

Liberty Suppressors

www.libertycans.net

Specification Sheet for Center Fire Rifle Suppressor

Model name: Amendment

Caliber: 7.62x51mm, .308 Winchester, 7.62x39mm, 5.56x45mm

Weight: 16oz.

Length / Diameter: 7.38 x 1.62"

Material: Titanium / alloy steel

Finish: Type 'C' Cerakote / black nitride

Attachment: $\frac{5}{8}$ -24 direct thread

Approximate dB Reduction: 28.5dB

Description: Hard use, all purpose .30 cal rifle silencer. The nitride coated, alloy steel core provides very high strength, wear resistance and heat resistance against rifle rounds, even on shorter barrels. The Amendment is a take apart silencer, and its removable titanium outer tube is light enough to keep the weight down even though the core is engineered to be extremely tough. Rated for various .30 cal rounds, plus the standard 5.56 / .223 use (thread adapter sold separately) makes this a very versatile, hard use type rifle silencer.

LIBERTY SUPPRESSORS

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Constitution & Amendment disassembly / cleaning instructions

First, remove the suppressor from the weapon. This step isn't absolutely needed, as the tube comes off the front and the can is able to be serviced even while the core is attached. So if you've used a strong threadlocker or otherwise permanently attached the core, you can clean it on the host weapon as long as you verify that it is clear. We recommend removing the bolt / carrier as well.

Next, remove the tube from the core. If you clean it often then this should come off relatively easily, but if not, then you can use a penetrating oil (such as Kroil) to loosen up the carbon that's locking the silencer closed. The tube threads on clockwise, so unscrew it by rotating it counter-clockwise (left hand). You can use a strap wrench to assist you here if needed, but do not, under any circumstances, use channel locks, vice grips, or any other such tools. For clarification on what is and is not acceptable, please contact our support team using the phone number or email address above.

Cleaning the core can be done with normal solvents, or ultrasonic cleaners. Do note that the core is 4140 carbon steel, so if you damage the finish too much with any cleaning technique, that part of the core will be subject to rust.

Reassemble by threading the tube back onto the core. The user may also apply some anti-seize or other lubricant to the parts to prevent galling of the threaded surfaces.

Lastly, disassembly and cleaning is not really needed for most rifle use (excluding 22lr of course), and the take apart feature on these is just an inherent part of the design. So if you choose to simply install it and forget it, that's acceptable and your silencer will still be under warranty. The instructions here are just to explain how to disassemble and clean your silencer, if you so choose.

Thank you for choosing Liberty Suppressors!

- **The Liberty Team**