

ARRMA ARA8611V6T2

ARRMA 1/8 Notorious 4X4 6S BLX BRUSHLESS V6 Stunt Truck RTR Instruction Manual

Model: ARA8611V6T2

Brand: ARRMA

1. 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.

2. WHAT'S IN THE Box

The ARRMA Notorious 6S BLX 4X4 1/8 Scale Stunt Truck RTR package includes the following components:

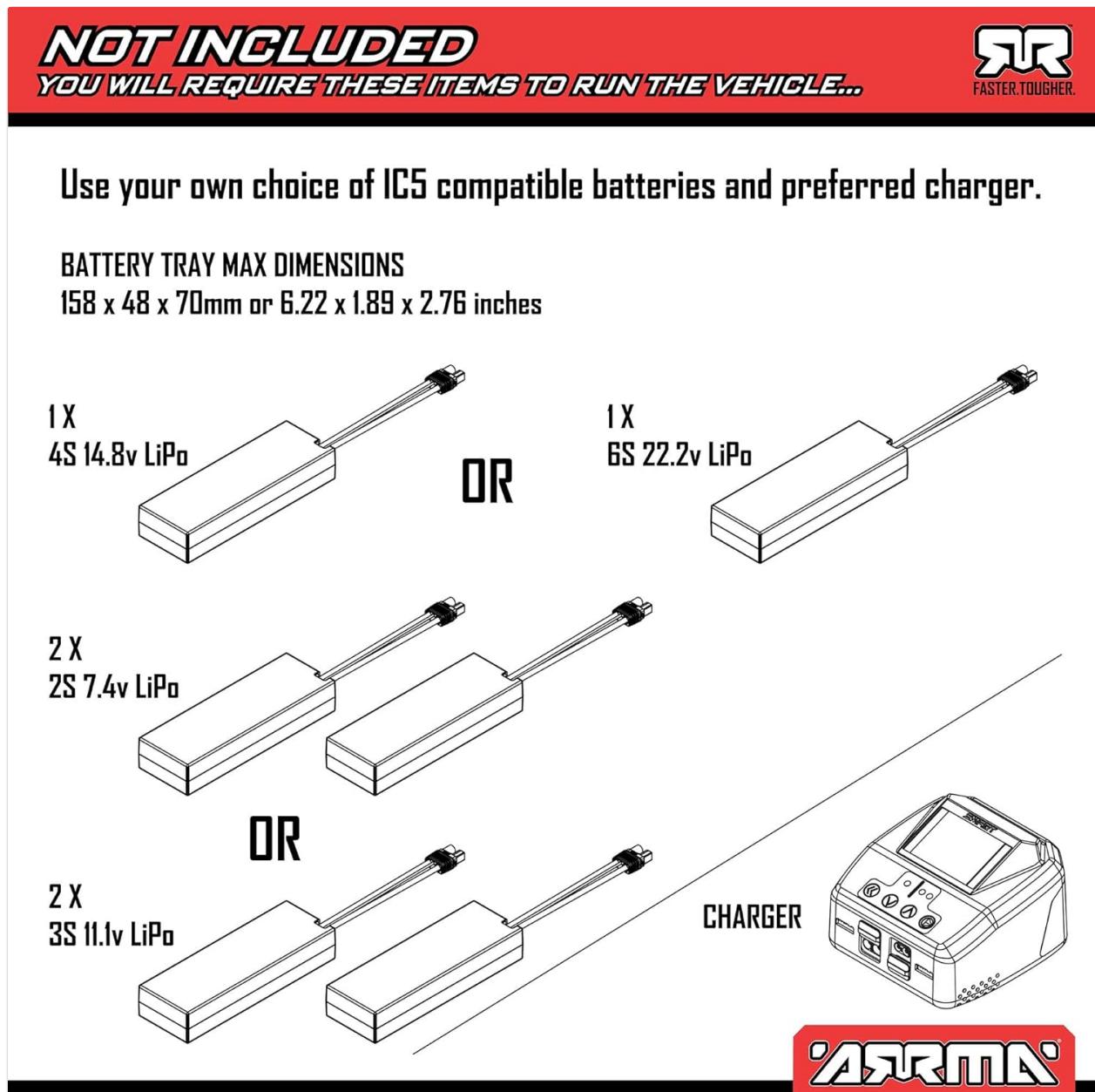
- 1x NOTORIOUS 6S BLX 4X4 1/8 Scale Stunt Truck RTR
- 1x Spektrum Firma 150A Smart V2 Brushless 6S ESC with updated B5.12 firmware and IC5 connectors
- 1x Spektrum Firma 4074 2050Kv Brushless Motor
- 1x Spektrum SLT3 2.4GHz Transmitter
- 1x Spektrum SR315 DSMR 3-Channel Dual Protocol Sport Receiver
- 1x Spektrum S665 20kg Waterproof Metal-Geared Digital Servo
- 1x 25T Spline Aluminum Servo Horn
- 4x AA Transmitter Batteries
- 1x Molded Hand Tools
- 1x Instruction Manual (this document)

3. ITEMS REQUIRED FOR OPERATION (NOT INCLUDED)

To operate your ARRMA Notorious Stunt Truck, you will need to supply the following items:

- **Batteries:** One 4S 14.8V LiPo battery, one 6S 22.2V LiPo battery, two 2S 7.4V LiPo batteries, or two 3S 11.1V LiPo batteries. Ensure batteries are IC5 compatible.
- **Charger:** A compatible LiPo battery charger.

The battery tray maximum dimensions are 158 x 48 x 70mm (6.22 x 1.89 x 2.76 inches).



This image illustrates the types of batteries and charger required for the ARRMA Notorious truck, which are not included in the package. It shows options for 4S or 6S LiPo batteries, or combinations of 2S or 3S LiPo batteries, along with a generic charger.

4. SETUP

4.1 Battery Installation

1. Ensure the vehicle's power switch is in the OFF position.
2. Remove the body shell to access the battery compartment.

3. Place the charged LiPo battery(ies) into the battery tray, ensuring they fit within the maximum dimensions.
4. Secure the battery(ies) using the provided straps or retention system.
5. Connect the battery(ies) to the ESC using the IC5 connectors. Ensure correct polarity.

4.2 Transmitter Setup

1. Install the four AA batteries into the Spektrum SLT3 transmitter.
2. Turn on the transmitter. The LED indicator should illuminate.
3. Ensure the throttle and steering trims are centered.

This image displays the Spektrum SLT3 2.4GHz Transmitter and the Spektrum SR315 DSMR 3-Channel Dual Protocol Sport Receiver, essential components for controlling the RC truck.

4.3 Initial Checks

1. With the transmitter on, turn on the vehicle's power switch.
2. Verify that the steering responds correctly to transmitter input (left turns left, right turns right). Adjust steering reverse if necessary.
3. Verify that the throttle responds correctly (forward for forward, reverse for reverse).
4. Perform a range check in an open area to ensure reliable signal reception.

5. OPERATION

5.1 Driving Guidelines

- Always operate your RC truck in a safe, open area away from people, pets, and obstacles.
- Avoid operating in wet conditions to prevent damage to electronics.
- Start with gentle throttle inputs to familiarize yourself with the vehicle's response.
- The Notorious is designed for stunt driving. Practice stunts in a controlled environment.



This image shows the ARRMA Notorious RC truck in action, kicking up dust as it drives on a loose dirt surface, demonstrating its off-road capability.



The ARRMA Notorious RC truck is captured mid-stunt, driving vertically up a wooden barrier, highlighting its robust design and stunt capabilities.

5.2 Power System Considerations

- The vehicle can be operated with 4S or 6S LiPo power. 4S provides manageable power for less experienced drivers.
- Using 6S LiPo will provide maximum power for advanced bashing and stunts.
- Monitor battery voltage during operation and stop when the low voltage cutoff (LVC) is activated to prevent over-discharge.



This dynamic shot shows the ARRMA Notorious RC truck accelerating rapidly, creating a significant dust cloud behind it, indicative of its powerful brushless motor system.



The ARRMA Notorious RC truck is captured mid-air, performing a jump over a dirt mound, showcasing its suspension travel and ability to handle rough terrain and aerial maneuvers.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your ARRMA Notorious truck.

6.1 Post-Run Checks

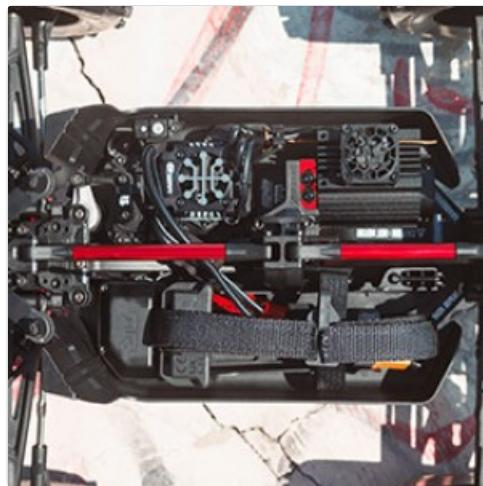
- Inspect for any loose screws, nuts, or bolts. Tighten as necessary.
- Check the wheels and tires for damage or wear.
- Clean any dirt or debris from the chassis, motor, and suspension components.
- Inspect suspension arms, shock absorbers, and linkages for damage.



This image provides an underside view of the ARRMA Notorious RC truck, highlighting the robust chassis with 'EXB' (Extreme Bash) upgrades and the layout of the drivetrain and suspension components.

6.2 Periodic Maintenance

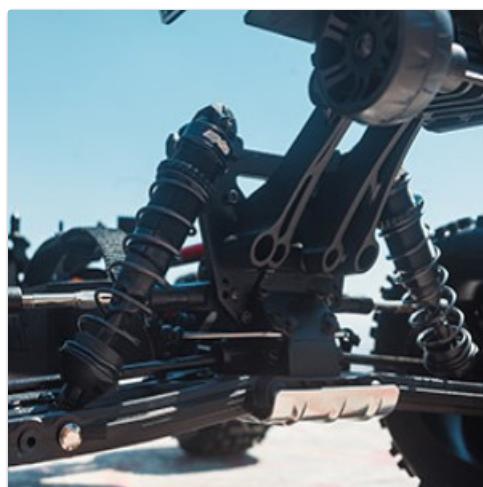
- **Differential Maintenance:** Periodically inspect and re-grease the differential gears. Refer to the detailed manual for specific procedures.
- **Shock Absorbers:** Check for leaks and ensure smooth operation. Replace shock oil as needed.
- **Motor and ESC:** Keep the motor free of debris. Ensure the ESC fan is clear and functional.
- **Bearings:** Inspect bearings for smooth rotation and replace any that feel rough.



This close-up image details the internal chassis components of the ARRMA Notorious, including the prominent red anodized driveshafts, which are part of the robust drivetrain system.



This image displays a set of differential gears and shims, components critical for the truck's drivetrain and power distribution, indicating parts that may require maintenance or replacement.



A detailed view of the ARRMA Notorious RC truck's suspension system, featuring the robust shock absorbers and control arms, designed for absorbing impacts and maintaining stability.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Vehicle does not respond	Dead battery (vehicle or transmitter), loose connections, binding issue	Charge/replace batteries. Check all electrical connections. Inspect drivetrain for obstructions.
Loss of range/intermittent control	Low transmitter battery, interference, damaged antenna	Replace transmitter batteries. Operate in an open area. Check receiver antenna for damage.
Motor runs but wheels do not turn	Stripped gears, broken driveshaft, differential issue	Inspect gears and driveshafts. Check differential operation. Replace damaged parts.
Vehicle pulls to one side	Steering trim incorrect, bent suspension component, uneven tire wear	Adjust steering trim on transmitter. Inspect suspension for damage. Check tire condition.

For more detailed troubleshooting, refer to the complete manual or contact ARRMA support.

8. SPECIFICATIONS

Key specifications for the ARRMA Notorious 6S BLX 4X4 1/8 Scale Stunt Truck RTR:

- Product Dimensions:** 25.7 x 13.6 x 21.3 inches
- Item Weight:** 21.8 pounds
- Model Number:** ARA8611V6T2
- Manufacturer:** Horizon Hobby
- Recommended Age:** 0 - 4 years (*Note: This is a manufacturer's general recommendation; direct adult supervision is required for young children due to the nature of the product.*)
- First Available:** November 27, 2024



A front-side view of the ARRMA Notorious 4X4 6S BLX BRUSHLESS V6 Stunt Truck, showcasing its blue body with a yellow front hood and aggressive off-road tires.



This image features two ARRMA Notorious 6S V6 4X4 BLX RTR Brushless RC Stunt Trucks, one in blue and one in black, parked side-by-side, illustrating the available color options.

9. WARRANTY AND SUPPORT

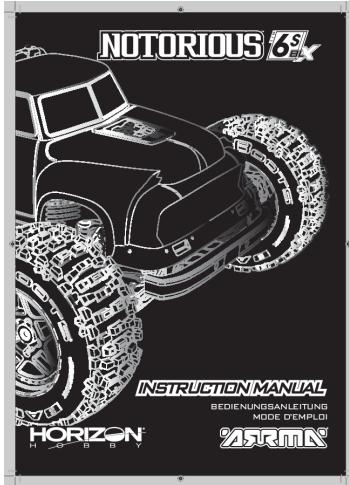
For warranty information and technical support, please refer to the official ARRMA website or contact Horizon Hobby customer service. Keep your proof of purchase for any warranty claims.

Official ARRMA Website: www.arma-rc.com

Horizon Hobby Support: www.horizonhobby.com/support

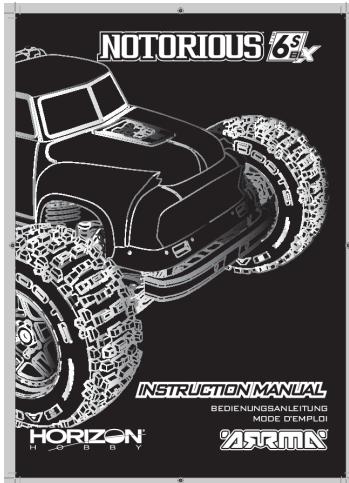
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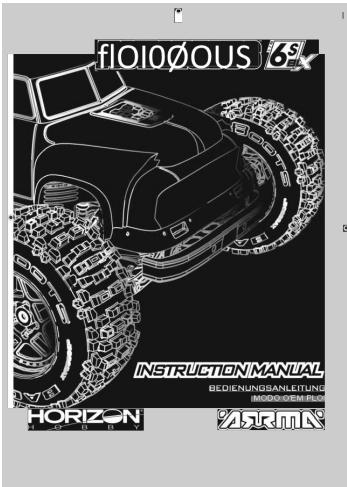
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