



GT-450 BUSHMASTER

Owner's Manual

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Thank You for Purchasing the GT-450 Bushmaster!

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!



GT-450 Bushmaster Specifications

- Caliber: .450 Bushmaster
- Sound Reduction: 27 dB
- Length: 8.8" (includes mount)
- Diameter: 1.5"
- Weight 18 oz
- Materials: Titanium
- Finish: High Temperature Cerakote
- Mount: 11/16-24-24 Class 2 Direct Thread Patented Retainer

Notes:

The GSL GT-450 Bushmaster suppressor is a non-user serviceable suppressor.

The GT-450 Bushmaster is available in Hydro Dip patterns. (Not to be used on cans subject to temperatures that will exceed 250 degrees F)

The GT-450 Bushmaster comes standard with a built in GSL patented suppressor retention system to prevent the suppressor from backing off during operation.

GT-450 Bushmaster 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 GT-450 Bushmaster Suppressor is a high performance tool designed to give you many years of reliable service.



- 1) GSL Technology GT-450 Bushmaster Suppressor
- 2) GT-450 Bushmaster Suppressor Owner's Manual

Bullet Diameter Warning

GSL GT-450 Bushmaster Suppressors are designed specifically with the .450 Bushmaster bullet which is .452" diameter. **Never use a bullet that exceeds the diameter of the cartridge for which your GT-450 Bushmaster was designed for.**

Smaller diameter bullets may be used, but will not be optimized for the larger diameter of the GT-450 Bushmaster baffle/end cap combination.

DOUBLE CHECK YOUR CHAMBERING prior to attaching the GT-450 Bushmaster Suppressor to your firearm.

Cleaning the GT-450 Bushmaster Suppressor

Cleaning the GT-450 Bushmaster 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. **Again, we do NOT recommend cleaning. Cleaning debris can get into the chambers and possibly cause damage.**

GT-450 Bushmaster Accessories

The GSL Technology GT-450 Bushmaster 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 gsstechnology.com. A factory option would be the Hydro Dip finish. Please contact us for a quote.



Mounting the GT-450 Bushmaster Suppressor

- 1) 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.

Best performance will be achieved when used with subsonic ammunition or bullets traveling at speeds of 1050fps or slower (under standard environmental conditions).



Removing the GT-450 Bushmaster Suppressor

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.

If your suppressor is Hydro Dipped, do not shoot at a rate in which your suppressor will exceed 250 degrees F. High temperatures can and will degrade the finish/color of the Hydro Dipped finish.

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.**

