

# BRN-180® GEN 2 COMPLETE UPPER RECEIVER ASSEMBLY - BROWNELLS BRN-180 GEN 2 16" 7.62X39MM UPPER RECEIVER ASSEMBLY

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BRN-180® Upper Receiver Group Gen2 – Reliable Piston System Made Even More Versatile Designed in conjunction with PWS & FM Products, the Brownells BRN-180® Complete Upper Receiver is inspired by the Armalite® AR-180 of the 1960s. Developed as a successor to the original AR-15, the AR-180 was a civilianized version of the AR-18, itself an upgrade on the M16 platform. The BRN-180® incorporates many of the AR-18/AR-180 improvements - including its robust and reliable gas piston operating system. (Yes, the originators of the AR-15 / M16 eventually embraced a piston!) The BRN-180® Gen2 Upper Receiver Group improves upon the original BRN-180 with two main upgrades. First, all BRN-180® Upper Receivers now ship with an Adjustable Gas System, previously only found on the BRN-180S®. The operating mechanism, the short stroke gas piston concept remains the same, but the user can select between two settings, depending on their conditions and ammunition, to ensure smooth and consistent function. No more spare gas piston cup to worry about. In addition to the new Adjustable Gas System, the Handguard is now retaining with a single locking screw. This large screw provides ample locking force and ensures a more consistent handguard lockup than the previous mechanism. During extended firing, and the barrel heating up, this new locking system ensures the handguard retains alignment and rigidity with the upper receiver. Also, with this new takedown mechanism, the handguard can be removed to access the gas system without removing the internal components. Like the original, the BRN-180® bolt carrier rides smoothly on a PAIR of guide rods. The carrier is buffered at the rear by a built-in polymer buffer with a molded-in steel plate that captures the guide rods. The Nitride bolt replicates the original AR-180 bolt design, right down to its use of a standard AR-15 extractor. Wait - we know what you're dying to ask. Yes, the BRN-180® upper receiver is fully compatible with any standard, mil-spec AR-15 lower receiver. The 16" or 18.5" barrel is machined from extra-strong 4150 carbon steel, with a hard Nitride finish that really resists surface wear. The BRN-180™ is chambered in .223 Wylde - for extra flexibility in ammo choice - with 1-8" rifling, so it handles both .223 Remington and military-type 5.56mm NATO ammo with equal aplomb. Up front there's a replica of the AR-180's unusual three-prong flash hider: the hemispherical bottom prong helps prevent the muzzle blast from kicking up a dust signature when shooting prone. Standard ½-28 tpi muzzle threads let you swap on a modern AR-15 muzzle device should you be bitten by the customizing bug. Ultra-reliable AR-180 piston operating system Compatible with current mil-spec AR-15 lowers Machined 7075 T6 aluminum receiver & handguard - hardcoat anodized finish 16" or 18.5" barrel with matte black Nitride finish .223 Wylde chamber Button rifled bore; 1-8" twist ½"-28 threaded muzzle Replica 3-prong AR-180 flash suppressor Molded polymer ejection port cover Total weight: 4.65 lbs We recommend the use of C-Products Duramag and/or Unimag for best results in our 7.62x39 variant.



## Attributes

- Name: [BROWNELLS BRN-180 GEN 2 16" 7.62X39MM UPPER RECEIVER ASSEMBLY](#)

- Manufacturer: **BROWNELLS**
- Product no.: 078000723
- Mfr. No.:
- Cartridge: 7.62 x 39 mm
- Colour: Black
- Finish: Anodized
- Length: 16"
- Model: BRN-180
- Muzzle: 5/8-24
- Style: Complete
- Twist: 1-9.5
- Weapon type: Brownells
- Delivery weight: 2.132kg
- Shipping height: 108mm
- Shipping width: 108mm
- Shipping length: 686mm
- UPC: 050806004269

## Item details

Made in USA

US export classification: 0A501.e

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# Safety Instruction Guide for BRN180® Gen 2 Complete Upper Receiver Assembly

## Introduction

Thank you for choosing the BRN180® Gen 2 Complete Upper Receiver Assembly. This guide provides essential safety instructions and guidelines to ensure the safe and effective use of your product. Please read this manual carefully before installation and usage.

## General Safety Guidelines

- Ensure that the product is used only by individuals who are knowledgeable about firearms and firearm safety.
- Always handle the upper receiver assembly with care, treating it as if it is loaded.
- Store the upper receiver assembly in a secure location, out of reach of children and unauthorized users.
- Regularly inspect the product for any signs of wear or damage before each use.
- Follow all local laws and regulations regarding firearm modifications and usage.

## Specific Safety Precautions for Use

- **Compatibility:** Ensure that the BRN180® upper receiver is installed on a standard, milspec AR15 lower receiver for safe operation.
- **Ammunition:** Use only .223 Wylde or 7.62x39mm ammunition as specified. Using incorrect ammunition may cause malfunctions or dangerous conditions.
- **Gas System:** Familiarize yourself with the adjustable gas system. Adjust settings based on the ammunition used to ensure reliable operation.
- **Handguard:** Ensure the handguard is securely locked in place before firing. Regularly check the locking screw for proper tightness.
- **Cleaning and Maintenance:** Follow the manufacturer's recommendations for cleaning and maintaining the upper receiver assembly to prevent malfunctions.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure the lower receiver is empty and safe before beginning installation.
- Align the BRN180® upper receiver with the lower receiver.
- Securely attach the upper receiver to the lower receiver following standard AR15 assembly procedures.
- Verify that the upper receiver is locked in place and functions properly with the lower receiver.

### 2. Usage:

- Before firing, ensure that the firearm is pointed in a safe direction.
- Load the firearm with the appropriate ammunition.
- Adjust the gas system as necessary based on the conditions and ammunition used.
- Fire the firearm only in a safe and controlled environment, following all applicable laws and regulations.

## Disposal Instructions

- Dispose of the upper receiver assembly in accordance with local regulations regarding firearm components.

- If the product is damaged beyond repair, consult local authorities for proper disposal methods to ensure safety and environmental compliance.

## **Contact Information for Further Support**

For any safety inquiries or support regarding the BRN180® Gen 2 Complete Upper Receiver Assembly, please consult the manufacturer or authorized dealers.

## **Conclusion**

Your safety is paramount when using the BRN180® Gen 2 Complete Upper Receiver Assembly. By following these guidelines and instructions, you can ensure a safe and enjoyable experience with your product. Always prioritize safety and responsibility when handling firearms.

# About Us

## Brownells UK

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