



Liberty Suppressors, LLC
113 Gunsmoke Trail
Trenton, GA 30752-5156
Phone: 706-661-6911
FAX: 706-229-6400
info@libertycans.net
www.Libertycans.net

Regulator Cleaning & Maintenance

Your Liberty Regulator silencer has a great set of features and we wanted to make sure you knew about them all.

Features:

1. Titanium Tube – This is the strongest tube available ...and the lightest. The second benefit to the weight is the heat dissipation is amazing with the titanium tube, better heat dissipation means quieter silencer...
2. Stainless steel core – We understand that there is the occasional need to use harsh solvents to clean rimfire suppressors due to the contaminants in the ammunition. That is why we chose to use stainless steel in the Regulator. It is resistant to the “dip” as well as all known cleaning solvents available and can be media blasted, if needed. (You might want to tape off the front cap if you choose to media blast it so it won't remove the Cerakote)
3. Coated in Type C high temp Cerakote – We chose to offer this unit in the best finish possible. Type C high temp Cerakote is rated for insane amounts of heat as well as being one of the toughest coatings in the industry, not to mention it looks good too.
4. Weapon Mount Threads - The weapon mount threads are integral to the core to maintain better alignment with the core over.
5. Aluminum Rear Tube Retaining Nut – The “Rear Cap” that you see on the suppressor, is not the rear cap at all. It is a tube-retaining nut similar to the one used on the Mystic X suppressor. This nut does two jobs. The first, or primary, job is that of tube retention. The nut only needs to be finger tight to the point that it can be removed easily without the need for tools. Honestly, most people will over tighten this nut the first few times they install it, thinking it should be tighter than it needs to be. The second job is that of insurance. Should the inner core insert come out of the core while the suppressor is installed on a firearm, the over cap will prevent the core insert from coming out during removal due to the over cap having left-hand threads of a different pitch than the insert.
6. Magical baffle design – The Regulator baffles are a new direction for us with baffle technology. With our ongoing research operation, we made a breakthrough in baffle technology that allows us to suppress a 22LR firearm to levels that were previously only attainable by special purpose, integral suppressors.
7. Ultralight weight – This design has this suppressor weighing in at an unbelievable 5 ½ ounces! It literally disappears on the end of your firearm, taking the gun's report with it.
8. Sound suppression – Did we mention this suppressor has insane amounts of suppression? Well, it does! We are seeing absolute values as low as 110dB routinely on our Ruger MK III pistol. That is 44dBs of suppression! If you want REALLY quiet, this is your suppressor.done

Your Regulator also has a set of cleaning guidelines to help with maintenance.

1. Always clean your suppressor on the same rotation as your gun, this will make disassembly easier and keep you familiar with design.
2. Before taking the unit to the range for the first time. Loosen the over cap and then lightly tighten it to the point where it comes in contact with the tube, this is plenty of tension, tightening the over cap will only make it MUCH harder to get off later...
3. The core should not be removed without first wetting it with cleaning solvent like hopes #9 or sweets or the like. This will make removing the core much easier.
4. There is no need to remove the rear core insert for routine maintenance. It is installed with BLUE Loctite to insure it does not work loose during use. Should you need to remove it for some reason, remember to make sure the two flat surfaces that meet are clean so it will breech square on the core and that you put a little blue Loctite on the threads to keep it tight during use.
5. The core and insert are both stainless steel and can be dipped or cleaned in an ultrasonic tank with issue. They can also be media blasted, just remember to tape off the front cap to protect the Cerakote finish on it. Be aware of the finish in the ultrasonic tank as well as it can be rubbed off if it contacts the tank during cleaning.
6. To clean the inside of the tube, a shotgun bore brush and bore solvent work really well. To clean the outside of the tube, simply wipe it down with a light coat of your favorite cleaner/oil.
7. When reassembling the suppressor, place a light coat of oil on the outside surface of the core prior to reinstalling the core in the tube. This will make reassembly much easier. We have also found Fireclean seems to help some with disassembly when used instead of oil on the outside of the core during reassembly.