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› Axial RBX10 Ryft 1/10 4WD Brushless Rock Bouncer RTR Instruction Manual

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Model: AXI03005T2

PRODUCT OVERVIEW

The Axial RBX10 Ryft is a 1/10 scale 4WD brushless rock bouncer, designed for robust off-road performance. This Ready-to-Run (RTR) model comes pre-assembled, requiring only the addition of a compatible battery and charger to begin operation.

- **Solid Axles:** Features solid axles front and rear with universal axle joints for durability.
- **Robust Chassis:** Engineered with a high-strength composite plastic tube chassis to withstand demanding rock bouncing.
- **Powerful Brushless Motor:** Equipped with a 4S-capable brushless motor for strong powertrain performance.
- **Licensed Components:** Includes licensed Raceline wheels and Interco TSL (Three Stage Lug) Bogger tires for authentic scale appearance and performance.



Figure 1: The Axial RBX10 Ryft 4WD Brushless Rock Bouncer RTR, showcasing its robust design and large tires.

WHAT'S IN THE BOX

Your Axial RBX10 Ryft package includes the following components:

- (1) Axial® RBX10™ Ryft™ 1/10 4WD RTR Vehicle
- (1) Spektrum™ DX3™ 3-Channel 2.4GHz DSMR® Radio Transmitter
- (1) Spektrum™ SR6100AT 6-Channel DSMR® AVC/Telemetry Receiver
- (1) Spektrum™ Firma™ 130A Smart ESC
- (1) 2200Kv Brushless Motor
- Product Manual

NEEDED TO COMPLETE (NOT INCLUDED)

To operate your Axial RBX10 Ryft, the following items are required and sold separately:

- 3S or 4S LiPo Battery with EC5 Connector
- Compatible LiPo Battery Charger
- 4 AA Batteries for the Spektrum DX3 Transmitter

Needed to Complete



AA Batteries
x4



Battery



Charger

Figure 2: Visual representation of additional items required for operation: AA batteries for the transmitter, a compatible vehicle battery, and a charger.

SAFETY INFORMATION

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property, and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

SETUP

1. Battery Installation

To install the main vehicle battery:

1. Locate the top hatch on the vehicle's chassis.
2. Open the hatch to reveal the battery compartment.
3. Slide your compatible 3S or 4S LiPo battery (with EC5 connector) into the compartment.
4. Secure the battery using the integrated strap.
5. Close the top hatch securely.

2. Powering On

After installing the battery, locate the on/off button at the rear of the vehicle, just in front of the rear axle. Press this button to power on the vehicle. The Spektrum system will initiate, and you will hear the rig power up.

3. Transmitter Setup

Ensure 4 AA batteries are installed in your Spektrum DX3 transmitter. Power on the transmitter. The battery indicators on the top of the transmitter will confirm power status. The vehicle and transmitter should automatically bind. If not, refer to the detailed product manual for binding instructions.

Your browser does not support the video tag.

Video 1: Demonstrates the process of installing the battery and powering on the Axial RBX10 Ryft, along with a brief overview of the Spektrum DX3 transmitter.



Figure 3: Top view of the Axial RBX10 Ryft chassis, showing the battery secured within its compartment.



Figure 4: The Spektrum DX3 3-Channel 2.4GHz DSMR Radio Transmitter, used for controlling the vehicle.

OPERATING INSTRUCTIONS

The Axial RBX10 Ryft is designed for versatile off-road driving, including rock bouncing and crawling. Its 4WD system and powerful brushless motor provide excellent traction and speed across various terrains.

- **Driving:** Use the trigger on the Spektrum DX3 transmitter for throttle control (forward/reverse) and the steering wheel for directional control.
- **Terrain:** The vehicle is capable of handling rocks, grass, dirt, and gravel. While waterproof, it is not designed for submersion in water.
- **Power:** The 4S-capable brushless motor delivers significant power, so exercise caution, especially when new to RC driving.

Your browser does not support the video tag.

Video 2: An overview of the Axial RBX10 Ryft in action, demonstrating its capabilities on various terrains.



Figure 5: The Axial RBX10 Ryft demonstrating its rock crawling ability on an uneven, natural surface.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Axial RBX10 Ryft.

- **Cleaning:** After each use, especially in dusty or muddy conditions, clean the vehicle to prevent debris buildup in moving parts.
- **Inspections:** Periodically inspect all components for wear and tear, including axles, shocks, and steering linkages.
- **Recommended Upgrades:** Consider installing an Axial sway bar for improved straight-line stability at higher speeds. Upgrading the front servo to a 35KG model can enhance steering durability. Metal underbody protection is also recommended for aggressive driving to safeguard critical components.
- **Tools:** Carry basic hex tools when driving on trails for minor adjustments or repairs.

- **Water Exposure:** The truck is waterproof for splashes and shallow water, but avoid full submersion.



Figure 6: Rear view of the Axial RBX10 Ryft, highlighting the solid axle and suspension components that require periodic inspection.

TROUBLESHOOTING

If you encounter issues with your Axial RBX10 Ryft, consider the following common solutions:

- **Loss of Power/Movement:** Check battery charge level and connections. Ensure the battery is properly seated and strapped.
- **Transmission Issues:** If the transmission appears to be stripped or malfunctioning, inspect the gears for damage. Replacement parts may be necessary.
- **Remote Control Responsiveness:** If the remote control feels unresponsive or requires frequent adjustments, recalibration may be needed. Refer to the Spektrum DX3 manual for detailed recalibration procedures.
- **Steering Problems:** Inspect the steering servo and linkages for any obstructions or damage. A weak or faulty servo may need replacement.

SPECIFICATIONS

Feature	Detail
Product Dimensions	28.4 x 14.3 x 11.3 inches

Feature	Detail
Item Weight	13.65 pounds
ASIN	B08Y3T7N5M
Item Model Number	AXI03005T2
Manufacturer Recommended Age	0 - 10 years
Batteries Required	1 Nonstandard Battery (vehicle), 4 AA (transmitter)
Manufacturer	Axial
Date First Available	February 26, 2021

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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.

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