



Bushwhacker®

OWNERS MANUAL



**GRIFFIN
ARMAMENT**



INSTALLATION & MAINTENANCE GUIDE



**FAILURE TO READ AND UNDERSTAND THIS MANUAL
PRIOR TO USE MAY RESULT IN INJURY OR DAMAGE**

WELCOME

Griffin Armament® has been satisfying customers for nearly two decades with innovative and cutting edge sound suppressor technology.



The Bushwhacker silencer series was designed to exceed end user desires for the best large bore universal suppressors on the market. The current Gen 2 version further pushes this high bar to even higher heights of performance. Costly R&D resources were spent to develop the patent pending ECO-FLOW™ baffle technology for the Bushwhacker silencers. Engineered to be more compact, more durable, with higher performance, and more mounting options than any other suppressor, makes the Bushwhacker a class leader in the universal suppressor category.

DISCLAIMER

Neither the manufacturer nor reseller from whom you received the product(s) are responsible for any improper use or resulting damage. Firearms and their accessories can be dangerous if not handled correctly, and it is the user's own responsibility to understand this manual and product for safe operation. If there are any unanswered questions, Griffin's experienced customer service team will gladly assist at (262)-200-0003.



Still have questions? Check out our [video channel](https://www.youtube.com/watch?v=784884411) for an in-depth briefing on the Bushwhacker products and their accessories.

For a Technical Video on Mounting This Product Series

<https://vimeo.com/784884411>

PRODUCT SYNOPSIS

ECO-FLOW baffles in these silencers provide reduced back pressure, greater structural strength, higher heat resistance, enhanced durability, longer service life, and 5-7db sound pressure level drops vs similar size competing units. The Bushwhacker retains the patented Ratchet-LOK™ end cap system, which allows users to fully take apart, clean, and maintain their suppressor. This engineering allowed Griffin to reduce the overall length of the product to a compact 7.75" while simultaneously increasing performance.

* MUZZLE SPL & SPECIFICATIONS

BUSHWHACKER 36

136.8dB 308 WIN
131.4 300 BLK SUB
132dB 9mm
132.7db 5.56mm



7.20" x 1.5"

15.0oz with PLAN-A™

16.9oz with universal pistons

BUSHWHACKER 46

138.9db 450Bush
135 dB 45acp
131 dB 9mm
132.5 dB 300BLK Sub



7.75" x 1.5"

15.8oz with PLAN-A™

17.6oz with universal pistons

*Sound Measurements are A weighted, taken 1M left of the firearm muzzle

ADDITIONAL MOUNT OPTIONS - CHECK WEBSITE FOR ALL LISTED OPTIONS

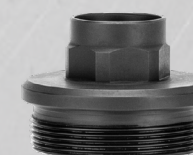
PLAN-A™
LONG
1.375x24



A2 Blast Shield
1.375x24



EZ-LOK™
Interface
1.375x24



DUAL-LOK™
Interface
1.375x24



TILT BARRELED MOUNTING & OPTIONS (PISTOL CALIBERS)

The Bushwhacker Silencers can be configured with CAM-LOK, EZ-LOK, and direct thread pistons, all available separately.

Using the appropriately threaded piston, mount the silencer tightly to the barrel. It is important to note that direct thread pistons can and often do come loose from the barrel threads. This is why we recommend the use of CAM-LOK or EZ-LOK accessories as these are far more secure. It is important to periodically check to ensure that the silencer is tightly attached to the host firearm. Tilting barrel pistols such as Glocks or 1911's require the booster piston assembly in order to function properly. Firing a booster piston configured pistol silencer on a fixed barrel firearm (such as a lever gun, or pistol caliber carbine, etc) will cause damage to the silencer and parts.

Additional mounts, front caps, and other accessories and how to install them can be found on our website: <https://www.griffinarmament.com/silencers/universal-silencers/>

Direct Thread
Pistons




EZ-LOK Pistons &
Barrel Adapters




CAM-LOK Pistons
& Barrel Adapters




*TILT BARREL EXAMPLES



EZ-LOK™ is comprised of two parts: the male barrel adapter and the female piston. This interface gives the ability to convert the suppressor to a much faster and more secure mounting solution (than direct thread pistons) on tilt barrel pistols. Suppressors supported by this piston family will benefit from the interchangeability of these barrel adapters.




CAM-LOK® universal piston system is also comprised of two parts: the piston and the barrel adapter. This system provides a rapid, secure attachment to the host pistol. The piston is universal; accommodating any pistol mounted with a CAM-LOK barrel adapter. Suppressors supported by this piston family will benefit from the interchangeability of these barrel adapters.




Direct Thread pistons, as the name implies, allow you to thread the silencer directly onto tilt barrel firearms of that thread pitch. Each time you would like to change thread pitches, you must disassemble the silencer to change the piston out. Users must continually check tightness when using a direct thread. Not recommended, but still supported.

*CAM-LOK and EZ-LOK are not compatible with each other.


FIXED BARREL MOUNTING & OPTIONS




Taper Mount interfaces and muzzle devices offer a rock solid mounting system with minimal and repeatable POI shift. The Plan A adapter included with the suppressor will support the use of taper mount muzzle devices up to and including the Taper Mount Hammer Comp. The Plan A Long shown here is separately available for use of longer taper mount muzzle devices.




DUAL-LOK™ mount interfaces for 1.375x24 is a precision taper interface (one locking feature) between the mount and the device ensures accuracy. An ACME thread, provides speed and ease of attachment and a redundant locking collar acts as the second locking feature. The muzzle device integrates 60 machined mounting position grooves which is doubled by the mount's two locking positions, hence the name DUAL-LOK™.




A2 Adapter for 1.375x24 suppressors is a mount interface that provides a high quality mounting interface for Griffin Armament GATE-LOK Flash comps, Hammer Comps, and mil-spec A2 birdcage flash hiders. Weighing 5 ounces, the A2 adapter mount can be used on 5.56mm AR's or with the 30SD flash comp it will support centerfire calibers up to .308 Winchester.



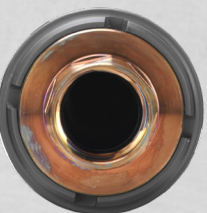
EZ-LOK™ is comprised of two parts: the male barrel adapter and the female piston. This interface gives the ability to convert the suppressor to a much faster and more secure mounting solution (than direct thread pistons) on fixed barrel pistols. This Direct Thread to EZ-LOK™ Universal Adapter allows you to convert 1.375x24 threaded suppressors to receive EZ-LOK™ barrel adapters for fixed barrel uses.



3 Lug interface assembly is an integral grouping which adds minimal length to the suppressor. This kit allows for QD mounting of many Griffin suppressors. Our 3 lug adapter requires minimal deflection of the spring bushing for installation, in some cases negating the need to modify hand stops and grips that come close to the 3 lug adapter.



Direct Threaded Mounts provide a direct thread interface for the Griffin Bushwhacker® & other 1.375x24 threaded suppressors. Wrench flats make it equally simple to attach or remove from the suppressor tube body or your firearm's muzzle threads. No proprietary tools required.



CAM-LOK® mounts for fixed barrel options are 1.125x28 and thread into the booster housing, not directly into the tube body. This is only intended for pistol calibers.

For an in-depth tutorial on each of these systems, click the video link below: <https://vimeo.com/784884411>

RECOMMENDED TOOL KIT

The included multi-function wrench tool assists in installing 3 lug products, removing booster housings, piston retainer removal, and opening your favorite bottled beverages. The full booster assembly does not include a piston, enabling the customer to purchase their desired systems such as CAM-LOK, EZ-LOK, or Direct Thread.

<https://www.griffinarmament.com/silencers-accessories/accessories/silencer-maintenance/>

Recommended additional silencer accessories that apply to Griffin Armament products can be found on our website at:

<https://www.griffinarmament.com/silencer-accessories/additional-silencer-accessories/>

These products are intended to provide users with a satisfactory shooting experience. The brushes are all that is needed to clean the internal bore of the mounting system. The Lok-Cease should be used on threads or tapers of the suppressor products. A light coat will ensure ease of suppressor removal after heavy use. Alignment rods are critical to use when mounting a suppressor to a host firearm for the first time. This precision ground tool will show the user if the suppressor and host are properly working together. Refer to page 8 for details.

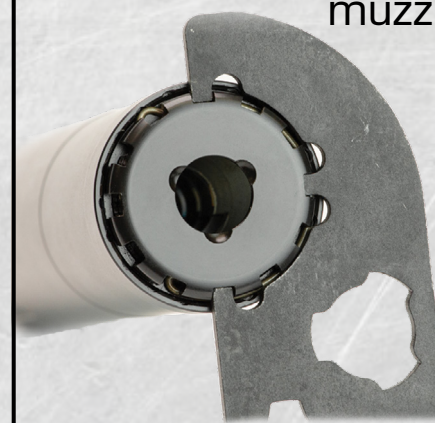


ALWAYS REMOVE THE MAGAZINE AND CLEAR THE CHAMBER BEFORE PERFORMING ANY FIREARMS OPERATION

PREPARATION & INSTALLING TAPER MOUNT

Upon assembly, be sure to tighten the booster assembly using the supplied 3 prong wrench. Tighten the end cap using the provided wrench (Figure 1). To install Taper Mount devices onto your host firearm, start by cleaning and de-greasing threads. Use shims (if provided) to bring the muzzle device into proper time. Device is installed correctly when 40-50 ft/lbs of torque is applied and logo is centered at the bottom or magazine well side of the firearm.

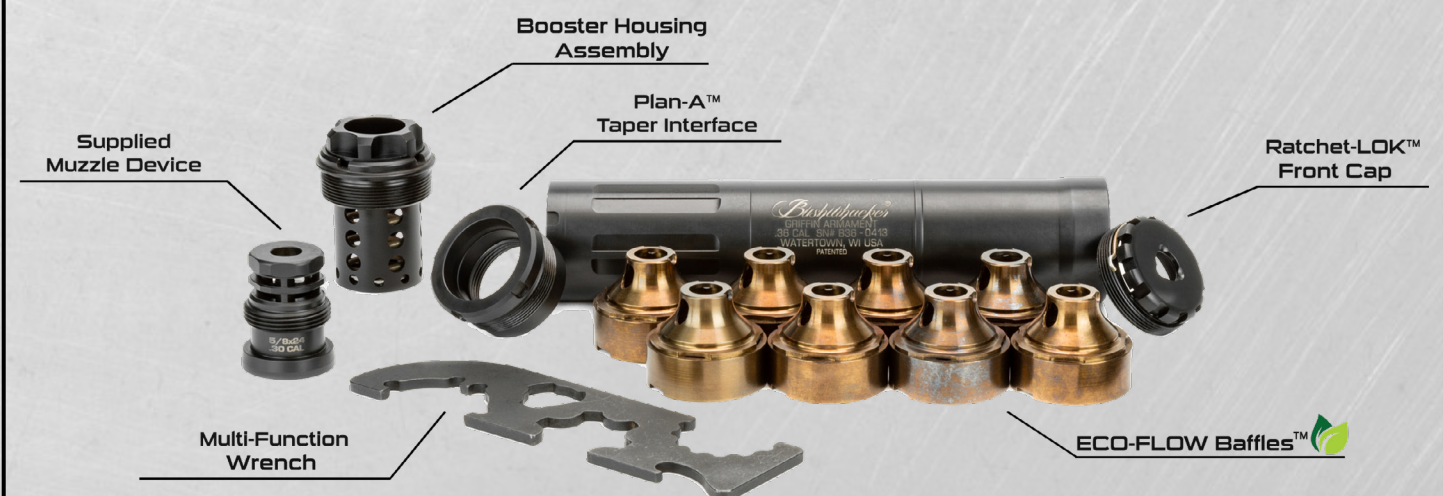
Add or remove shims as necessary to achieve proper alignment. If muzzle device becomes stuck in taper adapter, use slotted geometry on spanner tool to remove.



(Figure 1)



INCLUDED TOOL KIT





**IMPROPER ALIGNMENT CAN CAUSE PERMANENT
DAMAGE TO YOUR SUPPRESSOR**

CONFIRM ALIGNMENT BEFORE INITIAL USE

With the Bushwhacker silencer firmly tightened onto the mount, use a Griffin alignment check rod. Confirm visual alignment by ensuring the bore of the silencer is in the center of the bore of the firearms barrel. Failure to align properly may result in catastrophic failure. Gunsmiths can provide this service, or you can use a Suppressor Alignment Check Rod, which can be found on our website for an easier confirmation at:

www.griffinarmament.com/suppressor-alignment-check-rod/



PERFECT



ACCEPTABLE



MISALIGNED

Check rods are the most accurate and safe tool for assuring your silencer has a safely shootable bore condition. Installation and use of this tool is simple and should prevent baffle strikes or any unexpected issues once you get to the range.

Griffin Armament has gone to great lengths to manufacture a precision ground lab grade check rod which can quickly and easily prove alignment. These rods can be bent very easily however and must be handled with extreme care in order to remain useful. Store on a flat supportive surface in a dry climate.

HOW TO USE SUPPRESSOR ALIGNMENT CHECK RODS:

- Properly mount your silencer to the host firearm.
- Insert check rod down bore of the silencer and into the host firearm bore until the end of the rod is flush with the end cap.
- Observe alignment and confirm rod is positioned near the center of the silencer bore (refer to images above).
- Host firearm may need to be rotated around bore to confirm alignment due to tolerance between the bore and check rod.
- If the mount and silencer are in alignment the rod will not touch the suppressor.

Remove the rod before shooting!

- If the rod is touching contact your gunsmith for trouble shooting. Typically the threads are in need of repair.

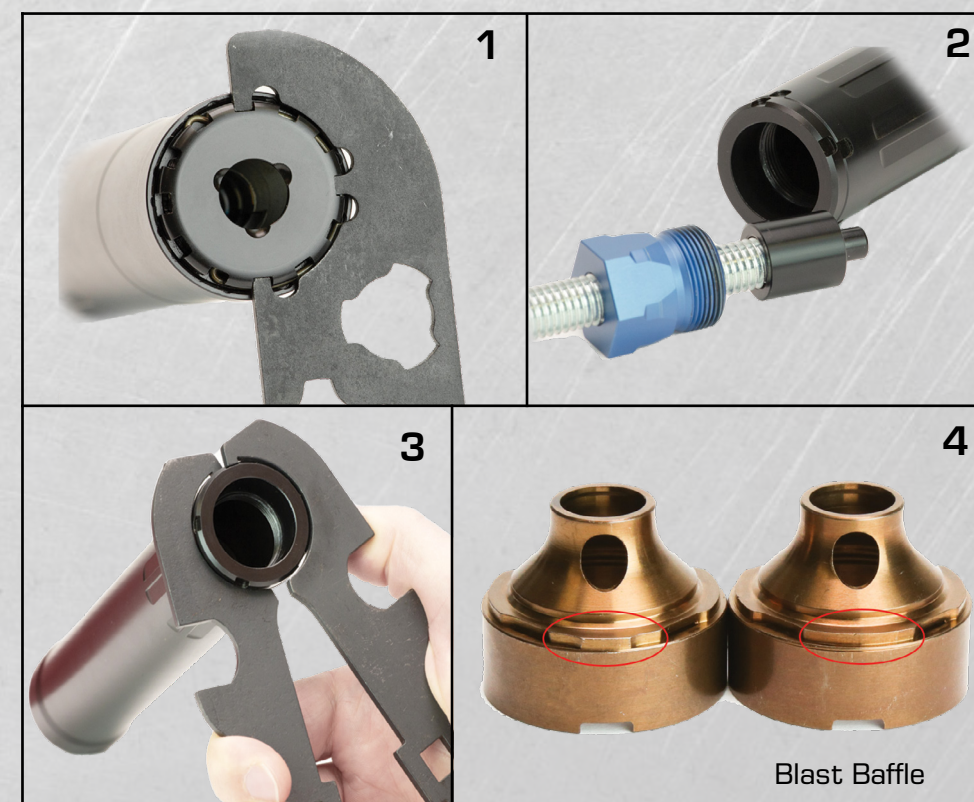
DISASSEMBLY & RE-ASSEMBLY OF THE SUPPRESSOR

1) DISASSEMBLY - Interface the included 3 prong multi-function wrench with the front cap, ensuring to cover the spring (Figure 1). While applying downward force to keep the wrench in contact with the tube body, rotate the wrench counter clockwise. Failing to apply downward pressure with the wrench may cause the spring to eject from the tube and bind in place. Once end cap is removed, push baffles out from the rear to the front of the suppressor. This can be done with a wooden dowel and rubber mallet.

2) Optionally, you can purchase a [pusher tool](#) for this. This is only needed if periodic maintenance has been ignored and the silencer baffles are locked up from neglectful use. Thread the baffle pusher tool into the rear of the suppressor like you would attach the silencer to a mount (Figure 2). With the black pusher cap installed on the rod, drive the rod by hand through the pusher tool until the tip stops on the first baffle. Use a 3/4" wrench or socket driver to drive the baffle stack out of the suppressor.

3) To remove the taper mount adapter in the rear, use both spanner wrenches simultaneously on the body and the PLAN-A™ Taper Mount adapter (Figure 3).

4) ASSEMBLY - After cleaning tube and baffles, the blast baffle should be inserted first and is the only baffle that does not have keys on the cone side of the cylinder face (Figure 4). Insert baffles into tube ensuring they are locked together. Screw desired end cap into tube, depressing spring prong while rotating end cap a few clicks. Tighten firmly until cap stops rotating.



Blast Baffle



**FAILURE TO PROPERLY RE-ASSEMBLE YOUR BAFFLES
MAY CAUSE DAMAGE TO YOUR SILENCER OR FIREARM**

FIRST ROUND FLASH ELIMINATION - DUTY APPLICATIONS ONLY

There are two methods Griffin recommends for wetting your suppressor to eliminate 1st round muzzle flash. The first method would be to detach the suppressor and rotate at a 45 degree angle while pouring 5cc's of water slowly into the mount interface. Ensure the bores are drained of all excess water. Then mount the suppressor. **DRAINING EXCESS WATER** is critical to ensure that water does not seep back into the bore causing potential barrel damage. The second method is to submerge your suppressor entirely detached from host firearm. Shake the suppressor vertically multiple times to allow excess water to drain, end cap up. From here, simply install the suppressor and fire as normal. Accuracy and point-of-impact shift should be completely unaffected.

CLEANING THE SUPPRESSOR

Clean the mount interface of the silencer and the muzzle device after every use. Failure to clean the mount can result in your suppressor becoming stuck on the muzzle device. An Oatey 1" pipe [cleaning brush](#) can be used to clean the inside of Taper Mount interfaces of the suppressor. The inside bore of the silencer tube body can be cleaned using a 1.5" & 1.25" pipe cleaning brush. Various brushes for cleaning are available on our [website](#). To clean baffles, a tumbler, ultrasonic cleaner, or a brush and oil can be used. Use of an anti-crease type product on the thread interfaces will allow for easier disassembly and maintenance.



CALIBER RATINGS BASED ON CONFIGURATION

The Bushwhacker features an extremely strong 17-4 Stainless steel tube body and baffles. As such, the Bushwhacker line of suppressors will be rated for many higher pressure calibers with the minimum barrel length restrictions shown below. These barrel length restrictions are intended for use with stronger mounting systems like Taper Mount, Dual-Lok, and the Hub Direct Thread Adapters. Systems like Cam-Lok, Silencer Pistons, and 3 Lug Interfaces should not be used with rifle calibers.

Bushwhacker 36

24" .300RUM
24" .338LM
20" .300WM
12.5" .308Win
12.5" .338 Federal
12.5" .350 Legend
9.5" 5.56mm
8" 6.8 SPC
7.75" 7.62x39
7" .300BLK

Bushwhacker 46

24" 400 H&H mag
24" 375 cheytac
24" 408 cheytac
24" 416 Rigby
24" 460 Weatherby
24" .300RUM
24" .338LM
24" .30-378 Weatherby Mag
22" 375 H&H
22" 458 Lott
22" 404 Jeffery
20" 460 S&W Mag
20" .300WM
16" .45-70 (12" subsonic)
16" .450 Bushmaster (12" subsonic)
16" .458 SOCOM (12" subsonic)
16" 45 Raptor
16" 375 Raptor
12.5" .308Win
12.5" .338 Federal
10" .350 Legend
9.5" 5.56mm
8" 6.8 SPC
8" 7.62x39
6" .300BLK



WARRANTY STATEMENT

PRODUCT LIFETIME LIMITED WARRANTY

Subject to the limitations outlined below, Griffin Armament will repair or replace free of charge any product we manufacture for the duration of this lifetime warranty. This warranty is unlimited in duration and covers at Griffin Armament’s sole discretion, service, repair, and/or replacement of damaged products caused by normal use. Any repair not covered by the warranty will be billed at a maximum of 30% of current MSRP for a comparable product, subject to BATFE transfer fees as required.

LIMITATIONS

Griffin Armament’s warranty does not cover loss, normal wear, damage to our product or the host weapon system resulting in whole or in part from abusive or negligent use, unauthorized modification, improperly threaded barrels, improperly mounted suppressors, improperly loaded or re-loaded ammunition, or neglect. Finish wear is cosmetic and is not covered by this warranty. Any repairs to the unit made necessary by the above mentioned factors may be invoiced to the owner at a maximum of 30% of current MSRP for the most comparable product. The individual barrel lengths and calibers warranted are listed in the manual you receive with your product, or on the product page (applicable only to the most current model of the respective product). In all cases refer to the product manual for product limitations prior to using a Griffin Armament product. Warranty is subject to change without notice.


To learn more about Griffin Armament® and the kit we provide, please visit us on the web at www.GriffinArmament.com or keep track of our social media pages:


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