

OSPREY™ 2.0

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 Osprey is uniquely designed in a polygonal shape to allow for greater internal volume and better overall sound suppression. Due to the shape, the Osprey also sits below the shooter's line of sight, thereby not impeding standard pistol sights. The updated version added a push-button locking system for quick and repeatable indexing. All of these features combined make it one of the sleekest and most iconic pistol suppressors on the market. The Osprey comes in the Osprey 9 and Osprey 45 options.

The Osprey 9 is rated for 9mm, and the Osprey 45 is multi-caliber and can be used on 9mm to .45 ACP. Both Ospreys are rated for .300 BLK subsonic calibers. Both Ospreys are compatible with pistons and fixed barrel spacers for attachment to a host firearm.

This suppressor can also be shot "wet" by using 5cc of water or wire pulling gel to temporarily improve sound suppression.

Product Specs

CALIBERS

OSPREY 9 2.0: 9MM & .300 BLK Subsonic

OSPREY 45 2.0: 9MM to 45 ACP & .300 BLK Subsonic

MATERIALS

Aluminum & 17-4 Stainless Steel

DIAMETER

1.30" width

1.75" height

LENGTH

9: 7.06"

45: 8.06"

WEIGHT

9: 8.8 oz

45: 9.2 oz

dB Readings

CALIBER	OSPREY 9	OSPREY 45
9MM	132.2 dB	131.0 dB
.300 BLK	129.6 dB	132.0 dB
.45 ACP	N/A	135.0 dB

Included



OSPREY 45
SU5185



OSPREY 9
SU5184



INDEXING RING /
SPRING RETAINER



PISTON SPRING



ALPHA PISTON
TOOL



Assembly



MOUNTING OPTIONS

For optimum performance and to avoid damage to your silencer, SilencerCo recommends using only SilencerCo mounts and accessories.

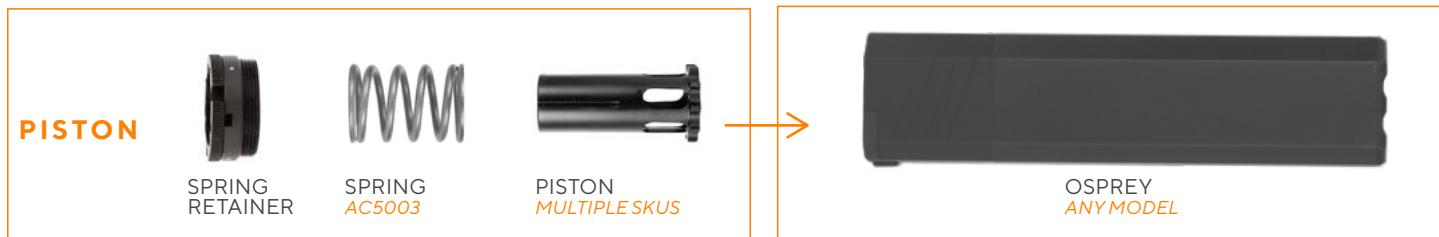
Whichever way you choose to mount your silencer to your firearm, you should take care to ensure your silencer is mounted securely before firing. SilencerCo offers mounts in all common barrel thread patterns.

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.



Assembly

Piston Mount



INSTALLATION & REMOVAL

Place the spring over the piston as shown, then insert the spring retainer on the smooth side of the piston as shown and press firmly to secure.

Insert the Piston Mount assembly into the back of the Osprey 2.0. Press the button and simultaneously tighten with the provided Alpha Piston Tool (AC56).

To remove, perform steps in reverse order.

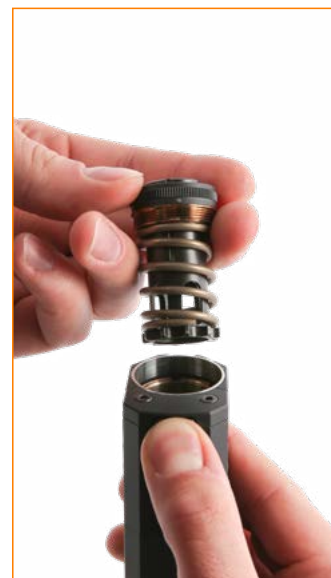
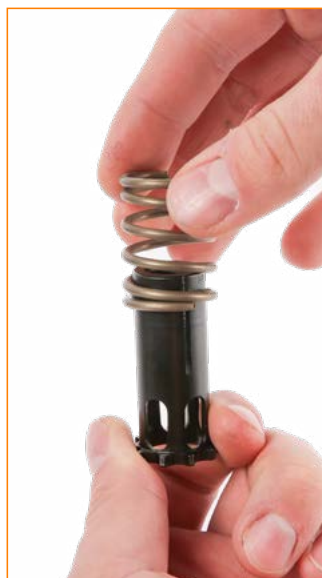
PISTONS

Select a piston (sold separately) in the thread pitch of your barrel. For help, see our Piston Fit Guide, or check with the manufacturer of your firearm.

Depending on the thread pattern, some pistons will shoulder on the nose of the barrel.

FIXED BARREL SPACER

Use a Fixed Barrel Spacer (sold separately, AC22) in place of the spring on pistol-caliber firearms with fixed barrels. Otherwise damage to the piston can occur.



Assembly

Piston Mount

MOUNTING TO THE FIREARM

Thread the silencer onto the threaded barrel of your pistol. Hand tighten only.

To orient the Osprey 2.0 relative to your sights, press the button in on the bottom of the Osprey 2.0. 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 Osprey 2.0 to the host weapon, it will return to the desired orientation. Attaching to a different host will require re-indexing.

Be careful not to push the button while unthreading as this will cause the teeth to strip.

To remove, perform steps in reverse order.

READY FOR USE





Maintenance

SILENCER

The Osprey K typically requires limited maintenance. Regularly lean mounts and mounting surfaces with any standard gun cleaning solvent and a brush to remove any carbon or fouling.

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

Cleaning of the internal volume and baffles is not necessary.

BUTTON ASSEMBLY

Periodically disassemble, clean, and lubricate.

To Disassemble: Unscrew both T10 screws. Take note of the orientation of the pawls for correct reassembly **A**. Remove the button (exercise caution to prevent losing the springs) **B**. Remove both pawls and pins. Clean all components thoroughly.

Reverse instructions to reassemble.



O-RING

Inside the indexing ring/spring retainer is an O-Ring, which seals the gases from escaping the silencer. The Osprey 2.0 will function without the O-Ring, but it is necessary to achieve the most effective sound suppression.

Replace the O-Ring after substantial wear or breakage. Simply disassemble the piston assembly and insert a new O-Ring into the groove on the inside of the spring retainer, directly under the threads. Replacements (Viton size-018) are available on our website (AC88).

Regularly lubricate the O-ring with white lithium grease to ensure reliable operation and accuracy.

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.*



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’s 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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Protect Your Rights | Protect Your Hearing

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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