



# PALADIN<sup>®</sup>

OWNERS MANUAL



**GRIFFIN  
ARMAMENT**



# PALADIN

## 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.



Paladin HD silencers are lightweight, durable, and high performing end user maintainable suppressors. The Paladin series features a 17-4 stainless steel tube body with ECO-FLOW™ baffles for significantly less weight than most suppressors on the market, with all the performance enhancing technology. The Ratchet-Lok™ front cap and keyed-together baffles allow the Paladin HD to be disassembled by the end user for cleaning and ease of service.

### 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/channel/UCv84866706) for an in-depth briefing on the Paladin products and their accessories.

For a Technical Video on This Product Series

<https://vimeo.com/784866706>

### PRODUCT SYNOPSIS

Paladin silencers take the Recce® market leading attributes and add user serviceability via the Ratchet-LOK™ end cap system. The Paladin HD features a CNC machined, billet tube body for maximum thermal transfer and unparalleled strength and durability. 17-4 provides double the strength of traditional 316L SS tube bodies, providing redundant strength for additional safety. ECO-FLOW™ baffles provide industry leading sound performance and low back pressure and reduced toxicity. The Taper Mount-*RI* mounting interface is billet machined into the tube body ensuring an accurate and extremely robust mounting system. So, whether hunting your favorite game or rucking on a long range patrol, the Paladin HD series is right for the job.

### \* MUZZLE SPL & SPECIFICATIONS

#### Paladin HD 5

6.3" x 1.5" 13oz

131.5dB 5.56mm

115dB 22LR



#### Paladin HD 300

7.6" x 1.5" 14.5oz

33dB 5.56mm

34dB 300BLK

39dB Sub

32dB 7.62mm



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

### ADDITIONAL MOUNT OPTIONS LISTED ON OUR WEBSITE

Direct Thread  
Adapters



Minimalist Stealth  
Flash Suppressor *Ti*



Stealth Flash  
Suppressor 2.25"



Tactical  
Compensator





## RECOMMENDED TOOL KIT

The Paladin series of suppressors are 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, Anti Seize, or Griffin's Silencer Armorer's Tool Kit.

<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.



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

## PREPARATION & MUZZLE INSTALLATION

A notable improvement in the Paladin HD family is the integration of the backward compatible Taper Mount-RI™ interface (Rapid Index). The Griffin Taper Mount interface is a gold standard in the industry, providing secure attachment, and unbeatable accuracy to consumers for over a decade. This interface has been consistently improved, being 3X faster to mount than the original by engineering a precision indexing feature in the interface and using fewer machined thread rotations in a more optimal position within the body. Before installing your suppressor, the supplied Griffin Taper Mount EZ Brake should be properly mounted on your host firearm. Start by cleaning and de-greasing

the threads. This device does not require timing, therefore shims or crush washers are not needed. Torque the device to 45 ft/lbs for 5/8x24 or 35 ft/lbs for 1/2x28. Thread sealant is not necessary, as long as full torque value is achieved.



## INCLUDED IN BOX







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

## CONFIRM ALIGNMENT BEFORE INITIAL USE

With the Paladin 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.



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

## ASSEMBLY & DISASSEMBLY OF SUPPRESSOR

**1) DISASSEMBLY** - Interface the included 3 prong CAR Stock Wrench with the front cap, ensuring to cover the spring. 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 using either a wooden dowel if limited use has occurred between cleaning or by using the optional baffle pusher tool.

**2)** Thread the [baffle pusher tool](#) (sold separately) into the rear of the suppressor like you would attach the silencer to a mount. With the 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. See "CLEANING THE SUPPRESSOR" below.

**3) ASSEMBLY** - After cleaning tube and baffles stack 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. After inserting baffles into tube ensure they are locked together by rotating them in the tube.

**4)** When fully seated, approximately 4 threads will be visible. Screw desired end cap into tube until spring prong is touching tube. Use car keys, finger nail or similar tool to depress spring prong while rotating end cap a few clicks. Interface CAR stock wrench and tighten firmly the rest of the way until cap stops rotating.







**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-seize type product on the thread interfaces will allow for easier disassembly and maintenance.



## 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







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