



GSL

TECHNOLOGY, INC.



SCORPION

MANUAL

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

Scorpion

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 by 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

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 hidere 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

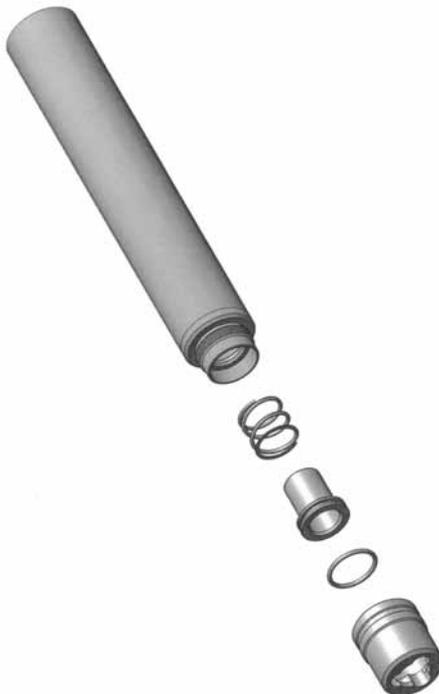
The Scorpion Suppressor is an efficient design using jetted M-Baffles. All suppressors will collect unburned powder and residue but because of the design, the Scorpion suppressor will work well even when over 100,000 rounds of ammunition have been shot through it. We even have had the design last over 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
4. Body: 13/16 x 11/16 x 1/16 Viton
5. Piston: 15/16 x 13/16 x 1/16 Viton
6. Never use rubber or Buta O-rings. They will absorb the grease and swell, rendering the piston inoperable.
7. 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. The warranty does not apply if the product is altered in any way.

Damaged Suppressor

This or any suppressor may not properly operate and create a 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:
customerservice@gsltechnology.com

Manufacturer's Disclaimer

GSL Technology, INC. manufactures all suppressors to 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 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. The warranty and disclaimer in this manual for the suppressor are 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 transfer this manual with the suppressor.

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



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