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> ARRMA RC Truck Outcast 4X4 4S BLX 1/10TH 4WD Stunt Truck Instruction Manual

ARRMA ARA4410V2T3

ARRMA RC Truck Outcast 4X4 4S BLX 1/10TH 4WD Stunt Truck

Model: ARA4410V2T3 | Brand: ARRMA

INTRODUCTION

The ARRMA RC Truck Outcast 4X4 4S BLX 1/10TH 4WD Stunt Truck is engineered for high-speed, super-tough RC action. Designed by experts, this vehicle emphasizes strength, speed, and value, embodying the motto 'Designed to be Fast, Designed to be Tough'. It is a sophisticated hobby product intended for enthusiasts who appreciate robust performance and durability.



The ARRMA Outcast 4X4 4S BLX Stunt Truck in Gunmetal, ready for action.

KEY FEATURES AND IMPROVEMENTS

The Outcast 4X4 4S BLX incorporates several enhancements for improved performance and durability:

- **Metal Center Differential:** Features an aluminum-cased center differential for enhanced traction and power distribution.
- **Updated Chassis:** Includes a redesigned chassis with a center differential module, hinge pin bracing, and a dirt drain for better protection and easier cleaning.
- **Enhanced Dirt Protection:** Equipped with outdrive protectors, taller side guards, and wishbone dirt guards to minimize debris ingress.
- **Higher Torque Servo:** Utilizes a Spektrum S662 metal-geared digital servo with an alloy case center for precise and powerful steering.
- **Cooler Running ESC:** Features a Spektrum Firma 120A V2 Smart ESC designed for cooler operation.
- **Improved Battery Retention:** An updated battery retention system with wire clips ensures secure battery placement.
- **Brushless Power System:** Powered by a Spektrum Firma 3668 2400Kv brushless motor with an ARRMA heatsink and cooling fan.
- **EXB All-Metal Gear Diffs:** Equipped with extreme bash (EXB) all-metal gear differentials for ultimate durability.
- **EXB CVD Driveshafts:** Features EXB CVD front and rear driveshafts for robust power delivery.
- **Wide Stance:** A wide 17.72-inch front and rear track provides aggressive bashing stability.
- **Long Chassis:** A 20.28-inch long chassis contributes to stability and control.



Metal Center Differential



Spektrum Firma 2400Kv Motor



Spektrum Firma 120A V2 Smart ESC



Spektrum S662 Digital Servo

WHAT'S IN THE BOX

Upon unboxing your ARRMA Outcast 4X4 4S BLX Stunt Truck, you will find the following components:

- (1) Spektrum Firma 120A V2 Smart Waterproof* ESC
- (1) Spektrum Firma 3668 2400Kv Brushless Motor
- (1) Spektrum S662 Metal-Geared Waterproof* Digital Servo
- (1) Spektrum 2.4GHz SLT3 Transmitter & SR315 Receiver
- Battery (Note: This refers to the battery for the transmitter, not the main vehicle battery)

NEEDED TO COMPLETE (NOT INCLUDED)

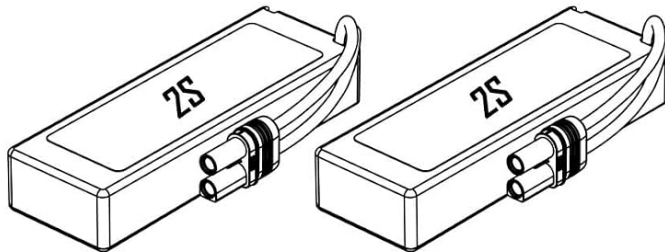
To operate your ARRMA Outcast 4X4 4S BLX Stunt Truck, you will need to acquire the following items separately:

- **LiPo Battery:** One 3S or 4S LiPo battery with an EC5 or IC5 connector. The battery tray maximum dimensions are L:156mm / 6.14in, W:51mm / 2.01in, H:48mm / 1.89in.
- **Compatible Charger:** A LiPo compatible charger is required for charging the main vehicle battery.
- **AA Batteries:** Four (4) AA batteries for the Spektrum SLT3 transmitter.

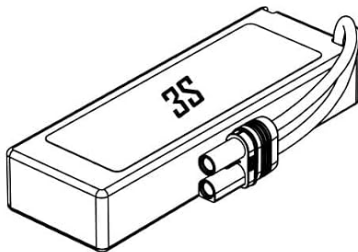
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You will require these items to run this vehicle...

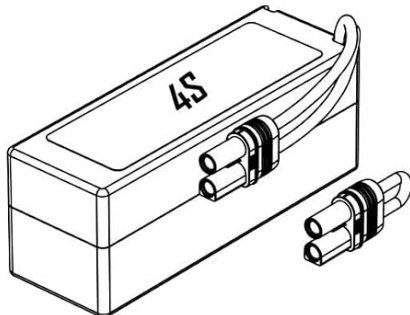
LiPo Batteries



OR



OR



Battery Tray MAX dims

L:156mm / 6.14 in

W:51mm / 2.01 in

H:48mm / 1.89 in

Charger



Side view of the ARRMA Outcast, illustrating its robust design.



Illustration of required LiPo battery configurations and 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 Guide

Follow these steps to prepare your ARRMA Outcast for its first run:

1. **Unboxing and Inspection:** Carefully remove all components from the packaging. Inspect the truck for any visible damage or loose parts.
2. **Charge Main Battery:** Using a compatible LiPo charger, fully charge your 3S or 4S LiPo battery according to the battery and charger manufacturer's instructions. Always charge in a safe, fire-resistant area.
3. **Install Transmitter Batteries:** Open the battery compartment on the Spektrum SLT3 transmitter and insert four (4) AA batteries, observing correct polarity.
4. **Install Vehicle Battery:** Securely place the charged LiPo battery into the truck's battery tray. Connect the battery to the ESC using the EC5/IC5 connector. Ensure the battery is firmly held by the retention system.
5. **Power On Sequence:** First, turn on the transmitter. Then, turn on the vehicle's ESC. Observe the LED indicators to

confirm successful power-up and binding.

6. **Binding (if necessary):** If the transmitter and receiver are not communicating, refer to the Spektrum SLT3 and SR315 manuals for binding procedures.
7. **Pre-Run Checks:** Before driving, ensure all wheels are securely attached, steering operates correctly, and the throttle responds as expected. Check for any loose wires or debris.





Spektrum SR315 Receiver

OPERATING INSTRUCTIONS

The ARRMA Outcast 4X4 4S BLX is designed for aggressive stunt driving and bashing. Familiarize yourself with the controls and practice in an open area before attempting advanced maneuvers.

- **Throttle Control:** Use the trigger on the transmitter to control forward and reverse motion. Pull for forward, push for reverse/brake.
- **Steering Control:** Use the steering wheel on the transmitter to turn the front wheels left and right.
- **Driving Surfaces:** The Outcast performs well on various off-road terrains including dirt, gravel, grass, and loose

surfaces. Avoid driving in deep water or extremely muddy conditions to prevent damage to electronics.

- **Stunt Capabilities:** This truck is built for stunts. Experiment with throttle input and steering to perform wheelies, jumps, and flips. The integrated wheelie bar helps maintain control during aggressive acceleration.
- **Battery Management:** Monitor your battery's charge level. Stop driving when you notice a significant decrease in power to prevent over-discharging your LiPo battery.



The ARRMA Outcast demonstrating its capability to kick up dirt during aggressive driving.



The Outcast navigating loose terrain, showcasing its off-road prowess.



Rear view of the Outcast, highlighting the integrated wheelie bar for stunt stability.

MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your ARRMA Outcast. Perform these checks after every few runs:

- **Cleaning:** Remove dirt, dust, and debris from the chassis, suspension components, and motor. Use a soft brush or compressed air. Avoid using water directly on electronics.
- **Screw Check:** Inspect all screws and fasteners for tightness. Vibrations from driving can loosen them over time. Pay particular attention to suspension and drivetrain components.
- **Drivetrain Inspection:** Check the gears, differentials, and driveshafts for wear or damage. Ensure smooth rotation and proper lubrication.
- **Suspension Check:** Inspect shock absorbers for leaks and ensure they operate smoothly. Check suspension arms and linkages for bends or cracks.
- **Tire and Wheel Inspection:** Check tires for punctures or excessive wear. Ensure wheels are not cracked and are securely mounted.
- **Motor and ESC Cooling:** Ensure the motor and ESC cooling fans are free of obstructions and functioning correctly.



Underside view of the Outcast chassis, showing components for inspection and cleaning.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ARRMA Outcast 4X4 4S BLX Stunt Truck.

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	Low transmitter/vehicle battery, not bound, power switch off.	Replace/charge batteries. Ensure transmitter is on first, then vehicle. Re-bind if necessary.

Problem	Possible Cause	Solution
Loss of steering control.	Servo issue, loose servo horn, weak servo saver spring.	Check servo connections. Tighten servo horn screw. Consider upgrading servo saver spring if issue persists.
Truck flips backwards easily on acceleration.	Differential fluid too thin, excessive punch control.	Consider using thicker differential fluid (e.g., 20M weight). Adjust ESC punch control settings if available.
Grinding noise from drivetrain.	Damaged gears, debris in drivetrain, loose motor mount.	Inspect gears for damage. Clean drivetrain. Check motor mount screws for tightness.
Motor/ESC overheating.	Gearing too high, insufficient airflow, continuous heavy load.	Check motor/ESC temperatures. Consider reducing pinion gear size. Ensure cooling fans are clear. Allow components to cool between runs.

SPECIFICATIONS

Detailed specifications for the ARRMA Outcast 4X4 4S BLX Stunt Truck:

Specification	Value
Product Dimensions	22.9 x 10.4 x 19.4 inches
Item Weight	6.6 pounds
ASIN	B0CQ725CJJ
Item Model Number	ARA4410V2T3
Manufacturer Recommended Age	14 years and up
Release Date	October 30, 2023
Manufacturer	Arrma



Dimensional overview of the ARRMA Outcast 4S 1/10 4WD BLX RTR stunt truck.

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please visit the official ARRMA website or contact their customer service department. Keep your proof of purchase for any warranty claims.

You can find more information and products on the [ARRMA Store on Amazon](#).

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