

## **DISCLAIMER**

By purchasing this product, the registered owner of this product acknowledges that this product is potentially dangerous and deadly, and as such, assumes all levels of liability, whether direct or consequential, including but not limited to damages to any and all types of properties, injury to self or others, and death of self or others that may result from the use of this product by the registered owner or any other user, intentional or otherwise, of this product. Furthermore, by purchasing this product, the registered owner releases the manufacturer and any other wholesaler, retailer, or dealer of this product from all liability, whether direct or consequential, including but not limited to damages to any and all types of properties, injury to self or others, and death of self or others that may result from the use of this product by the registered owner or any other user, intentional or otherwise, of this product.

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# **BAM MACHINE**

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## **BM15 PCC SILENCER**

**OWNER'S MANUAL**

**READ BEFORE USE  
OR DISASSEMBLY**

# INTRODUCTION

Thank you for choosing Bam Machine for your recent silencer purchase. If you have any questions regarding the proper use of your silencer, you are encouraged to use the contact information at the end of this manual to contact Bam Machine.

**YOU MUST READ THIS MANUAL IN IT'S ENTIRETY BEFORE USING THIS PRODUCT. FAILURE TO DO SO MAY RESULT IN DAMAGE TO PROPERTY, BODILY INJURY TO SELF OR OTHERS, AND/OR DEATH.**

**FIREARMS ARE DANGEROUS AND MISHANDLING THEM CAN RESULT IN IN DAMAGE TO PROPERTY, BODILY INJURY TO SELF OR OTHERS, AND/OR DEATH. IF YOU HAVE NOT RECEIVED PROFESSIONAL TRAINING IN THE SAFE HANDLING AND USE OF FIREARMS DO NOT ATTEMPT TO USE THIS PRODUCT. STOP AND SEEK PROFESSIONAL TRAINING BEFORE HANDLING AND USING YOUR FIREARM WITH A SILENCER.**

# REPAIR

Repairs can often be made for minimal costs if you happen to experience damage to your silencer due to incidents not covered under warranty.

You are encouraged to contact Bam Machine with pictures of the damage and a description of the repair you are seeking to receive a repair quote for your silencer. Never send your silencer to Bam Machine for repair work without prior approval and the required BATFE paperwork.

# WARRANTY

Your silencer is covered by a limited lifetime warranty against all manufacturing defects. It is at the sole discretion and determination of Bam Machine if any damage to your silencer is the result of a manufacturing defect covered by this warranty. It is also at the sole discretion and determination of Bam Machine if damage to your silencer deemed to be covered by this warranty shall be remedied by method of repair, replacement, or refund of purchase price.

This warranty does not extend to incidents involving criminal acts, alterations, modifications, abuse, use of defective ammunition, normal wear to exterior finish or baffles, or neglect, including neglecting to follow any restrictions, precautions, or guidelines previous outlined in this manual.

If you happen to experience damage to your silencer you are encouraged to contact Bam Machine to inquire if it is eligible for repairs covered by this warranty. Never send your silencer to Bam Machine for warranty service without prior approval and the required BATFE paperwork.

# INSTALLATION

Before installing or removing a silencer on any firearm, always make sure of the following:

- 1) Read and understand the owner's manual of your host firearm. Verify that the installation of a silencer will not void your firearm's warranty.
- 2) Ensure the firearm's muzzle is always pointed in a safe direction and that your fingers, hands, and other small objects are always kept far from the trigger.
- 3) Remove any magazine or ammunition from the firearm and visually check that the firearm's chamber is unloaded, always leaving the firearm's action open during installation or removal of your silencer from the firearm. Never install or remove a silencer from a firearm with a closed action.
- 4) Remove all ammunition and/or magazines from the room where you will be installing or removing the silencer from your firearm.

Your BM15 PCC Silencer features industry standard 1.375" x 24tpi mounting threads that allow a wide use of mounting options available from numerous manufacturers.

It is recommended to use a mounting option that protrudes no more than 0.45" into the silencer for best performance. Mounting options such as Muzzle Brakes, 3 Lug, and Booster Housings will only fit if they function with a 0.65" maximum protrusion into the silencer.

# INSTALLATION

Before installing any thread adapter to the mounting threads of your silencer, first verify that the threads of both the thread adapter and the silencer are completely clean and free of any debris. Even the smallest amount of debris can cause threads to bind or gall and may result in permanent damage to your silencer or thread adapter.

A simple solution of dish soap and water applied with a nylon brush and blown dry with compressed air is all that is typically needed to clean threads. If threads have become carbon fouled, a carbon solvent may be needed instead. Never use abrasives such as metal wire brushes to clean threads. Make sure to always wear proper Personal Protective Equipment when handling solvents or using compressed air to clean threads.

Once threads are verified to be clean, install the thread adapter into the silencer, making sure the shoulder of the thread adapter is fully seated against the silencer using either the thread adapter's installation tool or your hand to lightly torque and snug the thread adapter into place.

Never use more than a light twisting action from your thumb and two or three fingers to install a thread adapter.

# GENERAL PRECAUTIONS

Your silencer is a federally regulated firearm under the National Firearms Act (NFA) that requires certain legal responsibilities for ownership. It is important that you understand and follow all federal, state, and local laws regarding silencer ownership. Consult an attorney experienced in NFA Law if you have any questions regarding the legal possession, transportation, or storage of your silencer.

Always wear adequate eye and hearing protection when firing a firearm with a silencer. Suppressed firearms can still cause hearing damage and eye hazards.

Always make sure your silencer is properly secured and installed to the firearm while you are firing. A silencer that has worked even slightly loose while firing can cause bullets to strike and damage the baffles or end cap and create unsafe operating conditions while using your silencer.

Silencers can become extremely hot and burn your skin if touched, even after only a few rounds of fire. Never touch a silencer with your bare hand until several minutes after firing.

Never rest your silencer against a meltable or flammable surface after firing until several minutes have elapsed and the silencer has cooled to room temperature.

# RESTRICTIONS

DO NOT USE ON FIREARMS THAT FIRE BULLETS WITH DIAMETERS LARGER THAN 0.358”.

This will create extremely dangerous operating conditions and will likely cause permanent damage to your silencer.

DO NOT USE SUPERSONIC AMMUNITION FOR CARTRIDGES WITH POWDER CAPACITY LARGER THAN 9X19MM NATO.

The BM15 PCC silencer is rated for supersonic ammunition in 9x19MM NATO and smaller cartridges. It is not rated for supersonic ammunition in larger cartridges such as .300 Blackout, .357 Magnum, .350 Legend, etc. Use only subsonic ammunition for cartridges larger than 9x19MM NATO.

THE BM15 PCC SILENCER MUST NOT BE USED UNDER FIRING CONDITIONS THAT REACH 800 DEGREES FAHRENHEIT OR GREATER.

Normal use should not approach this temperature range, but it is your responsibility to physically check the temperature of the silencer with an accurate thermometer if there is any risk that your activity with the silencer will approach this temperature range (i.e., full auto fire, magazine dumps, extended training sessions, etc.).

# INSTALLATION

IF YOU EXPERIENCE ANY TYPE OF RESISTANCE, STOP IMMEDIATELY! NEVER ATTEMPT TO FORCE A THREAD ADAPTER INTO PLACE. DOING SO MAY RESULT IN PERMENANT DAMAGE TO YOUR SILENCER.

Gently unthread the thread adapter out of the silencer if you encounter any resistance and double check to verify that your threads are clean.

If both threads are completely clean and you are still encountering resistance, it is entirely possible that the thread adapter was manufactured slightly out of tolerance. If you suspect this, please contact the thread adapter’s manufacturer to discuss obtaining a replacement.

If you experience extreme difficulty removing your thread adapter after use due to carbon fouling, it is recommended to use a small amount of white lithium grease on the threads of the silencer and thread adapter to ease removal and aid in cleaning of threads.

If you experience your thread adapter working loose during use, follow the recommendations under the “FIRST USE” section of this manual.

## INSTALLATION

Once your thread adapter is installed to the silencer, install the silencer to the muzzle threads or muzzle device that the selected thread adapter accommodates.

Use the previous precautions and installation instructions for installing the thread adapter to your silencer when installing the thread adapter to muzzle threads or muzzle devices.

If your thread adapter attaches to a muzzle device, always make sure the muzzle device is properly torqued and secured to your firearm's muzzle threads with a high temperature thread locker such as Flexbar Rocksett. Only use timing shims to install and time a muzzle device that attaches to the thread adapter of your silencer. Crush washers should never be used as they will likely affect alignment and potentially create damage to your silencer.

## CONCENTRICITY CHECK

Before using any combination of silencer, thread adapter, and firearm for the first time, a concentricity check will need to be performed before live fire.

This check can normally be completed by a simple visual inspection with the silencer installed on the firearm.

## REASSEMBLY

To reassemble the silencer after cleaning, use the following steps:

- 1) Stack baffles one on top of another in their appropriate order with tips facing upwards. Double check to make sure all baffles are fully seated against each other.
- 2) Slide the tube over the baffle stack and gently tip assembly to one side using your finger to keep baffle stack inside tube as you tip the assembly upwards.
- 3) With your finger still holding the baffle stack in place, verify that the rear baffle is not crooked and is fully seated against the shelf it interfaces with inside the tube.
- 4) Install end cap and torque firmly with the provided end cap wrench. If multiple threads from the end cap are protruding outside the tube, your baffle stack is likely not fully seated and you will need to remove the end cap and re-seat the baffle stack.

If baffles are installed with clips aligned, first round pop will be minimized on most firearms. If baffles are installed without clips being aligned, there will likely be a noticeable first round pop, but sound meter testing has shown that the remaining shots will be as quiet or slightly quieter compared to installing baffles with aligned clips.

# DISASSEMBLY & CLEANING

If light tapping does not remove the baffle stack it is recommended to increase cleaning intervals. Soak the inside of the silencer with a solvent such as CLR cleaner to safely remove the baffle stack if it will not tap out. To do this, reinstall the end cap, insert a silicone plug to seal the bore of the end cap, fill the silencer from the rear with CLR cleaner to a depth just covering the shoulder of the rear baffle, and allow the silencer to soak for several hours or overnight. Drain and dispose of cleaner according to local regulations and rinse out any remaining residue with clean water. It may take 2-4 soakings to be able to remove a stuck baffle stack depending on the amount of build-up that accumulated.

Once disassembled, clean all threads and inside of the tube with a small nylon brush and cleaning solvent of your choice. Avoid abrasive cleaning pads or tools such as Scotch Brite Pads or metal wire brushes to clean any threaded portion or the exterior of your silencer. The exterior of your silencer may be periodically cleaned with a soft cloth and gun oil of your choice.

Baffles may be cleaned in a sonic cleaner, tumbled with or without media, or simply cleaned by hand with the solvent of your choice. Stubborn carbon and/or lead deposits around the bore, clips, and ports of the baffles may need to be removed mechanically with a tool such as a machinist's scribe.

# CONCENTRICITY CHECK

Quadruple check that the firearm is unloaded and that no ammunition is present in the same room as the firearm while conducting a visual check.

With the silencer installed on the firearm, shine a flashlight into the chamber of the firearm to illuminate the bore of the firearm and silencer while looking down the bore of the silencer.

If any portion of the bore of the silencer's endcap or the bore of any baffle appears to overlap the bore of the firearm (or the bore of a muzzle device if attaching to a muzzle device), it is extremely important not to attempt live fire with this combination of silencer, thread adapter, and firearm. Failure to do so may result in bullets striking and damaging baffles or the end cap and create unsafe operating conditions while using your silencer.

Take the combination to a competent local gunsmith to perform a more in-depth concentricity check to locate the faulty part and contact the part's manufacturer for a replacement.

If the visual check does not show any overlap and all parts look uniform and concentric to each other, your silencer should be safe for live fire.

## FIRST USE

When using any combination of silencer, thread adapter, and firearm for the first time, frequent checks should be made to ensure the end cap, adapter, and barrel threads are all staying tight, and that no baffle or end cap strikes are occurring. Fire one round, unload the firearm, and check for loose threads and strikes. Continue checking at intervals of 5, 10, 20, 50, and 100 rounds fired at a time to ensure proper function. If any thread becomes loose, it is recommended to clean threads with a degreaser and apply one or two drops of a medium grade thread locker such as Loctite Blue 242 to the thread.

## REMOVAL

Removal will be the opposite of installation, keeping the following guidelines in mind:

- 1) Always unload your firearm before removing your silencer.
- 2) Always practice the safe firearm handling procedures previously outlined when removing your silencer.
- 3) Always allow the silencer to cool for several minutes to room temperature before attempting to touch the silencer for removal.
- 4) Never attempt to use anything other than your hand to grip the silencer during removal.
- 5) Seek professional help if you encounter difficulty removing your silencer.

## DISASSEMBLY & CLEANING

The BM15 PCC silencer is user-serviceable to allow disassembly for cleaning. Cleaning frequency will vary depending on the host firearm and ammunition used. It is recommended to clean your silencer after the first use to gauge future cleaning intervals. It is recommended to clean your silencer at least every 1,000 rounds or sooner thereafter.

To disassemble your silencer, use the following steps:

- 1) **Be aware that the baffles are installed in a specific order and extreme care should be used to retain this order when disassembling and reassembling your silencer.**
- 2) Unthread the end cap from the tube with the provided end cap wrench.
- 3) Slide the baffle stack out of the tube from the end cap side.
- 4) Note the appearance of the first, ninth, and eleventh baffles (first baffle is closest to the barrel). All three of these have slight differences, and they should be reinstalled in the stack at their intended positions after cleaning.

If the baffle stack does not slide out, never attempt to push on it with your thumb or fingers. This may result in severely cutting yourself on the baffles or tube edge. Instead, use a piece of wooden dowel or plastic pipe to LIGHTLY tap out the baffle stack from the tube. Never stand the tube upright on a hard surface such as a counter or metal bench when tapping on the baffle stack. Use a semi-soft surface such as a hand towel or scrap 2x4 lumber to perform this task if necessary.