

BlackZon BZN540110

BlackZon Smyter BZN540110 1/12 4WD Electric Monster Truck Instruction Manual

Model: BZN540110

Brand: BlackZon

1. SAFETY GUIDELINES

Please read and understand all safety instructions before operating your BlackZon Smyter Monster Truck. Failure to follow these guidelines may result in injury or damage to the product.

- **Age Recommendation:** This product is recommended for users aged 14 months and up. Adult supervision is strongly advised for younger users due to the nature of remote-controlled vehicles.
- **Battery Safety:** Use only the provided Li-Ion battery and USB charger. Do not overcharge, short-circuit, or expose batteries to extreme temperatures. Always charge batteries in a safe, supervised area.
- **Operating Environment:** Operate the vehicle in open areas, away from people, pets, and obstacles. Avoid public roads, water bodies, and areas with high pedestrian traffic.
- **Water Resistance:** The electronics are splashproof, but the vehicle is not designed for submersion. Avoid deep puddles or wet conditions that could damage internal components.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving parts such as wheels, gears, and suspension components.
- **Adult Supervision:** Always ensure adult supervision, especially when children are operating the vehicle or handling batteries.

2. PACKAGE CONTENTS

Verify that all items are present in your BlackZon Smyter package:

- BlackZon Smyter 1/12 4WD Electric Monster Truck (RTR)
- 2.4GHz Transmitter

- Li-Ion 7.4V 1500mAh Battery with T-Plug connector
- USB Charger
- Optional LED Light Set
- Instruction Manual (this document)



Figure 2.1: The BlackZon Smyter 1/12 4WD Electric Monster Truck, ready-to-run.

3. SETUP AND PREPARATION

3.1. Charging the Vehicle Battery

1. Connect the Li-Ion 7.4V 1500mAh battery to the provided USB charger.
2. Plug the USB charger into a compatible USB power source (e.g., computer USB port, USB wall adapter).
3. Observe the charger's indicator light. The light typically indicates charging status (e.g., red for charging, green for fully charged).
4. Once fully charged, disconnect the battery from the charger. Charging time may vary.

3.2. Transmitter Preparation

1. Locate the battery compartment on the bottom of the 2.4GHz transmitter.
2. Open the battery compartment cover.
3. Insert the required batteries (typically AA batteries, not included) according to the polarity markings.
4. Close the battery compartment cover securely.



Figure 3.1: The 2.4GHz transmitter for the BlackZon Smyter.

3.3. Vehicle Preparation

1. Remove the body clips and lift the truck body to access the chassis.
2. Connect the fully charged Li-Ion battery to the vehicle's Electronic Speed Controller (ESC) using the T-Plug connector. Ensure a secure connection.
3. Place the battery securely in its compartment.
4. Turn on the transmitter first, then turn on the vehicle's power switch.
5. Replace the truck body and secure it with the body clips.



Figure 3.2: Chassis view of the BlackZon Smyter, showing battery and electronics placement.

4. OPERATING YOUR BLACKZON SMYTER

4.1. Basic Controls

- **Steering Wheel:** Rotate the steering wheel on the transmitter left or right to control the vehicle's direction.
- **Throttle Trigger:** Pull the trigger towards you to accelerate forward. Push the trigger away from you to brake or reverse.

4.2. Speed Switch Function

The 2.4GHz transmitter includes a Speed Switch dial. This feature allows you to adjust the maximum speed of the vehicle, which is particularly useful for new users or when operating in confined spaces.

- **Turning the Dial Down:** Reduces the maximum speed, making the truck more manageable and easier to control.
- **Turning the Dial Up:** Increases the maximum speed for full performance.

4.3. Driving Tips

- Start with slow speeds to familiarize yourself with the controls.
- Practice steering and throttle control in an open, safe area.
- Avoid sudden stops or turns at high speeds to prevent rollovers.
- Monitor battery life. Performance will decrease as the battery drains.

4.4. Optional LED Light Set Installation

The BlackZon Smyter includes a bonus optional LED light set for enhanced visibility and aesthetics.

1. Identify the designated mounting points on the vehicle body or chassis for the LED lights.
2. Carefully attach the LED lights using the provided hardware or adhesive (if applicable).
3. Connect the LED light set to the designated power port on the vehicle's electronics, if available, or follow specific instructions provided with the LED set.

5. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your BlackZon Smyter.

- **Cleaning:** After each use, especially in dirty or dusty conditions, clean the vehicle. Use a soft brush or compressed air to remove dirt and debris from the chassis, suspension, and gears. A damp cloth can be used for the body.
- **Inspection:** Periodically inspect all screws, nuts, and bolts for tightness. Check the suspension components, wheels, and tires for any damage or wear.
- **Lubrication:** Apply a small amount of RC-specific lubricant to moving metal parts, such as universal joints and bearings, as needed. Avoid over-lubrication.
- **Storage:** When not in use, store the vehicle and transmitter in a cool, dry place, away from direct sunlight and extreme temperatures. Disconnect the battery from the vehicle and remove batteries from the transmitter for long-term storage.
- **Battery Care:** Do not store Li-Ion batteries fully charged or fully discharged for extended periods. Store them at a 'storage charge' level (typically around 3.8V per cell) if possible.

6. TROUBLESHOOTING GUIDE

This section addresses common issues you might encounter with your BlackZon Smyter.

Problem	Possible Cause	Solution
Vehicle does not power on.	Battery not charged or connected. Vehicle/transmitter power switch off.	Ensure vehicle battery is charged and connected. Turn on both vehicle and transmitter power switches.
Vehicle not responding to transmitter.	Transmitter batteries low/dead. Vehicle and transmitter not paired.	Replace transmitter batteries. Re-pair the transmitter and vehicle according to pairing instructions (refer to specific instructions if provided, generally power on transmitter then vehicle).
Poor range or intermittent control.	Interference from other 2.4GHz devices. Low transmitter battery.	Move to an area with less interference. Replace transmitter batteries.
Vehicle moves slowly or lacks power.	Vehicle battery low. Speed Switch dial set too low.	Recharge vehicle battery. Adjust the Speed Switch dial on the transmitter to a higher setting.
Steering is off-center.	Steering trim not adjusted.	Adjust the steering trim dial on the transmitter until the wheels are straight.

7. TECHNICAL SPECIFICATIONS

- **Model:** BZN540110
- **Scale:** 1/12
- **Drive System:** 4WD Shaft Drive
- **Suspension:** Independent Double Wishbone, Adjustable Coilover Shocks
- **Differentials:** 4-Gear Differentials (Front & Rear)
- **Motor:** Brushed Electric 390
- **Battery:** Li-Ion 7.4V 1500mAh with T-Plug connector (Included)
- **Charger:** USB Charger (Included)
- **Transmitter:** 2.4GHz with Speed Switch
- **Electronics:** Splashproof
- **Steering:** Dual Point Bell Crank Steering System with Servo Saver
- **Bearings:** Complete Set of Ball Bearings
- **Weight:** Approximately 3.17 pounds (1.44 kg)
- **Manufacturer Recommended Age:** 14 months and up

8. WARRANTY AND CUSTOMER SUPPORT

BlackZon products are manufactured to high standards. For any questions, technical assistance, or warranty claims, please contact your retailer or the manufacturer directly. Keep your proof of purchase for warranty validation.

For further information or support, please refer to the official BlackZon website or contact their customer service department.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question