



COPPERHEAD

Owner's Manual

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Thank You for Purchasing the Copperhead!

Thank you for your purchase of a GSL Technology suppressor. We take pride in our engineering driven products that are now, and will always be, designed and manufactured entirely in the United States.

With 9 patents to his credit, and over 35 years of suppressor design and manufacturing experience, our owner and founder Greg Latka has been one of the driving forces in the suppressor industry.

We are confident that you have in your hands, one of the best firearm suppressors available today. Marketing hype is one thing, but performance is entirely different. Our suppressors will quietly perform with the enduring reliability that you can count on for years to come.

GSL Technology is an engineering, performance driven company. We are one of the very few ISO 9000 certified companies in the industry. That means that our company holds itself to a higher level of accountable quality that remains constant over time.

We strive to design and manufacture the best suppressors available on the market within their service criteria.

If you are new to suppressors, you are in for a treat. If you're an old pro, we hope that you will enjoy the fruits of our labor and spread the word!



Copperhead Specifications

GSL's new Copperhead suppressor for .338 Lapua comes with either a direct thread mount or QD mount setup.

Packing includes the following:

- (1) .338 Lapua Suppressor
- Direct Thread Attachments (1) 5/8 24 2B Thread Insert and (1) 3/4 - 24 2B Thread Insert
- Quick Attach Flash Hiders for (1) 5/8 24 2B (1) 3/4 24 2B
- (1) Assembly/Disassembly Tool

Copperhead

Caliber: .338 Lapua

Sound Reduction: 35 dB QD - 32dB DT

Length: 11.125" QD - 9.375" DT

Diameter: 1.875" QD - 1.50" DT

Weight: 27.6 oz QD - 18.5 oz DT

Materials: Titanium/Aluminum

Finish: High Temperature Cerakote - Black

Mount: 5/8 - 24 2B thread & 3/4 24 2B

Target Crown on Muzzle

***For Barrels:**

24" or longer .338 Lapua

**Export of this sound suppressor and/or sound suppressor manual is strictly prohibited with a valid export license issued by the United States Department of State, Office of Trade Controls, prohibited in the international Trade in Arms Regulation (ITAR), Title 22, CFR, Parts 120-130".*



Warnings



WARNING! Read the operation and maintenance manual in its entirety before using suppressor. Failure to follow the installation and maintenance instructions detailed in this manual can result in potential for serious injury to the user and damage to the weapon.



Verify Firearm is Unloaded. Visually and physically confirm your firearm is unloaded before attempting or performing any of the procedures in this manual. Failure to ensure the firearm is unloaded could result in unintentional discharge, causing injury or death.



BURN WARNING: Allow suppressor to cool to ambient temperature before removal and/or service. The outside surface temperature of this suppressor may exceed 40 C/104 F. Therefore protective gloves should be worn at all times in attaching or detaching the suppressor. Failure to do so may result in severe burns to hands and any other unprotected skin surface.



PINCH WARNING: Could be customized to the multi cal (as to changing out) but in attaching or detaching the can for all cans. *The point of attachment and detachment is a pinch point and caution should be taken, including wearing protective gloves, to avoid severe injury at this pinch point.



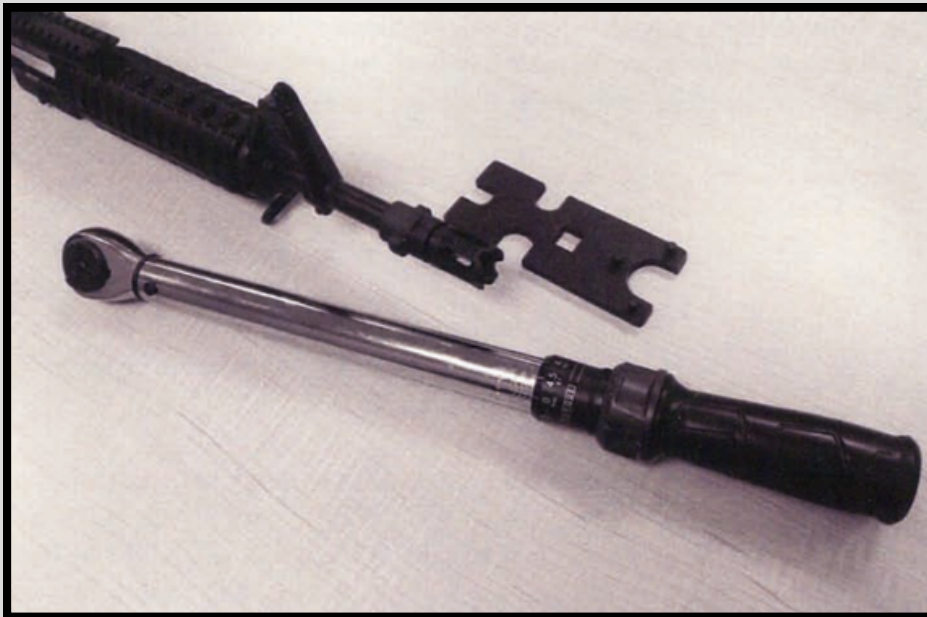
MUZZLE WARNING: The muzzle of the firearm is different when a suppressor is attached. However, this is still the point where the projectile exits the weapon system and the muzzle should not cover or sweep any area the user is not wanting to shoot and kill.



SONIC CRACK WARNING: This suppressor will not protect end-users and those in close proximity from hearing damage when, and if, the projectile crosses the sound barrier. Thus, proper hearing (and eye protection) should be worn at all times.

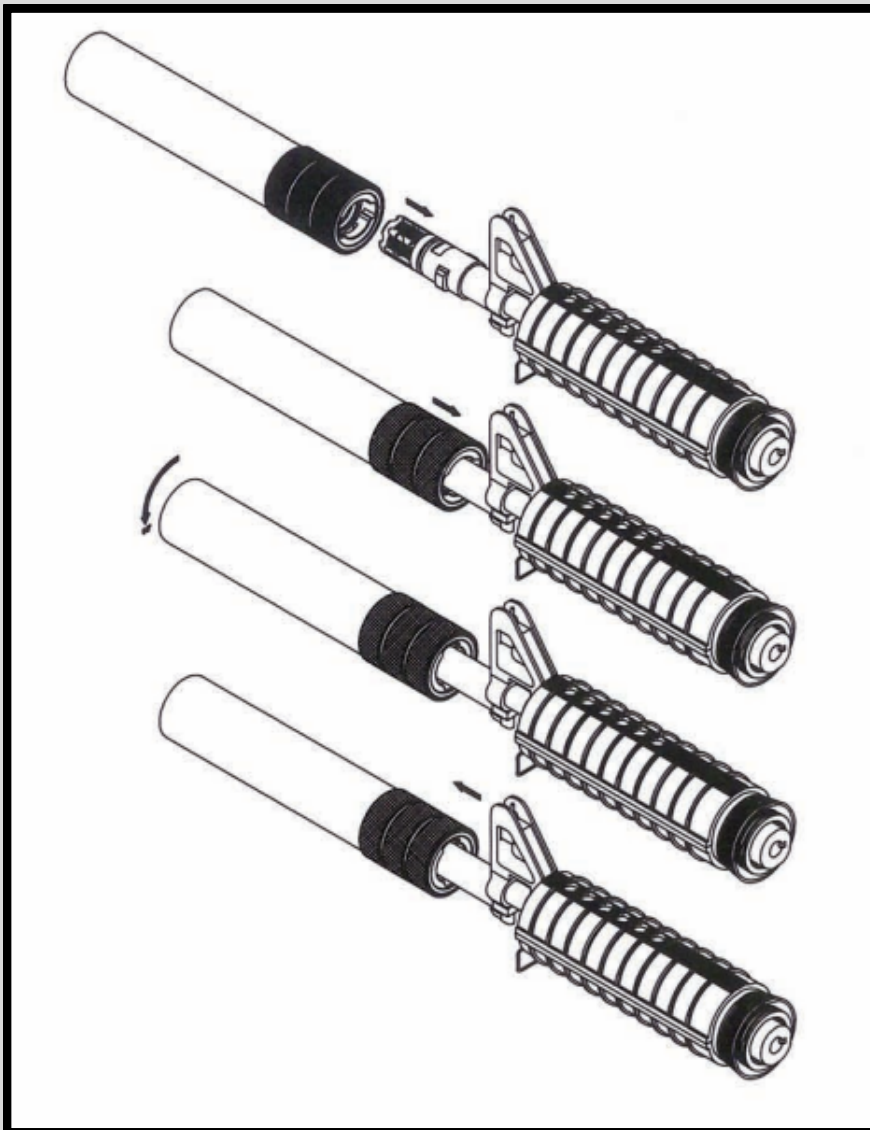
Mounting the Flash Hider on the Barrel

1. First remove flash hider and crush washer (never use a crush washer when installing a GSL bi-lock flash hider)
2. If flash hider lugs do not line up (vertical or horizontal) use shims to adjust
3. Degrease all threads and put two drops of Loctite 262 on each thread (barrel and flash hider)
4. Using torque wrench (set to 35-4 ft lbs), install flash hider



Mounting Suppressor on the Flash Hider

1. Place the base of the suppressor onto the Copperhead QD tri-lock flash hider
2. Rotate the suppressor until the lugs on the Copperhead QD tri-lock flash hider enter the base of the suppressor. This can occur in only one position.
3. Suppressor Lugs are different sizes to make sure that the unit repeats. Make sure the lugs are lined up with the correct pockets to install.



Installing Suppressor on Barrel

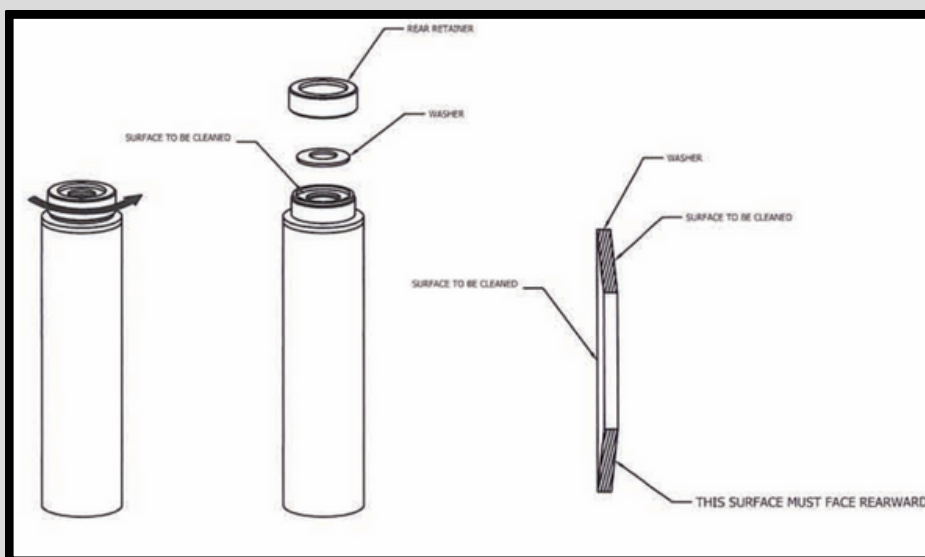
Make sure to check the bore of the suppressor to confirm that it is free of obstructions.

Note: The patented (patent number 8,210,087) Belleville spring washer system on the suppressor creates a pressure on the threads that will maintain the suppressors position on the weapon without unscrewing.

To Install: Screw the suppressor onto the threads until the spring pressure is felt. Then slowly tighten the unit until you feel it bottom out. The suppressor is now properly seated.

Maintenance of the Thread Retaining System

1. Unscrew the rear retainer from the suppressor
2. Remove Belleville spring washer
3. Clean face of the rear mount
4. Clean both faces of the Belleville spring washer
5. Install Belleville spring washer (Note: Be careful to have center dished section facing rear ward - this is critical!)
6. Screw rear retainer back on suppressor
7. Belleville spring washer is designed to free float and movement is not cause for concern



Warranty Information

Unconditional Lifetime Warranty. If for any reason you have an issue with a GSL Technology product, we will repair or replace it free of charge. Warranty does not apply if product is altered in any way.

Damaged Suppressor: This or any suppressor may not properly operate and create significant risk of injury or death if damaged or obstructed. Any and all such damage should be reported to an Armor familiar with this suppressor and the weapon system or it should be returned with the RA to GSL Technology, Inc. For more information, contact GSL Technology, Inc. at: warranty@gsltechnology.com.

Manufacturer's Disclaimer

GSL Technology, Inc. manufactures all suppressors the highest quality and technical standards in the industry. However, improper usage by any end-user by this product may result in serious injury to the user or third parties. Therefore, it is the user's responsibility to understand this product and the weapon system used therewith. If you do not understand the instructions in this manual, please contact GSL Technology for further clarification at <http://www.gsltechnology.com>. GSL Technology, Inc. shall have no liability for incidental or consequential damages and under no circumstances be liable for personal injury, death, property damage, environmental damage or economic losses of any type caused by the misuse of this product or negligence on the part of the user. To the extent allowed by law, all liability from act or omission from improper usage of this suppressor is disclaimed. The warranty and disclaimer in this manual for the suppressor is subject to all laws which may limit these terms. To the extent allowed by law, the purchase of this product places an affirmative duty on any distributor, retailer or user to transmit this manual with the suppressor.

For the latest, most complete version of this manual, please visit <http://www.gsltechnology.com>.



Service Log

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**QUESTIONS?
CONTACT US.**

Jackson, Michigan
517-780-9090

**GSL Technology, Inc.
Suppressors are proudly
made in the United
States of America.**

