

# TM-ILLUSION 9™

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



1816 Remington Circle SW  
Huntsville, AL 35824  
ISSUED: January 1, 2016

## SILENCER LIFETIME LIMITED WARRANTY

AAC will repair or replace free of charge any silencer manufactured by AAC for the duration of this lifetime warranty. This warranty is of unlimited duration, and covers, at Advanced Armament Corp., LLC and its affiliates' discretion, service, repair, and/or replacement of damaged products caused by normal use.

**LIMITATIONS** This warranty does not cover damage to the silencer and/or host firearm resulting in whole or in part from criminal, abusive or negligent use, improper or careless handling, unauthorized modifications, defective, improper handloaded or reloaded ammunition, or neglect. Any repairs to the unit made necessary by these factors will be invoiced to the owner. Further, baffle strikes which are not due to a defect in workmanship are not covered by this warranty.

**DEFINED** Negligent or abusive use is defined as utilizing the silencer in a way that is likely to result in premature wear or damage to either the silencer or the host firearm. Further, the warranty does not cover prohibited usage as described in our various owners' manuals. This expressed limited lifetime warranty is the only warranty on this product. This product is sold "as is" and has no implied warranties or merchantability or fitness for a particular purpose. There are not warranties which exceed beyond the description put forth hereto. If your silencer is not covered under this warranty, you may have the silencer replaced for half the most current retail price-subject to any and all transfer fees required by the BATFE.

### 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 xerox of the approved form proving ownership and a brief letter detailing the customer's concerns and contact information.

### MANUFACTURERS DISCLAIMER

ADVANCED ARMAMENT CORP., LLC 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 handloaded 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., LLC at 770-925-9988 for clarification.

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THIS MANUAL

FIRST EDITION January 2016

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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.

 Alert Symbols and Definitions:	
<b>WARNING!</b>	Indicates a hazardous situation which, if not avoided, will result in property damage, personal injury, or death.
<b>CAUTION!</b>	Indicates a hazardous situation which, if not avoided, will 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., LLC**

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

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### THE TEN COMMANDMENTS OF FIREARMS SAFETY

1. Always keep the muzzle pointed in a safe direction.
2. Firearms should be unloaded when not 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., LLC 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. The ILLUSION 9 is designed for use on modern centerfire host firearms chambered in 9mm Luger and 22 LR. Why include 22 LR? Given that the ILLUSION 9 can be completely disassembled for cleaning (a very important consideration for any 22 LR silencer), that it has a lower bore-axis to top-radius ratio than many dedicated 22LR silencers (so you still have use of your sights), and because it sounds as good as a dedicated 22 LR silencer. That's why.

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.

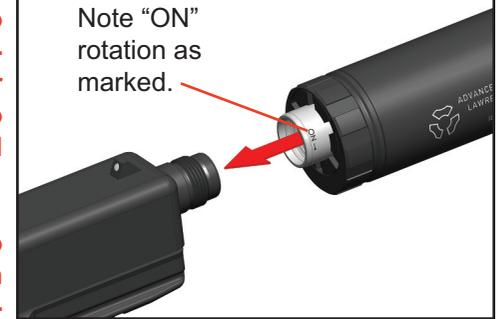
8. Carefully screw the silencer onto the host firearm's muzzle threads in the "ON" direction indicated on the piston. See Figure 2.
9. Tighten the silencer by hand in the direction indicated on the piston with sufficient torque to keep the silencer securely threaded onto the barrel during operation.

**Figure 1**



**Figure 2**

Note "ON" rotation as marked.



**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.**

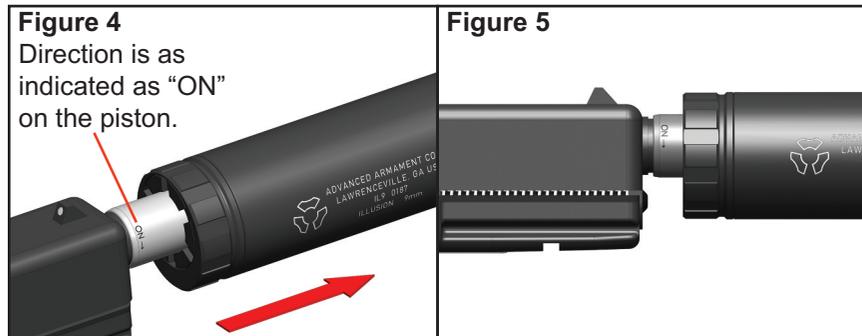
**WARNING! It is the responsibility of the user to insure the silencer stays securely threaded to the barrel of the host firearm during use. Failure to insure the silencer stays securely threaded to the host firearm may lead to property damage, personal injury and/or death.**

### 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 ILLU-

SION 9.

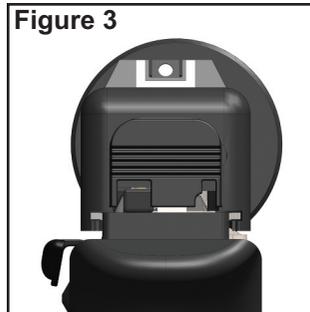
1. Always keep the firearm pointed in a safe direction.
2. Render the firearm safe by removing the magazine, completely unloading the firearm and engaging the safety to the "SAFE" position. See the firearm's owner's manual for detailed instructions.
3. With the unloaded host firearm held firmly in one 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 locking 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 indicated 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.

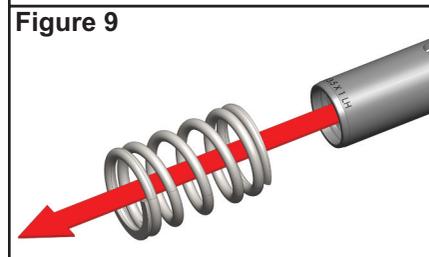
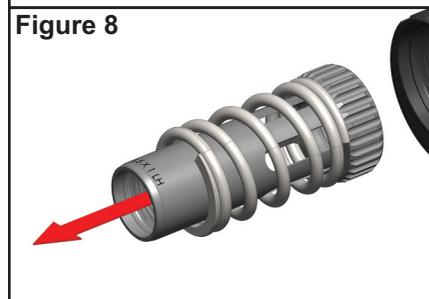
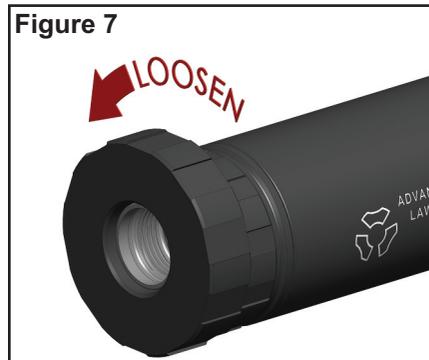
2. Render the firearm safe by removing the magazine, completely unloading the firearm and engaging the safety to the "SAFE" position. See the firearm's owner's manual for detailed instructions.

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.



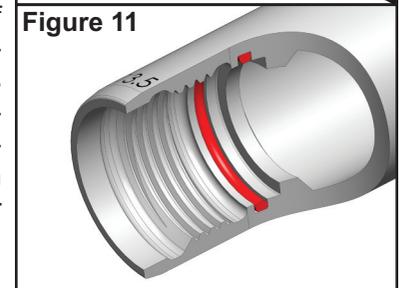
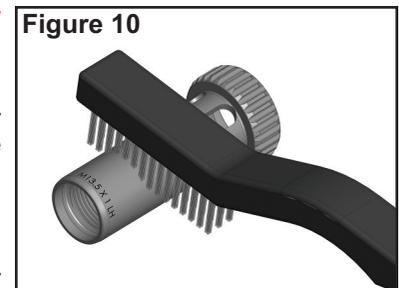
### MAINTAINING YOUR A.S.A.P. SYSTEM

**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. 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.**

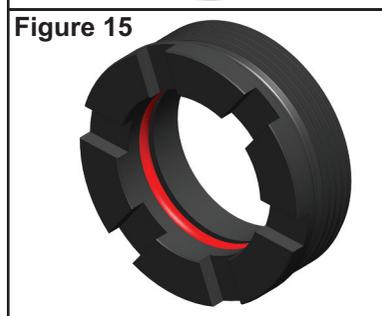
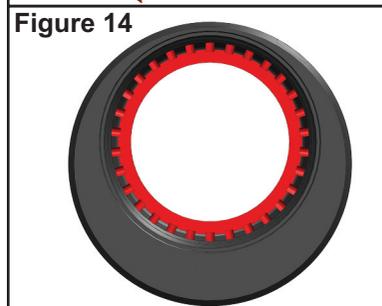
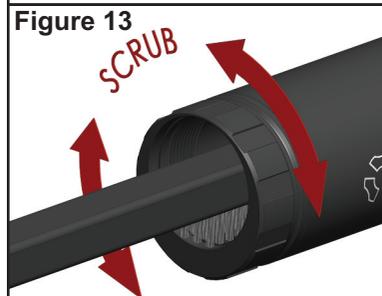
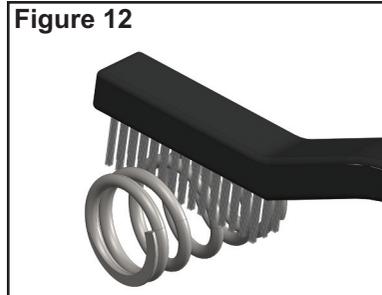
3. Using a plastic bristle brush and solvent, clean the driving spring of any loose material or carbon buildup. See Figure 12.

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.

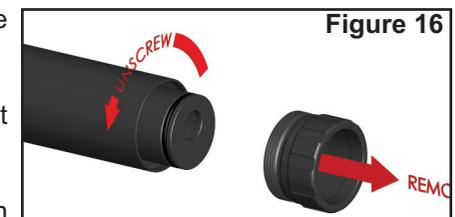
**WARNING! When cleaning the baffles in an ILLUSION 9, only use a solvent that is not harmful to anodized aluminum, such as acetone, paint thinner, or lacquer thinner. Exposing the anodized aluminum components of an ILLUSION 9 to a solvent that is not aluminum friendly can weaken the aluminum components. 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

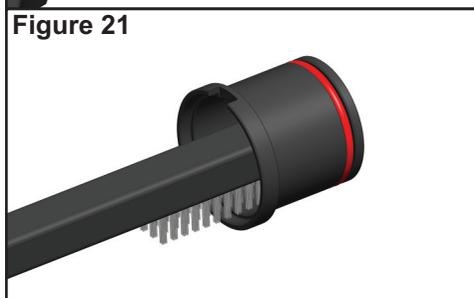
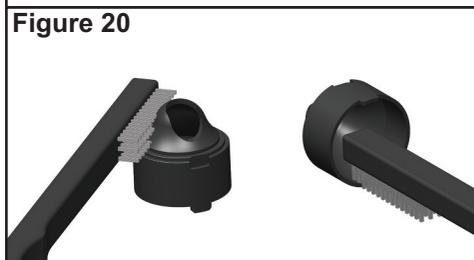
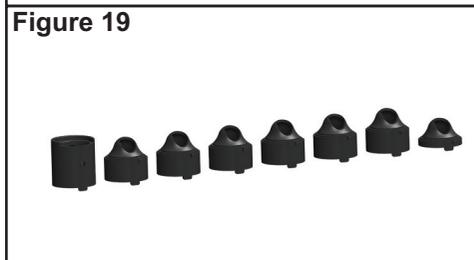


Figure 21.

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 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.
3. Hold the silencer upright and place the front chamber on the front-most

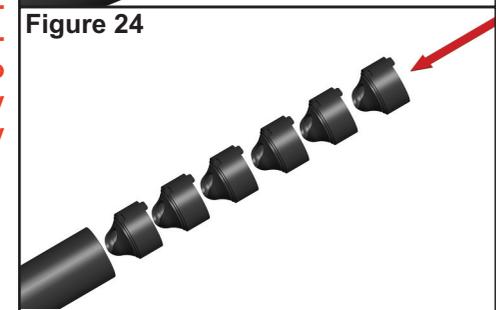
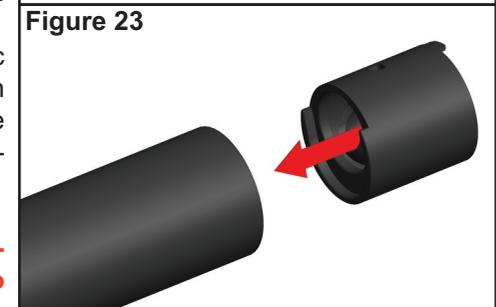
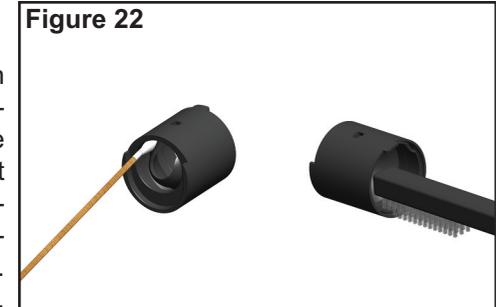


Figure 25



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.

Figure 26



Figure 27



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 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.

**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.**

Figure 29



Figure 30

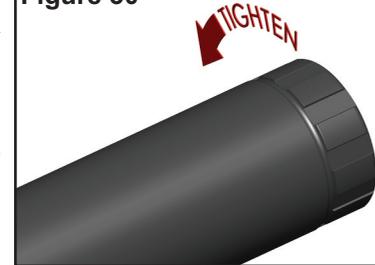
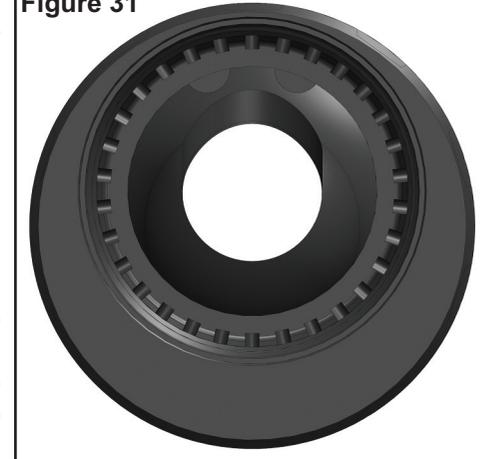


Figure 31



#### 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.

- Using the supplied spanner tool, fully thread the rear cap into the piston housing. See Figure 34.

#### FIXED BARREL SPACER INSTALLATION

The driving spring of the A.S.A.P. System may be replaced with the separately available AAC Fixed Barrel Spacer when using an ILLUSION 9 on a host firearm with a fixed (non-moving) barrel.

**WARNING! When using an ILLUSION 9 on a host firearm with a fixed (non-moving) barrel, the driving spring of the A.S.A.P. System must be replaced with the AAC Fixed Barrel Spacer. Failure to install and use the AAC Fixed Barrel Spacer in an ILLUSION 9 when using it on a host firearm with a non-moving barrel can result in accelerated wear to the silencer and fixed-barrel host firearm. Accelerated wear to the silencer and host firearm can result in a dangerous situation that can lead to property damage, personal injury and/or death.**

- Remove the silencer from the host firearm. See "Removing your ILLUSION 9 from a host firearm".
- Using the supplied end cap spanner tool, remove the rear end cap. See Figure 5.
- Tip the silencer upright and allow the driving spring to fall from the rear of the piston housing. See Figure 35.

Figure 32

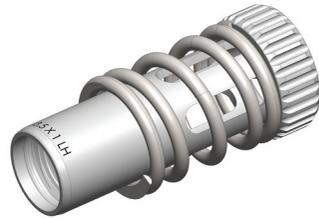


Figure 33



Figure 34



- Install the fixed barrel spacer around the piston shaft in place of the driving spring. See Figure 36.
- Using the supplied spanner tool, fully thread the rear cap into the piston housing. See Figure 34.

#### 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 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 recommended artificial environment media for the ILLUSION 9 is water. An artificial environment made of 5cc's of water will influence sound performance for approximately 50 shots and will remain in the silencer if unfired for up to 3 days depending on environmental conditions. Although water is the preferred artificial environment media, oils such as Break-Free CLP or grease with a high flash point, and/or wire-pulling gel can be used to diminish the sound signature of an ILLUSION 9 equipped firearm. The following procedure details introducing water to the interior of an ILLUSION 9 for the purposes of firing with an artificial environment in place.

**WARNING! Only use non-flammable liquids, gels, and oils to create an artificial environment in an ILLUSION 9. 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 will accelerate the buildup of fouling within the A.S.A.P. System, necessitating more frequent and thorough disassembly and cleaning. Failure to adequately clean the A.S.A.P. System after using an ILLUSION 9 with an artificial environment in place can result in a dangerous situ-**

Figure 35

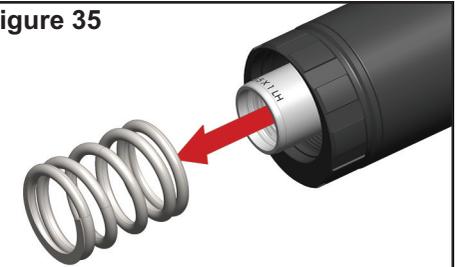
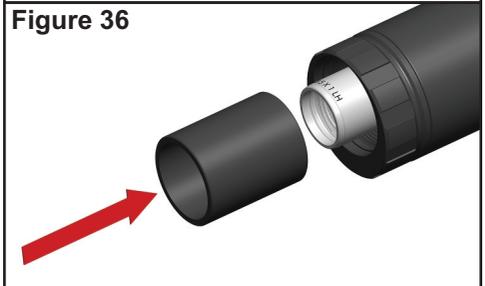


Figure 36



**ation 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" in these instructions.
4. Pour 5cc's of water into the rear of the silencer through the threaded socket in the A.S.A.P.™ System piston. NOTE: The plastic cap that is standard on most commercial bottles of bottled water holds approximately 5cc's. See Figure 37.

**WARNING! Do not overfill an ILLUSION 9 with more than 5cc's of water when creating an artificial environment. Over-filling an ILLUSION 9 can result in a dangerous over-pressure 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 38.
6. The silencer can be reinstalled on the host firearm. See "Installing your ILLUSION 9" 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