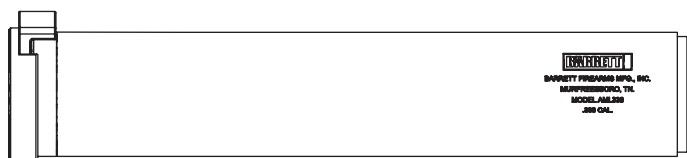


SUPPRESSOR



AML SUPPRESSOR

OPERATOR'S MANUAL

READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY BEFORE OPERATING THIS FIREARM; DO NOT DISCARD THIS MANUAL.



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MANUFACTURER'S DISCLAIMER

Barrett Firearms Manufacturing Inc. (BFMI) will not be responsible for injury, death, or damage to property resulting from either intentional or accidental discharge of this firearm or from its function when used for purposes or subjected to treatment for which it was not designed.

WARRANTY AND SERVICE

For one year from date of purchase, or per contract requirements, Barrett Firearms Manufacturing Inc. (BFMI), warrants to the original owner, that this product was manufactured free of defects in materials and workmanship. BFMI will correct any defect covered under the warranty by repair or replacement with the same or comparable model. BFMI will not be responsible for injury, death, or damage to property resulting from either intentional or accidental discharge of this firearm or from its function when used for purposes or subjected to treatment for which it was not designed. BFMI will not honor claims involving this product which result from careless or improper handling, unauthorized adjustment or parts replacement, corrosion, neglect, the use of the wrong caliber ammunition, or the use of ammunition not in good condition, or any combination thereof. Please visit **barrett.net** for any additional information.

If you need factory service, whether covered under warranty or not, please contact BFMI for instructions on how to have your rifle repaired.

Barrett Firearms Manufacturing Inc.
P.O. Box 1077
Murfreesboro, TN 37133-1077
615-896-2938

USE OF THIS MANUAL

Read this manual before you use or manipulate your Barrett product. It is important that you understand the principles of safe gun handling in general and the features of this product. This manual is not a substitute for training from a qualified instructor. Important safety topics are discussed in this chapter and throughout this manual. This manual should remain with the product and it should be transferred with the product to subsequent owners. Additional manuals can be ordered from Barrett Firearms Manufacturing Inc. or can be downloaded from the company website, **barrett.net**. Technical specifications are subject to change without notice.

SAFETY GUIDELINES

WARNING

FAILURE TO FOLLOW SAFETY GUIDELINES MAY CAUSE INJURY OR DEATH .

MUZZLE CONTROL

Always keep the muzzle pointed in a safe direction. Never allow your muzzle to point at anything that you do not intend to shoot. Upon firing, the muzzle device releases high-pressure gas from its ports that can damage objects or cause injuries. Keep everything away from the vicinity of the muzzle.

KEEP YOUR FINGER OFF THE TRIGGER

Keep your finger off the trigger and out of the trigger guard until your sights are aligned on your target and you intend to fire.

ASSUME EVERY FIREARM IS LOADED

Always treat every firearm as if it were loaded. Look and feel for an empty chamber. Do not trust the extractor to provide an empty chamber.

KEEP YOUR SAFETY ON

Keep your safety on until your sights are aligned on your target and you intend to fire.

AMMUNITION

Do not use hand loaded, re-manufactured, or surplus ammunition. Always use new, clean, dry, properly stored, and correct caliber ammunition from reputable manufacturers.

FAILURE TO FIRE

If your rifle fails to fire when you pull the trigger, do not open the action. Keep the rifle pointed toward a safe area and wait 2 minutes. If a hang-fire (slow ignition) has occurred, the round will probably fire within two minutes. If the round does not fire, remove and inspect the cartridge. If the primer is indented properly, discard it in a safe manner.

BEWARE OF BARREL OBSTRUCTIONS

Ensure the barrel's bore and chamber are free of obstructions before you fire your rifle. Even the smallest obstruction such as a stuck patch or grease will cause increased pressures that can rupture the barrel.

MAINTAIN YOUR RIFLE PROPERLY

Performing proper maintenance, as outlined in this manual, ensures that your rifle will be safe to shoot and will perform to design specification for many years. Alterations, modifications or adjustments may damage your rifle, make it unsafe to fire and will void warranty claims.

SAFETY DISTANCE

Bullets fired from this rifle may travel as far as 4 miles. Make certain that you have an adequate backstop.

HEARING PROTECTION

Always wear adequate hearing protection when the rifle is firing; wear both earplugs and shooting muffs together for maximum protection. This includes observers. Observers should always be behind the shooter.

EYE PROTECTION

Appropriate eye protection should be worn when both shooting and maintaining your rifle. It is normal for firing to generate airborne dust and debris. Protect your eyes from solvents and parts under spring pressure while performing maintenance on your rifle.

STORE YOUR RIFLE SAFELY

It is your responsibility to take reasonable precaution to secure your rifle, keep it properly secured and prevent unauthorized use.

ALCOHOL, MEDICATIONS AND DRUGS

Do not handle or operate your rifle under the influence of alcohol, medication or drugs.

LEAD EXPOSURE

Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result to exposure to lead and other substances. Maintain adequate ventilation at all times. Thoroughly wash hands after exposure.

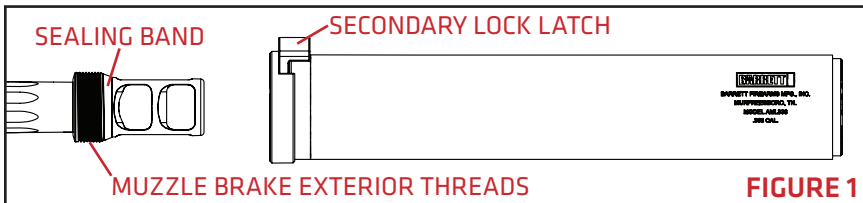
⚠ WARNING

THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS, INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO www.P65Warnings.ca.gov.

SPECIFICATIONS

Barrett suppressors are designed to offer high decibel reduction and other key factors such as accuracy, repeatable point of impact shift, lightweight, and flash reduction. The suppressor threads are specifically designed to attach to a Barrett adaptor mount muzzle brake.


AML338	
MATERIAL	Titanium Alloys
WEIGHT	25 oz
OVERALL LENGTH	10.25 in.
ADDED LENGTH	7.56 in.
DIAMETER	1.875 in.
AUDIBLE SIGNATURE	Less than 140 dB
CALIBER	338 and less



INSTALLATION

⚠ WARNING

UNLOAD THE RIFLE BEFORE INSTALLING THE SUPPRESSOR.

1. Ensure the firearm is pointed in a safe direction, unloaded, and the safety lever is in the  (safe) position.
2. Remove muzzle brake thread protector if equipped.

3. Inspect the muzzle brake threads, suppressor threads, bore and breech end of the suppressor to ensure they are free from damage and debris. If needed, clean the threads and the sealing band with a soft bristle brush or rag.
4. Depress and hold the suppressor locking latch (**FIGURE 2-A**) and slide the suppressor over the adaptor mount brake until the suppressor threads engage the muzzle brake threads (**FIGURE 2-B**).

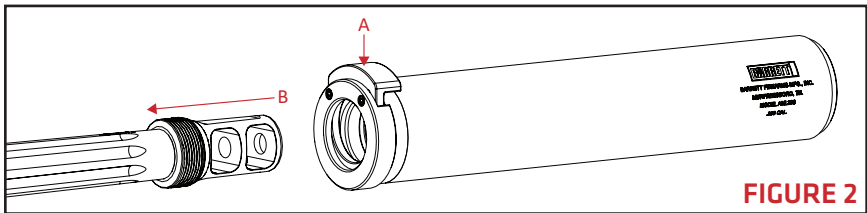


FIGURE 2

5. Once the muzzle brake threads engage the suppressor threads release the secondary locking latch and tighten the suppressor until hand tight (**FIGURE 3**). Do not overtighten.

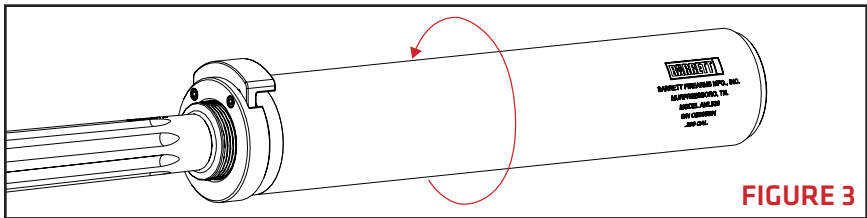


FIGURE 3

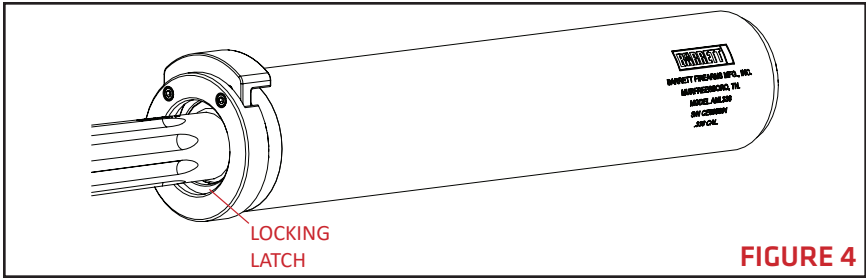
⚠ CAUTION

DO NOT CONTINUE TO TIGHTEN SUPPRESSOR IF INCREASED RESISTANCE IS FELT. THIS MAY INDICATE DEBRIS IN THREADS OR CROSS-THREADING OF THE MUZZLE BRAKE AND SUPPRESSOR THREADS.

⚠ CAUTION

DO NOT OVERTIGHTEN SUPPRESSORS ON THE MUZZLE BRAKE THREADS.


6. Ensure the secondary locking latch is fully engaged behind the muzzle brake (**FIGURE 4**).



REMOVAL

⚠ WARNING

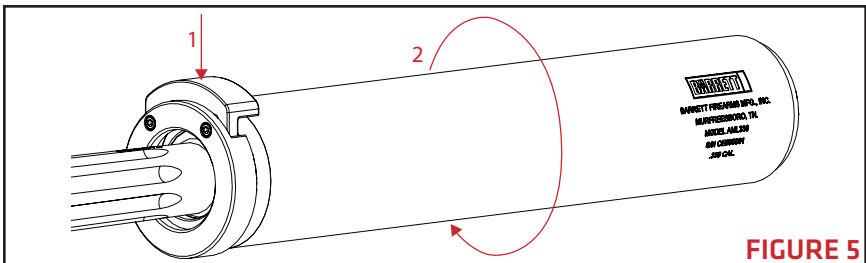
UNLOAD THE RIFLE BEFORE INSTALLING THE SUPPRESSOR.

1. Ensure the firearm is pointed in a safe direction, unloaded, and the safety lever is in the  (safe) position.
2. If needed, allow the suppressor to cool for a 5-10 minutes or until cool to the touch.

⚠ WARNING

CENTERFIRE RIFLE SUPPRESSORS ARE KNOWN TO REACH TEMPERATURES IN EXCESS OF 800°F DURING HEAVY USE. ENSURE THE SUPPRESSOR DOES NOT CONTACT SKIN, CLOTHING OR COMBUSTIBLE MATERIAL WHILE IT IS HOT.

3. Hold the secondary lock latch down (**FIGURE 5-A**) and rotate the suppressor counter clockwise to remove from muzzle brake (**FIGURE 5-A**).



4. Once the suppressor threads disengage from the muzzle brake, pull the suppressor straight away from the barrel to remove.
5. Inspect muzzle brake and suppressor threads for damage or debris

SUPPRESSOR MAINTENANCE

CLEANING INTERVALS

The suppressor threads should be wiped and inspected prior to every installation and after every removal. In addition, the suppressor should be cleaned every 500 rounds. If user exceeds 500 rounds, multiple cleaning cycles (6-hour soak/15-minute ultra-sonic rinse) may be required to clean the suppressor.

⚠ CAUTION

DO NOT EXCEED 750 ROUNDS WITHOUT CLEANING THE SUPPRESSOR.

⚠ CAUTION

DO NOT INSERT CLEANING PATCHES THROUGH INTERIOR OF SUPPRESSOR.

SUPPRESSOR CLEANING PROCEDURE

1. Remove suppressor from rifle.
2. Plug the exit hole of the suppressor and fill the inside of the suppressor with Calcium Lime Rust (CLR)[®] or other cleaning solution.
3. Allow filled suppressor to soak for a minimum of 6 hours to a maximum of 24 hours.

⚠ CAUTION

DO NOT SUBMERGE SUPPRESSOR IN CLR OR ALLOW CLR TO CONTACT EXTERNAL SUPPRESSOR COATING OR SCREWS.

4. Remove plug and drain suppressor
5. Rinse suppressor in ultra-sonic cleaner for a minimum of 10 minutes to a maximum of 15 minutes
6. Dry the inside of the suppressor with compressed air.
7. Clean suppressor threads with nylon brush
8. Inspect muzzle brake and suppressor threads to ensure they are clear of debris and carbon build up.



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