



SilencerCo Osprey Micro

Field Manual

Thank you for choosing to add a SilencerCo suppressor to your collection. We love what we do and take great pride in the products we produce, and hope you will enjoy using this product as much as we enjoyed making it.

Each SilencerCo product carries our Lifetime Warranty. Should you have any questions after reading this manual, our best-in-class customer service team will be glad to assist you.

Again, thank you for joining SilencerCo as we work to **#FightTheNoise**.

Sincerely and Silently,

A handwritten signature in black ink, appearing to read 'Joshua Waldron', with a stylized flourish extending to the right.

Joshua Waldron
SilencerCo Co-Founder & CEO

OSPREY MICRO





MADE IN GERMANY

ATI Rochester



We at SilencerCo[®] hope that you enjoy the technological advancements offered by the Osprey Micro[™] sound suppressor. To provide for your safety and the effective use of this suppressor, it is critical that the owner and any user of the suppressor read this entire manual and follow strictly the warnings and instructions within. This suppressor is intended to be used only by those who are well-versed in the safe operation of firearms.

SONIC CRACK

The Osprey Micro is designed to suppress the initial muzzle blast and subsequent projectile de-corking pressure. The Osprey Micro does not contact or otherwise interact with the projectile, allowing the projectile to travel at its default speed. Because of this, a sonic crack is 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 suppressor performance.

WARNING

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

Before installing or removing the Osprey Micro sound suppressor from the host firearm, be sure that the firearm is unloaded and the action is opened so that it is visibly clear of any ammunition. If you are

at all unsure as to the proper procedures to ensure that your firearm is unloaded, please consult your firearm user's manual/instructions and contact a properly licensed dealer or the manufacturer of your firearm.

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. It is of vital importance to remember that a suppressed firearm is just as dangerous as an unsuppressed firearm, and that the same safe handling requirements still apply.

When removing the Osprey Micro, use extreme caution as it may be hot to the touch after firing. Use gloves, or the provided Nomex suppressor sleeve, to avoid burns or other injuries.

Check the fit between barrel and suppressor before firing! The thread mount must be fully shouldered on the barrel. There should be no visible gap between the barrel shoulder and the face of the suppressor thread mount. If there is any gap DO NOT fire the host with the suppressor attached. Poor accuracy and product damage may result if the suppressor is not fully shouldered.

Assembly and disassembly should never be performed while the suppressor is affixed in any manner to a host firearm. Always completely remove the Osprey Micro from the host firearm before assembly and/or disassembly is attempted.

Before performing maintenance, removing, or installing the suppressor, open the action, ensure firearm is unloaded, and be sure the chamber is empty. Failure to do so can result in property damage, injury, or death.

MADE IN THE USA

The modular Osprey Micro™ is full auto rated and is the shortest, quietest, and easiest to clean .22 caliber silencer in existence. It can be reduced from 4.6" to 3.1" in length easily with provided tools and has a flat sight plane for easy target acquisition. Durable enough to be used with a variety of rimfire calibers and ammunition, the Osprey Micro remains easy to clean after hundreds of rounds fired.

COMPATIBLE WITH: .22 LR, .17 HMR, .22 MAG, .22 WMR

Note: Silencers must be free of obstructions such as mud, dirt, etc. Do NOT attempt to shoot through an obstructed suppressor.

OSPREY MICRO
(FULL LENGTH)



OSPREY MICRO
MULTI TOOL



3.1"
CONFIG
ROD



ALLEN
KEY



1/2x28
RAPID ATTACH
ADAPTER



SHIM
KIT



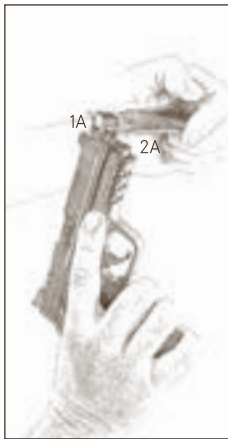
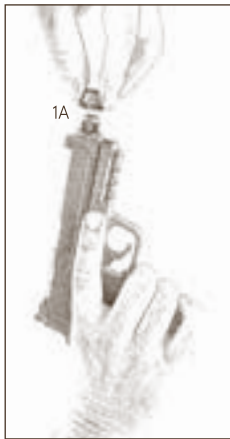
OSPREY MICRO
EASYALIGN TOOL



PRODUCT SPECS

INCLUDED

- Osprey Micro in Full-Length Configuration
- Rod for 4.6" Configuration (Already Installed)
- Osprey Micro Multi Tool
- 3.1" Configuration Rod
- Allen Key
- 1/2 X 28 Rapid Attach Adapter
- Shim Kit
- Osprey Micro EasyAlign Tool



ADAPTER INSTALLATION

The Rapid Attach Adapter will need to be timed using the included shims in order to achieve proper alignment of the Osprey Micro. See “Aligning” section for instructions on specific shim combinations to achieve proper alignment.

After ensuring that the firearm is unloaded and removing the thread protector from the adapter, screw the adapter (1A) onto the barrel. Using the notch in the provided tool (2A,) tighten the adapter (1A) onto the barrel until secure.

ALIGNING

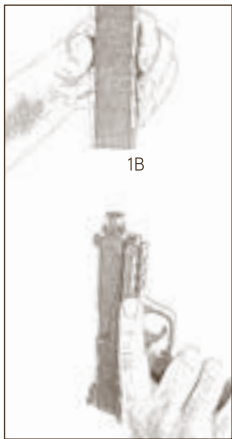
Ensure that the firearm is unloaded before beginning.

Once the Rapid Attach Adapter is attached to the barrel, screw the Osprey Micro onto the Rapid Attach Adapter; seat firmly (see: Silencer Installation.) Your Osprey Micro will likely be canted at an angle at this point.

While still attached to the host, slide the Osprey Micro through the cutout in the EasyAlign tool provided. Where your front sight post points to on the chart indicates the combination of shims that will need to be added to the barrel behind the Rapid Attach Adapter. The number of notches on the interior cutout of the shims corresponds to a number on the EasyAlign tool. For example, a shim with three notches will be indicated by the number “3” on the EasyAlign tool.

Remove the Osprey Micro, then remove the Rapid Attach Adapter. Install the shims indicated on the EasyAlign tool. Once the correct shims are installed, reinstall the Rapid Attach Adapter and Osprey Micro. The Osprey Micro should now be properly indexed with the front sight aligned to the indexing mark on the back cap of the silencer. If still not aligned properly, reference the EasyAlign tool for what shim changes will need to be made.

SilencerCo recommends purchasing a shim and Rapid Attach Adapter kit for each host that will be used with the Osprey Micro so that you can leave the adapter attached once the correct timing is set. This kit is available at WWW.SILENCERCO.COM



SILENCER INSTALLATION

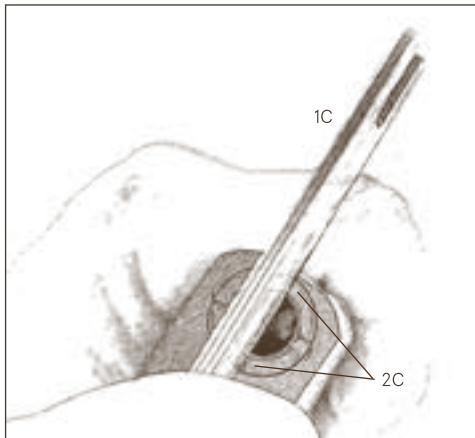
Thread the Osprey Micro (1B) onto the Rapid Attach Adapter. Check for proper alignment. If not aligned properly, see “Aligning” section for instructions on specific shim combinations to achieve proper alignment.

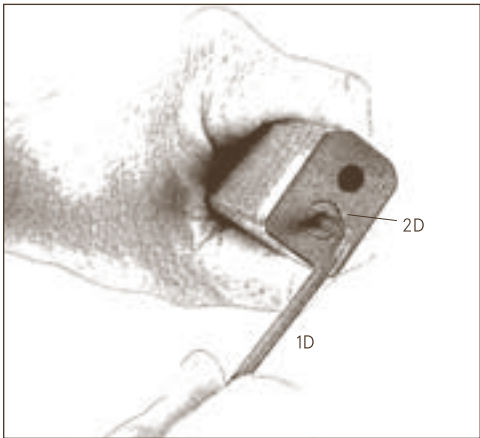
Proper Alignment: The reference mark on the top of the Osprey Micro back cap should align with the front sight post of the host slide.

ADAPTER REMOVAL

If the Rapid Attach Adapter remains in the Osprey Micro, seat the raised portion of the provided tool (1C) into the notches in the rear of the adapter (2C.) Turn counterclockwise to loosen the adapter and remove from the silencer.

Note: If your barrel is not threaded in 1/2 X 28, an aftermarket adapter will need to be purchased. SilencerCo offers adapters for popular hosts at WWW.SILENCERCO.COM





CHANGING LENGTHS

The Osprey Micro can be configured in 4.6" and 3.1" lengths.

To change between configurations, first remove the Osprey Micro from the host.

Using the provided allen key (1D), remove the screw bolt (2D) from the front cap of the Osprey Micro.

Note: The baffles will begin to fit together loosely at this point and will start to slide off of the internal rod.

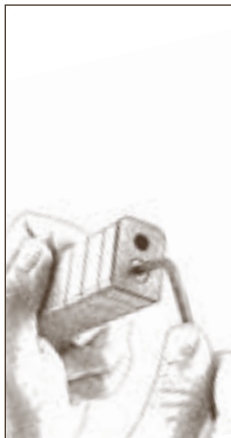
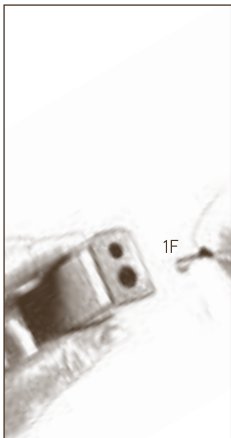
Slide each baffle (1E) off of the internal rod. Once all baffles are removed, unscrew the 4.6” configuration internal rod (2E) from the back cap.

Screw the 3.1” configuration internal rod into the back cap of the Osprey Micro.

Slide baffles (1E) over the internal rod after first ensuring that all baffle edges are clear of debris, ensuring that the threaded rod is NOT through the bore of the baffle. Baffles must be seated with cone end (3E) facing the back cap.

Continued on next page.





CHANGING LENGTHS *contd*

The 3.1" configuration will consist of the back cap, three baffles, and the front cap.

Once the front cap is seated over the internal rod, screw the sex bolt (1F) onto the threads of the internal rod. Tighten until secure.

Note: The baffles must be seated together so that no misalignment or step is created.

MAINTENANCE

The user-serviceable nature of the Osprey Micro makes cleaning quick and simple.

SilencerCo recommends cleaning the Osprey Micro after 1,000 rounds, although greater frequency might be needed depending on the type of ammunition used.

The Osprey Micro internal components can be cleaned using solvents, light abrasive media, or certain chemical dips. The use of abrasive pads or wire brushes is acceptable, but a small test should be done on an inconspicuous area to ensure no scratching or damage will occur to the metal finish.

If the finish of the outer tube becomes discolored, wipe the suppressor with any high quality gun oil; this should restore the finish to the factory condition.

Disassemble the Osprey Micro as listed above and clean using the suggested products. Dry all components thoroughly before reassembling.

REPAIR POLICY

Should the silencer require repair or modification, the owner will need to contact SilencerCo either by email or by telephone. Many problems can be handled without having to return the product. If it is determined that the product needs to be returned for repair or modification Contact SilencerCo customer service 801.417.5384 where an RMA number will be provided. Do not return the suppressor to SilencerCo until you have contacted customer service as an RMA code must be provided.

If repairs are required due to a defect in manufacturing or materials, there will be no charge for repairs.

Subject to any restrictions set forth herein, SilencerCo agrees to replace and/or repair the SilencerCo product for an unlimited amount of time. This warranty covers repair, service, and replacement of damaged product caused by normal use, free of charge, only if performed at a SilencerCo facility.

Should a silencer require repair, the owner must contact SilencerCo and make arrangements to return the product. Customer must return damaged product with a legible copy of the approved ATF form and a legible written description of the problem, defect, and/or malfunction. Please include in written description the serial number of the product and the events leading up to the issue, including what ammunition has been used and any host firearms that have been used.

In order to be eligible for a lifetime warranty, the silencer must first be registered through SilencerCo. This allows us to better understand our customers and their needs. See the included insert card in your silencer's packaging for more information.

If SilencerCo determines, at its sole and absolute discretion, that a returned suppressor is not covered under this warranty, for any reason, you may purchase a replacement product at 75% off the suggested retail price.

LIMITED LIFETIME WARRANTY

LIMITATIONS TO WARRANTY: THIS WARRANTY DOES NOT COVER DAMAGE TO THE SUPPRESSOR OR THE HOST FIREARM RESULTING FROM CARELESS OR IRRESPONSIBLE HANDLING, ADJUSTMENTS OR MODIFICATIONS TO ITS DESIGN, NEGLIGENCE, OR OTHER ABUSE. SILENCERCO ASSUMES NO LIABILITY WHATSOEVER FOR UNSAFE USE OF THE SUPPRESSOR OR ILLEGAL USE BY ITS PURCHASER OR ANY OTHER PERSON THAT COMES IN CONTACT WITH THE PRODUCT AFTER PURCHASED.

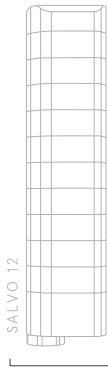
SILENCERCO ASSUMES NO RESPONSIBILITY FOR PHYSICAL INJURY OR PROPERTY DAMAGE RESULTING FROM CARELESS OR IRRESPONSIBLE HANDLING AND/OR USE, OR BY ANY USE CONTRARY TO THE RECOMMENDATIONS, WARNINGS, AND CAUTIONS GENERALLY LISTED IN THIS MANUAL. SILENCERCO DOES NOT COVER DAMAGE TO THE SUPPRESSOR OR THE HOST FIREARM RESULTING FROM IMPROPER HAND-LOADED OR RELOADED AMMUNITION OR DEFECTIVE AMMUNITION.

DISCLAIMER

The manufacturer is not responsible for improper usage of this product. This product is potentially dangerous, and, as such, it is the user's responsibility to understand and implement its proper use. If you do not understand the instructions in this manual, please contact the manufacturer for further clarification at 801.417.5384.

Subject to any restrictions set forth herein, SilencerCo agrees to replace and/or repair the Osprey Micro for an unlimited amount of time. This warranty covers repair, service, and replacement of damaged product caused by normal use, free of charge, only if performed at a SilencerCo facility.

Visit WWW.SILENCERCO.COM/PRODUCT-REGISTRATION to activate your lifetime warranty. Should you have any questions, please contact Customer Service at info@silencerco.com or 801.417.5384.



SALVO 12

SHOTGUN SUPPRESSOR



HARVESTER BIG BORE 338



HARVESTER 30



OMEGA



SAKER 762



SAKER 556



SAKER 556K



SPECWAR 762

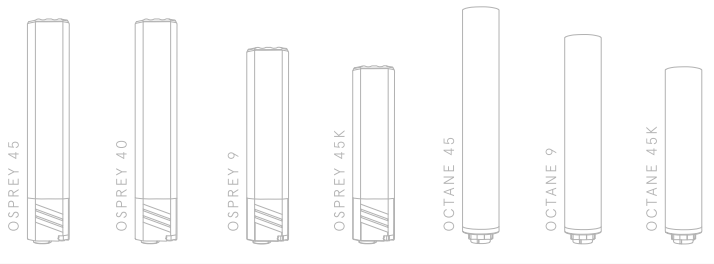


SPECWAR 556

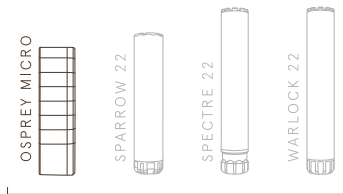


SPECWAR 556K

CENTERFIRE RIFLE SUPPRESSORS



PISTOL SUPPRESSORS



RIMFIRE SUPPRESSORS



CSA1100A





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Activate Your Lifetime Warranty**

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Note: If you have any questions whatsoever about whether you are performing the assembly, disassembly, or cleaning of the suppressor properly and in accordance with these instructions, you may contact SilencerCo customer service by phone at 801.417.5384 or via email at info@silencerco.com

For a list of available mounts and suppressors visit SILENCERCO.COM/PRODUCTS/OSPREY-MICRO

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