

# BRN-180S"! GEN2 13.9/14.5 223/5.56 COMPLETE UPPER RECEIVER ASSY - BRN-180 GEN 2 13.9" 223 WYLDE UPPER RECEIVER ASSY BLACK

[Rifle Parts](#) > [Receiver Parts](#) > [Receivers](#) > [Upper Receivers](#)

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. With an entirely self-contained recoil system, the BRN-180® can be mounted to lower receivers without a buffer tube. This allows for easy compatibility with folding stocks and rear picatinny adapters. Recoil guide rods and buffer easily remove from the rear when removing the upper receiver from the lower. Bolt and carrier easily slide out when removing the charging handle at the rear. Large ejection port allows for ease of access for cleaning. Lightweight barrel profile sits inside the slim handguard, making for an extremely lightweight package, even with the piston driven system. Top picatinny rail sits extremely low compared to other piston systems, allowing for broad compatibility with common AR-15 height optic mounts and sights. Barrels feature a 223 Wylde chamber to function with the broadest spectrum of 223 Remington and 5.56x45mm NATO ammunition. Barrels do not come with a muzzle device. This allows for ease of installation of your preferred muzzle device, which is handy to reach an OAL of 16 inches for pinned and welded devices of your preference. Free float MLOK handguard is free floated, and can easily be removed with one large screw located on the bottom of the receiver. This screw engages the rear of the barrel, pulling the handguard tight up against the receiver. Easily removed handguard allows for quick access to the BRN-180® gas system. Gas plug has two settings: U = Unsuppressed S = Suppressed Ultra-reliable AR-180 piston operating system Compatible with current mil-spec AR-15 lowers Machined 7075 T6 aluminum receiver & handguard - hardcoat anodized finish 13.9" or 14.5" Nitride Finished Barrels .223 Wylde chamber Button rifled bore 1-8" twist for both the 223 Wylde ½"-28 threaded muzzle for 223 Wylde Molded polymer ejection port cover All NFA rules apply Muzzle device is installed with a lock washer. To remove, secure lock washer with wrench while unscrewing the muzzle device. User removal of the trunnion, barrel and trunnion screws is not recommended. Removal of the trunnion screws will void our Lifetime Guarantee.



## Attributes

- Name: BRN-180 GEN 2 13.9" 223 WYLDE UPPER RECEIVER ASSY BLACK
- Manufacturer: BROWNELLS
- Product no.: 430106123
- Mfr. No.: BRN-180S GEN 2
- Cartridge: 223 Wylde
- Color: Black
- Contour: Lightweight
- Finish: Matte
- Length: 13.9"
- Make: Brownells
- Model: BRN-180
- Muzzle: 1/2-28
- Style: Complete
- Twist: 1-8
- Delivery weight: 1.984kg
- Shipping height: 108mm
- Shipping width: 114mm
- Shipping length: 699mm
- UPC: 050806000018

## Item details

Made in USA

US export classification: 0A501.e

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for BRN180S® Complete Upper Receiver](#)
- [About Us](#)

# Safety Instruction Guide for BRN180S® Complete Upper Receiver

## Introduction

Thank you for choosing the BRN180S® Complete Upper Receiver. This guide provides essential safety instructions and guidelines to ensure the safe and effective use of your product. Please read this document carefully before installation and usage.

## General Safety Guidelines

- Ensure that you are familiar with the operation of firearms and have appropriate training before using this product.
- Always treat every firearm as if it is loaded.
- Store firearms and ammunition securely, out of reach of children and unauthorized users.
- Use appropriate eye and ear protection when operating firearms.
- Never point a firearm at anything you do not intend to shoot.
- Ensure that the firearm is pointed in a safe direction at all times.
- Regularly inspect your firearm and its components for any signs of wear or damage.
- Do not use the firearm if it is damaged or malfunctioning; consult a qualified gunsmith for repairs.
- Follow all local laws and regulations regarding firearm ownership and usage.

## Specific Safety Precautions for Use

- **Compatibility:** Ensure that the BRN180S® Complete Upper Receiver is compatible with your lower receiver. Use only milspec AR15 lowers.
- **Muzzle Device Installation:** Use a lock washer when installing a muzzle device. Secure it with a wrench while unscrewing to prevent accidents.
- **Gas System:** Familiarize yourself with the gas system settings (U = Unsuppressed, S = Suppressed) before use.
- **Recoil System:** The selfcontained recoil system does not require a buffer tube; ensure it is properly installed before firing.
- **Cleaning:** Regularly clean the ejection port and gas system to maintain reliable operation. Ensure the firearm is unloaded before cleaning.
- **Handling:** Always handle the upper receiver with care. Avoid placing fingers inside the ejection port when the firearm is loaded.
- **Age Restrictions:** This product is intended for use by individuals 18 years and older. Ensure that younger users are supervised by a qualified adult.

## Instructions for Installation and Usage

### **1. Installation of the Upper Receiver:**

- Ensure the lower receiver is clear of ammunition.
- Align the BRN180S® Complete Upper Receiver with the lower receiver.
- Push down firmly until the upper and lower receivers lock together.

### **2. Muzzle Device Installation:**

- Select your preferred muzzle device.
- Install the muzzle device with a ½"28 threaded muzzle.
- Secure with a lock washer and tighten using a wrench.

### **3. Gas Plug Adjustment:**

- Adjust the gas plug to the desired setting based on your shooting conditions.
- Confirm the setting before firing.

### **4. Loading and Firing:**

- Load the firearm only when ready to shoot.
- Follow standard firearm safety practices while loading and firing.

### **5. Cleaning and Maintenance:**

- Unload the firearm completely.
- Remove the handguard using the large screw located at the bottom of the receiver.
- Clean the gas system and ejection port thoroughly.
- Reassemble the upper receiver and handguard securely.

## **Disposal Instructions**

- Dispose of the BRN180S® Complete Upper Receiver in accordance with local regulations regarding firearm components.
- Ensure that all parts are rendered inoperable before disposal.
- Do not dispose of firearm components in regular household waste.

## **Contact Information for Further Support**

For any inquiries regarding safety, usage, or support, please refer to the contact information provided by the retailer or manufacturer where you purchased the product.

By following these guidelines, you can ensure the safe use of your BRN180S® Complete Upper Receiver. Always prioritize safety and compliance with local laws when handling firearms.

# About Us

## Brownells Austria

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

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