



# GP5 & 7

OWNERS MANUAL



**GRIFFIN  
ARMAMENT**



# GP5 & 7

## 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 GP (General Purpose) silencers were designed to provide the customer with lightweight, durable, and affordable suppressors for general use. Constructed entirely of 17-4 stainless steel and utilizing our patented baffle technology, GP suppressors are both durable and high performance. Our patented baffle technology reduces back pressure while simultaneously increasing sound pressure reduction, a function of two utility patents and nearly 20 years of sound testing research. This combines typically independent performance objectives with one solution.

### 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=784810427) for an in-depth briefing on the Recce products and their accessories.

For a Technical Video on This Product Series

<https://vimeo.com/784810427>

### PRODUCT SYNOPSIS

GP suppressors feature cone flash hider front caps, styled after 1969 patent #3,776,093 to reduce flash for low light applications. GP suppressors come pre-drilled with a .125 inch hole for pinning to create "one stamp guns" or "one stamp uppers." The GP7™ and GP5™ can be pinned as short as 10.5 inches. The GP5™ is rated for high pressure applications up to 220 swift. The GP7™ is rated up to 300 RUM. The GP series of suppressors provide quality engineering, construction, versatility, and affordability in one.

### \* MUZZLE SPL & SPECIFICATIONS

#### GP5™ Direct Thread

6.25" x 1.5" 12.5oz  
-31dB 5.56mm



#### GP7™ Direct Thread

7.23" x 1.5" 15.3oz  
-31dB 7.62mm



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

### MOD 5 KEY FEATURES

- Laser welded
- Lightweight design
- 1/2x28 TPI Threads
- 3/4" Wrench flat mounting geometry for easy installation
- Pre-drilled for pinning and welding for a 1 stamp gun
- Shim set included for pin and weld applications
- Full-auto rated
- High strength and corrosion resistant 17-4 stainless steel
- Silencer pouch included
- Cerakote finish



## RECOMMENDED TOOL KIT

The GP Mod 5 series of suppressors are direct-thread fully CNC machined and laser welded for maximum thermal transfer and durability. This means there's very few additional accessories needed. However, some recommended tools for improving your shooting experience would consist of Alignment Check Rods, Cleaning Brushes, and Anti Seize.

<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 6 for details.



1/2" Pipe  
Brush

Lok-Cease  
20/20



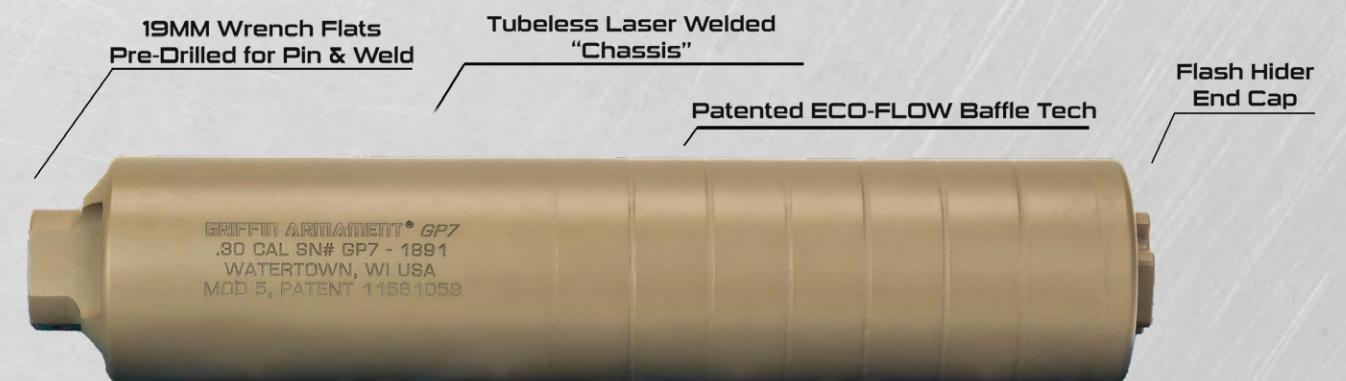
**ALWAYS REMOVE THE MAGAZINE AND CLEAR THE CHAMBER  
BEFORE PERFORMING ANY FIREARMS OPERATION**

## PINNING THE SILENCER & FEATURES

For users desiring to pin and weld the silencer, we recommend enlisting the service of qualified gunsmith. Autogenous TIG welding is preferred. In our experience, approximately 45 amps are sufficient for clean and structurally sound weldment. GP suppressors have thick rear geometry allowing them to be welded, cut removed and re-welded allowing them to outlast many barrels. GP suppressors can also be rebuilt by Griffin Armament for extremely heavy users if they have surpassed their useful service life.



## INSIDE THE BOX







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

## CONFIRM ALIGNMENT BEFORE INITIAL USE

With the GP 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/](http://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.



**FAILURE TO PROPERLY MOUNT YOUR SILENCER MAY  
CAUSE DAMAGE TO YOUR SILENCER OR FIREARM**

## INSTALLATION & USE

**1)** Ensure muzzle threads are clean and de-greased prior to mounting. Use a 19mm wrench and torque wrench to install. Torque suppressor to ~35 ft/lbs for the GP5™ and ~45 ft/lbs for the GP7™. Included shims can be used to clock the suppressor to a desired orientation. No thread locker is needed if proper torque is used.

**2)** Griffin Direct Thread suppressors are extremely easy to use. Simply put the silencer over the mount, gently feel for the thread, making sure not to cross-thread, and screw the can onto the mount. Ensure the silencer is snug hand tight to the mount. This mounting system been proven for years to include rigorous full auto testing to be a solid mount that will not back off under firing (assuming properly torqued).

**3)** Once done firing, allow suppressor to cool as durable suppressors can reach temperatures in excess of 1000° F under normal use. After the suppressor has cooled to ambient temperature, firmly grasp silencer body and unscrew from mount. It is important to clean the threads and silencer interface after every use. Applying a light coat of high temperature anti seize to the mount will make your suppressor much easier to remove from the firearm and clean after extended shooting sessions.

### MAXIMUM RECOMMENDED RATE OF FIRE

MAXIMUM RECOMMENDED RATE OF FIRE for a long service life is no more than 2 - 30 round magazines full auto followed by 14 rounds per minute sustained. Longer barrels promote longer service life however the GP5™ and GP7™ are full auto rated and do not have a barrel length requirement for use. Verify stable bullet flight before installing suppressor to host firearm.





**ALLOW SUPPRESSOR TO COOL TO AMBIENT TEMPERATURE BEFORE DISMOUNTING**

### 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 1/2" pipe cleaning brush can be used to clean the inside of the direct thread interface. This brushes for cleaning is available on our [website](#). No other cleaning is needed. If after thousands of rounds you wish to clean copper and carbon out of the suppressor, you can put it in an ultrasonic cleaner for several hours to break up the internal deposits. Keep in mind this will remove the finish, but not void the warranty, unless heavily corrosive chemicals are used.



## 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](http://www.GriffinArmament.com) or keep track of our social media pages:

Instagram



Facebook



YouTube



Rumble







CS@GRIFFINARMAMENT.COM

(262)200-0003

Watertown, WI 53094

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