



P90

Owner's Manual

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Thank You for Purchasing the P90!

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!



P90 Specifications

- Caliber: 5.7X28mm
- Sound Reduction: 34 dB
- Length: 7.25"
- Diameter: 1.375"
- Weight: 12.5 oz
- Materials: Titanium
- Finish: High Temperature Cerakote
- Mount: 12x1LH thread (GSL Bi Lock Muzzle Brake included)

Note:

The GSL P90 suppressor is designed specifically to be used with the FN P90, PS90 and FNP90 platforms.

The GSL P90 suppressor is a full auto-rated, titanium suppressor that is built to handle rugged environments and hard use.

The P90 suppressor is a non-user serviceable suppressor.

P90 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 operations information. Your GSL P90 suppressor is a high performance tool designed to give you many years of reliable service.



- 1) GSL Technology P90 Suppressor
- 2) GSL Technology Bi-Lock QD Muzzle Brake Mount
- 3) Loctite 262 Package
- 4) P90 Suppressor Owner's Manual

Bullet Diameter Warning

GSL P90 suppressors are designed specifically to be .224". Smaller diameter bullets in pistol calibers may be used, but will not be optimized for the larger diameter of the P90 baffle/end cap combination.

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

P90 Suppressor Mounts

The GSL P90 Suppressor is designed specifically to be used with the FN P90, PS90 and FNP90 and is the most effective/efficient suppressor for those firearm platforms. Because of this, there is only one mount currently available for it, the GSL QD Bi-Lock 12x1LH Muzzle Brake. Because of the design of the P90 family of firearms, the barrel must be removed from the receiver in order to detach and attach muzzle devices. It is recommended that you have this done by a qualified gunsmith.

Mounting the P90 Suppressor on the FNPS90

- 1) Look through the suppressor in order to insure that there are no obstructions, damaged baffles or a damaged end cap. Shake the suppressor to insure that there is nothing loose in the suppressor. With an empty firearm, action open, and magazine removed, you are now ready to install your suppressor.
- 2) Place the suppressor on the front of the Bi-Lock suppressor mount and rotate the suppressor until the lugs on the flash hider align with the notches. This can happen in only one position.
- 3) After the lugs are aligned, press the suppressor down approximately 3/8" and rotate clockwise (looking from the muzzle end down) until it will not rotate further. This will be an approximate 1/4 turn (90°). You are compressing a spring so it will take about 15lbs of pressure. You will hear and feel the suppressor click into place as it is seated. The suppressor will pop back forward (away from the firearm) approximately 1/8" as it seats and locks into place.
- 4) Check to insure that the suppressor will not rotate after it is seated. Your suppressor is now both aligned with the bore and ready to be used.



Removing the P90 Suppressor from the QD Bi-Lock Suppressor Mount

To remove, reverse the steps outlined on page 6.

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.



Cleaning the P90 Suppressor

Cleaning the P90 suppressor is something that we don't recommend, it is designed to shoot tens of thousands of rounds through it without the need for cleaning. Shooting corrosive primed ammunition can cause damage to any metal surfaces including your barrel and suppressor, so using such ammunition is never recommended. If you choose to clean, do not use any products with ammonia in them or water, as these are items that can cause corrosion. The use of 0000 Steel wool or green ScotchBrite to remove any buildup on the outside of the flash hider/suppressor mount and the inner mating surfaces of the suppressor. There is no need to ever clean to the level of bright metal, it is a waste of time and energy. All you are trying to do is to keep these surfaces clean enough so that it is easy to mount and unmount the suppressor. Again, we do NOT recommend cleaning. **Cleaning debris can get into the chambers and possibly cause damage.**

GSL P90 Accessories

The GSL Technology P90 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.**

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

