

AR-15 M16A1 RETRO BARREL ASSEMBLIES - BROWNELLS BRN

AR-15/A1 CARBINE 5.56MM 11.5" 1-12 TWIST BARREL ASSEMBLY

[Rifle Parts](#) > [Barrel Parts](#) > [Rifle Barrels](#)

A Critical Component of Any Retro AR-15 Build

078000460 At 10.3" this is the shortest version of our A1 profile AR-15 barrel assembly. Matching the exterior contours of commonly used carbine barrels of the 1960s through the 2000s, it's ready to lend an extra touch of authenticity to your next build. Or install one for extra weight savings on a lightweight AR-15 SBR, PDW, or pistol - following all NFA rules, of course! Like all our Brownells Retro A1 barrels, the 10.3" model is machined from hardened 4150 steel, then MPI inspected to detect hidden flaws (so we can pull it from the supply chain BEFORE it leaves the factory) and given a hard black phosphate finish. It's chambered for the modern 5.56 NATO cartridge, with speedy 1-7" rifling in the nitride bore, so the 10.3" A1 Retro barrel plays nicely with current-production ammo. Ordnance-grade 4150 chrome-moly carbon steel Durable QPQ finish 5.56 NATO chambered with 1-7" twist rifling Uses CARBINE LENGTH gas tube .070" gas port All NFA rules apply Up front, the 10.3" Retro A1 barrel has 1/2"-28" tpi muzzle threads, ready to accept a "retro" flash suppressor or modern muzzle device / sound suppressor, and on the other end a standard carbine barrel extension's already installed. Also installed: a .625" gas block/front sight base (F marked) with bayonet lug, sight post, detent, spring, sling swivel, Delta ring, barrel nut, weld spring, snap ring, and round handguard cap. 078000461 & 078000377 The AR-15 is more than a half-century old, and the rifle and subsequent platforms have undergone a great deal of evolution. Now, aficionados of the system can build reproduction of early rifles with the Brownells A1 Carbine Barrel Assembly. The Brownells A1 Carbine Barrel Assembly is designed to be the ideal component of any XM177 rifle reproduction or any lightweight AR build, coming equipped with most of the materials necessary to complete a retro build. Barrel length: 11.5" (You are responsible for NFA compliance!) Twist rate: 1-7" or 1-12" Carbine-length gas system Threaded with 1/2"-28 TPI threads Chrome lined chamber and bore The Brownells A1 Carbine Barrel Assembly comes equipped with a front-sight base, .625", no F marks, complete with sight post, detent, spring, sling swivel, rivet, flat Delta ring, barrel nut, weld spring, snap ring, and round handguard cap installed 078000462 & 100020996 The Brownell's Retro A1 12.7" carbine length barrel assembly. Chambered in 5.56x45mm NATO, the chrome lined barrel is available with your choice of 1-7" or 1-12" rifling and finished in black phosphate with an overall length of 12.7". Muzzle threads are 1/2"-28, and in back there's a standard barrel extension. Each Retro A1 12.7" carbine barrel assembly includes a front-sight base, .625", no F marks, complete with sight post, detent, spring, sling swivel, rivet, flat Delta ring, barrel nut, weld spring, snap ring, and round handguard cap installed. Machined from 4150 chrome moly steel. The barrel you need for your next Retro Rifle build! NOTE: These barrels do not have bayonet lugs. 100020999 The Brownells Retro A1 rifle length barrel replicates exactly the exterior contours of the original "skinny" barrel of the M16A1 rifle, so it's ideal for building your own Retro Rifle™ OR any AR-15 where a lightweight barrel is desirable. Chambered in 5.56x45, this chrome-lined barrel has a 1-12" twist and is finished in matte black phosphate, with an overall length of 20". The muzzle threads are 1/2"-28 tpi, and in the back a standard rifle barrel extension is pre-installed. 5.56 NATO chamber (also accepts .223 Rem) Original 1-12" rifling compatible with heavier bullets Chrome-lined bore Requires a rifle-



length gas tube (available separately) Available as Stripped or complete Barrel Assembly This Brownells Retro A1 rifle barrel is machined from ultra-strong 4150 chrome-moly steel, and is magnetic particle inspected when finished to ensure there are no hidden flaws that could shorten its service life.

100021012 The Brownell's Retro A1 rifle length barrel assembly. Chambered in 5.56x45, the chrome lined barrel has a 1-7 twist and finished in black phosphate with an overall length of 20". Muzzle threads are 1/2-28 and features a standard rifle barrel extension. The assembly includes a front sight base, .625 No F Marks, sight post, detent, spring, sling swivel, rivet, flat delta ring, barrel nut, weld spring, snap ring, and triangular handguard cap. Everything you need for your Retro barrels!

Attributes

- Name: [BROWNELLS BRN AR-15/A1 CARBINE 5.56MM 11.5" 1-12 TWIST BARREL ASSEMBLY](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 078000377
- Mfr. No.: BABR5512377M
- Cartridge: 5.56 mm NATO
- Contour: Carbine
- Finish: Black
- Gas System Length: -
- Length: 11.5"
- Muzzle Threads: 1/2-28
- Twist: 1-12
- Weapon type: AR-15
- Delivery weight: 0.726kg
- Shipping height: 51mm
- Shipping width: 102mm
- Shipping length: 305mm
- UPC: 050806003712

Item details

Made in USA

US export classification: 0A501.c

Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for AR15 M16A1 Retro Barrel Assemblies](#)
- [About Us](#)

Safety Instruction Guide for AR15 M16A1 Retro Barrel Assemblies

Introduction

Thank you for choosing the AR15 M16A1 Retro Barrel Assemblies from Brownells. This guide provides essential safety instructions to ensure the safe use, installation, and disposal of your product. Please read this guide carefully before using the barrel assembly.

General Safety Guidelines

- Always ensure that the barrel assembly is installed by a qualified gunsmith or experienced individual.
- Follow all local, state, and federal laws regarding firearm assembly and use.
- Always treat firearms as if they are loaded.
- Ensure that the firearm is pointed in a safe direction at all times.
- Keep the barrel assembly out of the reach of children and unauthorized users.
- Regularly inspect the barrel assembly for any signs of wear or damage before use.
- Do not use the barrel assembly with ammunition that is not compatible with the specified caliber (5.56mm NATO).
- Always wear appropriate eye and ear protection when using firearms.

Specific Safety Precautions for Use

- Ensure that the gas port is clear and unobstructed before installation.
- Use only the recommended gas tube length for the barrel assembly (Carbinelength gas tube).
- Avoid using any aftermarket muzzle devices that are not explicitly designed for this barrel assembly.
- Be aware of the twist rate (112 or 17) when selecting ammunition for optimal performance.
- Inspect the muzzle threads (1/2"28) to ensure they are free from debris before attaching any muzzle devices.
- Make sure the front sight base and all components are securely installed before use.
- Do not exceed the maximum recommended pressure for the ammunition used with this barrel assembly.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and components required for installation.
- Ensure the workspace is clean and free from distractions.

2. Installation Steps:

- Ensure the firearm is unloaded and pointed in a safe direction.
- Remove the existing barrel assembly from the firearm, if applicable.
- Install the Brownells Retro Barrel Assembly by following these steps:
 - Align the barrel extension with the upper receiver.
 - Securely tighten the barrel nut using the appropriate torque specifications.
 - Install the front sight base and ensure it is properly aligned.
 - Attach the gas block, ensuring it is positioned correctly over the gas port.
 - Install the gas tube into the gas block and secure it in place.
 - Attach the muzzle device or flash suppressor if desired, ensuring it is properly threaded.

3. PostInstallation Checks:

- Verify that all components are securely installed and there are no loose parts.
- Conduct a visual inspection of the barrel assembly to check for any signs of damage.
- Ensure that the gas system is functioning properly by cycling the action of the firearm without ammunition.

4. Usage:

- Load the firearm with compatible ammunition (5.56mm NATO).
- Fire the firearm in a safe and controlled environment.
- Monitor for any unusual sounds or malfunctions during operation.

Disposal Instructions

- Dispose of the barrel assembly in accordance with local regulations regarding firearm components.
- Do not discard the barrel assembly in regular household waste.
- Contact a licensed firearms dealer for guidance on proper disposal methods.

Contact Information for Further Support

For any questions or concerns regarding the use or safety of your Brownells Retro Barrel Assembly, please refer to the manufacturer's website or contact their customer support for assistance.

Thank you for prioritizing safety while using your AR15 M16A1 Retro Barrel Assembly. Your adherence to these guidelines helps ensure a safe and enjoyable experience.

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