



FAT MAN SUPPRESSOR

Owner's Manual

REVISED OCTOBER 2023

Address
5800 Enterprise Dr.
Jackson, MI 49201
PHONE
517-780-9090



TABLE OF CONTENTS

Introduction.....	3
Specifications/Notes.....	4
Unboxing.....	5
Fat Man Suppressor Mount.....	6
Mounting the Suppressor on the 3-Lug (Tri-Lug) Equipped Barrel.....	7
Removing the Suppressor on the 3-Lug (Tri-Lug) Equipped Barrel.....	8
Removing the Suppressor Mount from the Fat Man Suppressor Body.....	8
Assembly of a Suppressor Mount on the Fat Man Suppressor Body.....	9
Cleaning.....	10
GSL Fat Man Accessories.....	11
Warranty Information.....	12
Manufacturer's Disclaimer.....	12
Suppressor Records.....	13
Rifles and Loads.....	14
Warnings.....	15

Thank You for Purchasing the GSL Fat Man 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!



Fat Man Specifications

- Caliber: .380ACP, 9mm, .38Spl rifles, .357Mag rifles
- Sound Reduction: 34 dB
- Length: 5.875" (includes mount)
- Diameter: 2"
- Weight (with mount): 11oz
- Materials: Aluminum/Stainless
- Finish: Hard Coat Anodize
- Mount: Multiple (HK 3-Lug (standard), direct thread: 1/2x28, 1/2x36, 5/8x 24, 9/16x 24, Scorpion 18mm. UZI FS)

Notes

The GSL Fat Man suppressor is a full auto-rated, aircraft grade aluminum suppressor that is built to handle your favorite HK MP5 or 3-Lug Barrel submachine guns, PCC or similar firearms chambered in 9mm (or smaller). The Fat Man is an "Entry Suppressor" designed for LEO and Military teams for room clearing and other tighter, enclosed environments (like ship boarding). It is more compact than the ultra-quiet GSL Phoenix suppressor which has a dB reduction of 40dB vs The Fat Man which is rated at 34dB reduction. The Fat Man suppressor is also perfect for backyard plinking with your AR platform pistol in 9mm or smaller, or similar Pistol Caliber Carbines in 9mm or smaller.

When using the HK 3-Lug (3-Lug) style mount, the knurled thread protectors sometimes found on the barrels utilizing this system will often not clear the mount, therefore we recommend a smooth thread protector. GSL manufactures thread protectors that will work in conjunction with this mount and they are available on our website (gsltechnology.com). **Never shoot with the Fat Man mounted on a 3-Lug without a smooth thread protector installed.**

The Fat Man suppressor is a non-user serviceable suppressor. The mount has a copper-colored anti seize compound applied to the threads on the mount/suppressor body interface.

The Fat Man suppressor is optimized for use with the 9mm subsonic round in mind, however, rifles chambered in .38Spl or .357Mag can also be used with this suppressor. The sound signature will be louder with .357Mag loads as they are typically only offered in supersonic loadings. Some .38Spl loads may be subsonic (such as typically found in 148gr wadcutter loads) and may be extremely quiet, others may be transonic and the sound of the bullet breaking the sound barrier will be the largest sound signature with the Fat Man suppressor installed.



Fat Man 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 Fat Man Suppressor is a high-performance tool designed to give you many years of reliable service.



1. GSL Technology Fat Man Suppressor
2. Suppressor mount (various-attached at the factory)
3. Fat Man Suppressor Owner's Manual

Fat Man Suppressor Mounts

The GSL Fat Man suppressor is available equipped with a variety of mounts. Because the Fat Man is designed to be adaptable to a number of PCCs, AR-style pistols (and similar arm-braced pistols), and pistol caliber rifles of various configurations, individual mounts to fit each of these firearms have been manufactured and are available. The widespread use of HK MP5's (and clones) and other guns with the HK 3-Lug/3-Lug barrel mounting system makes this type of system one of the most popular mounts for the Fat Man. This is shown in the first picture below. Notice the 3 nodes on the mount.

The other most popular mount is one of the various direct thread mounts (1/2x28, 1/2x32, 1/2x36, 5/8x24, 9/16x24, Scorpion 18mm, UZI FS, 13.5x1LH MPX). BE AWARE, JUST BECAUSE A Fat Man Suppressor CAN BE THREADED TO A BARREL DOES NOT MEAN IT CAN BE SAFELY USED ON THAT FIREARM. Look at page 5 of this manual for more information on bullet diameter and other chambering warnings.

The last illustration shows the Fat Man with a mount removed from the body of the suppressor.



Mounting the Fat Man Suppressor on the 3-Lug (Tri-Lug) Equipped Barrel

- 1) Look through the suppressor to ensure that there are no obstructions, damaged baffles or a damaged end cap. Shake the suppressor to ensure 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 3-Lug and rotate the suppressor until the lugs on the flash hider align with the notches. This can happen in 3 positions position. With experimentation, one of the three possible positions may demonstrate the best POA/POI shift so noting the orientation will allow you attain a repeatable POA/POI shift and therefore the rifle can be doped for shooting both with, and without the suppressor being in place.
- 3) After the lugs are aligned, press the suppressor down approximately $\frac{3}{8}$ " and rotate clockwise (looking from the muzzle end down) until it will not rotate further. This will be an approximate $\frac{1}{2}$ turn. 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 $\frac{1}{8}$ " as it seats and locks into place.
- 4) Check to ensure 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 Fat Man Suppressor from 3-Lug Barrels

To remove, reverse the steps outlined on page 8.

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.



Removal of A Suppressor Mount on the Fat Man Suppressor

The Fat Man suppressor is designed as a non-user-serviceable device, however, if you choose to replace the suppressor mount yourself, it is possible. Alternatively, you may arrange to return your suppressor to GSL to have this done. Please contact GSL if this is something that you would desire to have done. To remove the factory mounted suppressor mount from the body of your Fat Man suppressor, you will need to order the correct mount for your firearm through the GSL website or via a phone call.

Once the mount has been removed, examine the suppressor for any damage. Note, there is a notch in the initial baffle that has been machined out. This is not damage, it is in fact, part of the design. Unless damage is suspected, there is no need to make any effort to clean the interior of the suppressor.



Assembly of a Suppressor Mount on the Fat Man Suppressor

- 1) With the mount that will fit your firearm, inspect the threads on both the mount and suppressor, and make sure that they are clean and free of any debris. Confirm that the O ring on the mount is not damaged (nicked, split or cracked).
- 2) Carefully line up the mount to the threads of the suppressor body and note that the O ring will provide some resistance when you are putting the two components together. Add anti-seize compound to the threads.
- 3) After inserting, rotate the mount counterclockwise while putting a VERY slight amount of pressure inward in order to ensure that the starter threads are aligned. **BE CAREFUL NOT TO CROSS THREAD.**
- 4) 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 mount is firmly in place and fully seated against the suppressor body. Periodically check to ensure that the mount and the suppressor body are snug.



Cleaning the Fat Man Suppressor

Cleaning the Fat Man 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 the area exposed with the mount removed, 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 is all that you need. Do not use a steel or metal bristled brush. There is no need to ever clean to the level of bright metal, it is a waste of time and energy. Again, we do NOT recommend cleaning. Cleaning debris can get into the chambers and possibly cause damage.

- 1) Clean the outer threads on the mount with 0000 wool or ScotchBrite
- 2) Clean the inner threads on the suppressor body with 0000 wool or ScotchBrite
- 3) Wipe off and/or blow off the suppressor mount and the suppressor body to insure no debris remains on the threads or in the suppressor body.
- 4) Re-assemble the mount to the suppressor body and firmly tighten. There should be no gap between the mount and the suppressor body.



GSL Fat Man Accessories

The GSL Technology Fat Man 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.

Mounts

- 1) 1/2 x 28
- 2) 1/2 x 32
- 3) 1/2 x 36
- 4) Scorpion 18 x 1
- 5) Uzi mount
- 6) 5/8 x 24
- 7) 13.5 x 1LH MPX
- 8) 9/16x24
- 9) 3-Lug (Standard)



Warranty Information

GSL Technology, Inc. has an unconditional, no BS lifetime warranty. If for any reason you have an issue with a GSL Technology product, product, we will repair it free of charge. We cannot warranty any product that has been altered in any way.

Damaged Suppressor

If your suppressor is damaged or obstructed it may not properly operate and create significant risk of injury or death. Any and all such damage should be reported to an armorer familiar with this suppressor and the weapon system, or it should be returned with a copy of your form 4 or for dealers/SOTs form 3's and a letter stating that it is coming back for repair and what needs to be done to GSL Technology, Inc. There is no need to go through a Class 3 FFL/SOT as you are sending it directly back to the manufacturer for repairs. For more information, contact GSL Technology, Inc at:
warranty@gsltechnology.com.

Manufacturer's Disclaimer

GSL Technology, Inc. manufactures all suppressors with the highest quality and technical standards in the industry. Improper usage of this product by any user, may result in serious injury or death to the user or third parties. Therefore, it is the user's responsibility to understand this product and the weapon system used in conjunction with it. If you do not understand the instructions in this manual, please contact GSL Technology for further clarification or go to 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, damage to the weapon 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: www.gsltechnology.com



Fat Man Suppressor Records

Please register your suppressor with GSL Technology, Inc. so that we may notify you of any updates or new product information.

Your suppressor has a lifetime warranty. Fill out the following personal suppressor record for future reference:

Owner Name

Suppressor Model:

Serial Number:

(Located on the body of the suppressor)

Retailer Purchased at:

Purchase Date: _____

Rifles and Loads

Your Fat Man suppressor is designed to be used for multiple rifles, rifle chamberings and loads.

Therefore, documenting your preferred rifle and load for use with your suppressor will allow you to remember what load that rifle shoots best with the Multi Cal installed.

Rifle _____ Chambering _____ POA/POI Shift at
100yds _____
Windage adjustment _____ Elevation adjustment _____
Best load: Manufacturer _____ Bullet weight _____
Bullet type _____ Powder type _____ Charge weight _____
Cartridge overall length _____

Rifle _____ Chambering _____ POA/POI Shift at
100yds _____
Windage adjustment _____ Elevation adjustment _____
Best load: Manufacturer _____ Bullet weight _____
Bullet type _____
Powder type _____ Charge weight _____
Cartridge overall length _____

Rifle _____ POA/POI Shift at
100yds _____
Windage adjustment _____ Elevation adjustment _____
Best load: Manufacturer _____ Bullet weight _____ Bullet type

Powder type _____ Charge weight _____
Cartridge overall length _____

Warnings

Read the Owner/Operator manual in its entirety before using the suppressor. Failure to follow 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 an unintentional discharge, causing injury or death.

Bullet Diameter Warning

GSL Fat Man Suppressors have the following limitations. Generally, rounds from .355" to .357" are recommended (.380ACP .357Mag) are recommended. Smaller diameter bullets in pistol calibers may be used, but will not be optimized for the larger diameter of the Fat Man. For best performance shooting 9mm 147 gr subsonic rounds should be used. **DOUBLE CHECK YOUR CHAMBERING** prior to attaching the GSL Fat Man Suppressor to your firearm.

Burn Warning

Allow the suppressor to cool to ambient temperature before removal, service and/or storage. The outside surface temperature of this suppressor may greatly exceed 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

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 that the user would not want to destroy or kill.

Sonic Crack Warning

This suppressor will NOT protect the shooter or those in close proximity to the firearm, from hearing damage when, and if, the projectile exceeds the speed of sound (in dry air at 68 F (20 C), the speed of sound is about 1,125 ft/sec (343 meters/sec). Therefore, proper hearing (and eye) protection should be worn at all times when using firearms.

Suppressed firing can appear that the bullet has reduced power. THIS IS NOT CORRECT. Treat the firearm as you should normally be treating a weapon that is unsuppressed. All firearms safety rules still apply to suppressed weapons.



**QUESTIONS?
CONTACT US.**

Jackson, Michigan
517-780-9090

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

