



**GRIFFIN FIREARMS DIVISION**

# **AR SERIES**

**OWNERS MANUAL**



**GRIFFIN  
ARMAMENT**



# **GRIFFIN FIREARMS DIVISION AR SERIES**

## **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 and firearms technology.

The Griffin Armament rifle series represents a focused engineering project on creating a full featured, quality, value packed carbine worthy of use as your primary carbine. Front to back Griffin rifles leave no stone unturned.



### **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 all products and accessories.



### **PRODUCT SYNOPSIS**

The Griffin AR series are front line fighting rifles. Everything you need and nothing you don't, these out of the box rifles are ready to hit the ground running. The tuned gas system and suppressor optimized buffer system ensure a soft, yet reliable gas system suppressed or unsuppressed.

#### **GRIFFIN RIFLE FEATURES:**

416R SS HEDP™ Barrels	Enhanced BCG
Forged Upper and Lower Type 3 Hardcoat Anodized	Ambidextrous Selectors
A3 Grip and Enhanced Trigger Guard	SN-ACH™ (Suppressor Normalized Ambi Charging Handle)
Contour Connect QD End plate	Maritime Receiver Extension™
AR-SOB (Suppressor Optimized Buffer)	ECS™ Extreme Condition Stock
RailShield™ 4 Piece Panel Set	Low Pro Rail System
Primo Gas Block (pinned)	Silencer Mount Muzzle Device
Dimpled Takedown Pins	Full Ambi Controls (MK2 Series Only)

### **MUZZLE DEVICE OPTIONS - CHECK WEBSITE FOR ALL LISTED OPTIONS**

#### **TAPER MOUNT**



#### **DUAL-LOK™**



#### **GATE-LOK™**







**READ THIS MANUAL CAREFULLY BEFORE USING  
OR MANIPULATING THE FIREARM IN ANY WAY**

## **FIREARM SAFETY RULES**

### **1. NEVER POINT A FIREARM AT SOMETHING THAT IS UNSAFE TO SHOOT.**

A firearm should never be pointed at anything that is unsafe to shoot. A gun's muzzle should never be pointed at yourself or at another individual. This is particularly crucial while loading or unloading. As you aim your gun at a target, be aware of what's in front of it. Certain rounds can exceed over a one-mile range. Should you miss your mark or, in the event that the bullet enters the target, it is up to you to make sure the shot doesn't cause unintentional harm or destruction.



### **2. ALWAYS TREAT A FIREARM AS IF IT WERE LOADED.**

Never presume that a gun is unloaded. While opening the chamber, visually and physically inspect the inside to make sure there are no cartridges within it. This is the only surefire method to confirm a gun is empty of ammunition. A firearm is not necessarily unloaded or incapable of firing just because the magazine has been removed. To examine a firearm, cycle or remove the ammunition, then open the chamber for visual inspection of any extra cartridges.

### **3. STORE YOUR FIREARM OUT OF CHILDREN'S REACH.**

You are accountable for making sure that children or other unauthorized individuals cannot obtain your firearm. Unload your rifle, secure it, and keep the ammunition in a different locked area to lower the possibility of child-related mishaps. Please be aware that some accessories, such as cable locks, are meant to prevent accidents from happening, but they might not stop a determined individual from using or abusing your gun. It might be more appropriate to store firearms in steel gun safes to lessen the possibility of purposeful misuse by an uninvited guest.



### **4. AVOID SHOOTING RISKY SURFACES.**

Shooting in the water, at rocks, or any other hard surface increases the possibility that the bullet can ricochet or splinter, which could cause the projectile to strike an unforeseen or peripheral target.



**To reduce the risk of accidents involving any persons unfamiliar with firearms, unload your firearm and lock it away with ammunition stored in a separate location.**



**FIREARMS CAN BE DANGEROUS AND CAN POTENTIALLY  
CAUSE SERIOUS INJURY OR DEATH IF HANDLED IMPROPERLY**

### **5. ASSURE YOU KNOW THE SAFETY FEATURES OF THE FIREARM YOU ARE USING.**

Never depend on the mechanical safety to stop you from having an accident. It is essential you are familiar with and operate the firearm you are handling in a safe manner. The best way to avoid mishaps is to adhere to the safe handling practices outlined in a basic firearm safety booklet, or following the brief explanations mentioned in this manual. If you haven't yet, consider enrolling in a Firearms Safety Course taught by a professional to gain more knowledge about handling rifles and other firearms.



### **6. CONSISTENTLY MAINTAIN YOUR FIREARM.**

Consider keeping your gun stored away in an enclosed space to prevent lint or dirt buildup in the internal components. Clean and lubricate your firearm after every use to avoid corrosion, barrel damage, or the buildup of contaminants that could make it unusable in an emergency. Prior to loading, always make sure the barrel and chamber is clear and clean. If you fire while there is an impediment in the chamber or barrel, the barrel may burst, hurting you or others around you. When shooting, if you hear something strange, stop right away, set the gun to safe mode, empty the magazine and chamber, and check the maintenance section of your rifle's manual. Verify that there are no obstructions in the chamber or barrel, such as a bullet blocked inside the barrel due to defective or improper ammunition.

### **7. USE THE PROPER AMMUNITION.**

Only use proper factory-loaded ammunition that has been made in accordance with industry standards. Make sure every bullet you use is the correct kind and caliber for the specific gun. The barrel of most guns have a distinct marking indicating its caliber. Using reloaded or re-manufactured ammunition increases the risk of over pressurizing the cartridge, rupturing the case head, or experiencing other ammunition flaws that could damage your gun and hurt you or those around you. Griffin Assumes no liability for physical injury or property damage resulting from the use of improper, hand-loaded, reloaded, or re-manufactured ammunition. Serious injury and damage may occur from the use of ammunition not suitable for the firearm.



For information about Firearm Safety Courses in your area, please visit the National Rifle Association's website at [www.nra.org](http://www.nra.org).





**IT IS YOUR RESPONSIBILITY TO KNOW AND FOLLOW  
FEDERAL, STATE, AND LOCAL FIREARM LAWS**

### **8. ALWAYS WEAR EAR AND EYE PROTECTION WHEN SHOOTING.**

A shooter firing a gun is not likely to be injured by gas, gunpowder residue, or metal shards blowing back, but the damage that can be done in such situations is serious and could result in permanent injuries. When shooting any kind of firearm, a shooter must always wear protective glasses that can withstand impact. Hearing loss from continuous shooting will also be decreased by wearing noise-canceling headphones or earplugs.

### **9. NEVER CLIMB OR JUMP OVER OBJECTS WITH A LOADED FIREARM.**

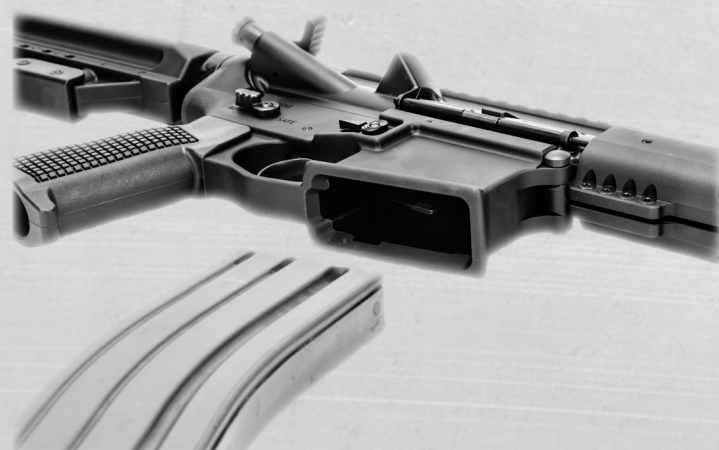
Before trying to climb or jump with a loaded firearm, open and empty the chamber(s) of your guns, engage in a safety briefing regarding your course of training, and take the proper precautions. A loaded firearm should never be pulled or pushed toward you or another person. Always unload a firearm, then visually and physically check to make sure that the magazine, loading mechanism, and chamber(s) are unloaded, and the action is open before handing it to another person. Never accept a firearm from someone until it has been verified to be unloaded both physically and visually.

### **10. AVOID ALCOHOLIC BEVERAGES AND/OR COGNITIVE IMPAIRING MEDICATION WHEN SHOOTING.**

Never shoot while drinking or after engaging in cognitive impairing activities. If you take medication that can impair your cognitive functions or judgment, do not handle a firearm while you are under the influence of this medication.

### **11. NEVER TRANSPORT A LOADED FIREARM.**

Before loading a gun into a vehicle of any sort, be sure it is empty in both the chamber and the magazine. Target shooters and hunters should only load their guns when they are prepared to shoot at their desired destination.



**THIS FIREARM HAS THE CAPABILITY OF TAKING YOUR LIFE OR  
THE LIFE OF SOMEONE ELSE. ALWAYS USE EXTREME CAUTION**

## **LOAD CHECK**

You will be asked to check that your firearm is unloaded at various times in this manual by looking at the loading gate, the ejection port, and the cartridge chamber. You should get used to doing these and the following safety measures instinctively:

- Never assume that the gun is unloaded.
- Never point or push the gun toward yourself or another person.
- Always inspect the ejection port, and the cartridge chamber to make sure they are empty with a visual and manual check. The cartridge chamber is the portion of the barrel into which the cartridge is inserted.
- Pull back the charging handle to lock it into the open position and engage the safety before handing the rifle to another person.
- Never take from or give the firearm to another person unless the charging handle has been opened and locked back, and the ejection port, and cartridge chamber have been inspected to ensure they are completely empty.



**Keep your fingers away from the trigger, turn the firearm in a safe direction and always engage the safety when manipulating the firearm in any manner.**



**When you squeeze the trigger, expect the firearm to fire, and take full responsibility for firing it. Your carefulness can avoid accidental discharge, and accidental injury or death.**



**Firearms may discharge accidentally when a round is fed into the chamber, if it is dropped, or receives a hard blow.**







GRIFFIN ARMAMENT ASSUMES NO LIABILITY FOR ANY INJURY OR DAMAGE TO PERSONS OR PROPERTY CAUSED BY CARELESS HANDLING, OR INTENTIONAL OR ACCIDENTAL FIRING OF THE FIREARM.

## HOW TO LOAD AND FIRE

### LOADING THE CARTRIDGE INTO THE MAGAZINE

To enable the cartridge to feed into the magazine, position it correctly. Apply pressure with your thumb to the cartridge until it clicks into the magazine's tower. This procedure should be repeated until the magazine is full.

### LOADING THE MAGAZINE INTO THE FIREARM

Verify that SAFE mode is selected on the selector switch. Raise the bolt catch and pull the bolt carrier group backward using your charging handle. Your carrier will become trapped into an open position as a result. Push the magazine you have successfully loaded straight into the magazine well until you hear an audible click.

### LOADING THE CHAMBER FROM THE MAGAZINE

Verify that the SAFE mode is selected on your selector switch. Press down on the bolt catch to release the carrier assembly after this has been confirmed. In doing so, a round will be loaded into the chamber and the carrier group will be released. The rifle is now prepared to fire as soon as the selector switch is turned from SAFE to FIRE mode.



CONFIRM THE FIREARM IS UNLOADED BEFORE PERFORMING ANY FORM OF MAINTENANCE

## OPERATION OF THE FIREARM

- Load a cartridge into the chamber (as previously explained).
- With a cartridge in the chamber, and ready to fire, move the safety into the FIRE mode.
- Acquire your target, being sure of your target and beyond, aim, and squeeze the trigger until the firearms discharges, then release.
- After a cartridge is fired, you can continue to pull the trigger at your own pace, for the action of the gun has fully cycled a round and is reset for the next. You may continue, if you wish, to fire the weapon until the loaded magazine is empty.
- When you are done shooting, verify the gun is empty by placing the gun in SAFE mode, releasing the magazine from the gun, and moving the charging handle rearward to manually lock the carrier assembly open against the bolt catch.

## HOW TO UNLOAD

### UNLOADING YOUR FIREARM

- Ensure that the selector switch is set to SAFE mode.
- Release the magazine by pressing the magazine release and remove it.
- Pull the charging handle rearward and utilize the bolt catch. Release and leave the action open. If a cartridge is stuck in the chamber, you must pull rearward with enough force to eject the unspent cartridge.
- Visually and physically check and verify that the chamber and mag well is unloaded and that the unspent cartridge ejected from the firearm.
- The action can be left open for storage. This practice is helpful in identifying that the firearm is unloaded from a visual aspect.

### UNLOADING THE MAGAZINE

- To unload the magazine, push down on the top of the rim of the cartridge and slide each cartridge out one at a time.



**Always visually inspect the chamber to ensure that there is no ammunition remaining. When unloading, ensure that the safety is in the safe mode. Continue to use proper firearm safety and treat the gun as if it were still loaded.**





**SET YOUR FIREARM TO SAFE MODE, UNLOAD THE MAGAZINE, AND CHECK THE CHAMBER BEFORE PERFORMING ANY MAINTENANCE**

## FIELD STRIPPING THE FIREARM:

It is recommended to clean the firearm after each use. This prevents debris build-up and preserves the functions of the firearm. Always wear eye protection when disassembling the firearm and/or magazine.

### MAINTENANCE AND CLEANING:

- Verify that the firearm is unloaded and the safety is set to **SAFE** mode.
- Remove the magazine.
- Remove the upper receiver assembly from the lower receiver assembly by pushing out the push pins until they stop in their detented limits.
- Remove the charge handle and bolt carrier group.
- Clean and lubricate each part.
- Clean and lubricate the barrel bore.
- Repeat the above steps in reverse order to reassemble. This is a basic field strip.



Wholesalers, dealers, or gunsmiths are not authorized to carry out warranty repair or adjustment to the firearm on behalf of the manufacturer (unless expressly authorized by an official Griffin company representative in writing).



**Never chamber a cartridge or move the safety from the safe mode unless shooting the firearm is imminent. If shooting is not imminent, the safety should stay in safe mode.**

## 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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