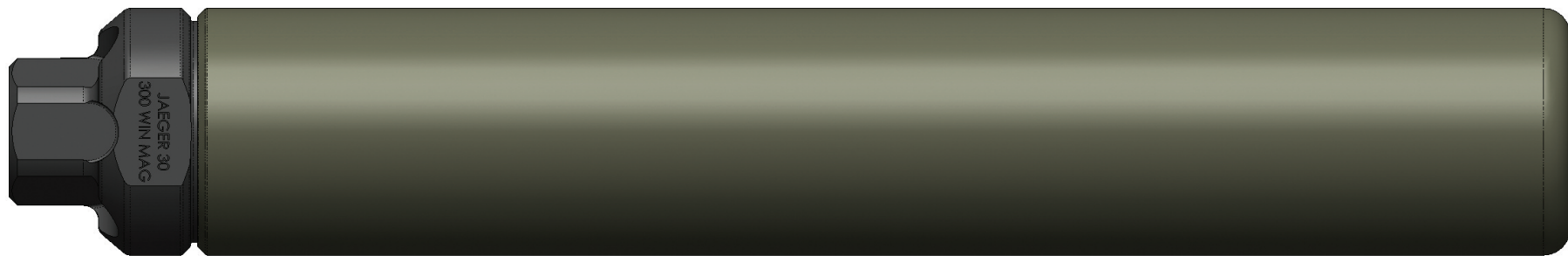


TM-JAEGER™ 30

TECHNICAL MANUAL FOR
OPERATION AND MAINTENANCE

OF SILENCER MODEL

JAEGER 30
(yā-gər)



AAC
ADVANCED ARMAMENT CORP.

1816 Remington Circle SW
Huntsville, AL 35824

ADVANCED ARMAMENT CORPORATION**Limited Lifetime Warranty for Silencers**

ADVANCED ARMAMENT CORP. ("AAC") warrants to the original purchaser ("Purchaser") of a new Silencer from AAC that such Silencer shall be free from defects in material and workmanship for the duration of time that the Purchaser originally owns that Silencer. AAC, in its sole discretion, shall repair or replace the Silencer if the Purchaser submits a valid warranty claim in accordance with these instructions. If AAC opts to replace the Silencer, AAC will keep the Silencer that it replaces. The Purchaser's remedies under this warranty are limited to repair or replacement of the Silencer; AAC will not provide cash, credit, or refund, nor will AAC return any parts that it replaced. AAC does not warrant against any type of defect to the Silencer that AAC did not cause, including but not limited to defects or failures arising out of:

1. Failure to provide proper care and maintenance,
2. Accidents, abuse, or misuse,
3. Silencer obstruction,
4. Hand-loaded, reloaded, or improper ammunition,
5. Unauthorized adjustments, repairs, or modifications, or
6. Normal wear and tear.

Additionally, REMINGTON EXCLUDES AND WILL NOT PAY INCIDENTAL OR CONSEQUENTIAL DAMAGES UNDER THIS WARRANTY. INCIDENTAL OR CONSEQUENTIAL DAMAGE MEANS ANY LOSS, EXPENSE, OR OTHER DAMAGE THAT CANNOT BE REMEDIED BY EITHER REPAIRING ANY DEFECT IN THE FIREARM OR BY REPLACING THE FIREARM. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. THIS WARRANTY ALSO EXCLUDES ANY OTHER WARRANTIES, TO INCLUDE IMPLIED WARRANTIES. Furthermore, no individual or entity other than AAC possesses the authority to alter the obligations, limitations, disclaimers, or exclusions under this warranty. AAC's obligations under this warranty shall not apply to the extent that any law, regulation, or other governmental requirements prohibits the repair, replacement and, or, return of a Silencer to the person who shipped the Silencer to AAC.

The Purchaser, in order to achieve eligibility under this warranty, must be able to produce, on request, Purchaser's original sales receipt for the Silencer that clearly indicates that Purchaser is the original purchaser at retail. The Purchaser, upon discovering a defect in material or workmanship in the silencer, shall contact AAC at 770-925-9988 or techinfo@advanced-armament.com

Upon receiving the Purchaser's correspondence or phone call, AAC shall provide instructions to the Purchaser governing the manner in which to return the Silencer for repair or replacement.

Repair Policy

Should the silencer require repair or modification, the owner should contact AAC Customer Service to secure a Return Merchandise Authorization (RMA). Once the customer has the RMA, they may then ship the silencer insured to AAC for evaluation and repair, along with a photocopy of the approved form proving ownership and a brief letter detailing the customer's concerns and contact information.


Manufacturer's Disclaimer

ADVANCED ARMAMENT CORP. shall not be responsible in any manner whatsoever for physical injury or property damage stemming from criminal or negligent misuse, improper or careless handling, unauthorized modifications, defective, improper hand-loaded or reloaded ammunition, neglect, or other influences beyond our direct and immediate control. If you do not understand the instructions and recommendations in this manual, contact ADVANCED ARMAMENT CORP. at 770-925-9988 for clarification.

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This manual contains operating, care, and maintenance instructions. To assure safe operation, any user of this silencer must read and understand this manual before using the silencer. Failure to follow the instructions and heed the warnings in this manual can cause property damage, personal injury, and/or death. This manual should always accompany this silencer, and be transferred with it upon change of ownership.
WARNING Keep this silencer out of the reach of children, unauthorized and/or prohibited individuals, and others unfamiliar with the safe handling of firearms and silencers.

	Alert Symbols and Definitions:
WARNING!	Indicates a hazardous situation which, if not avoided, could result in property damage, personal injury, or death.
CAUTION!	Indicates a hazardous situation which, if not avoided, could result in minor to moderate personal injury.
NOTE:	Addresses practices not relating to personal injury.

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OPERATIONAL MANUAL FOR SILENCER MODEL JAEGER 30

Distributed by

ADVANCED ARMAMENT CORP.

Phone: (770) 925-9988

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THE TEN COMMANDMENTS OF FIREARM SAFETY

1. Always keep the muzzle pointed in a safe direction.
2. Firearms should be unloaded when not actually in use.
3. Do not rely on your firearm's safety.
4. Be sure of your target and what is beyond it.
5. Only use ammunition that exactly matches the markings on your firearm.
6. If your firearm fails to fire when the trigger is pulled, handle with care.
7. Always wear eye and hearing protection when shooting.
8. Be sure the barrel is clear of obstructions before shooting.
9. Do not alter or modify your firearm and have it serviced regularly.
10. Learn the mechanics and handling characteristics of your firearm.
Read your firearm's instruction manual.

WARNING! Failure to follow the instructions and recommendations set forth in this manual can create a potentially dangerous situation for the user and surrounding personnel, possibly leading to property damage, personal injury and/or death.

WARNING! Failure to follow the caliber/barrel length and rate of fire limits specified in this manual can result in damage to the suppressor, possibly leading to property damage, personal injury and/or death.

WARNING! DO NOT use an auxiliary thread adapter between your host weapon barrel and a JAEGER 30. Using an auxiliary thread adapter between your host weapon barrel and a JAEGER 30 could lead to misalignment between the host weapon bore and the JAEGER 30 silencer, which could lead to property damage, personal injury and/or death.

WARNING! Always wear protective gear, such as eye protection and solvent-resistant gloves when working with any solvent. Only use solvents in a well-ventilated area away from open flames. Unsafe use of solvents may lead to property damage, personal injury and/or death.

WARNING! DO NOT use a crush washer or compression washer when installing a JAEGER 30. Installing a JAEGER 30 with a crush washer or compression washer can lead to misalignment between the JAEGER 30 and the host weapon bore. Misalignment of a JAEGER 30 and the host weapon bore can create a dangerous situation that

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may lead to property damage, personal injury and/or death.

WARNING! Never install or remove a silencer on or from a host firearm that you have not verified to be completely empty and rendered safe. Installing or removing a silencer on or from a loaded firearm may lead to property damage, personal injury and/or death.

WARNING! The JAEGER 30 is designed for use on modern rifles and carbines in serviceable condition. It is the user's responsibility to ensure the intended host firearm is in serviceable condition. Using a JAEGER 30 on firearms that are not in serviceable condition can lead to property damage, personal injury and/or death.

WARNING! The barrel threads must be properly machined to allow proper attachment of a JAEGER 30. The use of an improperly threaded barrel with a JAEGER 30 may lead to property damage, personal injury and/or death. For further clarification on muzzle threads, contact ADVANCED ARMAMENT CORP. at 770-925-9988.

WARNING! The bore through your JAEGER 30 must align concentrically with the bore of the barrel to which it is mounted. A misalignment of the silencer and barrel bore may lead to property damage, personal injury and/or death.

WARNING! Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

CAUTION! Silencers can become extremely hot while the host firearm is being discharged. After shooting, allow the silencer to reach ambient temperature before attempting to remove the silencer from the firearm. If removal is necessary prior to the silencer cooling to ambient and/or the tightness of the silencer on the host firearm barrel must be verified, the use of heat-resistant gloves is mandatory. Handling a hot silencer without heat resistant gloves may lead to skin burns and/or personal injury.

CAUTION! Always wear eye and hearing protection when discharging a firearm. Discharging a firearm without wearing eye and hearing protection may lead to personal injury.



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GENERAL DESCRIPTION

The JAEGER 30 is a feature-rich hunting silencer from AAC that combines high-performance and light weight with an extremely attractive price. The JAEGER 30 features bi-metallic construction. The industry-standard 5/8-24 mount and blast chamber are machined from durable and light-weight 6AL-4V titanium. The body and monocoire are both machined from hardcoat anodized 7075-T6 aluminum alloy. Both materials were chosen for their light weight and durability, and are more than up to the task of a low-rate-of-fire hunting silencer. The JAEGER 30 is intended for use on single-shot or manually-operated firearms chambered for cartridges up to 300 Winchester Magnum. Please read this manually fully to understand the barrel length and rate-of-fire limitations.

The revolutionary design of the JAEGER 30 baffle core significantly reduces felt recoil, environmental disturbance, and aids in the preservation of the hearing of shooters and observers. In numerous circumstances, the JAEGER 30 may deliver an overall sound signature below the pain threshold and risk limit for hearing loss*.

** The cumulative effects of sound on hearing are influenced by multiple factors, including but not limited to the sound level, the total amount of time (or number of times) one is exposed, barrel length, type of firearm operating system, ammunition selection, and the surrounding environment. Also, unforeseen events, such as case ruptures, can expose the user and bystanders to sound levels well beyond the level of suppressed fire. For these reasons, AAC recommends the use of hearing protection, even when shooting with a suppressor.*

BARREL LENGTH, AND RATE-OF-FIRE LIMITATIONS

The JAEGER 30 was designed from the ground-up as a hunting silencer for low rate-of-fire applications using single-shot or manually operated (i.e. bolt/pump action) firearms chambered up to and including 300 Winchester Magnum. Unlike heavy and expensive all-stainless-steel or titanium silencers, the Jaeger 30 construction is a combination of titanium and 7075-T6 aluminum alloy. When used within the limitations specified in this manual, this combination of materials yields a silencer that will give hunters many, many years of effective use. The Jaeger 30 is designed for use with the calibers listed in the following table, so long as the specific caliber is used with a barrel with a length that is at least the specified minimum length for that caliber as specified in the table.

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CALIBER	MINIMUM BARREL LENGTH
300 WINCHESTER MAGNUM	24"
7mm REMINGTON MAGNUM	24"
308 WINCHESTER/7.62 X 51	16"
30-06 SPRINGFIELD	16"
6.5 CREEDMOOR	16"
30-30 WINCHESTER	16"
223 REMINGTON/5.56 X 45	16"
300 AAC BLACKOUT	9"
7.62 X 39mm	16"

WARNING! Regardless of caliber and barrel length, always allow your JAEGER 30 to cool to ambient temperature *after every ten rounds of fire*. Failure to allow your JAEGER 30 to cool to ambient after every ten rounds of use may lead to property damage, personal injury and/or death.

INSTALLING A JAEGER 30 SILENCER ONTO A HOST FIREARM

WARNING! Never attempt to attach a JAEGER 30 to a host firearm with muzzle threads that are dirty or damaged, as this may lead to property damage, personal injury and/or death.

WARNING! Never attempt to attach a JAEGER 30 with dirty or damaged mounting threads to a host firearm muzzle, as this may lead to property damage, personal injury and/or death.

WARNING! Never use a silencer with an obstructed bore, as this may lead to property damage, personal injury and/or death.

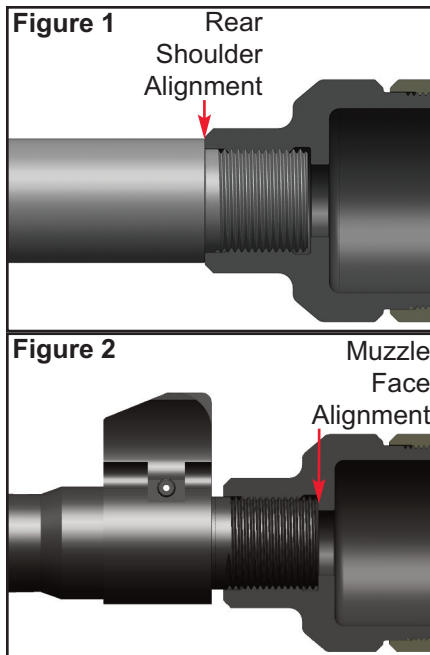
WARNING! The bore through your JAEGER 30 must align concentrically with the bore of the barrel to which it is mounted. A misalignment of the silencer and barrel bore may lead to property damage, personal injury and/or death.

NOTE: Most host-firearms that can be used with the JAEGER 30 will feature a 5/8" length of 5/8 x 24 muzzle threads with a shoulder that is cut perpendicular to the host firearm bore located behind the threads. An example of the relationship between the JAEGER 30 silencer and a barrel with a perpendicular shoulder is illustrated to the

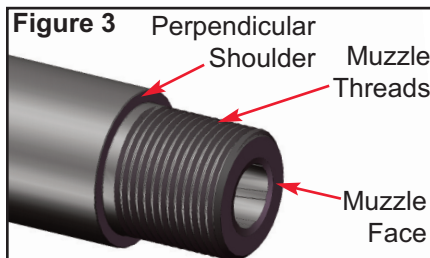
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right in Figure 1. This figure shows the threaded muzzle engaged inside the 5/8-24 threaded socket of the JAEGER 30. The rear face of the threaded socket sits squarely against the perpendicular shoulder on the barrel. There are, however, some host firearms with 5/8 x 24 muzzle threads that do not have a perpendicular shoulder behind the threads. This may be due to barrel having an insufficient diameter for a shoulder, or the presence of a front sight block with no perpendicular surface. To accommodate barrels with no perpendicular shoulder and/or an extra-long, non-standard length of 5/8 x 24 thread, the JAEGER 30 incorporates an internal shoulder in the front of the threaded socket that provides proper alignment against the muzzle face. The muzzle-indexing relationship is shown in Figure 2.



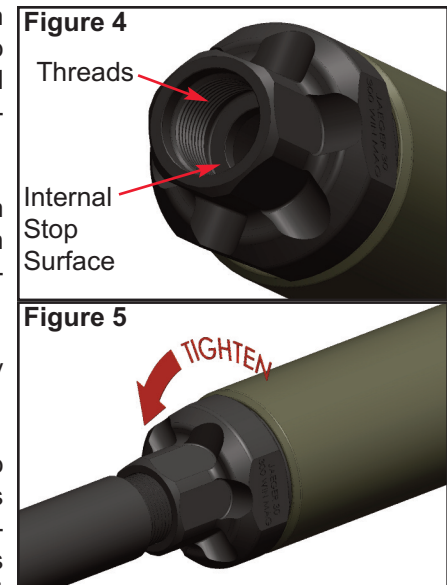
1. Always keep the firearm pointed in a safe direction.
2. Render the firearm safe by removing the magazine, completely unloading the firearm and engaging the safety mechanism to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. If the threads on the host firearm muzzle are covered with a thread-protector cap or other muzzle-mounted device, expose the threads by removing the cap or muzzle-mounted device.
4. Inspect the threads on the exterior of the host firearm muzzle, the perpendicular shoulder behind the threads (if present), and the muzzle face to verify they are clean and undamaged. See Figure 3.



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5. Inspect the threaded socket in the rear of the JAEGER 30 to verify the threads and internal stop surface are clean and undamaged. See Figure 4.
6. Look through the silencer from the rear to ensure the bullet path through the silencer is unobstructed.
7. Examine the silencer for any signs of damage.
8. Carefully screw the silencer onto the host firearm muzzle threads in the direction indicated in Figure 5, until the mating surfaces of the JAEGER 30 and host firearm are engaged and fully secured.



WARNING! User must ensure the JAEGER 30 silencer stays securely threaded to the host firearm muzzle during use. Failure to ensure the silencer stays securely threaded to the host firearm muzzle may lead to property damage, personal injury and/or death.

NOTE. Do not over-tighten the silencer onto the host firearm muzzle, as it may be difficult to remove.

VERIFYING THE SECURE INSTALLATION OF A JAEGER 30

1. Keep the host firearm pointed in a safe direction.
2. Render the firearm safe by removing the magazine, completely unloading the firearm and engaging the safety mechanism to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. Verify the silencer is at ambient temperature. If the silencer is hot, allow it to cool or put on heat-resistant gloves before proceeding to step 4.

CAUTION! Never handle a hot silencer without heat-resistant gloves, as this may lead to skin burns and/or personal injury.

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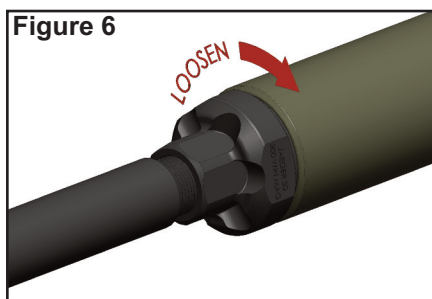
4. Tighten the silencer onto the host firearm barrel in the direction indicated in Figure 5.

REMOVING A JAEGER 30 FROM A HOST FIREARM

1. Keep the host firearm pointed in a safe direction.
2. Render the firearm safe by removing the magazine, completely unloading the firearm and engaging the safety mechanism to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. Verify the silencer is at ambient temperature. If the silencer is hot, allow it to cool.

CAUTION! Never handle a hot silencer without heat-resistant gloves, as this may lead to skin burns and/or personal injury.

4. While firmly grasping the mount, unscrew the silencer from the muzzle threads in the direction indicated in Figure 6.



NOTE: If the silencer will not unscrew from the host firearm by hand, a 13/16" open-end wrench can be used to engage the flats of the titanium silencer mount to aid in removal.

CLEANING THE JAEGER 30

WARNING! Only perform cleaning and maintenance procedures on silencers that are not mounted to a firearm. Attempting to clean or perform maintenance on a mounted silencer could lead to property damage, personal injury and/or death.

WARNING! Always wear protective gear, such as eye protection and solvent-resistant gloves when working with any solvent. Only use solvents in a well-ventilated area away from open flames. Unsafe use of solvents may lead to property damage, personal injury and/or death. WARNING! The JAEGER 30 is a sealed design and is not intended to be taken apart. DO NOT attempt to disassemble the JAEGER 30. At-

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tempts to do so will likely result in damage to the silencer and its components and will void the manufacturer's warranty. Using a damaged suppressor may lead to property damage, personal injury and/or death.

WARNING! DO NOT use an ultrasonic cleaner to clean your JAEGER 30. Ultrasonic cleaners will damage the aluminum tube and aluminum monocoque. Using a damaged suppressor may lead to property damage, personal injury and/or death.

NOTE: Due to the barrel-length/ammunition and low-rate-of-fire limitations, the JAEGER 30 requires minimal maintenance.

1. If the JAEGER 30 is mounted to a host firearm, remove it following the instructions in the manual under the heading "Removing your JAEGER 30 from a host firearm".
2. Immerse the JAEGER 30 in lacquer thinner, mineral spirits, or acetone, and allow it to soak for 24 hours.
3. After soaking, allow solvent to drain from the JAEGER 30, first from one end, then from the other.
4. Clean the threaded socket in the rear of the JAEGER 30 with a soft bristle brush and solvent. See Figure 7.
5. Wipe the exterior of the JAEGER 30 with a rag or paper towel moistened with Rem® Oil or Rem® Oil Pro³™.
6. Allow all traces of solvent to evaporate prior to reinstalling your JAEGER 30 on a host firearm and firing through it.

