



# DUAL-LOK 762MMG

OWNERS MANUAL



**GRIFFIN  
ARMAMENT**



# DUAL-LOK 762MMG

## 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 cutting edge sound suppressors.



Suppressors offering active retention systems are fairly important for belt fed machine gun applications. Griffin has spent considerable research and development efforts to engineer and manufacture a next generation system in this category. A quality mounting system should be accurate, robust, reliable, require minimal training, and be free of wear prone metal on metal teeth or ratchets, thereby guaranteeing a longer, trouble-free service life with minimal maintenance needed. Griffin's patent pending DUAL-LOK™ mounting system, the subject of one of 6 pending patents related to the series, was designed around these objectives.

### 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](#) for an in-depth briefing on the DUAL-LOK™ products and their accessories.

Click to view **DUAL-LOK™ 762MMG™** durability testing:

[FN® M240B 600 Round Cyclic Test](#)



## PRODUCT SYNOPSIS / ROF SPECIFICATIONS

The DUAL-LOK™ 762MMG™ suppressor provides sound reduction, a flash suppressor mount that retains compatibility with the M240B and M240L Blank Firing Adapters. The suppressed M240 can conduct the normal 2 minutes at Rapid rate of fire (200 rounds / minute) prior to barrel change. The suppressed M240B can also conduct the 10 minutes at sustained rate of fire (100 rounds / minute) prior to barrel change. The suppressed M240 can also fire 600 rounds at cyclic rate of fire, prior to barrel change. The 762MMG was designed to be durable and field portable for use in conjunction with the FN® M240 series belt fed machine guns. The sound suppressor reduces sound, flash, and ground disturbance, enhancing the survivability of the machine gun team. The suppressor was designed to meet the 25,000 round service lifespan of the barrel, when fired 200 rounds prior to cooling to room temperature, in 250 cycles.

### \* MUZZLE SPL & SPECIFICATIONS

#### 762MMG™

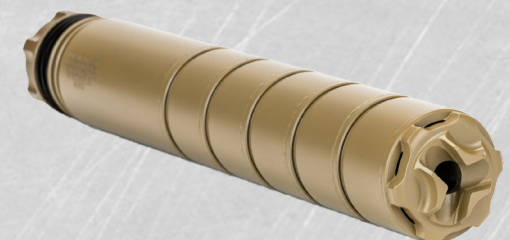
M240B 7.62×51mm NATO

**Muzzle 143.3dB**

**Ear Avg 136.3dB**

**10.4" x 1.55" x 35oz**

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



**PRESSURE REDUCTION CAP  
HIGH TEMP CERAKOTE FINISH  
COLLAR PVD FINISHED**

The DUAL-LOK™ 762MMG™ suppressor was designed by combat infantrymen to meet the needs of the US military with a device that offered high performance sound reduction, minimal gas blowback, low flash, and high strength and service life characteristics. High operational flexibility is provided through the use of a locking mount system which allows the M240 to remain compatible with airborne operations, blank fire adapter training, portability, and rapid configurability to the needs of the mission.

**CLOSED TIME  
FLASH HIDER  
INCLUDED**





## RECOMMENDED USER TOOL KIT

The recommended tool kit for Griffin's DUAL-LOK 762MMG consists of 1" Maintenance Pipe Brush, Lok-Cease 20/20, and the DUAL-LOK wrench. All of these products along with other great accessories can also be found on our website:

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

Additional silencer accessories that apply to our other products can also be found on our website at:

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

The brushes are all that is needed to clean the internal bore of the mounting system and corresponding taper and threads. The Lok-Cease should be used on the internal taper of the suppressor. A light coat will ensure ease of suppressor removal after heavy use. The DUAL-LOK™ wrench is a 4140 steel wrench hardened to 48RC, 3/8" drive compatible, and black oxide/oil dipped finish. The wrench interfaces the front cap geometry for removal in the event the suppressor becomes stuck due to poor operator maintenance.



**REMOVE ALL ROUNDS FROM THE FIREARM AND CLEAR THE CHAMBER BEFORE PERFORMING ANY MAINTENANCE OPERATION**

## ARMORERS:

Griffin's DUAL-LOK silencers require few critical accessories, most of which are supplied or available through our website. These tools will assist in the proper use of the DUAL-LOK products and ensure they function as intended. Substantial efforts are taken in the manufacturing and inspection of the Griffin product line to ensure customers are fitted with the highest of quality parts. A preset or needle style torque wrench is required to set accurate torque.



A 3/4" open ended crowfoot wrench is ideal. Griffin armorer tools also have been designed around these procedures and are available at [www.GriffinArmament.com](http://www.GriffinArmament.com)

The supplied muzzle device is a stainless tool steel material and very hard, but care should be taken when applying torque to not mar the finish or wrench flat edges.

## TOOLS REQUIRED FOR MOUNTING MUZZLE DEVICE





MOUNTING THE MUZZLE DEVICE

First, clear the firearm in accordance with it's manufacturers user manual. Next, prepare a dry fit installation of your muzzle device. Clean muzzle threads and face with a brass brush. Dry fit muzzle device and torque to 80ft/lbs.

This suppressor was designed for DUAL-LOK specific muzzle devices. The muzzle device integrates 60 machined anti-rotation grooves which is doubled by the collar's two locking positions. How is this achieved? The collar's two locking positions are machined out of phase of one another by 3 degrees which provides the system with 120 different locations to lock and ensures that when the suppressor is firmly screwed onto the taper a locking spline will be at an ideal location to ensure a rigid and locked suppressor.

When the suppressor is firmly attached, only one of the two lock positions will work, allowing the spring to push the locking collar rearward over the splines. Every time the operator attaches the suppressor, they will articulate the collar to this same locking position. Substantial efforts are taken in the manufacturing and inspection of the DUAL-LOK products to ensure Griffin customers are outfitted with some of the best suppressor systems in the world.





IMPROPER ALIGNMENT CAN CAUSE PERMANENT  
DAMAGE TO YOUR SUPPRESSOR

ARMORER: CONFIRM ALIGNMENT BEFORE INITIAL USE

Immediately after mounting the muzzle device, firmly attach the silencer in the **UNLOCKED** position to installed muzzle device. Look down the silencer bore through the barrel, illuminating the bore with light. Confirm visual alignment by ensuring the bore of the silencer is in the center of the firearms barrel. 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.

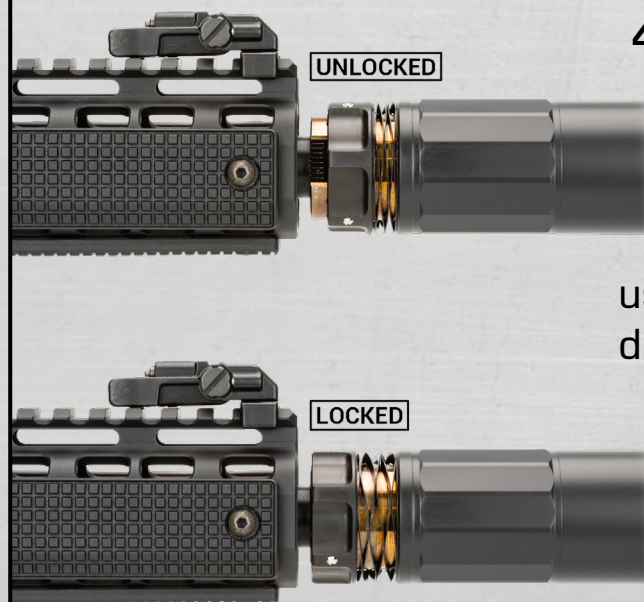




**FAILURE TO UNLOCK THE MOUNT BEFORE INSTALL  
WILL CAUSE DAMAGE TO THE SYSTEM**

## MOUNTING THE SUPPRESSOR

- 1) Ensure DUAL-LOK™ is in the **UNLOCKED** configuration (see hand model below). Thread DUAL-LOK™ silencer onto DUAL-LOK™ muzzle device. Tighten silencer firmly by hand with moderate effort.
- 2) Rotate collar clockwise or counter-clockwise until collar springs rearward over tines and rear face of the collar is flush with the rear face of the tines (Fig. **LOCKED**). Pin will be in left or right side of the **U** shaped DUAL-LOK™ slot. When the device is tight, only one of the locking positions/sides will work.
- 3) **Once done firing, ALLOW SUPPRESSOR TO COOL to ambient temperature.** Material temperatures can reach in excess of 1500°F under normal use. After the suppressor has cooled, push down the collar which will compress the wave spring and turn either left or right to find the neutral position (Fig. **UNLOCKED**). Tines will be exposed in this position.



- 4) Unscrew suppressor completely. It is advised to store the suppressor in the locked configuration as this will protect the tines from the possible abuse of daily handling. This mount is not end user serviceable. It should not be disassembled or modified in any way, or this will void the warranty. This should only be done by Griffin's technical service department in the highly unlikely event it is necessary.

## 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 and re-apply Lok-Cease to the mount interface of the silencer after every use to prevent your suppressor from becoming stuck on the muzzle device. Remove excess carbon from the muzzle device OD with a fine wire brush or wheel. No other maintenance is required with this silencer. An Oatey 1" pipe cleaning brush can be used to clean the inside mount interface of the suppressor. **DO NOT USE** course or medium wire wheels or brushes, as this can cause damage to your mount.



## THREAD PITCHES SUPPORTED:

25/32x24 (7.62mm)  
5/8x24 (7.62mm)



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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GENERAL  
ISSUE  
PROGRAM



