

S98

FIELD MANUAL





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Warning

Failure to follow installation and maintenance instructions detailed in this manual may result in **serious personal injury** and damage to the firearm. **Do not attempt to use this product unless you have specific training and experience in the use of firearms.**

Because suppressed firearms make less noise than unsuppressed firearms, it is easy to forget that they are still firearms and capable of causing bodily injury and property damage. Remember, a suppressed firearm should be treated with the same safety and caution as an unsuppressed firearm.

Firearm silencers are user-attached firearm muzzle devices, and as such are subject to improper attachment issues unless the procedures outlined in this manual are followed precisely.

Before installing the silencer on the host firearm, be sure the firearm is unloaded and the action is opened so the firearm is visibly clear of any ammunition. If you are at all unsure as to the proper procedures to ensure your firearm is unloaded, please consult your firearm user's manual/ instructions and/or contact a properly licensed dealer or the manufacturer or gunsmith of your firearm.

Check the fit between barrel and silencer before firing! The mount must be fully shouldered on the barrel. There should be no visible gap between the barrel shoulder and the face of the silencer thread mount. Poor accuracy and product damage may result if the silencer is not properly shouldered.

Silencers must be free of obstructions such as mud, dirt, etc. DO NOT attempt to shoot through an obstructed silencer. If submerged in water, the user must allow sufficient time to drain the silencer completely.

To ensure your silencer remains secure while firing, it is of the utmost importance that you frequently verify the silencer is securely tightened onto the barrel. We recommend checking the security of the attachment after 30 discharges of the firearm.

Before removing the silencer from the host firearm, be sure the firearm is unloaded and the action is opened so it is visibly clear of any ammunition. When removing the silencer, use extreme caution as it may be hot to the touch after firing. Use heat-resistant gloves to avoid burns or other injuries. Once the silencer is removed from the host firearm, SilencerCo recommends using a thread protector or other muzzle device to protect the muzzle threads and crown, during storage or transport.



Ammunition Selection

The silencer is designed to suppress the initial muzzle blast and subsequent projectile de-corking pressure. The silencer doesn't contact or otherwise interact with the bullet, allowing the projectile to travel at its default speed. Because of this, a sonic crack may be produced by the projectile as it breaks the sound barrier.

Depending on the geography of the area, the sonic crack may vary in volume. This is solely a function of the projectile breaking the sound barrier and is not related to product performance.

If desired, sonic crack can be avoided with the use of subsonic ammunition. Subsonic ammunition can be identified by a muzzle velocity that does not exceed the speed of sound. The speed of sound in an environment increases with temperature, and ranges between 1000 feet per second (at approx -40°F/-40°C) and 1200 feet per second (140°F/60°C).

Do not use ammunition withunjacketed lead bullets. Exposed lead projectiles will deposit lead inside your silencer and cannot effectively be removed.



Overview & Product Specs

The S98 is an eccentric, titanium, and full-welded suppressor designed for 9mm handguns. Because it's eccentric, the bore sits below the shooter's line of sight for a clean look and unimpeded sights. The S98 is a premium suppressor with incredible sound performance, especially considering its lightweight construction.

The S98 is rated for 9mm handguns with Browning-style tilting barrels only. It ships with a 1/2 x 28 QD Mount, (AC22 not compatible).

Product Specs

CALIBERS

9MM (handgun only)

MATERIALS

17-4 SS & Grade 5 Titanium

DIAMETER

1.25 X 1.625"

LENGTH

5.54"

WEIGHT

7 oz

dB Readings

9MM

130.3 dB

Included



S98
SU5644



QD PISTON
ASSEMBLY



1/2X28 QD
MUZZLE
DEVICE



S98
TOOL



O-RINGS



3-LUG
TOOL



Assembly



MOUNTING OPTIONS

For optimum performance and to avoid damage to your silencer, SilencerCo recommends using only SilencerCo mounts and accessories. Ensure your suppressor is mounted securely before firing.

Users must ensure they are using the proper mounts that match their barrel threads and that there is a proper shoulder for the mount to seat

against. Following these instructions will help to prevent the problems and dangers that can arise from improper installation.

The S98 ships with a 1/2x28 QD Muzzle Device and a QD Piston. Confirm the thread pitch of your barrel is compatible before use. The S98 and S98 QD Muzzle Device is not recommended for use on slimline pistols.



Assembly

QD Piston Mount



INSTALLATION & REMOVAL

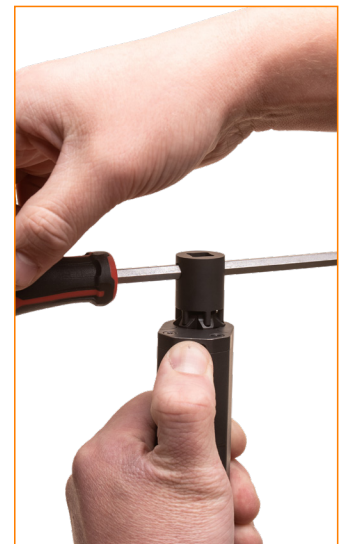
Insert the Piston Mount assembly into the S98. Press the button and simultaneously tighten with the provided S98 Tool. Using a torque wrench, tighten to 6-ft/lbs.

To remove, perform steps in reverse order.

QD PISTONS

The S98 ships with a 1/2x28 QD Muzzle Device and a QD Piston. Confirm the thread pitch of your barrel is compatible before use.

Standard SilencerCo pistons are not compatible with S98.





Assembly

INSTALLING QD MUZZLE DEVICE

With the slide locked back, thread the QD Muzzle Device onto the barrel.

Torque the QD Muzzle Device to 6-ft/lb using the S98 tool and a torque wrench.

MOUNTING TO THE FIREARM

With the slide locked back, firmly push the muzzle of the gun into the suppressor and turn the suppressor 60° counterclockwise. **DO NOT push the S98 button** while installing the suppressor using the QD system. The button is for indexing only.

To orient the S98 relative to your sights, press the button in on the bottom of the S98. While holding the button, rotate the silencer until it is at the desired orientation to the host weapon and release the button.

The next time you attach the S98 to the host weapon, it will return to the desired orientation. Attaching to a different host will require re-indexing.



Assembly

QD Mount Assembly

PISTON



QD
PISTON



SPRING
RETAINER



SPRING
FOLLOWER
& QD SPRING



PISTON
SPRING



PISTON
CAP

DISASSEMBLING QD PISTON ASSEMBLY

Break down the QD Piston Assembly periodically to perform needed maintenance (pages 8–9).

Loosen the QD Piston Assembly with 3-Lug Tool and the S98 Tool. It will separate in the middle as shown.

Push the Piston out of the Spring Retainer from the thread joint side. Remove the Spring Follower from the Piston using a small instrument. Be sure to clean the shoulders and bore of the Spring Follower (page 9).

To reassemble, perform steps in reverse order.

READY FOR USE

MAKE SURE ALL PARTS ARE ALIGNED PROPERLY WHEN REASSEMBLING. You should feel the Spring Follower turn and drop into the Piston. Insert the Piston into the Spring Retainer. Place the Piston Spring over the Piston Cap and thread back onto the Piston. Torque to 6ft-lbs.





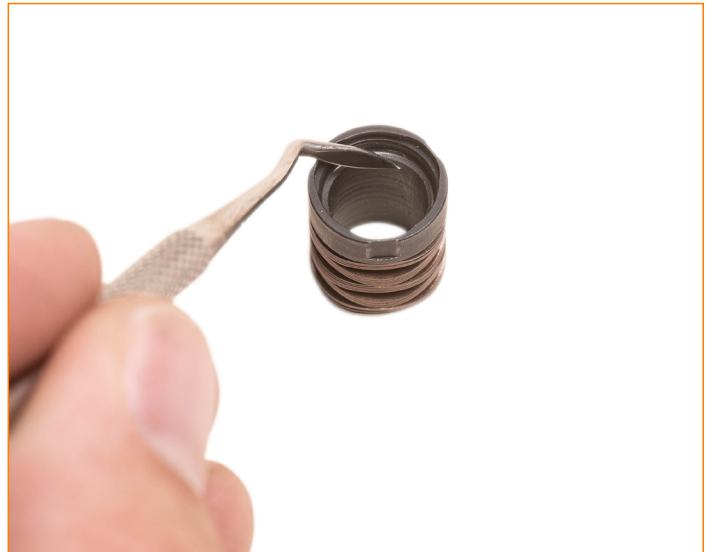
Assembly

QD Mount Assembly

REPLACING THE O-RING

Disassemble the QD Mount Assembly as outlined on the prior page. Use a small pick to remove the old O-Ring from the Spring Follower.

Using the same pick, place the new O-Ring into the O-Ring channel located within the Spring Follower.





Maintenance

S98

The S98 typically requires limited maintenance. Mounts should periodically be cleaned with any standard gun cleaning solvent and a brush to remove any carbon or fouling. The piston will also need periodic lubrication. If necessary, run a cleaning brush through the bore to remove any light fouling of the silencer.

Do not run cleaning patches through the bore as the patches might become lodged in the silencer and cause damage upon firing.

If cleaning of the internal baffles becomes necessary, soak the S98 in a bath of solvent to loosen and remove carbon and fouling.

CAUTION

Always read the warning label on any cleaner or solvent, and remember that virtually all solvents are **inherently dangerous and potentially toxic**. Always use adequate ventilation and both skin and eye protection when using solvents.

QD MOUNT

The QD Piston Assembly needs routine maintenance to prevent carbon buildup.

Using a brush and any solvent, clean the QD Muzzle Device, Spring Follower, and Piston Cap when carbon begins to accumulate (approximately 1,000 rounds).

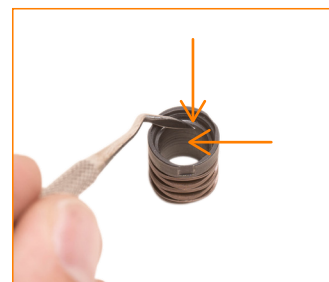
Be sure to also clean the interior surfaces of the Spring Follower. These surfaces include the shelf where the muzzle device shoulders against the Spring Follower and the bore side of the Spring Follower. If the o-ring inside the Spring Follower becomes damaged, replace it with one of the included replacements.



CLEAN



NEEDS
CLEANING





Limited Lifetime Warranty

Silencerco, LLC (“**SilencerCo**”) warrants to you that if any product sold by SilencerCo’s and used for its intended use ever becomes defective, SilencerCo’s will repair or replace the product at no charge, other than shipping, subject to the conditions set forth below.

THE WARRANTY EXTENDS ONLY TO THE ORIGINAL REGISTERED PURCHASER.

This warranty does not cover damage to our products or host firearm resulting from careless or irresponsible handling adjustments or modifications to its intended design, negligence, or other unforeseeable abuse. SilencerCo assumes no liability for unsafe or illegal use of the silencer by its purchaser or any other user that comes in contact with the product after purchase. SilencerCo assumes no responsibility for physical injury or property damage resulting from careless or irresponsible handling or by any use contrary to the recommendations, warnings and cautions generally listed in this manual. SilencerCo does not cover damage to the silencer or host firearm resulting from improper “**hand-loaded, reloaded, previously used or otherwise defective ammunition.**” **THIS WARRANTY IS FURTHER REGULATED BY RELEVANT AND APPLICABLE STATE AND FEDERAL LAWS.**

If SilencerCo determines that you satisfy the conditions for warranty coverage under this limited warranty, SilencerCo’s will, at no charge, replace or repair the SilencerCo product with the same or similar model subject to the terms herein.

If no replacement is available, and SilencerCo determines that the product cannot be repaired, SilencerCo will replace your nonperforming or defective unit with a unit that, in SilencerCo’s sole determination, is substantially similar to your lawfully purchased and registered product. This warranty extends to any and all parts as originally sold by us, but **does not extend to any altered product or firearm that is altered or rebuilt after original purchase, damaged through abuse, misuse through lack of proper care and maintenance, or used other than for its legal intended purposes.**

SILENCERCO’S LIABILITY FOR BREACH OF ANY WARRANTY WITH RESPECT TO A SILENCERCO PRODUCT SHALL BE LIMITED TO REPLACING OR REPAIRING THE NONPERFORMING OR DEFECTIVE PRODUCT AS DESCRIBED IN THIS LIMITED WARRANTY. THIS LIMITED WARRANTY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY WITH RESPECT TO A NONPERFORMING OR DEFECTIVE PRODUCT, AND SILENCERCO WILL NOT BE LIABLE FOR ANY OTHER DAMAGES, INCLUDING DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR DIMINUTION IN VALUE DUE TO REPAIR OR REPLACEMENT WITH A DIFFERENT PRODUCT.

For assistance with repairs, please visit silencerco.com/warranty or contact our consumer service department at **801.417.5384** or warranty@silencerco.com.



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The American Suppressor Association is fighting to protect and expand your silencer rights. Join the fight today!

For questions, contact our customer service team at **801.417.5384** or **info@silencerco.com**

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