

SILENCER^{CO}

SPARROW 22

FIELD MANUAL



Warning

Failure to follow installation and maintenance instructions detailed in this manual may result in serious personal injury and damage to the weapon. 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 Switchback 22 sound suppressor from the host weapon, be sure that the weapon 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 weapon.

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 Switchback 22, use extreme caution as it may be hot to the touch after firing. Use gloves 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 Switchback 22 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.

Overview & Product Specs

The Sparrow 22 was designed with durability and user serviceability in mind and utilizes a patented MultiPart Containment (MPC) technology to facilitate ease of disassembly and reassembly. The internal MPC construction features two half tubes that pull away from a monolithic baffle stack. This design ensures that the Sparrow 22 will maintain its ease of maintenance after extended periods of use with notoriously dirty rimfire ammunition. The Sparrow 22 mounts on conventional 1/2 X 28 (Class 3A) threads .400" in length

The Sparrow 22 is compatible with the following: 22 LR (only caliber approved for full-auto), 17 Win Super Mag, 17 HMR, 22 WMR (22 Win Mag), 22 Hornet, AND 5.7 X 28mm.

The Sparrow comes standard with (2) size 18 O-rings and (1) size 13 O-ring already installed. Also included is (1) thread spacer. The thread spacer is to be used on threads .600 "-.650" long.

Included

CALIBERS & RESTRICTIONS

22 LR

17 WSM

17 HMR

22 WMR

22 HORNET

5.7X28 MM

*Multi caliber compatibility and
rated for full auto fire (22 LR only)*

MATERIALS

Stainless Steel

DIAMETER

1.06"

WEIGHT

6.5 OZ

LENGTH

5.08"

MUZZLE AVERAGE

22 LR: 112.7 DB

17 HMR: 124.5 DB

5.7 X 28: 127.7 DB

OUTERTUB
& BACK CAP



HALF TUBES



MONOLITHIC
CORE



Assembly & Modularity

MOUNTING TO THE FIREARM

After confirming that your firearm is unloaded, place the threaded end of the Sparrow 22 in line with the threads of the barrel. Taking care not to cross-thread, screw the silencer onto the barrel until it is firmly secured and no additional barrel threading is visible. Hand tighten only.

READY FOR USE





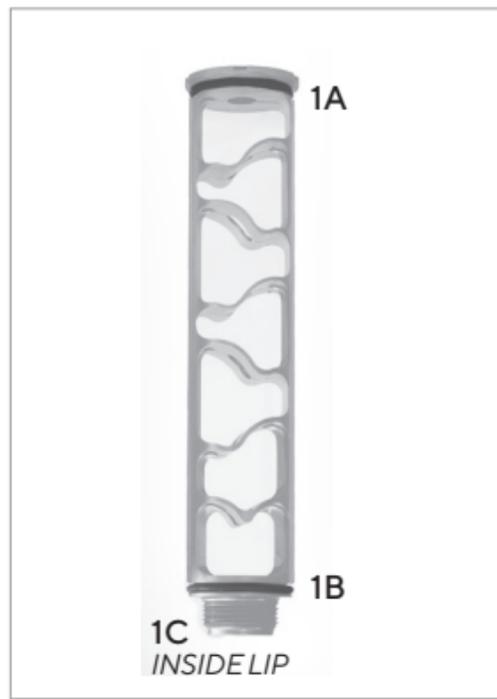
DISASSEMBLY

Unscrew the back cap from the silencer. Slide the outer tube off of the half tubes and monolithic core. To aid in outer tube removal, once the back cap is removed, place the rear of the silencer on a flat surface and push downward.

Assembly & Modularity

Peel half tubes away from the monolithic core. When the Sparrow 22 is taken apart after firing, it must be cleaned before reassembly. Buildup of carbon and fouling will result in improper fit of the parts.





REASSEMBLY

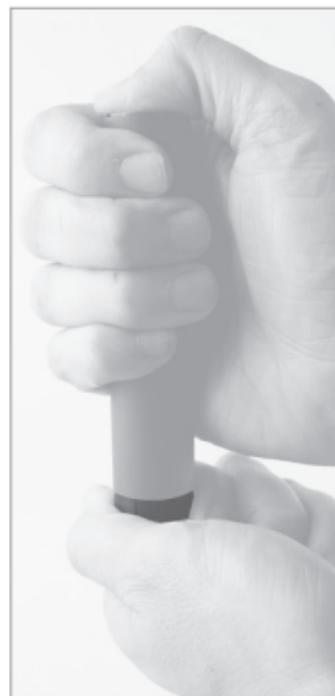
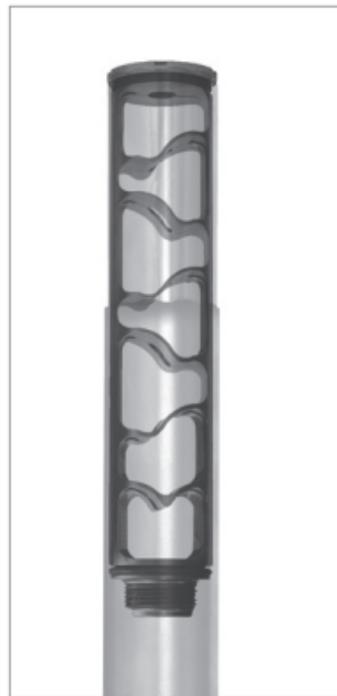
Ensure the three O-rings (**1A**, **1B**, **1C**) are in the proper grooves. A large O-ring (**1A**, **1B**) should be placed on each end of the monolithic core in the existing grooves, and a small O-ring (**1C**) should be in the groove where the muzzle threads engage the silencer body. Place the half tubes around the core so that the ends are flush against the shoulder at the front of the monolithic core and the side edges seat against the spines.

Assembly & Modularity

Slide the waved side of the outer tube over the half tubes and monolithic core until the tube rests against the waved shoulder of the front cap. Ensure that the waves of the tube and front cap interlock.

Screw back cap onto silencer body. As you are tightening, ensure that the waves of the tube and front cap remain interlocked. It is recommended to hold one thumb over the front cap as you install the back cap to aid in keeping the waved sections interfaced.

READY FOR USE



Maintenance

The user-serviceable nature of the Sparrow 22 makes cleaning quick and simple. It is recommended to clean the Sparrow 22 after 1,000 rounds, although greater frequency might be needed depending on the type of ammunition used. The Sparrow 22 internal components can be cleaned using solvents, light abrasive media, or certain chemical dips. DO NOT use solvents or ultrasonic cleaners on the outer tube, as damage to the finish may occur. If the finish of the outer tube becomes discolored, wipe the silencer with any high quality gun oil; this should restore the finish to the

factory condition. Disassemble the Sparrow 22 as listed in these instructions and clean using the suggested products. Dry all components thoroughly before reassembling.

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.**

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