

# F-4

MANUAL



Thank you for choosing to add an AB Suppressor to your firearms collection. Because we take pride in our products, it excites us to know that you have taken the step to join the AB family by adding one of our suppressors to your collection. We hope you enjoy your new suppressor and we hope to see you out there in the field or on the range.

Sincerely,

A handwritten signature in white ink, appearing to read 'BR', with a stylized flourish extending from the end.

*Brad Riley, Founder and CEO*



# F-4 OVERVIEW

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At a shockingly light 4.5oz, the F-4, and the 5.6oz F-4L, represent a pivotal advancement in 9mm PCC suppressor technology. Much like its predecessor, the Sabre, the F-4 and F-4L are designed with dedication in mind. Built from 100% Grade 5 Titanium and circumference welded for maximum strength.

Much of the F-4's beauty lies in its simplicity and ability to seemingly disappear from the end of the firearm during operation due to its near-zero footprint (less than 5 inches, less than 5 ounces). The F-4L is designed with 3 additional baffles, adding a mere 1.1 inches, but providing maximum sound suppression.

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Perfect for plug and play on any pistol caliber carbine, the F-4 and F-4L utilize a flush direct-thread mount on the barrel's shoulder (or taper for the MPX variant) for an all-muzzle-forward design. The fixed direct-thread mount makes for easy installation/removal, while keeping the overall length and total system weight to an absolute minimum. Wrench flats on the base of the mount make for easy torquing onto the firearm's muzzle, and ensure the suppressor stays securely in place during any course of fire.

# MOUNT TYPES

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The F-4 and F-4L utilize a fixed, flush mount with 1/2 x 28, 1/2 x 36, or 13.5 x 1 LH (with 12.5 degree taper to match Sig Sauer MPX barrel contour) threads.

*Other than the threads and adjoining shoulders, never allow the suppressor to contact the hand guard or shooting platform as this will affect accuracy.*

# MINIMUM BARREL LENGTH RESTRICTION

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9MM | None

300Blk | Subsonic Only

# FIRING SCHEDULE

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- A. Full Auto Rated
- B. Recreational and minimal full auto use will maximize the service life of the suppressor.
- C. Increased and or sustained fire can erode the bore, making your suppressor less efficient.

# CALIBER RESTRICTIONS

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**9MM** | Any SAMMI centerfire cartridge housing a projectile with a diameter less than or equal to 9mm.

**\* Not rated for supersonic centerfire rifle cartridges.**

# INSTALLING YOUR F-4

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After confirming that your firearm is unloaded and that the chamber is clear, remove any existing muzzle device or thread protector which may be present. Before attempting to install the F-4, please check to ensure that the host firearm's bore and threads are the correct size. Please call us at 913-829-3400 if you have any questions.

*DO NOT use any spacers or shims when installing your suppressor. Spacers or shims can possibly cause misalignment and are not needed with this product.*



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To install, align the threaded end of the F-4 with the barrel's threads and turn clockwise, or counter-clockwise for LH variant, to tighten. When installing, take care not to cross-thread. Continue threading the F-4 onto the barrel until it is firmly tightened down against the shoulder. Using two hands to support the suppressor, torque to 30 ft/lbs. Check baffle/bore alignment before firing.

*To remove from your firearm, reverse these instructions.*

**ALWAYS unload and clear firearm before installation or removal of the suppressor.**

# CLEANING & MAINTENANCE

The F-4 is a sealed can and maintenance is typically limited.

While there are no specific intervals for cleaning, we suggest that you clean your F-4 whenever you clean your firearm. Threads should periodically be cleaned using any standard gun cleaning solvent and a nylon, brass or bronze brush to remove any carbon build up. With a dry cloth, wipe all solvent and loosened build up from the threads of the suppressor.

*NEVER clean your suppressor while it is attached to a firearm.*

# MANUFACTURER'S DISCLAIMER

AB Suppressor is not responsible for improper usage of this product. It is the user's responsibility to understand and implement its proper use.

AB Suppressor is not responsible for criminal negligence, unintended use injuries, improper use injuries from modifications, injuries due to faulty ammunition or for injuries due to poor host threading.

*If you do not understand the instructions in this manual, please contact AB Suppressor for further clarification at 913-829-3400.*

# WARNING

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- A. DO NOT use any spacers or shims when installing your suppressor.
  - ▶ Spacers or shims can possibly cause misalignment and are not needed with this product.
- B. ALWAYS unload and clear firearm before installation or removal of the suppressor.
- C. NEVER clean your suppressor while it is attached to a firearm.
- D. If the suppressor becomes submerged for any reason, allow it to fully drain before firing.
- E. ALWAYS wear proper PPE for the task you are about to perform.
  - ▶ Follow cleaning supply recommendations.
  - ▶ Follow the firearm manufacturer's recommendations.

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- F. ALWAYS follow proper firearms safety and practices.
- ▶ Keep pointed in a safe direction.
  - ▶ Keep unloaded unless intending to fire.
  - ▶ Know your target and what is behind it.
  - ▶ Wear safety glasses.
  - ▶ Consult your firearms manual for full list.
  - ▶ More safety rules and videos can be found here:  
<https://www.nssf.org/safety/rules-firearms-safety/>
- G. DO NOT shoot frangible ammo.
- ▶ Frangible ammo can start to fragment when leaving the barrel and cause damage throughout your suppressor.
- H. DO NOT shoot unstable projectiles.
- ▶ Unstable projectiles may leave the free bore path and strike your suppressor.
- I. ALWAYS shoot quality factory loaded ammunition.
- ▶ Over or under pressured ammunition may cause unstable projectiles or projectile separation.

# WARNING

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- J. ALWAYS allow your suppressor to cool sufficiently before you or anyone else touches it or places it in a case to avoid burning/melting.
- K. ALWAYS ensure that your suppressor is properly tightened before shooting.
- L. ENSURE that your suppressor is properly aligned before shooting.
  - ▶ Use a suppressor alignment bore rod.
  - ▶ Have a competent gunsmith verify the concentricity of your host firearm's threads to the bore axis.

*Failure to follow instructions in this manual can create a potentially dangerous situation for the operator and damage to the suppressor and host firearm.*

# WARRANTY

AB Suppressor warrants that the enclosed suppressor device was originally manufactured free of defects in material, workmanship and mechanical function. For the lifetime of the purchaser, AB Suppressor agrees to correct any defect in the suppressor for the purchaser by repair, adjustment or replacement, at AB Suppressor's option, with the same or comparable quality components (or by replacing the suppressor at AB Suppressor's option).

*Please contact AB Suppressor at (913)829-3400 for warranty support prior to returning the suppressor.*

# CONTACT US

For customer service or warranty questions, you may contact us directly at 913-829-3400. For additional information, you can visit our website at [www.absuppressor.com](http://www.absuppressor.com).

913.829.3400

*New Century, KS 66031*

[www.absuppressor.com](http://www.absuppressor.com)

