

# BRN-180® GEN 2 COMPLETE UPPER RECEIVER ASSEMBLY - BROWNELLS BRN-180S GEN 2 10.5" 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-180S GEN 2 10.5" 7.62X39MM UPPER RECEIVER ASSEMBLY](#)

- Manufacturer: **BROWNELLS**
- Product no.: 078000724
- Mfr. No.:
- Cartridge: 7.62 x 39 mm
- Colour: Black
- Finish: Anodized
- Length: 10"
- Model: BRN-180
- Muzzle: 5/8-24
- Style: Complete
- Twist: 1-9.5
- Weapon type: Brownells
- Delivery weight: 2.109kg
- Shipping height: 102mm
- Shipping width: 102mm
- Shipping length: 686mm
- UPC: 050806113671

## Item details

Made in USA

US export classification: 0A501.e

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# BRN180® Gen 2 Complete Upper Receiver Assembly Safety Instructions

## Introduction

Thank you for choosing the BRN180® Gen 2 Complete Upper Receiver Assembly. This product is designed for reliable performance and safety. Please read this safety instruction guide carefully to ensure proper use and maintenance of your upper receiver assembly.

## General Safety Guidelines

- Always treat the upper receiver assembly as if it is loaded.
- Ensure you are familiar with the operation of your firearm and the specific features of the BRN180® upper receiver.
- Store this product in a secure location, out of reach of children and unauthorized users.
- Regularly inspect the upper receiver assembly for any signs of wear or damage before use.
- Follow all local laws and regulations regarding firearm use and ownership.

## Specific Safety Precautions for Use

- **Compatibility:** The BRN180® upper receiver is compatible with standard milspec AR15 lower receivers. Ensure you are using a compatible lower receiver to avoid malfunctions.
- **Ammunition:** Use only .223 Wylde ammunition for optimal performance. Avoid using reloaded or damaged ammunition.
- **Gas System:** The adjustable gas system allows you to select between two settings. Familiarize yourself with these settings and adjust them according to your shooting conditions.
- **Handguard:** Ensure the handguard is securely locked in place before use. Regularly check the locking screw for tightness.
- **Cleaning:** Always clean the upper receiver assembly after use to prevent buildup of residue that could affect performance.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure the firearm is unloaded and pointed in a safe direction.
- Align the BRN180® upper receiver with the lower receiver and insert the takedown pins to secure it in place.
- Check that the upper receiver is properly seated and locked.

### 2. Usage:

- Adjust the gas system according to your ammunition and environmental conditions.
- Load your firearm following standard procedures and ensure it is pointed in a safe direction.
- Engage the safety until you are ready to fire.
- After firing, ensure the firearm is unloaded before performing any maintenance or adjustments.

### 3. Maintenance:

- Regularly clean the upper receiver using appropriate cleaning supplies.
- Inspect the gas piston and other components for wear and replace as necessary.
- Store the upper receiver assembly in a dry and secure location.

## **Disposal Instructions**

- Dispose of the upper receiver assembly in accordance with local regulations.
- If the product is damaged beyond repair, ensure it is rendered inoperable before disposal.
- Recycle any metal components where possible, following local recycling guidelines.

## **Contact Information for Further Support**

For safety inquiries or additional support regarding the BRN180® Gen 2 Complete Upper Receiver Assembly, please refer to the manufacturer's official website or contact their customer service directly.

Thank you for ensuring your safety and the safety of others while using the BRN180® Gen 2 Complete Upper Receiver Assembly.

# About Us

## Brownells UK

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

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