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> ARRMA Composite Top Deck (204mm) - GROM Instruction Manual

ARRMA ARA320816

ARRMA Composite Top Deck (204mm) - GROM

Model: ARA320816 | Brand: ARRMA

PRODUCT OVERVIEW

This strong Composite Top Deck, designed for a 204mm wheelbase configuration, serves as a direct replacement part for your ARRMA vehicle. It is engineered from tough composite material to ensure long-lasting durability, particularly during demanding RC operations. The deck is precision manufactured to provide a secure and reliable fit within the vehicle's chassis. Strategic reinforcement has been added in high-stress areas to further enhance its overall durability and resistance to impact.

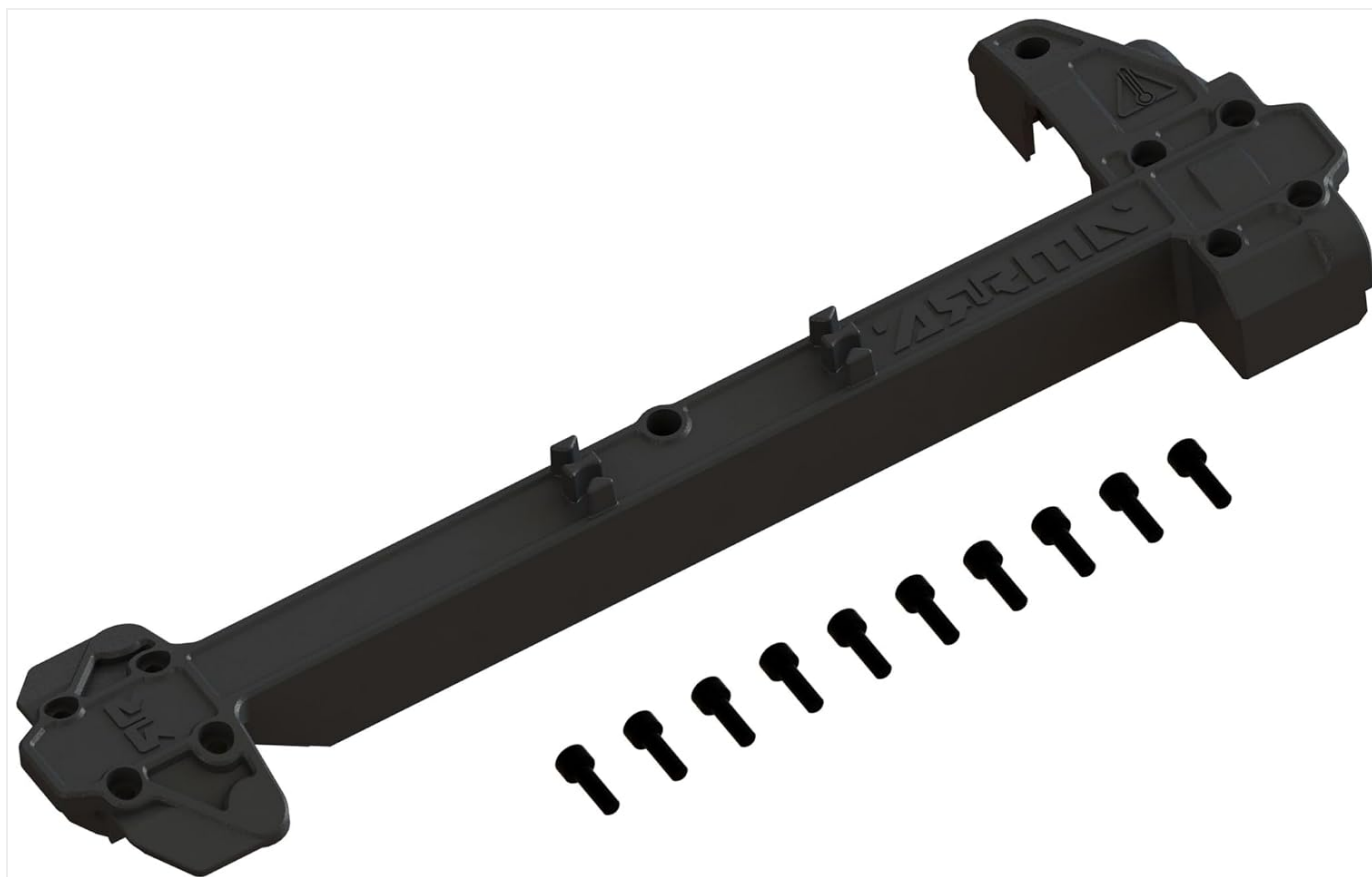


Figure 1: The ARRMA Composite Top Deck (204mm) shown alongside the ten M2.5x8mm cap head screws included for installation. The deck is a dark grey, elongated component with mounting points at each end and along its length, featuring the ARRMA logo embossed on its surface.

WHAT'S INCLUDED

The package for the ARRMA Composite Top Deck (204mm) - GROM, ARA320816 includes the following components:

- 1 x Composite Top Deck - 204mm Wheelbase
- 10 x M2.5x8mm Cap Head Screws

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 AND INSTALLATION

This Composite Top Deck is designed as a replacement part for compatible ARRMA vehicles. Proper installation is crucial for the structural integrity and performance of your RC model. Always refer to your vehicle's specific assembly manual for detailed, step-by-step instructions regarding the removal of the old top deck and installation of the new one.

General Installation Guidelines:

1. **Preparation:** Ensure your workspace is clean and well-lit. Gather necessary tools, which typically include a hex driver set (e.g., 2.0mm, 2.5mm) and possibly small pliers.
2. **Disassembly:** Carefully remove any components attached to or obstructing the existing top deck. This may include electronics, wiring clips, or other structural elements. Note the position and type of all screws removed.
3. **Old Deck Removal:** Unscrew and gently remove the old top deck from the chassis. Inspect the surrounding components for any damage or wear.
4. **New Deck Placement:** Position the new ARRMA Composite Top Deck (ARA320816) onto the chassis, aligning all mounting holes.
5. **Securing the Deck:** Use the provided 10 x M2.5x8mm Cap Head Screws to secure the new top deck. Apply threadlock if recommended by your vehicle's manual for specific screws. Tighten screws evenly to avoid stressing the composite material. Do not overtighten.
6. **Reassembly:** Reattach any components, electronics, and wiring clips that were removed during disassembly. Ensure all connections are secure and wires are routed correctly to prevent pinching.
7. **Final Check:** Before operating the vehicle, perform a thorough visual inspection to ensure all screws are tightened, components are properly seated, and there are no obstructions.

Note: The specific steps may vary depending on your ARRMA vehicle model. Always consult your vehicle's instruction manual for precise installation procedures.

OPERATING CONSIDERATIONS

The ARRMA Composite Top Deck is a structural component of your RC vehicle and does not have independent operational functions. Its primary role is to provide rigidity and support to the chassis, protecting internal components and contributing to the overall handling characteristics of the vehicle. The "operation" of this part is intrinsically linked to the

operation of the RC vehicle itself.

Ensure that the top deck is securely installed before operating your vehicle. Any loose screws or improper fitment can compromise the vehicle's performance and durability during use.

MAINTENANCE

Regular maintenance of your ARRMA Composite Top Deck will help prolong its lifespan and ensure continued performance of your RC vehicle.

- **Cleaning:** After each use, especially in dusty or dirty conditions, clean the top deck using a soft brush or compressed air to remove debris. For stubborn dirt, a damp cloth can be used, but avoid harsh chemicals that may degrade the composite material.
- **Inspection:** Periodically inspect the top deck for any signs of damage, such as cracks, stress marks, or deformation. Pay close attention to mounting points and areas subjected to high impact.
- **Screw Check:** Regularly check all screws securing the top deck to ensure they remain tight. Vibrations during operation can cause screws to loosen over time. Retighten as necessary, but do not overtighten.
- **Replacement:** If the top deck shows significant signs of damage or wear that could compromise the vehicle's integrity, replace it with a genuine ARRMA replacement part (ARA320816) to maintain optimal performance and safety.

TROUBLESHOOTING

While the Composite Top Deck is a robust component, issues can arise from extreme use or improper installation. Here are some common troubleshooting scenarios:

Problem	Possible Cause	Solution
Top deck appears loose or rattles.	Loose mounting screws.	Inspect and tighten all M2.5x8mm cap head screws. Do not overtighten.
Visible cracks or damage on the deck.	High-impact collision or material fatigue.	Replace the damaged top deck with a new ARRMA Composite Top Deck (ARA320816). Continued use of a cracked deck can lead to further damage to the vehicle.
Difficulty aligning the new top deck during installation.	Incorrect orientation or debris in mounting holes.	Ensure the deck is oriented correctly. Clear any debris from mounting holes on both the deck and the chassis. Do not force the deck into place.

SPECIFICATIONS

Feature	Detail
Product Name	Composite Top Deck (204mm) - GROM
Part Number	ARA320816
Material	Tough Composite
Wheelbase Configuration	204mm
Product Dimensions	11 x 4.5 x 0.9 inches

Feature	Detail
Item Weight	1.44 ounces
Manufacturer	Horizon Hobby
Recommended Age	14 years and up

WARRANTY AND SUPPORT

This ARRMA product is manufactured by Horizon Hobby. For specific warranty information, terms, and conditions, please refer to the documentation provided with your complete ARRMA vehicle kit or visit the official Horizon Hobby website. Warranty coverage typically applies to defects in materials and workmanship.

For technical support, replacement parts, or further assistance, please contact Horizon Hobby customer service. Contact details can usually be found on their official website or in your vehicle's main instruction manual. When contacting support, please have your product model number (ARA320816) and purchase information readily available.

Online Resources: For additional resources, FAQs, and community forums, visit the official ARRMA website or Horizon Hobby support pages.

ASK A QUESTION ABOUT THIS MANUAL

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.

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