



BOSS

Owner's Manual

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Thank You for Purchasing the Boss!

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!



Boss Specifications

- Caliber: 9mm
- Sound Reduction: 25dB
- Length: 3.75" (includes mount)
- Diameter: 1.0"
- Weight (with mount): 3.2 oz
- Materials: Aluminum
- Finish: Hard Coat Anodize
- Mount: 1/2x28 direct thread

Notes:

The Boss suppressor is optimized for use with 9mm handguns for limited use rather than regular, high round count shooting. Use ONLY FMJ rounds.

The Boss suppressor is NOT rated for fully automatic firing.

The GSL Boss suppressor is a user serviceable suppressor and can be assembled/disassembled by hand without specialized tools.

Boss Box Contents

Be sure to let us know if anything is either missing or damaged within this box and we will gladly get you whatever might need to be replaced. Please read this owner's manual all the way through prior to shooting as it contains important safety and operating information. Your GSL Boss Suppressor is a high performance tool designed to give you many years of reliable service.



- 1) GSL Technology Boss Suppressor
- 2) Wipes container with 24 spare wipes
- 3) Super Lube Synthetic Grease
- 4) Boss Suppressor Owner's Manual

Bullet Diameter Warning

GSL Boss Suppressors are for .355" to .357" diameter projectiles which correspond to the 9mm cartridge. Smaller diameter bullets in pistol calibers such as .22's or .380 ACP may be used, but will not be optimized for the larger diameter of the Boss. In order to maximize the life and effectiveness of the wipes, always shoot FMJ.

NO HOLLOWPOINTS!

DOUBLE CHECK YOUR CHAMBERING prior to attaching the GSL Boss Suppressor to your firearm.

Boss Suppressor Direct Thread Mount

The GSL Boss suppressor is designed for compactness and limited use. Utilizing expendable "wipes", it is designed for maximum effectiveness and sound reduction using subsonic 9mm FMJ projectiles. **DO NOT use hollowpoint ammunition, as these tend to cut "plugs" out of the wipes, minimizing both their effectiveness and useful life.**

The GSL Boss suppressor is only available with the 1/2 x 28 thread direct mount. Do not use any shims or washers in combination with the firearm and the suppressor. The Boss is designed specifically to be used on handguns and being an extremely light design, does not require a "booster" for the Boss Suppressor to function reliably.

Commercial loadings for 9mm are typically over 1100 fps. Under most environmental conditions, the 9mm can be considered supersonic. To minimize the sound signature, subsonic 9mm rounds, with projectiles weighing 147 grains or above, are available. The report of the escaping gases will be greatly reduced by the Boss, however, the supersonic crack will not be.

Boss Suppressor Assembly

The GSL Boss suppressor comes with 2 tubes, the suppressor body itself, with the direct thread mount, and the spare baffle tube.

The end cap thread piece is removable as is the end cap.

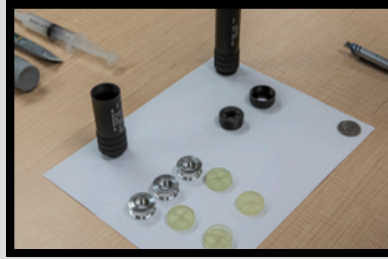
- 1) Unscrew the suppressor body from the spare baffle tube.
- 2) Use a quarter to remove the end cap thread piece and screw it into the suppressor tube until it snugs up firmly against the baffles and wipes.
- 3) Thread the end cap on, taking care not to cross thread.
- 4) Snug the end cap firmly against the suppressor body.



Replacing the Wipes

When the wipes are no longer providing the level of sound suppression that you require, its time to replace them with the spares located in the wipe reservoir tube. You will need to have these wipes as well as the supplied Super Lube grease.

1) Disassemble the Boss by removing the end cap and threaded insert and remove the used wipes and aluminum baffles. You can use a pencil, dowel or pen body to push these components out. You can see the components laid out and stacked in the order that they will be inserted.



2) Using the supplied Super Lube grease, liberally apply to each wipe. You will be stacking 2 wipes, a baffle (with the writing facing to the firearm), 2 wipes, baffle, 2 wipes, baffle and 2 more wipes.

3) When stacking the 2 wipes, be sure to line up the X's in the wipes at right angles to each other so that they cross.

4) Liberally apply grease to the baffles, both along the outer circumference and the inside of the baffle.



5) After inserting the stacked baffles and wipes, carefully screw the threaded insert into the suppressor body and snug it down firmly against the stack using a quarter as your tool.

6) Carefully thread the end cap onto the threaded insert and snug it down.



Mounting the Boss Suppressor on the Firearm

- 1) Remove the thread protector and examine the threads of both the barrel of the firearm and suppressor for any damage, carbon buildup or debris. Repair, clean and/or remove anything on the threads and insure that they are clean.
 - 2) Carefully align the suppressor to the barrel, and lightly press the suppressor onto the barrel so that you can feel the threads.
 - 3) Rotate the suppressor counter clockwise while putting a VERY slight amount of pressure inward in order to insure that the starter threads are aligned.
 - 5) Now gently rotate the mount clockwise, feeling for any resistance that may indicate the start of cross threading. If no resistance to rotation is noted, continue until the suppressor is firmly in place and fully seated against the shoulder of the barrel threads.
- BE CAREFUL NOT TO CROSS THREAD.**
- 6) Fully screw the suppressor in until it is firmly snug.



Removing the Boss Suppressor from the Firearm

To remove, reverse the steps outlined on page 9.

CAUTION: Suppressors can gain 7-10° F (or more) per round fired and therefore can be **EXTREMELY HOT** to the touch depending upon how many rounds were fired and over what time frame they were fired. Understand that attempting to remove a hot suppressor without protection (like welder's gloves) can cause severe injury. Also, do **NOT** put your firearm with the suppressor mounted or the suppressor alone when it is hot, into anything that can be melted or otherwise damaged by heat of up to 700° F or more. Your suppressor will cool according to ambient temperature and the initial peak temperature that your suppressor reached, so plan accordingly.

On occasion you may experience difficulty in removing the suppressor from the threads of a barrel due to carbon build up (often referred to as carbon lock). Be sure that the suppressor is not hot, and firmly tap the suppressor squarely on the muzzle end onto a carpeted surface or otherwise hard surface that has a cushioned top covering. Doing so will break the carbon that is locking the threads and allow you to removed the suppressor. You may also use a 2x4 or similar piece of soft wood, or a soft rubber mallet, and tap on the muzzle end squarely. You will not have to, nor want to hit the muzzle with a lot of force to accomplish this.



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.

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>.



**QUESTIONS?
CONTACT US.**

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

