

# AR-15/M16 FREE FLOAT RAS - KNIGHTS ARMAMENT AR15 5.56 FREE FLOAT RAS MK12 MOD 1

[Rifle Parts](#) > [Build Kits](#) > [Handguards & Rails](#)

The KAC Free Float Rifle RAS has been in service with a variety of military units, proving itself as one of the most versatile and rugged handguards available. The RAS (Rail Adapter System) features full length mil-spec M1913 Picatinny rails at the 12-, 3-, 6-, and 9 o'clock positions, making it compatible with any number of rail-mounted tactical accessories. The rail free floats the barrel, allowing for consistent barrel harmonics upon firing, and thus increased accuracy potential. Includes three KAC 11 Rib Rail Panels. This Free Float RAS requires that the rifle have a carbine or mid length gas system and a low profile gas block. Disassembly of the rifle's gas system and removal of the factory barrel nut will be necessary. This forend uses a proprietary barrel nut that may be installed using a standard AR-15 armorer's barrel nut wrench (sold separately). For AR-15/SR-15 based platforms only; not compatible with SR-25 variants. Installation instructions are included.



## Attributes

- Name: [KNIGHTS ARMAMENT AR15 5.56 FREE FLOAT RAS MK12 MOD 1](#)
- Manufacturer: [KNIGHTS ARMAMENT](#)
- Product no.: 100015196
- Mfr. No.: 21318
- Colour: Black
- Length: 12
- Material: Aluminum
- Style: Picatinny
- Type: Free Float
- Weapon type: AR-15
- Delivery weight: 0.726kg
- Shipping height: 102mm
- Shipping width: 102mm
- Shipping length: 368mm
- UPC: 819064015161

## Item details

Made in USA

US export classification: 0A501.y.1

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for AR15/M16 Free Float RAS](#)
- [About Us](#)

# Safety Instruction Guide for AR15/M16 Free Float RAS

## Introduction

Thank you for choosing the KAC Free Float Rifle RAS. This product is designed to enhance your rifle's performance while ensuring safety during use. Please read this safety instruction guide carefully to understand how to use, install, and maintain your handguard safely.

## General Safety Guidelines

- Ensure the product is used only with AR15/M16 rifles that have a compatible carbine or midlength gas system and a low profile gas block.
- Always follow the manufacturer's instructions for installation and use.
- Keep the product out of reach of children and vulnerable individuals.
- Regularly inspect the product for signs of wear or damage. If any issues are identified, discontinue use immediately.
- Report any unsafe products, accidents, or malfunctions to the appropriate authorities.
- Stay informed about recall updates on the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- Before using the rifle, ensure it is unloaded and pointed in a safe direction.
- Use only compatible tactical accessories designed for the Picatinny rail system.
- Do not exceed the weight limit specified by the manufacturer for mounted accessories.
- Avoid using the rifle in wet or humid conditions without proper protection to prevent corrosion.
- Ensure that the barrel is properly free floating and does not make contact with the handguard or any mounted accessories.
- Wear appropriate personal protective equipment (PPE), such as eye and ear protection, when firing the rifle.

## Instructions for Installation and Usage

### 1. Preparation

- Ensure you have a standard AR15 armorer's barrel nut wrench (sold separately) for installation.
- Gather all necessary tools and accessories before beginning the installation process.

### 2. Disassembly of the Rifle

- Unload the rifle and ensure it is clear of ammunition.
- Disassemble the rifle's gas system as per the manufacturer's guidelines.
- Remove the factory barrel nut carefully.

### 3. Installation of the Free Float RAS

- Install the proprietary barrel nut that comes with the Free Float RAS using the armorer's barrel nut wrench.
- Attach the Free Float RAS to the barrel nut, ensuring it is securely fastened.
- Ensure that the handguard is properly aligned and that the barrel is free floating.

### 4. Final Checks

- Inspect the installation to ensure everything is secure and properly aligned.
- Reassemble the rifle and perform a function check to ensure all components are working correctly.
- If any issues arise during installation, consult a qualified gunsmith.

## **Disposal Instructions**

- Dispose of the product in accordance with local regulations for waste disposal.
- If the product is damaged or no longer usable, consider recycling materials when possible.
- Do not dispose of the product in household waste unless permitted by local laws.

## **Contact Information for Further Support**

For further assistance or inquiries regarding safety concerns, please refer to the manufacturer's website or customer service.

Thank you for your attention to these safety instructions. Enjoy your enhanced shooting experience with the KAC Free Float Rifle RAS.

# About Us

## Brownells UK

### **Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories**

Unit 1, Laughing Dog Industrial Estate  
London Road  
Rugby  
Warwickshire  
CV23 9LP

[www.brownells.co.uk](http://www.brownells.co.uk)