


SVEMKO
SILENCERS

USER MANUAL

English



GENESIS LITE

Made in Norway 

About Genesis Lite

The Genesis Lite is designed for long-range shooters who want a premium high performance silencer for standard as well as larger magnum calibers. It delivers up to 37 dBc on .308W and only weighs 363 grams. The new Svemko suppressor brake (bought separately) delivers exceptional recoil reduction (50%+) on the shooter and zero ground disturbance due to the angled gas ports.

Specifications

Added length	204 mm
Total length	209 mm
Diameter	47 mm
Weight	363 g
Silencing (.308 W)	33–37 dBC
Silencing (.338 LM)	25-29 dBC
Rifle type	Manual action
Material	Titanium, aluminum
Max firing rate (.308 W)	20 rounds before cooling
Max firing rate (.338 LM)	12 rounds before cooling

In the Box

- Svemko silencer
- Svemko tool

Please note: The Genesis Muzzle Brake and Suppressor Brake are sold separately.

Important information

- Always ensure that the silencer is correctly mounted and properly fastened before and during use.
- Always remove the silencer after use to prevent barrel corrosion.
- Always remember to check the inner module for the correct caliber. The caliber is engraved on the end cap.
- Always store your firearm and silencer separately in a dry place.
- Use the included Svemko tool for removing the inner module (e.g., cleaning or changing caliber). Tighten securely by hand when installing the inner module. The rear end cap is fixed to the outer tube and cannot be disassembled.

Disclaimer

This information is important for your safety and may affect your responsibilities and legal rights under applicable law. Not following the instruction manual and warnings may result in serious injury to yourself and others and to assets such as firearm, silencer and other equipment, including objects in your proximity.

To the extent permitted by applicable law, Svemko's maximum liability for damage to persons, objects or property caused by the use of Svemko's products is limited to the purchase price you have paid for the product(s). Svemko is only responsible for direct losses that incurred as a result of using our product(s) in a correct manner and in accordance with our instruction manual. Damage to persons, objects or property caused by incorrect use of Svemko's products is not Svemko's responsibility and any loss or damage will not be covered by Svemko. Check and follow local law before buying or operating a silencer.

Warranty

- The product has a standard 2-year Warranty against material and manufacturing defects.
- You can extend the Warranty to a total of 4 years by registering your product at www.svemko.com.
- The Warranty only applies if the threads and assembly are performed by a certified gunsmith.
- The Warranty does not apply if the product has been tried to put apart. The Warranty does not apply if the product has been modified or attempted to be repaired by anyone other than SVEMKO.
- Damage related to incorrect mounting of the silencer on the weapon is not covered by the Warranty.
- The Warranty does not apply if the silencer is used incorrectly.

Please read these instructions carefully.

Colour / signal word	Meaning
Warning	Possible imminent danger! Non-compliance could lead to death or serious injury.
Caution	Dangerous situation! Non-compliance could lead to minor injuries.
Notice	Non-compliance could lead to material damage.

Warning

- Always make sure that the rifle and the silencer are of matching calibers.
- Always treat a weapon as if it was loaded.
- Ensure that a loaded firearm is never left unattended. Firearms and ammunition must be stored separately and securely, preventing access by children or unauthorized persons.
- Protect your eyes and ears during shooting.

Mounting

Ensure that the silencer matches the caliber of the weapon (the caliber specification is on the front end cap). Before mounting, verify that the silencer thread or muzzle brake thread matches the muzzle thread of your weapon. If the threads do not match, the silencer/muzzle brake must not be mounted.

MOUNTING OPTIONS (VERSIONS OF GENESIS LITE)

The Genesis Lite comes with two mounting options (rifle/silencer interface)

- Direct thread
- Muzzle Brake Mount (Genesis Muzzle Brake)

PLEASE NOTE

You can not change the version of your Genesis Lite after purchase.

Mounting (Direct Thread)

Remove the weapon's thread cover and securely screw on the silencer.

Remove the bolt from your weapon and visually inspect that the silencer's bore axis aligns with the barrel's bore axis. If they do not align, DO NOT use the silencer, and have both the silencer and weapon checked by a gunsmith or contact your local distributor.

Mounting the Genesis Muzzle Brake (Sold Separate) - for Genesis Lite Muzzle Brake version only*

Notice*

- The Genesis Muzzle Brake can not be used together with a Genesis Lite silencer that is supplied with regular standard direct threads.
- This section only applies to Genesis Lite with the Genesis Muzzle Brake mount interface inside. You can not change a direct thread silencer to a Genesis Muzzle Brake silencer.

Caution

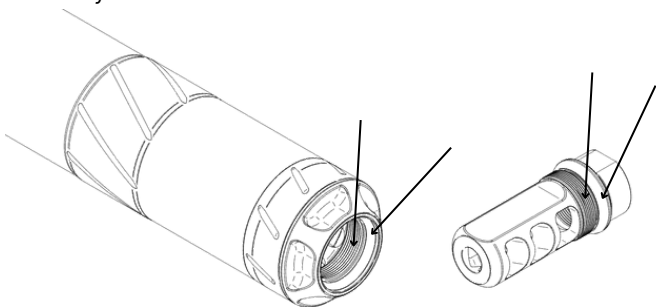
- The Genesis Muzzle Brake must NOT be installed on a barrel with a threaded section longer than 19 mm.



Make sure that the brake is of the correct model and is intended for use with the silencer. Check that the brake and silencer are undamaged and free of contamination and foreign objects (snow, ice, soil, etc.).

The center line of the brake must be concentric with the center line of the weapon.

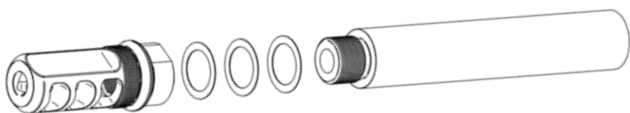
It is crucial that the threads and the shoulder (contact surfaces), on the barrel and the brake (here indicated with arrows), are clean and without any damage. Apply suitable gun lubrication to the threads on the rifle barrel before assembly.



When installing the muzzle brake, it's important to adjust the rotation so that the gas ports are pointing horizontally to the sides. Use the included shims between the muzzle brake and the shoulder of the barrel. See picture below. The silencer comes with four different thicknesses of shims, 0,03mm, 0,05mm, 0,1mm and 0,3mm. In the table below you can see the thickness and approximately what degree of rotation it will give. The shims are supplied in different thicknesses; each marked with a different color for easy identification. See the table below for the color code and corresponding thickness.

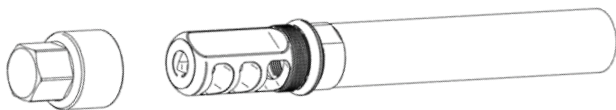
Shims	0,03mm (GREEN)	0,05mm (RED)	0,1mm (BLUE)	0,3mm (BLACK)
M15x1 and M18x1	11°	18°	36°	108°
5/8-24 UNEF and 3/4-24 UNEF	10°	17°	34°	102°

Use a level to verify that the muzzle brake is aligned.



Use a torque wrench together with the Muzzle Brake Tool when installing the brake on the rifle barrel. Use only the associated special tools for this operation. Spanner or similar tools can cause damage to the muzzle brake.

Muzzle Brake Tool



Note:

The tightening torque of the brake is **25-35 Nm**.
When mounting the brake on the weapon's barrel, the alignment of the silencer must be checked.

Apply a thin layer of paste to the threads of the muzzle brake for easier disassembly. Gently move the silencer over the brake and screw the silencer on. The silencer must have a noticeable stop against the brake. After assembly, make sure that the silencer is securely attached.

Note:

The silencer must be firmly attached, but not with excessive use of force.

If the silencer, when mounted on the brake, does not have a noticeable stop, but it requires gradually more force by each turn, the brake and silencer must be inspected/repared by SVEMKO or a certified gunsmith.

On delivery / first time use, the silencer's alignment with the weapon's center line must be checked. Start with removing the bolt from the rifle. Inspect the barrel and silencer from the breech end and verify that the centerline of the silencer aligns with the centerline of the barrel. If this is not the case, do not use the silencer until the issue is resolved. Contact a qualified gunsmith or email us at support@svemko.com.

Warning

- Only mount and unmount your silencer when your firearm is unloaded.
- Make sure there are no loose part in the silencer before mounting, do so by shaking it. If there is something loose in the silencer, do not use it.

Caution

- Control that the silencer is aligned with the barrel. If its not aligned, do not fire the rifle.

Mounting the Genesis Suppressor Brake (Sold Separate)

The suppressor is delivered with a Cap installed on the front threads. This cap must be removed before installing the Suppressor Brake.

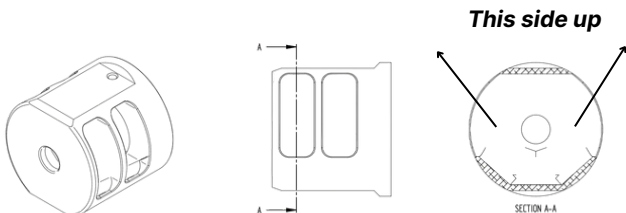
The Suppressor Brake must be installed after the suppressor has been properly mounted onto the barrel. This ensures that the final alignment of the brake is correctly oriented in relation to the rifle.

With the suppressor securely attached to the barrel, thread the Suppressor-Brake onto the front threads of the suppressor until it comes to a natural stop (bottoms out). Do not apply excessive torque.

Once seated, rotate the Suppressor Brake slightly in the opposite direction until the gas ports are correctly aligned. The ports should be oriented upwards and to the sides, as illustrated below. This orientation is critical to ensure proper redirection of gases, reducing muzzle rise and minimizing ground disturbance.

When the correct alignment is achieved, secure the Suppressor Brake in place using the two set screws located on the brake. Tighten these evenly to lock the brake firmly and prevent any unwanted movement during use. (Approx. 2 Nm).

An additional, longer locking screw is also included. This can be used when mounting a mirage band over the suppressor, allowing for secure attachment without interfering with the brake alignment.



Usage

The silencer and weapon must have the same caliber and thread size. Improper handling can result in personal injury and property damage.

The high-quality construction of the silencer's internal module is ensured by the use of Grade 5 titanium. Firing more than 20 rounds with standard calibers (barrel length 57 cm) or 12 rounds with magnum calibers (barrel length 62 cm) can cause the silencer to overheat.

For weapons with barrels shorter than 48 cm, limit the number of shots to 10 rounds. Please note that the heat generated by the silencer increases exponentially with decreasing barrel length. Overheating the internal module can cause lasting damage to the Grade 5 titanium and reduce the silencer's lifespan.

Using mirage covers and heat shields may impede heat dissipation, leading to faster overheating of the silencer.

Regularly check the secure attachment of the silencer between firing sequences.

Warning

- After firing up to 20 rounds (.308 Win) and up to 12 rounds (.338 LM), let the silencer cool for ~15 minutes to prevent overheating — noncompliance may damage the silencer or weapon and cause serious injury.
- Silencers reduce but do not eliminate noise — always wear hearing protection.
- Always wear eye protection when shooting.

Caution

- After use the silencer may be extremely hot. Make sure that you avoid burn damage to yourself, others, or clothing.

Notice

- Mirage covers slow heat dissipation and may cause the silencer to heat up faster or overheat. When using a mirage cover, limit firing to a maximum of 10 shots before cooling.
- Only use Svemko Mirage Covers.
- Damage caused by non-Svemko covers, improper use, or failing to limit shot count is not covered under warranty.

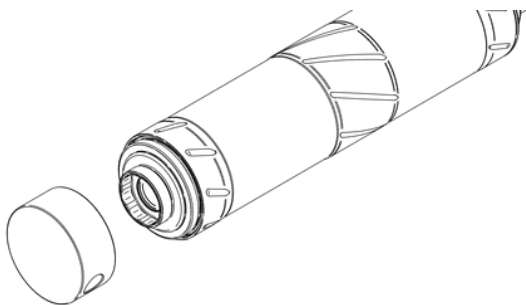
Maintenance

Detach the silencer from the weapon after each use and transport it separately. Ensure the silencer is thoroughly dried before placing it in your gun safe.

Improper storage of the silencer attached to the weapon can cause lasting damage to the weapon's barrel. Svemko is not liable for damages caused by improper storage.

Remove the suppressor brake or cap in order to insert the disassemble tool.

Use the included Svemko tool to disassemble the internal module. Rinse it with warm water and neutral soap as needed, considering the specified cleaning intervals. Use a bottle brush to clean the outer tube of the silencer.



Svemko tool

Afterward, rinse or blow it out with compressed air. Ensure the silencer is completely dry before reuse.

Cleaning Intervals:

- Frequent use: Clean every 3 months.
- Normal use: Clean every 6 months.

If the silencer is not used for an extended period, clean it before storage. Before inserting the internal module, grease the thread and O-ring with silicone grease or another lubricant. Do not use copper paste as a lubricant.

Inspect the threads of both the internal module and the weapon to ensure they are in good condition before assembly. Ensure the threads engage correctly before screwing in the module.

Caution

- Neglecting proper maintenance may result in corrosion that permanently damages the barrel and weakens internal parts of the silencer, potentially causing failure and compromising safety.

More information available at www.svemko.com.

www.svemko.com

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