearance and rich color options, suitable for children aged 6-12. Made from eco-friendly materials, it is safe, reliable, and easy to operate, serving as an ideal companion for kids.

1.2 Product Features

- Superior Safety Performance: The Trail Cub is constructed with high-strength materials, offering excellent impact resistance to protect children from accidental injuries.
- Easy to Operate: Equipped with user-friendly control buttons, children can move forward, backward, or stop the vehicle by simply pressing the pedals.
- Adjustable Seat: The seat position can be adjusted forward and backward to accommodate children of different heights, ensuring comfort and safety.
- Entertainment Function: The vehicle is also equipped with a sound speaker function, allowing children to enjoy dynamic rhythms while driving and enhancing the fun of operation.

1.3 Product Specifications

- Model: Trail Cub Mini Tractor
- Suitable Age: 6-12 years
- Maximum Load: 50 kg (110 lb)
- Battery Capacity: 24V / 12AH
- Charging Time: 8-10 hours
- Range: 25-30 km (15.5-18.6 miles)
- Max Speed (Two Gears): 7.5 mph (factory default), 10 mph
- Dimensions (LxWxH): 1200mm x 580mm x 790mm (47.2" x 22.8" x 31.1")
- Net Weight: 60 kg (132 lb)

Chapter 2: Operating Instructions

2.1 Charging

- Move the vehicle to a well-ventilated area and locate the charging socket.
- Insert the charger plug into the charging port in the middle of the vehicle body.
- Plug the other end of the charger into a power socket.
- When the charging indicator light turns on, charging begins. The charging time is generally 8-10 hours; do not exceed 12 hours.

2.2 Starting and Stopping

- Ensure the vehicle is fully charged.
- Press the start button on the top of the vehicle and shift to D gear beside it.
- Press the accelerator pedal with the right foot to move forward; the speed varies according to the pressure on the pedal.
- Press the brake pedal with the left foot to slow down and stop the vehicle.
- Shift to R gear, and the vehicle will move backward when the accelerator pedal is pressed.

2.3 Steering

- When steering, children should hold the steering wheel with both hands and turn it left or right.
- The vehicle will steer according to the direction of the steering wheel.

2.4 Maximum Speed Switching

The Trail Cub has two maximum speed modes: 7.5 mph and 10 mph. To switch between them:

- Under the power off, press the brake pedal and accelerator pedal simultaneously with both feet, then turn on the power button and hold for 10 seconds. The factory default maximum speed is 7.5 mph. Ensure you are fully familiar with the vehicle's performance, operation, and site conditions before switching the maximum speed.

2.5 Battery Life

When fully charged, the Trail Cub can run continuously for more than 2 hours.

- When the sound effect from the speaker is a continuous "putt-putt" sound, it indicates that the battery is fully charged.
- When the sound effect changes to an intermittent "beep-beep" sound, it means that there is approximately half an hour of battery life remaining. At this point, it is not advisable to drive the vehicle too far from the charging area and it should be returned to the charging area as soon as possible for recharging.

2.6 Instructions on Safety Protection for Initial Startup State

If the vehicle is turned off and the accelerator pedal is depressed before the power switch is turned on, the vehicle will neither move forward nor backward. It is necessary to release the accelerator pedal and then depress the brake pedal once. Only then, when the accelerator pedal is depressed again, the vehicle will move forward or backward.

2.7 Remote Control Key Functions

(This product achieves one-way communication through special encryption to protect electric bicycles and provide anti-theft alerts.)

Remote Control Key	State	Operation	Function Description
 Set Key	Normal	Press Once	Horn sounds once. After 2 seconds, tractor vibrates, horn alarms, and motor locks. Forcing ignition engages motor lock, preventing vehicle movement.
 Unlock Key	Any State	Press Once	Horn sounds twice. System returns to normal (non defensive) state.
 Find Vehicle Key	Normal	Press Once	Horn plays a rhythmic 7-note sound.
	Defensive State	Press Once	Horn plays a rhythmic 7-note sound.
 Ignition Key	Normal	Press Twice	Powers ON the entire vehicle if ignition is OFF.
	Normal	Press Once	Horn sounds once. System enters silent defensive mode.

3.1 Avoid Unsuitable Locations

The Trail Cub is suitable for flat indoor floors, outdoor flat venues, or open lawns with vegetation height not exceeding 5 cm. It is not suitable for use on slopes, uneven ground, or roads. The parking ground must be flat to prevent the vehicle from sliding on slopes and causing personal injury or damage to other items when unattended.

3.2 Use Under Adult Supervision

For safety, children must use the vehicle under adult supervision and wear a helmet. Adults should guide children on correct usage to avoid accidents. It is strictly prohibited to touch parts other than the normal control components. In case of vehicle malfunction, component failure, or damage, contact after-sales service; do not disassemble parts privately.

3.3 Do Not Exceed Maximum Load

To ensure riding safety, do not exceed the specified maximum load, as this may cause the vehicle to lose balance and result in accidental injuries.

3.4 Prohibit Prolonged Continuous Use

Prolonged continuous use may cause the battery to overheat, affecting its lifespan and safety. It is recommended that children use the vehicle for no more than 30 minutes each time and turn off the power immediately after use.

3.5 Regular Inspection and Maintenance

Regularly check the battery, wires, body, and other components for integrity. Repair or replace any damaged or abnormal parts promptly. Keep the body clean to prevent dust or debris from entering the interior.

3.6 Storage and Cleaning

Store the vehicle indoors or cover it with a waterproof cloth to protect it from humid weather. Avoid prolonged exposure to sunlight, which may cause fading. Store it in a cool place or cover it with a waterproof cloth. Do not rinse the vehicle with a hose. Wipe it with a clean damp cloth or use furniture polish to make the plastic parts shiny.

Safety Warnings

Before using the electric vehicle, children should understand the vehicle's controls and safety issues and demonstrate the ability to operate the vehicle and its control devices. Adults are responsible for educating children and supervising vehicle use. Read the following safety warnings to children before they ride the four-wheeler.

The following safety hazards may cause serious injury:

- Riding without a helmet. Riders must always wear a suitable helmet that meets the U.S. Consumer Product Safety Commission (CPSC) standard CFR 1183.
- Battery terminals, posts, and related components contain lead and lead compounds (acidic chemicals), known to cause cancer, reproductive harm, and are toxic and corrosive. Never open the battery.
- Body parts such as hands, legs, hair, and clothing may be caught in moving parts. Do not bring body parts close to moving parts while using the vehicle, and do not wear loose clothing. Always wear shoes when using the vehicle.
- Using the vehicle on streets, near motor vehicles, or in areas such as steps, water (swimming pools), other water bodies, slopes, hills, slippery areas, flammable vapors, alleys, at night, or in the dark may cause accidents. Always use the vehicle in a safe, controlled environment with continuous adult supervision.

- Using the vehicle in unsafe conditions, such as snow, rain, loose soil, mud, sand, or gravel, may cause rollovers, skidding, and damage to the electrical system and battery.
- Unsafe vehicle use, including but not limited to:
 - a. Towing the vehicle with another vehicle or similar equipment
 - b. Allowing more than one person to ride
 - c. Pushing the user from behind
 - d. Driving at an unsafe speed

Battery Warnings

- Using batteries or chargers other than the 24V rechargeable battery and charger provided with the Trail Cub may cause fire or explosion. Only use the provided 24V rechargeable battery and charger.
- Using the 24V rechargeable battery and charger provided with the Trail Cub to power other products may cause overheating, fire, or explosion. Never use them for other products.
- Flammable gases are generated during charging. Charge in a well-ventilated area, away from heat sources or flammable materials.
- Contact between positive and negative poles may cause fire or explosion. Avoid direct contact with both poles. Lifting the battery by wires or the charger may damage the battery and cause fire. Always lift the battery by its case or handle.
- Liquid on the battery may cause fire or electric shock. Keep all liquids away from the battery and ensure it is dry.
- Contact with or exposure to battery leakage (lead-acid) may cause serious injury. If contact or exposure occurs, contact a doctor immediately.
- Battery terminals, connectors, and related accessories contain lead and lead compounds (acid), known to cause cancer, reproductive harm, and are toxic and corrosive. Never open the battery.
- Disassembling or modifying the electrical circuit system may cause electric shock, fire, or explosion and permanently damage the system. Exposed wires or circuits in the charger may cause electric shock. Keep the charger case closed at all times.

Conclusion

The Trail Cub is a safe, reliable, and easy-to-use toy vehicle that brings joy and fun to children. When using it, please strictly follow the usage methods and precautions in this manual to ensure the safety and comfort of children. We hope this product will bring more happiness and exploration to children's growth.