



PILL BOX

Owner's Manual

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Thank You for Purchasing the Pill Box Suppressor!

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!



Pill Box Specifications

- Caliber: .22LR
- Sound Reduction: 24 dB
- Length: 1.44"
- Diameter: .937"
- Weight (with mount): .995 oz
- Materials: 7075 Aluminum
- Finish: Hard Coat Anodize
- Mount: 1/2x28 direct thread

Notes:

The Pill Box suppressor is optimized for use with .22LR handguns for limited use rather than regular, high round count shooting (although it can be used on .22LR rifles).

The Pill Box suppressor is NOT rated for fully automatic firing.

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

It is HIGHLY recommended that a copy of your NFA Tax stamp for this small suppressor be carried in your wallet if you choose to carry it in your pocket.

Pill Box / Pill Box Plus 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 Pill Box Suppressor is a high performance tool designed to give you many years of reliable service.



- 1) GSL Technology Pill Box Suppressor (2 wiper)
- 2) Wiper container with 2 spare wiper (Pill Box Plus)
- 3) Key Ring Holder
- 4) Pill Box Suppressor Owner's Manual

Bullet Diameter Warning

GSL Pill Box Suppressors are for .224" diameter projectiles which correspond to the .22 family of rimfire cartridges. Smaller diameter bullets in pistol calibers such as .17' rimfires may be used, but will not be optimized for the larger diameter of the Pill Box. The best performance will be with .22LR sub-sonic ammunition.

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

Pill Box Suppressor Direct Thread Mount

The GSL Pill Box 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. The use of hollowpoint ammunition is NOT recommended, as these tend to cut "plugs" out of the wipes, minimizing both their effectiveness and useful life.

The GSL Pill Box 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 Pill Box is designed specifically to be used on handguns and being an extremely light design, does not require a "booster" for the Pill Box Suppressor to function reliably.

Commercial loadings vary for .22 rimfire cartridges, from subsonic to up to 1300fps so the sound signatures will vary greatly based on the ammunition selected. Note that short barrels (4" or less) will often not allow .22LR standard loads to reach supersonic speeds and will often sound like commercially available subsonic rounds when fired through a suppressor.



Pill Box Suppressor Assembly

The GSL Pill Box Plus suppressor comes with 2 tubes, the suppressor body itself, with the direct thread mount, a key ring adapter and the spare baffle tube. The end cap thread piece is removable as is the end cap. The Pill Box suppressor itself has only the body and key ring adapter.

- 1) Unscrew the suppressor body from the spare baffle tube and key ring adapter.
- 2) Remove the end cap thread piece and screw it into the suppressor tube until it snugs up against the wipes. taking care not to cross thread.
- 3) Snug the end cap firmly against the suppressor body.



Mounting the Pill Box 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 snug.



Removing the Pill Box Suppressor from the Firearm

To remove, reverse the steps outlined on page 7.

The GSL Pill Box Suppressor is designed with “wipes” to slow the gases from escaping the barrel, which in turn, suppresses the sound of the gunshot report. It does nothing to make the projectile go slower in order to make it travel at subsonic speeds. These wipes are consumables that have a limited round count whereby they will suppress to the specifications published. As they wear with each round fired, the ability to slow gases will change as the bullets expand the hole in the wipes, so therefore the sound energy will increase eventually as they wear. Eventually these wipes will have to be replaced. The GSL Pill Box Plus Suppressor comes with 2 spare wipes so that they can be user replaced. Removing the end cap and pushing the two old wipes out and replacing them with the two spares is a simple, straightforward procedure. Due to the intricacies of the 1934 Gun Control Act and how the ATF interprets it, wipes are considered “suppressors” by themselves, so therefore, the old wipes can only be replaced by a class III/SOT holder or the factory, so if you don’t have spare wipes, you will have to either have these replaced locally at such a shop or return your suppressor to GSL for wipe replacement. (Return with a copy of your NFA Tax Stamp to GSL Technology).

In testing, we have shot the GSL Pill Box Suppressor over 100x before the sound signature reduction is significantly degraded, obviously this will vary with the type of rounds fired.



Cleaning the Pill Box Suppressor

The Pill Box is a low round count suppressor with replaceable wipes, as such, it will never get so fouled with lead particulate or carbon to need to clean it. Replacing the wipes as they wear out will be sufficient maintenance for this particular design. Wear rubber gloves and do this in a well ventilated area in order to minimize your exposure to lead.

There is no need to ever clean.

Never clean to the level of bright metal, it is a waste of time and energy. In essence, if you choose to clean your suppressor, all you need do is remove any loose deposits in the thread areas, and in the tube. Lightly clean with ScotchBrite or 0000 steel wool and then reassemble. Remember, you don't clean your automobile's muffler, so don't worry about cleaning your suppressor, both were designed to function with the byproducts of combustion inside them.

GSL Pill Box Accessories

The GSL Technology Boss suppressor is designed for a lifetime of shooting. Some accessories for this suppressor may be found to make it more useful for your specific needs. The most up to date list will always be found at gsltechnology.com.

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.**

