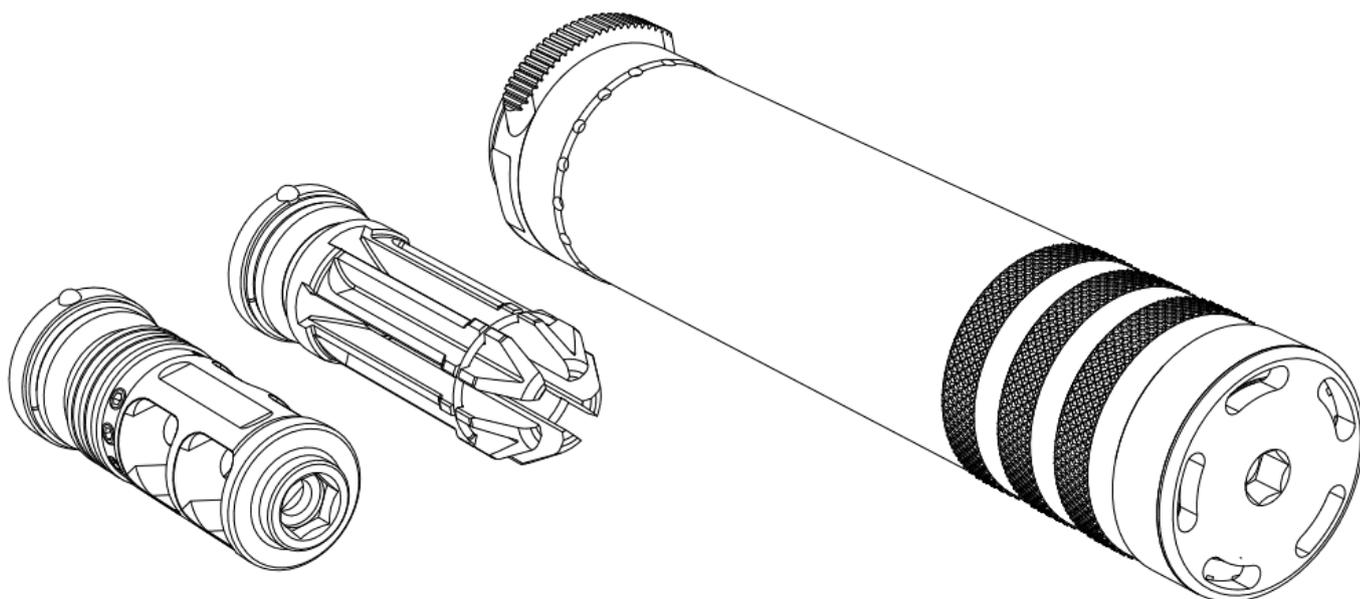


Silent Still quick detach low pressure suppressors

QD 556 / QD 762

OPERATING MANUAL



1. Description

Silent Still QD 556 and QD 762 Suppressors are designed for automatic and semi-automatic rifles. Suppressors are equipped with our muzzle devices. The benefits of our suppressors:

- Light design;
- The shooter can operate comfortably in full or semi-automatic mode without contaminating the weapon with excess carbon and with no increase of weapon wear;
- The QD system is modular and allows you to disassemble the suppressor for cleaning, repairs and replacements of functional elements;
- Thanks to our patented mounting system, the suppressor can be attached to the weapon with one move in just 2 seconds. It can also be quickly detached.

Problems of Using Closed Suppressors:

- Increase in bolt velocity;
- Increase in cycle rate of full automatic fire;
- Back pressure – excess gas from the chamber hit the shooter in the face and eyes.

Thanks to our design, these problems have been resolved.

Depending on the task the operator can use two types of heat-absorbing fillers in the suppressor. Those are aluminum foam, steel mesh or a combination of two. Also, the operator can optionally change the outer tube of the suppressor. There are 2 different types: heat-resistant aluminum or heat-resistant stainless steel.

ATTENTION!!! If you need to use weapon predominantly in automatic mode, you must use an outer tube and fillers made of heat-resistant stainless steel.

Aluminum tube and aluminum foam can still be used with full auto weapons, but only if you do not shoot more than 100 rounds non-stop. After 100 rounds, the suppressor should cool down for 15 minutes. For rapid cooling, it is allowed to pour water on it or dip the suppressor into the water.

ATTENTION!!! The suppressor has a very high temperature after use. Do not touch it or lean it against plastic parts, backpacks, bags and other products made of synthetic fabrics. Those products can melt. Wooden parts, paper or cardboard can also be charred from contact with the hot suppressor.

Technical features	QD 762 UL		QD 556 UL	
	metric	inch	metric	inch
Caliber	7.62	0.308	5.56	0.223
Weight	416 g	14.7 oz	403 g	14.2 oz
Overall length	208,5	8.2	189.5	7.5
Added length to weapon	199,5	7.9	180.5	7.1
Diameter	43	1.7	43	1.7
Net sound suppression	-27 db		-29 db	
	QD 762 HD		QD 556 HD	
Caliber	7.62	0.308	5.56	0.223
Weight	730.7 g	25.8 oz	698 g	24.6 oz
Overall length	208,5	8.2	189.5	7.5
Added length to weapon	199.5	7.9	180.5	7.1
Diameter	43	1.7	43	1.7
Net sound suppression	-27 db		-29 db	
	Flash hider		Muzzle brake	
Weight	155 g	5.5 oz	130 g	4.6 oz
Length	82	3.2	73	2.9
Diameter	29	1.14	29	1.14

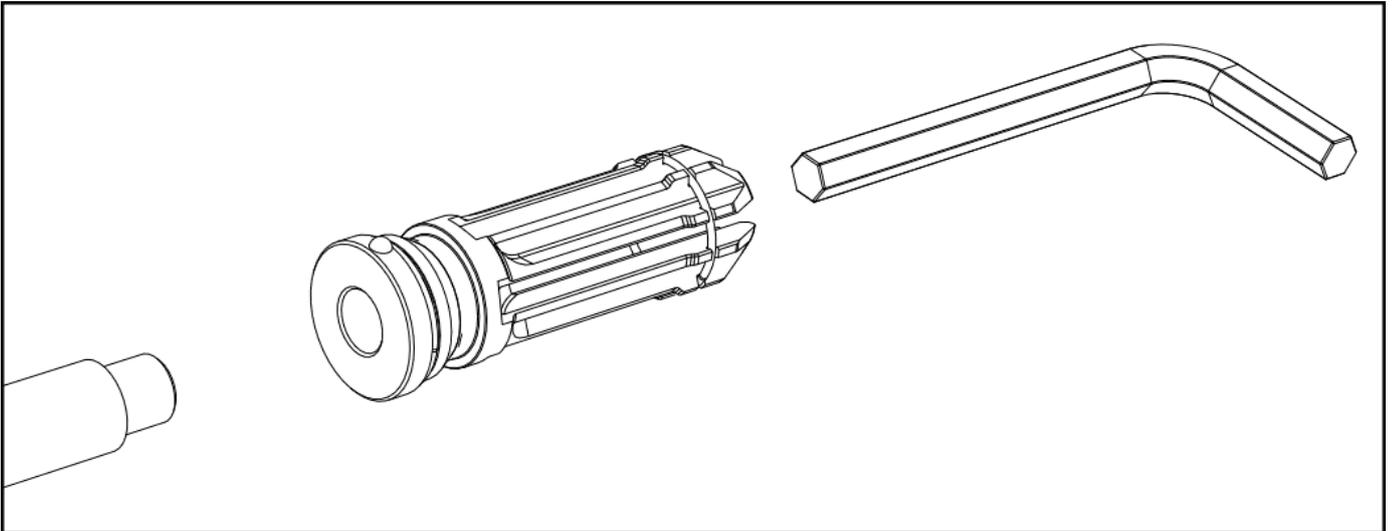
UL Suppressors with aluminum tube and aluminum foam

HD Suppressors with outer tube and fillers made of heat-resistant stainless steel

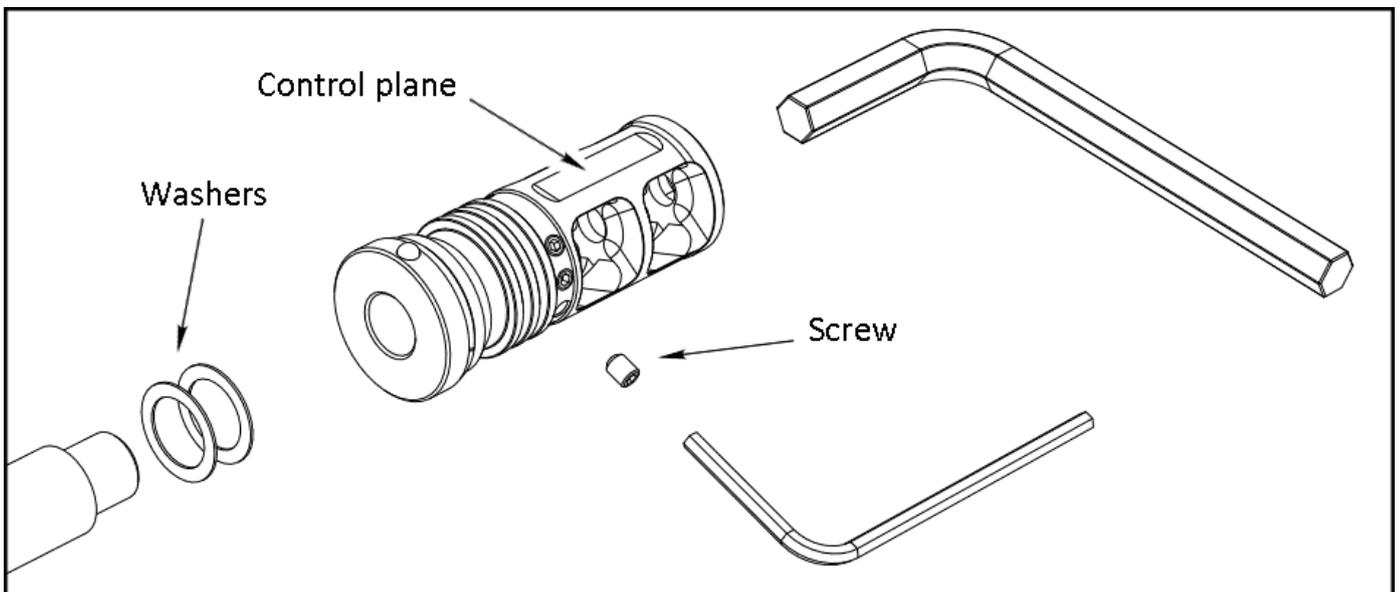
2. Operating

2.1 Attaching muzzle devices

2.1.1 Install the flash hider. Use an Allen key to lock the flash hider.



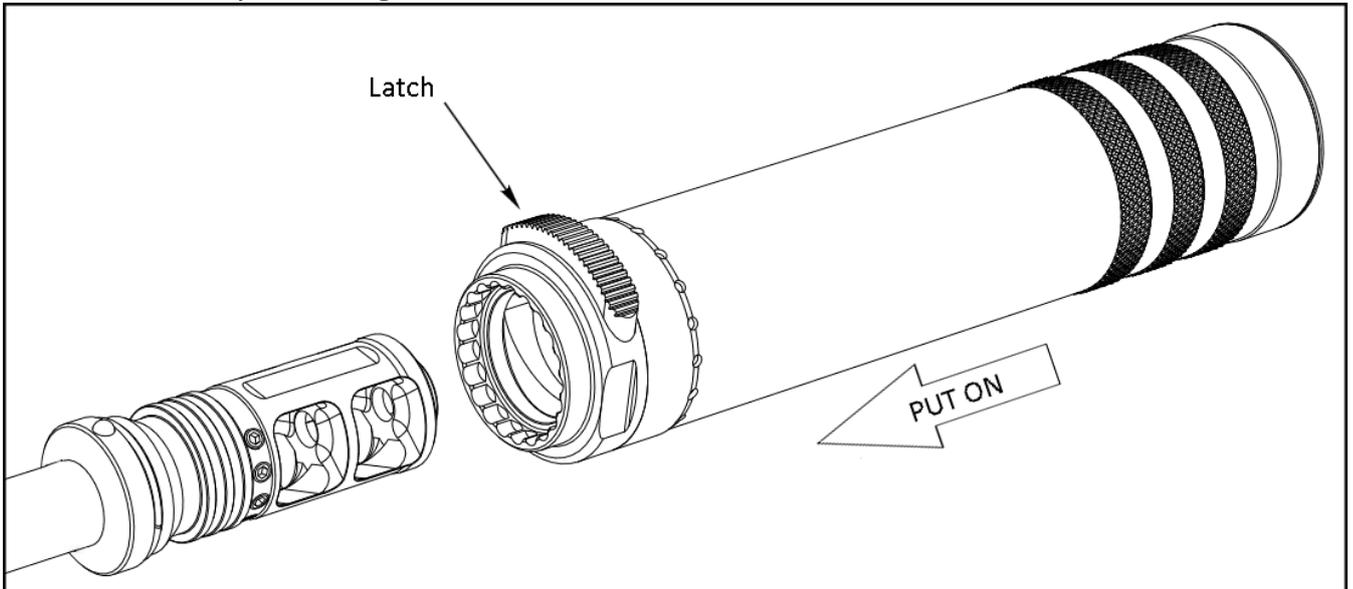
2.1.2 Install the muzzle brake. Attention! Use the washers to ensure that the control plane is positioned at the top after installation! Use an Allen key to lock the muzzle brake. After installation, test fire the weapon. If there is any significant muzzle rise/movement, adjust the flash hider by unscrewing the screws on the opposite side of the direction of muzzle movement.



2.2 Suppressor attachment and detachment

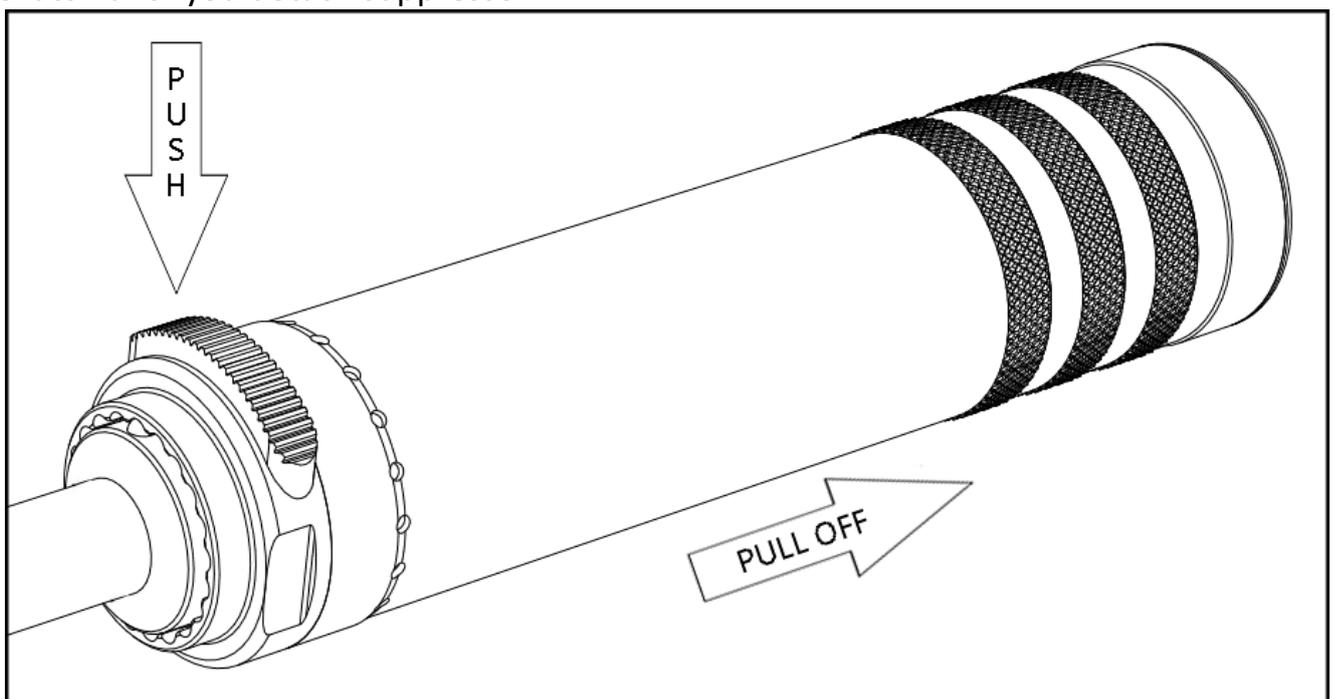
To attach the suppressor, insert the muzzle device into the receiving window and pull the suppressor until it clicks. After suppressor is attached, the latch should be a few millimeters above the outer tube.

Thanks to our design, you can attach the suppressor even in low/no-light conditions. If you need to attach the suppressor without making any sound: hold the latch with your finger and release it after completely placing the suppressor on the muzzle device. Fixation can be checked by touching the latch lift.



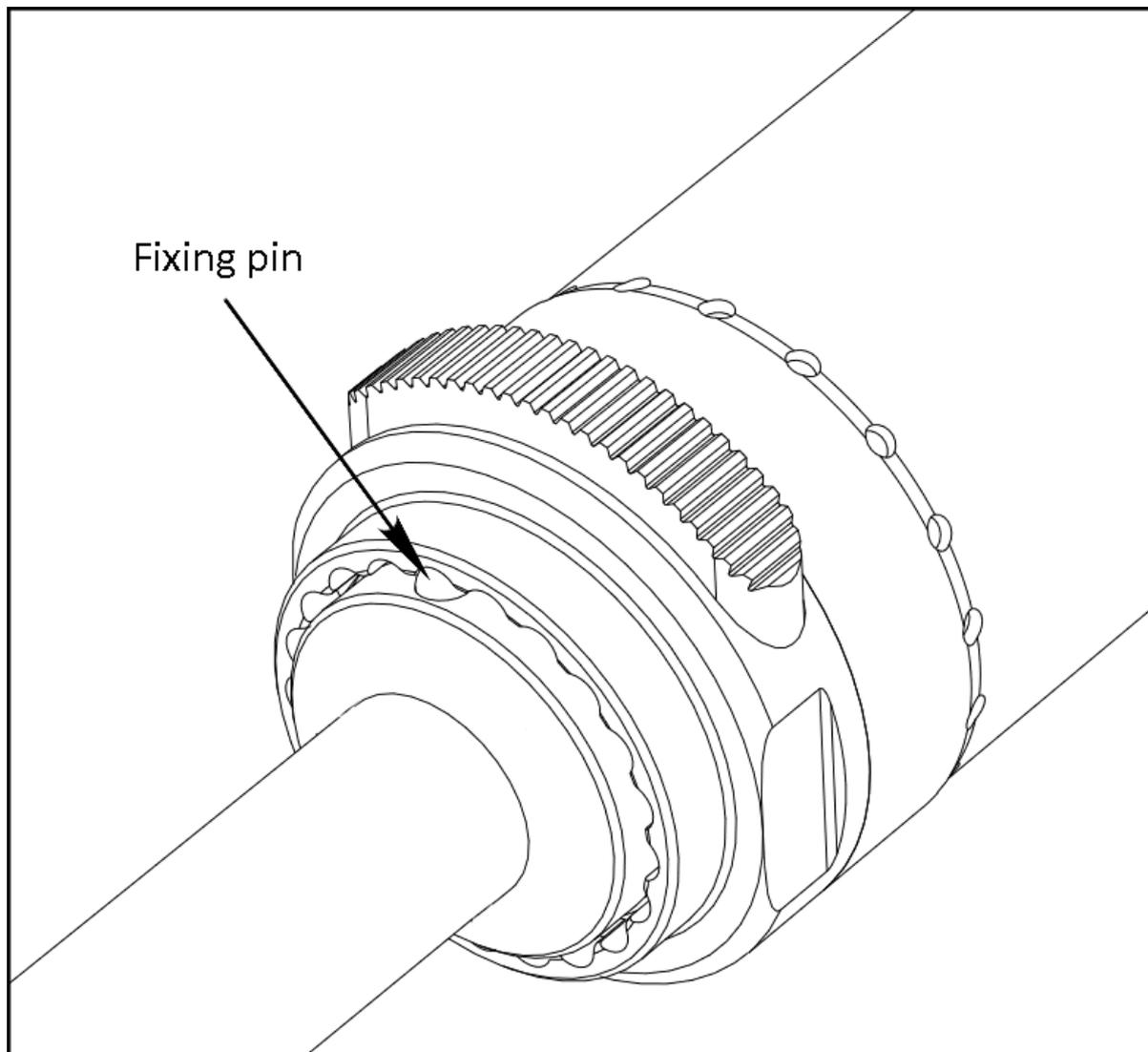
ATTENTION!!! Try pulling the suppressor forward to check the attachment. Normal fixation will not allow the suppressor to move forward or rotate around the barrel.

If you need to detach the suppressor: push the latch and pull off the suppressor. Hold the latch until you detach suppressor.



2.3 Tuning impact point

After attaching the flash-hider or muzzle brake, check the zero of your weapon for a new impact point. All muzzle devices of Silent Still QD Series have special pin for fixing the suppressor in exactly the same position you installed it. The rear side of the suppressor has 21 holes for the fixing pin.



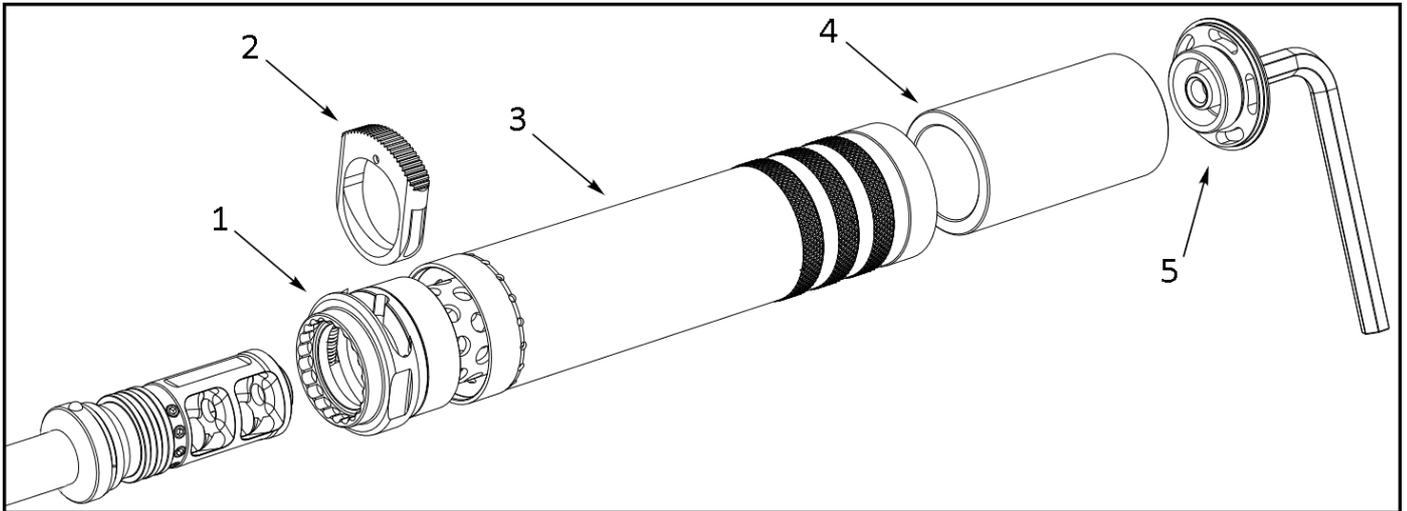
Use the holes to find the optimal position of the suppressor, so the impact point with the attached suppressor will be as close as possible to the impact point without it. For example, start when the latch looks up, shot 2-3 control rounds, detach the suppressor and move it to the next hole clockwise. To speed up the adjustment, you can rotate the suppressor immediately by 90 degrees.

Typically, impact point with the attached suppressor is located slightly lower than without it. You need to find a hole so these impact points will be as close as possible.

For weapons with a barrel length of 8-10 inches these impact points may coincide. For longer barrels the impact point will be slightly lower.

Now by attaching the suppressor to the correct hole, you always know where the impact point will be.

3. Service



1 – rear nut with separator; 2 – latch; 3 – tube; 4 – filter; 5 – front cap

The resource of our suppressors is 10.000 rounds.

For the correct operation of the suppressor during its lifetime, it is necessary to perform quick cleaning without disassembly. For quick cleaning, you can use any carburetor cleaner, spraying it into the receiving window of the suppressor for 10-20 seconds. After 1-2 minutes the procedure should be repeated and then suppressor must be rinsed with water. The same procedure is used to clean the suppressor latch through the hole in the housing under the latch.

Another great way to clean suppressor without disassembly is ultrasonic cleaning. Cleaning is carried out in a solution of water and 10-15% isopropyl alcohol for 30-45 minutes.

The recommended cleaning interval is 300-500 rounds. The quality of the gunpowder and the length of the barrel determine the amount of carbon buildup in the suppressor.

ATTENTION!!! If suppressor was not cleaned after shooting over 1000 rounds, the backpressure will increase. The influence of carbon on the suppression and flash reduction is minimal.