



# SCORPION

## Owner's Manual

REVISED OCTOBER 2023

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## Thank You for Purchasing the Scorpion!

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!



# 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.

# Scorpion Specifications

The Scorpion Suppressor is the updated version of the time-tested Raptor and Raptor II, models which are considered to be the standard to which all other Heckler and Koch MP5 submachine gun suppressors are compared. The Raptor unit was designed Gregory Latka for the MP5 in the 1990's. He also designed the Scorpion Suppressor, so users can expect that same high level of quality. The Scorpion Suppressor can go to 100,000 to 225,000 rounds. One unit even went to 1,000,000 rounds (as verified by the shooting range that used it). The Scorpion Suppressor, like its predecessor, is a highly efficient, compact diameter, 1 3/8" round by 7" long Tri-Lock mount unit. The Scorpion Suppressor is rated for a fully automatic fire suppressor.

## Construction of the Scorpion Suppressor

The Scorpion is manufactured from aircraft grade aluminum. It is hard coat, black anodized aluminum to provide a light weight, durable suppressor. With the proper maintenance, 150,000 or more rounds can be shot through this unit. The Scorpion Suppressor, except for the Tri-Lock mount, is sealed for optimum performance. The Tri-Lock mount consists of a stainless-steel piston, stainless steel spring, rear aluminum mount, rear Tri-Lock aluminum adapter and 2 O-Rings. The mount can be unscrewed for cleaning and repacking with grease. GSL Technology, Inc. also builds the Scorpion Suppressor with a Bi-Lock flash hider for the Colt 9mm, M16 or other similarly configured 9mm weapons. In this configuration, the existing WARNING Failure to follow installation and maintenance instructions detailed in this manual can result in injury to the user and/or damage to the weapon factory installed flash hider on the weapon must be removed and replaced with our proprietary Bi-Lock flash hider. This is included with the Scorpion Suppressor that is configured for the flash hider, but extra flash hidens are also available for purchase.

## Mounting the Scorpion on the Heckler and Koch MP5 Machine Guns

The Scorpion Suppressor mounts directly onto the 3 lug Heckler and Koch barrel. Some Heckler and Koch MP5 barrels have a threaded nose with a knurled thread protector. NEVER mount the Scorpion Suppressor over the knurled thread protector. These thread protectors are not machined to the tight tolerance needed. Contact GSL Technology, Inc. to purchase the properly sized, smooth thread protector to mount onto. Failure to do so can result in damage to the suppressor because of improper alignment issues. If the barrel is not threaded, you can mount directly onto it.

### WARNING

The Scorpion Suppressor was designed for proper mounting on original Heckler and Koch MP5 factory barrels. Other companies manufacture the MP5 to specifications that do not necessarily match those of Heckler and Koch. **Because of the difference in the specifications, we cannot guarantee alignment.**

1. Make sure that the weapon is unloaded, the magazine is removed, the safety is on and the bolt is in the locked position.
2. Align the lugs on the barrel to the 3 pockets on the Scorpion mount
3. Pull the Scorpion rearward against the spring tension until the suppressor comes to a stop. While holding the weapon in the firing position, rotate it counter clockwise until the lugs come up against the positive stop. This will be a rotation of 60 degrees. Make sure the Scorpion is firmly in the pockets by rocking the suppressor.
4. To remove the suppressor, follow these directions in reverse.

## Maintenance and Cleaning

The Scorpion Suppressor is an efficient design using jetted M-Baffles. All suppressors will collect unburned powder and residue but because of the design, the Scorpion suppressor will work well even when over 100,000 rounds of ammunition have been shot through it. We even have had the design last over 1,000,000 rounds (as documented from a machine gun range). GSL Technology, Inc. does not feel that the suppressor will need cleaning except for the Tri-Lock mount. This has moving pieces and requires occasional cleaning and regreasing. This should be done between 1,000 and 2,000 rounds to make sure it will continue to function correctly. Except for the spring and piston, the Scorpion Suppressor is manufactured of aircraft grade aluminum and should only be cleaned with solvents that are not harmful to aluminum.

## Cleaning the Tri-Lock Mount

The Tri-Lock mount consists of 4 pieces plus 2 O-rings. They are the Tri-Lock Rear, Piston, Spring and the Main Body.

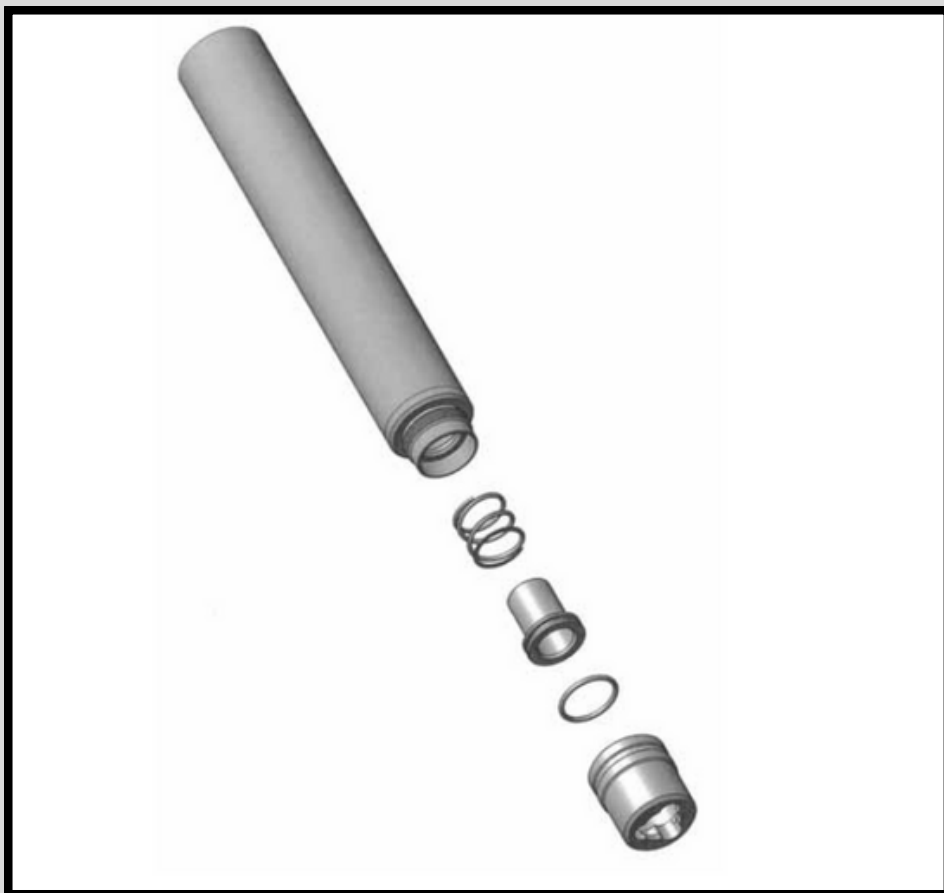
1. Unscrew the Tri-Lok rear mount from the Body.
2. Remove the piston and spring.
3. Inspect the condition of the O-rings and replace them if necessary.

The O-ring sizes are

- Body: 13/16 x 11/16 x 1/16 Viton
- Piston: 15/16 x 13/16 x 1/16 Viton

Never use rubber or Buta O-rings. They will absorb the grease and swell, rendering the piston inoperable.

4. Clean the piston and spring, then repack with grease. We recommend "Super Lube which is a multipurpose grease with Syncolon. This is available from any automotive or trailer supply store. If this is not available, any other grease will work.





## 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](mailto: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>.



**QUESTIONS?  
CONTACT US.**

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

