

# TM-ILLUSION 9™

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TECHNICAL MANUAL FOR  
OPERATION AND MAINTENANCE  
OF SILENCER MODEL  
**ILLUSION 9**



**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. 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, AAC EXCLUDES AND WILL NOT PAY INCIDENTAL OR CONSEQUENTIAL DAMAGES UNDER THIS WARRANTY. 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](mailto: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 use 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.

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

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**OPERATIONAL MANUAL FOR SILENCER MODEL ILLUSION 9**

*Distributed by*

**ADVANCED ARMAMENT CORP.**

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[www.advanced-armament.com](http://www.advanced-armament.com)

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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 ear 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, and possibly leading 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!** Always wear eye protection when discharging a firearm equipped with a silencer. Discharging a firearm without wearing eye protection may lead to property damage, personal injury and/or death.

**WARNING!** The ILLUSION 9 is designed for use on modern semi-automatic pistols and semi-automatic carbines in serviceable condition. It is the user's responsibility to insure the intended host firearm is in serviceable condition. Using an ILLUSION 9 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 an ILLUSION 9. The use of an improperly threaded barrel with a silencer may lead to property damage, personal injury and/or death. Barrel threading guides are available on

the AAC website at [www.advanced-armament.com](http://www.advanced-armament.com). For further clarification on muzzle threads, contact ADVANCED ARMAMENT CORP. at 770-925-9988.

**WARNING!** The bore through your ILLUSION 9 must align concentrically with the bore of the barrel to which it is mounted. A mismatch of the silencer and barrel bore may lead to property damage, personal injury and/or death.

**WARNING!** Only fire standard pressure (Not +P) ammunition through an ILLUSION 9. The use of ammunition other than standard pressure ammunition may lead to property damage, personal injury and/or death.

**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.

**WARNING!** Discharging silenced firearms can make airborne and/or deposit lead and other substances around, on and in the silencer. Using, handling and/or cleaning a silencer may result in exposure to lead and other substances known to cause birth defects, reproductive harm, cancer and other serious physical injury. Have adequate ventilation at all times and wash hands thoroughly after exposure.

**NOTE:** Only use ammunition that features a projectile with a total metal jacket or total metal plating. This will significantly minimize the buildup of lead in the silencer. Projectiles with any exposed lead will deposit lead inside the silencer, necessitating more frequent and comprehensive cleaning.

### GENERAL DESCRIPTION

Congratulations! You are now the proud owner of the only high-performance, dry technology 9mm silencer available in the marketplace today that offers users an *unobstructed sight picture*. That's right, the anodized aluminum and stainless steel body of the ILLUSION 9 can be quickly and

easily aligned so that the user has a sight picture that is unobstructed by the silencer.

Although the ILLUSION 9 was designed primarily for use with 9mm Luger ammunition, it can also be used with other ammunition calibers that include identical or lesser (a) bullet diameter, and (b) power level.

**WARNING! Do not use this silencer with ammunition (a) that includes a projectile with a greater diameter than the diameter of the projectile for 9mm Luger ammunition, or (b) a power level greater than that of 9mm Luger standard pressure (Not +P or +P+) ammunition. The use of ammunition with a projectile with a greater diameter than the diameter of the projectile for 9mm Luger ammunition, or a power level greater than that of 9mm Luger standard pressure ammunition may lead to property damage, personal injury and/or death.**

Please take a few minutes to read through this technical manual and familiarize yourself with the details on the proper use and maintenance of your ILLUSION 9. The ILLUSION 9 enables reliable semi-automatic operation on most contemporary locked-breech host pistols through the use of an innovative new version of AAC's A.S.A.P. System. A variety of A.S.A.P. accessory piston adapters are available to accommodate the majority of muzzle threads found in today's marketplace. Additionally, a fixed barrel spacer is available for adapting the ILLUSION 9 for use on fixed (non-moving) barreled, semi-automatic carbines.

### INSTALLING YOUR ILLUSION 9 ON A HOST FIREARM

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 to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. Remove the thread protector from the muzzle.
4. Inspect the muzzle threads to verify they are clean and undamaged
5. Inspect the threads in the rear of the A.S.A.P.™ piston to verify they are clean and undamaged.
6. Look through the silencer from the rear to insure the bullet path through the silencer is unobstructed.

7. Examine the silencer for any signs of damage.

**NOTE:** All A.S.A.P. pistons are marked with the thread size and pitch of the threads in the rear of the piston shaft as well as a directional arrow indicating the direction of rotation to properly install the piston/silencer on the host firearm muzzle threads. See Figure 1.

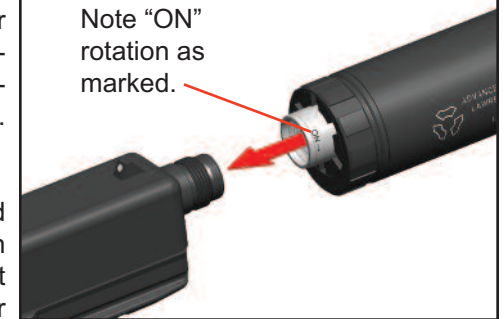
Figure 1



8. Carefully screw the silencer onto the host firearm's muzzle threads in the "ON" direction indicated on the piston. See Figure 2.

Figure 2

Note "ON" rotation as marked.



9. Tighten the silencer by hand in the direction indicated on the piston with sufficient torque to keep the silencer securely threaded onto the barrel during operation.

**WARNING! Never attempt to attach an ILLUSION 9 to muzzle threads that are dirty or damaged, as this may lead to property damage, personal injury and/or death.**

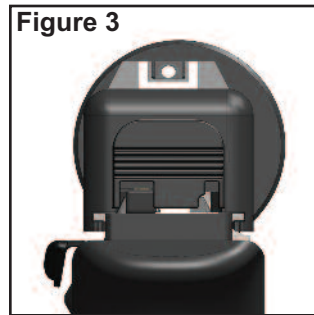
**WARNING! Never attempt to attach an ILLUSION 9 with dirty or damaged A.S.A.P. piston threads to a firearm, as this may lead to property damage, personal injury and/or death.**

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

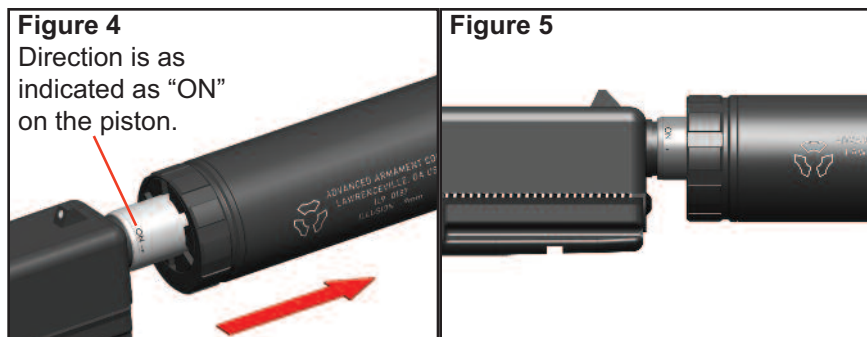
**WARNING! It is the responsibility of the user to insure the silencer stays securely threaded to the barrel of the host firearm during use. Failure to insure the silencer stays securely threaded to the host firearm may lead to property damage, personal injury and/or death.**

### ALIGNING YOUR ILLUSION 9 ON A HOST FIREARM

In all likelihood, the first time you install the ILLUSION 9 on a host firearm, it will not be aligned and will present you with a sight picture similar to the one depicted in Figure 3. It is, however, extremely easy and convenient to align the ILLUSION 9 so that the bulk of the silencer lies below the bore axis. This will present you, the shooter, with an unobstructed sight picture. The following instructions detail safe and proper alignment of the ILLUSION 9.



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 to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. With the unloaded host firearm held firmly in one hand, grasp the silencer with the other hand. Pull forward on the silencer, against tension from the A.S.A.P. System driving spring. This will disengage the splines on the piston head from the locking recesses in the piston housing, enabling the silencer to rotate about the piston axis. Rotate the silencer in the direction of installation, until the engraving on the silencer is in the 3 o'clock position (as seen from the rear). When the engraving is so aligned, the bulk of the silencer is now below the bore axis, providing an unobstructed sight picture. See Figures 4 and 5.
4. Release forward tension on the silencer, which will reset under spring tension and allow the splines on the piston head to re-engage the lock-



**Figure 4**  
Direction is as indicated as "ON" on the piston.

**Figure 5**

ing recesses in the piston housing. It may be necessary to rotate the silencer slightly to allow the splines to engage and allow the A.S.A.P. system to fully seat.

### VERIFYING SECURE INSTALLATION OF YOUR ILLUSION 9

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 to the "SAFE" position. See the firearm's owner's manual for detailed instructions.

**CAUTION! Silencers can become extremely hot while the host firearm is being shot. Heat-resistant gloves must be worn when verifying the security of the installation of an ILLUSION 9 on the host firearm. Handling a hot silencer without heat-resistant gloves may lead to skin burns and/or personal injury.**

3. Carefully tighten the silencer onto the host firearm's muzzle threads in the "ON" direction indicated on the piston. See Figure 2.

### REMOVING YOUR ILLUSION 9 FROM A HOST FIREARM

1. Always 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 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. Carefully unscrew the silencer from the host firearm's muzzle threads in the opposite of the "ON" direction in-



**Figure 6**  
Unscrew in *opposite* direction of "ON" rotation arrow.

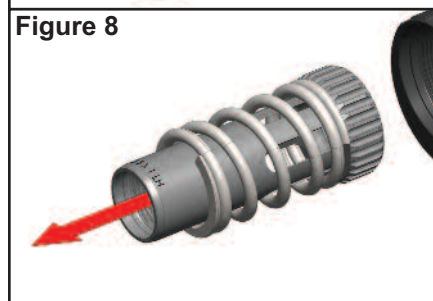
licated on the piston. See Figure 6.

### DISASSEMBLING YOUR ILLUSION 9 A.S.A.P. SYSTEM

The A.S.A.P. System can be quickly and easily disassembled for cleaning, maintenance, or to simply swap one A.S.A.P. System piston for one with a different barrel interface thread. It is recommended that users disassemble and clean the A.S.A.P. System after every 500 rounds or after every range visit to remove accumulated fouling.

**WARNING! Only perform disassembly, 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.**

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 to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. Remove the silencer from the host firearm. See "Removing your ILLUSION 9 from a host firearm" in this manual.
4. Using the supplied spanner tool, unscrew and remove the rear cap from the piston housing. See Figure 7.
5. Extract the piston and driving spring. See Figure 8.
6. Remove the driving spring from the piston shaft. See Figure 9.

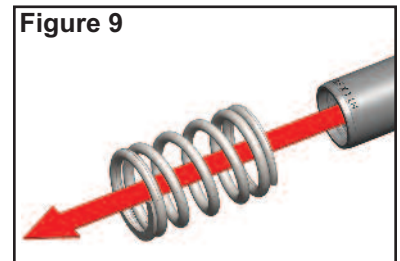


### CLEANING/MAINTAINING THE A.S.A.P. SYSTEM

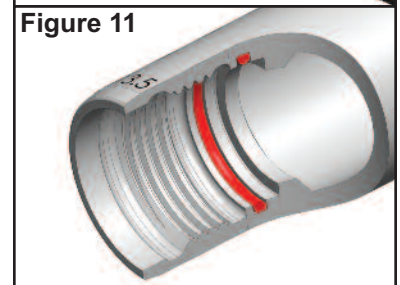
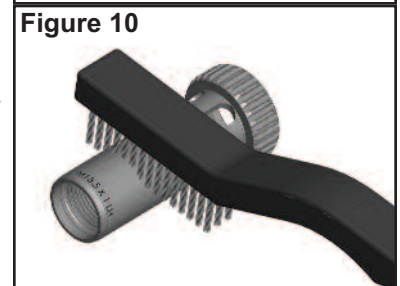
**WARNING! Only perform disas-**

**sembly, 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.**

1. Using a plastic bristle brush and solvent, clean the exterior of the A.S.A.P. piston of any accumulated carbon. See Figure 10.



2. Using a plastic bristle brush and solvent, clean the bore and threads of the A.S.A.P. piston adapter of any accumulated carbon. Some pistons have O-rings located in grooves inside the threaded socket. These O-rings grip sections of the host firearm barrel and minimize the potential for the silencer to unscrew while in use. An O-ring is shown colored red in Figure 11. If the visible surface of the O-ring appears worn or frayed, replace it. See the Viton O-ring fitment guide at the end of this instruction manual for O-ring size and procurement information.



**WARNING! Do not use sandpaper or emery cloth to clean any part of an ILLUSION 9. Abrasives more aggressive than ScotchBrite may damage the precision contact surfaces of the piston, piston housing, and rear cap, resulting in friction that can lead to malfunctions of the ILLUSION 9 and host firearm. A malfunctioning silencer and/or host firearm is a dangerous situation that can lead to property damage, personal injury and/or death.**

**WARNING! 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.**

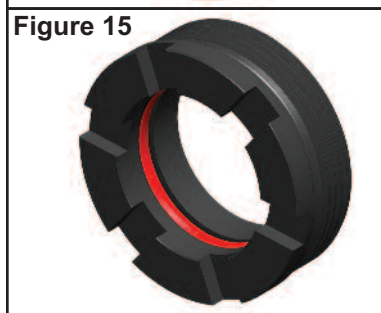
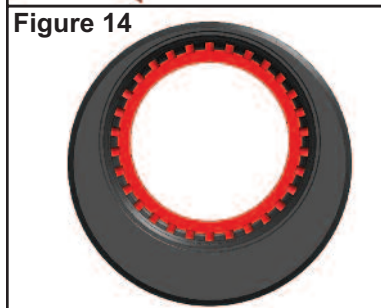
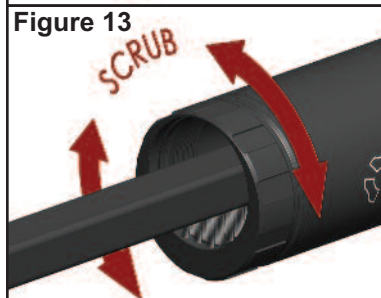
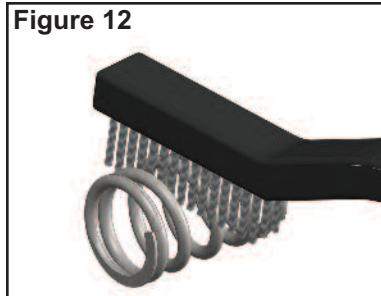
**WARNING! All traces of solvent must be allowed to evaporate prior**

**to reassembling the A.S.A.P. System. Failure to remove all traces of solvent from the A.S.A.P. System prior to use may lead to property damage, personal injury and/or death.**

3. Using a plastic bristle brush and solvent, clean the driving spring of any loose material or carbon buildup. See Figure 12.
4. Using a plastic bristle brush and solvent, scrub the piston housing bore in the rear of the silencer. See Figure 13. Insure the piston index notches and piston stop-surfaces located on the inside of the piston housing are free of carbon buildup. The piston stop-surface and index notches can be seen colored red in Figure 14.
5. Inspect the O-ring located in the bore of the rear cap. The O-ring is shown colored red in Figure 15. If it is worn or frayed, replace it with the appropriate Viton O-ring. See the Viton O-ring fitment guide at the end of this manual.
6. Apply a small amount of white lithium grease to the threads, bore, and O-ring of the rear cap.

#### BAFFLE STACK REMOVAL AND MAINTENANCE

It is recommended users remove and clean the baffles in an ILLUSION 9 after every 1,000 rounds of dry use or after every 500 rounds if the silencer is used with an artificial environment. See the "Using your ILLUSION 9 with an Artificial Environment" section for more information on artificial environments.



**WARNING! Only perform disassembly, 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.**

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 to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. Remove the silencer from the host firearm. See "Removing your ILLUSION 9" in these instructions.
4. Disassemble the A.S.A.P. System. See "Disassembling your Illusion 9 A.S.A.P. System" in these instructions.

**WARNING! When cleaning the baffles in an ILLUSION 9, only use a solvent that is not harmful to anodized aluminum, such as acetone, paint thinner, or lacquer thinner. Exposing the anodized aluminum components of an ILLUSION 9 to a solvent that is not aluminum friendly can weaken the aluminum components. Using an ILLUSION 9 with weakened components may lead to property damage, personal injury and/or death.**

**WARNING! 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! Always wear protective gear, such as eye protection and rubber gloves when working with any solvent. Unprotected exposure to solvents may lead to property damage, personal injury and/or death.**

**WARNING! Do not clean any part of an ILLUSION 9 using an ultrasonic cleaner. Ultrasonic cleaners can damage aluminum components. Using an ILLUSION 9 with weakened components may lead to property damage, personal injury and/or death.**

5. Unscrew, remove, and set aside the front nut. See Figure 16.
6. Remove and set aside the front chamber. See Figure 17.

7. Insert a 5/8" wooden dowel from the rear of the silencer, through the piston housing, and up against the rear face of the blast baffle.



8. While holding the silencer tightly in one hand and the dowel in the other hand, apply force to the dowel to push the baffle stack out the front of the tube. See Figure 18. If the baffles will not push out with hand pressure, lightly tap the end of the dowel with a hammer.

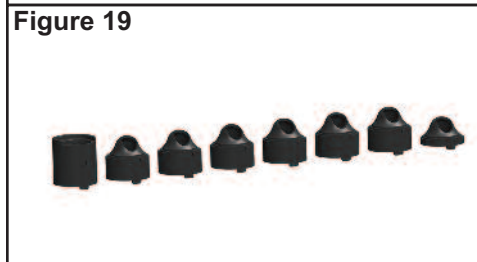


9. Separate the baffles from one another prior to cleaning. The baffle stack, as shown in Figure 19, is comprised of (L-R), a caged blast baffle, six standard baffles, and a short front baffle.

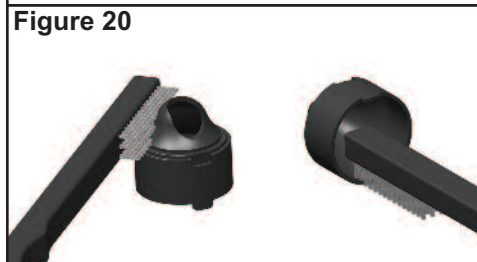


#### CLEANING YOUR BAFFLE STACK

**WARNING! 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.**



1. Clean accumulated fouling from the baffles using a plastic bristle brush and solvent. See Figure 20.

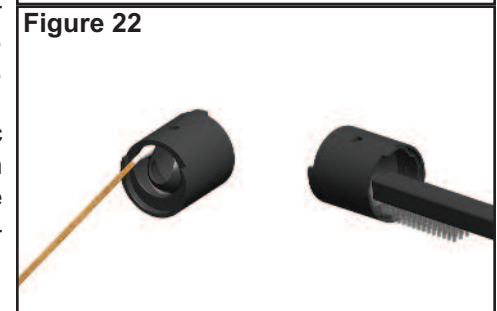


2. Clean accumulated fouling from the inside of the front

chamber using a plastic bristle brush and solvent. See Figure 21.

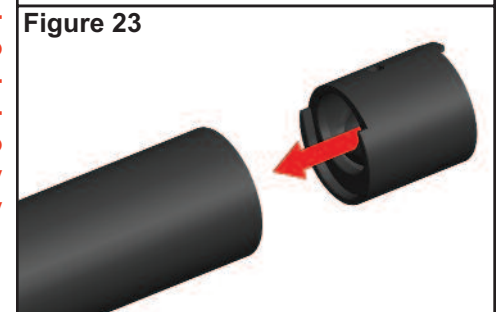


3. Inspect the Viton O-ring on the outside of the front chamber (shown as red in Figure 21). Replace the O-ring if it appears worn or frayed. Replacements can be purchased from McMaster-Carr. The part number is 9464K74.



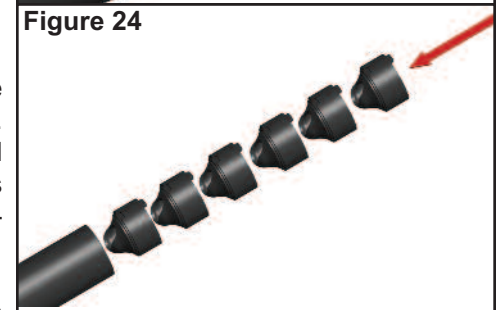
4. Use a cotton swab, plastic brush, and solvent to clean accumulated fouling from the caged blast baffle. See Figure 22.

**WARNING! All traces of solvent must be allowed to evaporate prior to reassembly. Failure to remove all solvent from the silencer prior to use may lead to property damage, personal injury and/or death.**



#### REASSEMBLING YOUR ILLUSION 9

1. Insert the caged blast baffle into the tube. See Figure 23. NOTE: Do not be concerned with baffle alignment at this point. Alignment of the baffles will occur in step 3.



2. Insert six standard baffles into the tube. See Figure 24.

NOTE: As you can see in Figure 25, the stack of six standard baffles





Figure 25

and the caged blast baffle will not be tabbed together and not be aligned. Do not be concerned with baffle alignment at this point. Alignment of the baffles will occur in step 3. NOTE: The outer tube is depicted as transparent in the following steps to clearly show the method of aligning the baffle stack.

Figure 26



Figure 27



3. Hold the silencer upright and place the front chamber on the front-most standard baffle so that the notch in the front chamber engages the tab on the front of the front-most baffle. See Figure 26.
4. Turn the engaged front chamber/first baffle until the combination rotationally tabs to and locks into the second standard baffle. See Figure 27.
5. Repeat this process until the front chamber and all five standard baffles tab onto the caged blast baffle, which will engage the front of the piston housing. See Figure 28. Once the aligned stack engages the front of the piston housing, the stack will no longer turn.
6. Remove the front chamber and insert the short, front baffle into the tube. Use the front chamber to engage the notch on the front baffle with the



Figure 28

tab on the aligned stack of adjacent standard baffles. See Figure 29.

7. Install the front nut. See Figure 30.

8. Hold the silencer up to the light and look through the projectile passage. The passage should be circular (See Figure 31). If the passage is not circular, or appears blocked, remove the baffle stack and repeat steps 1-8.

Figure 29



Figure 30

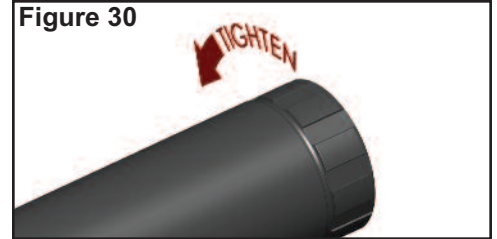


Figure 31



**WARNING! - Do not install and use an ILLUSION 9 with an improperly assembled baffle core. Using an ILLUSION 9 with an improperly assembled baffle core may lead to property damage, personal injury and/or death.**

#### REASSEMBLING YOUR A.S.A.P. SYSTEM

1. Place the driving spring

around the piston shaft. See Figure 32.

2. Insert the piston and driving spring into the piston housing assembly. See Figure 33.
3. Using the supplied spanner tool, fully thread the rear cap into the piston housing. See Figure 34.

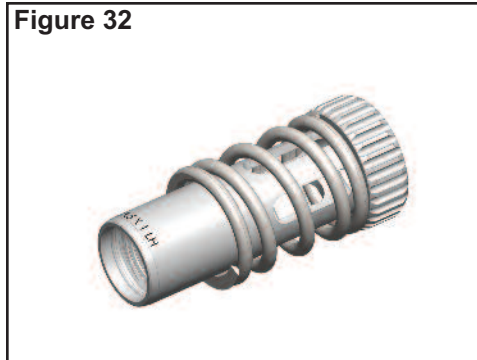
### USING YOUR ILLUSION 9 ON FIXED- BARREL HOST FIREARMS

The ILLUSION 9 can be used on host firearms with fixed, non-moving barrels using an AAC Fixed-Barrel Spacer that is sold separately.

NOTE: AAC recommends that users replace the driving spring of their ILLUSION 9 silencer with a Fixed-Barrel Spacer when using their ILLUSION 9 silencer on host firearms with a fixed, non-moving barrel. Using a Fixed- Barrel Spacer in this application will prevent premature fatigue of the driving spring.

### USING YOUR ILLUSION 9 WITH AN ARTIFICIAL ENVIRONMENT

In situations where it is advantageous to eliminate the majority of muzzle and ejection port flash and/or sound, the ILLUSION 9 silencer can be used with an internal artificial environment in place. The term, "artificial environment" refers to the environment inside the silencer being composed of anything other than dry air. The preferred artificial environment media for the ILLUSION 9 is water. An artificial environment made of 5cc's of water will positively influence sound performance for approximately 50 shots and will



remain in the silencer if unfired for up to 3 days depending on temperature and humidity.

**WARNING! Only use non-flammable liquids, gels, and oils to create an artificial environment in an ILLUSION 9 silencer. The use of other liquids and/or gels can result in a dangerous situation that can lead to property damage, personal injury and/or death.**

**WARNING! Using an artificial environment in an ILLUSION 9 silencer will accelerate the buildup of fouling within the A.S.A.P. System, necessitating frequent disassembly and thorough cleaning. Failure to adequately clean the A.S.A.P. System after using an ILLUSION 9 silencer with an artificial environment in place can result in a dangerous situation that can lead to property damage, personal injury and/or death.**

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 to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. Remove the silencer from the host firearm. See "Removing an ILLUSION 9 Silencer" in these instructions.
4. Hold the silencer at a slight angle and pour 5cc's of water into the rear of the silencer through the A.S.A.P. System piston. See Figure 35.



**NOTE: The plastic cap that is standard on most commercial bottles of water holds approximately 5cc's.**

**WARNING! Do not overfill an ILLUSION 9 silencer with more than 5cc's of water when creating an artificial environment. Over-filling an ILLUSION 9 silencer can result in a dangerous situation that can lead to property damage, personal injury and/or death.**

5. Rotate the silencer around its long axis to distribute the water within the baffle stack. See Figure 36.
6. The silencer is now ready to reinstall on a host firearm. See "Installing your ILLUSION 9 silencer" in this manual.



### O-ring GUIDE

There are a number of high temperature Viton O-rings used in the ILLUSION 9. Inspect these O-rings for signs of wear whenever the silencer and/or A.S.A.P. System are disassembled for cleaning and maintenance. Replacement O-rings are available from McMaster-Carr Supply.

LOCATION	O-ring SIZE	McMASTER PN
REAR CAP	3/4" O.D. X 1/16"	1201T27
M13.5 X 1 PISTON	12mm I.D. X 1.0mm	9263K287
FRONT CHAMBER	1.0" O.D. X 1/16"	9464K74

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