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› ARRMA Gorgon 2WD RTA Kit Monster Truck Instruction Manual

## ARRMA ARA3230SKT2

# ARRMA Gorgon 2WD RTA Kit Monster Truck Instruction Manual

Model: ARA3230SKT2

## IMPORTANT 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.

## PRODUCT OVERVIEW

The ARRMA Gorgon 2WD RTA (Ready-to-Assemble) Kit is a 1/10 scale brushed monster truck designed for enthusiasts to build themselves. This kit provides a hands-on assembly experience, allowing users to construct the vehicle from factory-built modules, mounted tires, and a body. The completed truck is durable and suitable for various terrains.

The kit includes a Spektrum Smart 7-cell NiMH battery and a Spektrum S120 USB-C Smart Charger for convenient and safe recharging. The vehicle features a durable composite chassis, independent suspension, oil-filled shocks, and adjustable ride height for a smooth driving experience. Users can choose between a clear body for custom painting or a factory-finished body.



The ARRMA Gorgon 2WD RTA Kit Monster Truck with its clear body, ready for customization.

## WHAT'S INCLUDED

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Your ARRMA Gorgon 2WD RTA Kit includes the following components:

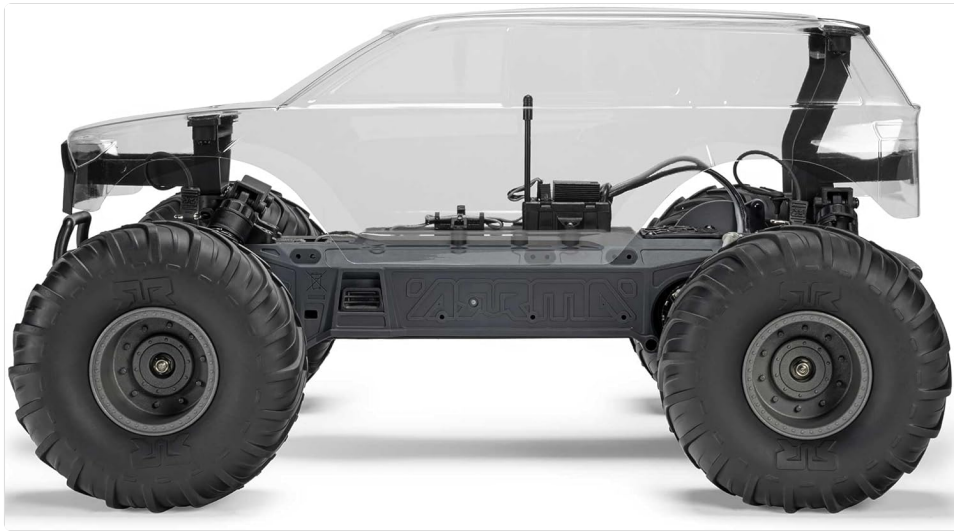
- 1/10 GORGON 2WD RTA Kit Brushed Monster Truck (Clear body version)
- Spektrum SLT Waterproof 2-in-1 40A ESC and Receiver Unit
- Mega 550 14T Brushed Motor
- Spektrum SLT2 2.4GHz Transmitter
- Spektrum S660 Waterproof Digital Steering Servo (84 oz-in @ 6V)
- Spektrum 8.4V 3300mAh 7-Cell Hump Smart NiMH Battery with IC3 Connector
- Spektrum 2S LiPo Ready S120 USB-C Smart Charger
- 4 AA Transmitter Batteries
- Molded Hand Tools (2.0mm and 2.5mm)
- Product Manual

## SETUP GUIDE

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### 1. Assembly

Follow the detailed instructions provided in the included product manual to assemble your ARRMA Gorgon monster truck. The kit is designed with factory-built modules for straightforward construction. Ensure all screws are tightened appropriately and moving parts operate smoothly.



A view of the ARRMA Gorgon chassis and internal components through the clear body.

## 2. Battery Charging

The included Spektrum 8.4V 3300mAh 7-Cell Hump Smart NiMH Battery must be fully charged before first use. Use only the provided Spektrum S120 USB-C Smart Charger.

- Connect the Spektrum S120 USB-C Smart Charger to a compatible USB power supply (not included). A USB power supply with QC 2.0/3.0 18W+ is recommended.
- Connect the Spektrum Smart NiMH battery to the charger's IC3 connector.
- The charger will automatically begin charging. Refer to the charger's indicator lights for charging status.
- Always supervise charging and disconnect the battery once fully charged.



An illustration of a USB power supply, which is required but not included with the kit, for use with the Spektrum S120 USB-C Smart Charger.

## 3. Transmitter Setup

Install the 4 AA batteries into the Spektrum SLT2 2.4GHz Transmitter. Ensure correct polarity. Power on the transmitter before powering on the vehicle.

## 4. Binding (if necessary)

Your transmitter and receiver should come pre-bound. If re-binding is required, refer to the detailed instructions in the full product manual for the specific binding procedure for the Spektrum SLT2 transmitter and 2-in-1 ESC/receiver unit.

# OPERATING INSTRUCTIONS

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## 1. Pre-Run Checks

- Ensure the battery is fully charged and securely installed.
- Check that the transmitter batteries are fresh.
- Verify all wheels are securely attached and steering operates freely.
- Inspect for any loose wires or damaged components.

## 2. Starting the Vehicle

- Turn on the transmitter first.
- Connect the battery to the ESC in the vehicle.

- Turn on the vehicle's power switch.
- Place the vehicle on a flat surface and ensure it responds correctly to steering and throttle inputs.

### 3. Basic Controls

- **Throttle Trigger:** Pull to accelerate forward, push to brake/reverse.
- **Steering Wheel:** Turn left to steer left, turn right to steer right.
- **Trim Dials:** Adjust steering and throttle trims to ensure the vehicle drives straight and stops when the trigger is neutral.



The ARRMA Gorgon Monster Truck in action, demonstrating its off-road capabilities.

### 4. Driving Tips

- Start slowly to get accustomed to the controls.
- Avoid driving in wet conditions or through deep puddles, despite the waterproof electronics, to prevent damage.
- Always maintain a safe distance from people, pets, and obstacles.
- When the battery power decreases, the vehicle's performance will drop. Stop driving and recharge the battery.



The ARRMA Gorgon Monster Truck resting on its side, showcasing its robust design.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your ARRMA Gorgon.

### After Each Use

- **Clean the Vehicle:** Remove dirt, dust, and debris from the chassis, suspension, and drivetrain using a soft brush or compressed air.
- **Inspect for Damage:** Check for bent or broken parts, loose screws, or damaged wiring. Replace or repair as needed.
- **Check Wheels and Tires:** Ensure wheels are tight and tires are free from punctures or excessive wear.
- **Battery Care:** Disconnect and store the battery in a cool, dry place. Do not store fully charged or fully discharged for extended periods.

### Periodic Maintenance

- **Lubricate Moving Parts:** Apply appropriate RC-specific lubricant to universal joints, dogbones, and other friction points.
- **Check Shocks:** Ensure oil-filled shocks are not leaking and provide consistent damping. Refill or rebuild if necessary.
- **Inspect Drivetrain:** Check gears for wear and ensure smooth operation.
- **Tighten Screws:** Periodically check and tighten all screws, especially those on suspension components and the chassis.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your ARRMA Gorgon monster truck.

Problem	Possible Cause	Solution
Vehicle not responding	Low battery in vehicle or transmitter; Transmitter and receiver not bound; Power switch off.	Charge vehicle battery; Replace transmitter batteries; Ensure both are powered on; Re-bind transmitter and receiver.
Vehicle runs slowly or has reduced range	Low vehicle battery; Motor or drivetrain issues; Interference.	Recharge vehicle battery; Inspect motor and gears for debris or damage; Drive in an open area away from other electronics.
Steering not centered or inconsistent	Steering trim incorrect; Damaged servo or linkages; Loose wheel nuts.	Adjust steering trim on transmitter; Inspect servo and linkages for damage; Tighten wheel nuts.
Motor runs but wheels do not turn	Stripped gears; Loose driveshaft; Pinion gear not meshed correctly.	Inspect and replace stripped gears; Secure driveshaft; Adjust motor position for proper gear mesh.

## SPECIFICATIONS

Key specifications for the ARRMA Gorgon 2WD RTA Kit Monster Truck (Model ARA3230SKT2):

Feature	Detail
Model Name	1/10 GORGON 2WD RTA Kit Brushed Monster Truck
Model Number	ARA3230SKT2
Scale	1:10 Scale
Drive Type	2WD
Motor Type	Mega 550 14T Brushed Motor
ESC/Receiver	Spektrum SLT Waterproof 2-in-1 40A ESC and Receiver Unit
Servo	Spektrum S660 Waterproof Digital Steering Servo (84 oz-in @ 6V)
Transmitter	Spektrum SLT2 2.4GHz Transmitter
Included Battery	Spektrum 8.4V 3300mAh 7-Cell Hump Smart NiMH Battery with IC3 Connector
Included Charger	Spektrum 2S LiPo Ready S120 USB-C Smart Charger
Material Type	Plastic
Item Dimensions (L x W x H)	18.2 x 7.7 x 13.1 inches
Assembly Required	Yes
Minimum Age	14+ years (168 months)

## WARRANTY INFORMATION

This product is manufactured by Horizon Hobby, LLC. For detailed warranty information, including terms, conditions, and registration, please refer to the official Horizon Hobby website or the warranty card included with your product. Typically, a limited warranty covers defects in materials and workmanship from the date of purchase.

## SUPPORT

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For technical assistance, spare parts, or further inquiries regarding your ARRMA Gorgon 2WD RTA Kit Monster Truck, please contact Horizon Hobby customer support. You can find contact information and additional resources on their official website:

[Visit Horizon Hobby Support](#)