

# **BRN-180S® GEN 2 COMPLETE UPPER RECEIVER ASSEMBLY - BROWNELLS BRN-180S GEN 2 UPPER RECEIVER 223 WYLDE 10.5" BARREL BLACK**

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Designed in conjunction with PWS & FM Products, the Brownells BRN-180S® Complete Upper Receiver is the newest iteration of the BRN-180® Upper Receiver, which was inspired by the Armalite® AR-180 of the 1960s. The BRN-180S® shares a large chunk of components with the BRN-180® but introduces key features to improve reliability and usability in a short configuration. The BRN-180S® is obviously shorter than the standard BRN-180®. The 223 Wylde version comes with a 10.5" barrel configuration. The free float M-LOK handguard mated to the assembly is also shorter, terminating just in front the gas block. This resulting shorter system also required a cutout in the handguard to access the two-position adjustment. The user can select between these two settings to find the most reliable configuration with their ammo and suppressor. 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 AR-180, 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. The barrel is machined from extra-strong 4150 carbon steel, with a hard Nitride finish that really resists surface wear. The 223 Wylde BRN-180® chamber allows 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 on the 223 Wylde 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 10.5" barrel on 223 Wylde with matte black Nitride finish .223 Wylde chamber Button rifled bore; 1-8" twist for both the 223 Wylde ½"-28 threaded muzzle for 223 Wylde Replica 3-prong AR-180 flash suppressor Molded polymer ejection port cover Total weight: 4 lbs



## Attributes

- Name: [BROWNELLS BRN-180S GEN 2 UPPER RECEIVER 223 WYLDE 10.5" BARREL BLACK](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 078000599
- Mfr. No.:
- Cartridge: 223 Wylde
- Colour: Black
- Finish: Anodized
- Length: 10.5"
- Model: BRN-180
- Muzzle: 1/2-28
- Style: Complete
- Twist: 1-8
- Weapon type: Brownells
- Delivery weight: 2.127kg
- Shipping height: 108mm
- Shipping width: 108mm
- Shipping length: 699mm
- UPC: 050806113510

## Item details

Made in USA

US export classification: 0A501.e

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# Safety Instruction Guide for BRN180S® GEN 2 Complete Upper Receiver Assembly

## Introduction

Thank you for choosing the BRN180S® GEN 2 Complete Upper Receiver Assembly. This guide provides essential safety information to ensure the safe and effective use of your product. Please read this guide thoroughly before using the upper receiver assembly.

## General Safety Guidelines

- Always handle firearms and firearm components with care and respect.
- Ensure that you are in compliance with all local, state, and national laws regarding firearms.
- Store the upper receiver assembly 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.
- Always wear appropriate safety gear, including eye and ear protection, when using firearms.
- Be aware of your surroundings and ensure that you have a clear and safe shooting area.

## Specific Safety Precautions for Use

- Ensure that the firearm is unloaded before attaching or detaching the upper receiver assembly.
- Only use ammunition that is compatible with the .223 Wylde chamber of the upper receiver assembly.
- Do not exceed the manufacturer's recommended load specifications.
- Never point the firearm at anything you do not intend to shoot.
- Be cautious of the gas system adjustments to avoid malfunction or injury.
- If you experience any malfunctions or unusual behavior during use, cease operation immediately and consult a qualified gunsmith.

## Instructions for Installation and Usage

### Installation

#### 1. Prepare Your Firearm:

- Ensure that your lower receiver is compatible with the BRN180S® upper receiver assembly.
- Make sure the firearm is unloaded.

#### 2. Attach the Upper Receiver:

- Align the upper receiver with the lower receiver.
- Push down on the rear takedown pin to secure the upper receiver in place.
- Ensure that the upper is locked into position and that the takedown pin is fully engaged.

#### 3. Check the Gas System:

- Adjust the gas system to the desired setting based on your ammunition type and shooting conditions.

### Usage

#### 1. Loading:

- Load the firearm with compatible .223 Wylde ammunition.

- Ensure the magazine is properly seated in the lower receiver.

## **2. Shooting:**

- Always maintain a proper shooting stance and grip.
- Follow all standard safety protocols when firing.

## **3. PostUse Inspection:**

- After use, clean and inspect the upper receiver assembly.
- Ensure that the handguard and gas system remain secure and functional.

## **Disposal Instructions**

- Dispose of the upper receiver assembly in accordance with local regulations.
- Do not dispose of firearms or firearm components in regular household waste.
- Contact your local waste management authority for guidance on proper disposal methods.

## **Contact Information for Further Support**

For any safety inquiries or concerns regarding the BRN180S® GEN 2 Complete Upper Receiver Assembly, please refer to the manufacturer's website or customer support resources.

By following these guidelines, you can help ensure a safe and enjoyable experience with your BRN180S® GEN 2 Complete Upper Receiver Assembly. Thank you for your attention to safety!

# About Us

## Brownells UK

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