

CGS MOD 9X SUPPRESSOR MANUAL

Before using this product, please take a moment to read and understand this manual. If you have any questions, please feel free to call us at any time!



PRODUCT FEATURES

- Serial number located on the piston housing.
- Uses special cut pistons to reduce first round pop.
- Twelve points of secure piston engagement allows users to easily adjust point of impact shift on different host firearms.
- Comes with a 1/2x28 TPI piston for compatibility with common hosts. Additional pistons with threads such as M13.5x1LH, 1/2X32, 1/2x36, and 5/8x24 are available for purchase.
- Easy to remove extension core allow for quick user adjustment of sound reduction and size.

PRODUCT SPECIFICATIONS

- Caliber – 9mm
- Length – 7.7”
- Diameter – 1.375”
- Weight – 9oz

MATERIAL SPECIFICATIONS

- Cores – Grade 5 Titanium
- Piston Assembly – 4140 Steel
- Finishes – Type III Mil Spec Hardcoat Anodized Aluminum, Black PVD Titanium, and Black Nitride Steel

Prior to use, ensure all threaded junctions are properly shouldered against their corresponding surfaces and tightly secured. Ensure that the shaft of the piston as well as the O-ring in the rear cap are lubricated for reliable operation.

INSTALLATION

1. Remove the magazine from the firearm, then visually and manually check and clear the action and chamber of the firearm. Make sure the host firearm is unloaded at all times.
2. Check the barrel threads to ensure they are clean and free of debris.
3. Thread the silencer clockwise onto the barrel threads, being careful not to cross thread them. M13.5x1LH pistons need to be threaded on counterclockwise to install.
4. Thread the silencer on until hand tight and secure against the shoulder of the barrel. Depending on the length of the host firearm barrel threads, 1/2x28 TPI pistons will shoulder on either the shoulder behind the threads or the shoulder on the muzzle.
5. Visually inspect, from the side and never in front of the firearm, that the suppressor is mounted straight to the centerline of the bore. Ensure that it is not tilted or canted in any way, and that it is fully shouldered and secure on the barrel.

NOTE:

If the suppressor appears to be misaligned, stop the installation process and contact CGS.

Use of the suppressor if not properly mounted will cause damage to the suppressor and firearm and could cause injury to the shooter.

ADJUSTING POINT OF IMPACT

There are 12 piston engagement points for adjusting point of impact (POI) shift for various host firearms.

1. Make sure the firearm is unloaded before making any adjustments to the suppressor.
2. Remove the magazine from the firearm, then visually and manually check and clear the action and chamber of the firearm.
3. **CAUTION!** Make sure the suppressor is not hot before proceeding to the next steps.
4. With the suppressor mounted on the firearm, grasp the suppressor in one hand while holding the firearm firmly with the other hand.
5. With muzzle pointed in a safe direction, pull the suppressor away from the firearm. There will be mild resistance from the piston spring and then you will be able to freely rotate the suppressor body around the piston.
6. Always rotate the suppressor clockwise to ensure you do not loosen any of the threads. Rotate counterclockwise in the case of pistons threaded M13.5x1LH
7. Rotate the suppressor 30 degrees and release, you will feel the suppressor lock back into engagement with the piston. If the suppressor does not immediately lock back into position when released, continue to rotate the suppressor clockwise until it does.

NOTE:

The amount of POI shift for each adjustment will vary depending on the ammunition and host firearm used, CGS recommends test firing after each adjustment.

Repeat steps 1 through 7 until the desired POI is achieved.

REMOVAL

CAUTION! Do not attempt to remove the suppressor if it is hot.

1. Check to make sure the firearm is safe and unloaded.
2. Rotate the suppressor counterclockwise until it has been removed from the muzzle of the weapon. Rotate clockwise in the case of pistons threaded M13.5x1LH.

DISASSEMBLY

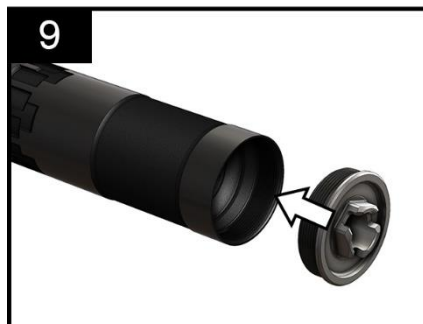
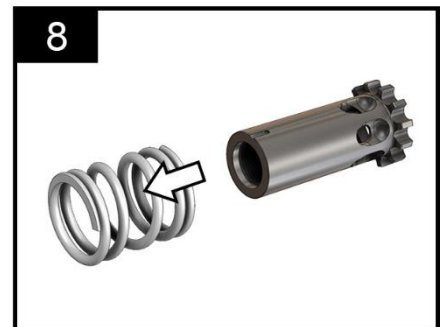
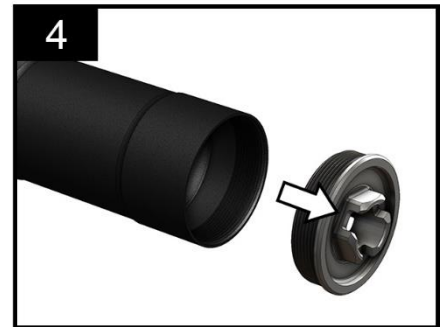
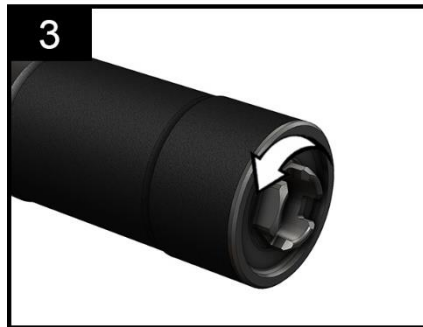
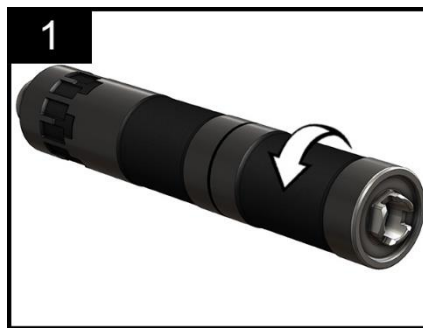
1. With the suppressor removed from the firearm, unscrew the extension core counter-clockwise. (Images 1-2)
2. Using a 5/8" wrench, unscrew the front cap counter-clockwise. (Images 3-4)
3. Using a 1" wrench or socket, unscrew the rear cap counter-clockwise and remove from the rear of the silencer. (Images 5-6)
4. Pull the rear cap and spring off the piston. (Image 7-8)

The suppressor is now completely disassembled and ready for cleaning.

NOTE:

Prior to cleaning rear cap by chemical means or by using a soda blaster, remove the O-ring from the groove in the inner diameter using a dental pick and install and lubricate a new O-ring after cleaning is complete. O-rings are recommended to be replaced each time the suppressor is cleaned, or when otherwise worn.

Rear Cap O-Ring: Part # 1201T29



SHORT SILENCER ASSEMBLY

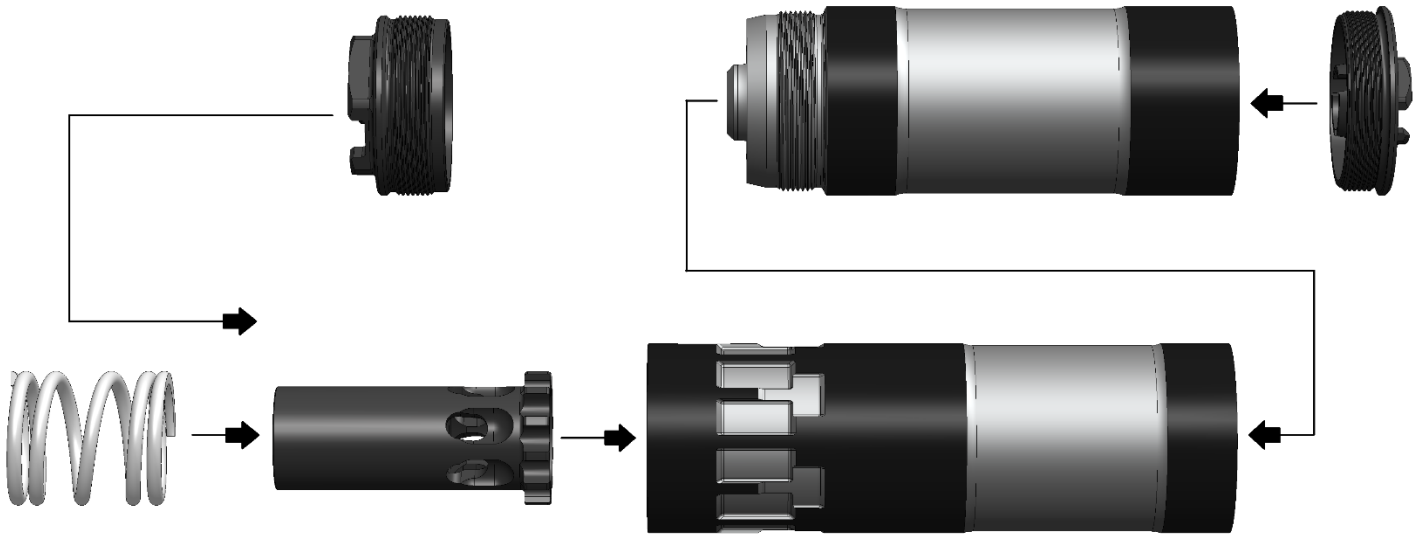
1. Follow the previous disassembly instructions for STEP 1. (Images 1-2)
2. Remove the front cap from the extension as in the previous STEP 2. (Images 3-4)
3. Thread the front cap into the MAIN CORE **without** the extension core installed. (Images 9-10)

REASSEMBLY

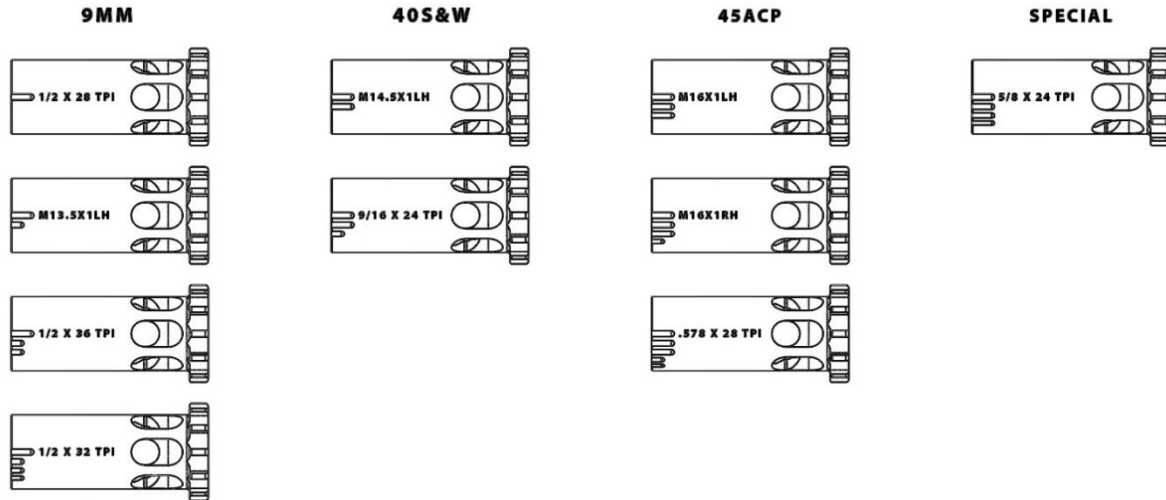
1. Reverse steps 1-8, thread clockwise to tighten.

NOTE:

There should be no visible threads when the suppressor is correctly assembled. Prior to reassembly, ensure all tapers, joints, and seating surfaces are free of debris. This will ensure a good seal.



CGS SUPPRESSORS LLC MOD 9/KRAKEN/NAUTILUS PISTONS



DESCRIPTION: Pistons for the KRAKEN/NAUTILUS series silencers allow the user to attach the silencer to any firearm that has barrel threads matching the piston threads. The Kraken has 12 index points for the piston (for adjusting point of impact shift) and has special porting on the piston to help limit first round pop. The piston system on the Kraken works so that at any point in the recoil cycle, 6 of 12 spokes are always keeping the piston aligned while the other 6 are sliding over the ports in the housing. This piston system is also self aligning and the piston itself has a very positive spoke lock to the housing.

MOD 9/KRAKEN/NAUTILUS PISTON SPECS

OVERALL LENGTH
2"

WEIGHT
1.3 OUNCES (+/- .2 OZ)

DIAMETER
1"

MATERIALS
17-4PH STAINLESS STEEL (NITRIDED)
RUBBER O-RINGS (METRIC ONLY - INTERNAL)



EXPORT OF THIS PRODUCT IS STRICTLY PROHIBITED WITHOUT A VALID EXPORT LICENSE ISSUED BY THE US DEPARTMENT OF STATE, OFFICE OF DEFENSE TRADE CONTROLS PRESCRIBED IN THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) TITLE 22, CFR, PARTS 120-130.

MAINTENANCE

1. It is recommended that the suppressor be disassembled and cleaned at intervals of 500-1000 rounds depending on the ammunition being used.
2. With the suppressor removed from the firearm and completely disassembled, CGS recommends the use of CAT 206 for the best cleaning performance of **titanium** components. For titanium components, an ultrasonic cleaner may be used in lieu of CAT 206. Never use CAT 206 in an ultrasonic cleaner and never use CAT 206 on steel or aluminum as severe damage will occur.
3. If you have trouble removing any part of the suppressor, soak the part in solvent to release the carbon build up.
4. Do not use a bore patch or jag to clean the suppressor.
5. After cleaning a light coat of oil should be applied to threads, and lubricant should be added to the piston shaft before reassembly.

WARNINGS AND DISCLAIMERS

- Always practice the basic rules of firearms safety when using the suppressor.
- Silencers may loosen during firing. It is important that you frequently verify that your suppressor is securely tightened during use. It is recommended that you check for tightness every 30 rounds and use gloves or another barrier to ensure you are not burned.
- **CGS** is not responsible or liable for damages or injuries resulting from the improper use of this product; it is the user's responsibility to read and completely understand the instructions in this manual before using this product.

AMMUNITION RECOMMENDATIONS

- The MOD 9 was designed for semi auto firing of SAMMI 9mm Luger ammunition only. Contact **CGS** regarding other types of ammunition.
- We recommend the use of high quality factory loaded ammunition with this product for best sound performance, accuracy, and reliability.
- Suppressors are designed to attenuate the muzzle blast of a firearm, but they do not alter or suppress the sonic crack caused by supersonic projectiles as they break the sound barrier. For best sound suppression we recommend the use of subsonic ammunition. For 9mm this is commonly 147gr, 158gr, and 165gr.

WARRANTY

Subject to restrictions, CGS warrants this suppressor to be free from any manufacturing defects for life. In the unlikely event that you received a defective product, **CGS** will repair or replace the suppressor; it is at the discretion of CGS to determine if a particular defect or condition is covered by this warranty.

If a repair is necessary, please contact CGS at **575-736-2474** for a CGS representative to make arrangements for the proper and legal return of the product.

Please do not ship anything to CGS without first contacting CGS.

CGS Group, LLC

Customer Service

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