

BAM MACHINE

BM15 SILENCER

OWNER'S MANUAL

READ BEFORE USE

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 PROFFESIONAL TRAINING BEFORE HANDLING AND USING YOUR FIREARM WITH A SILENCER.

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 Silencer features industry standard 1.375" x 24tpi mounting threads that allow a wide use of mounting options by using thread adapters available from numerous manufacturers.

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.

**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 back 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 will be removing the thread adapter to interchange it with others on a regular basis, 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 plan on leaving the thread adapter in place, it is recommended to apply a high temperature thread locker such as Flexbar Rocksett to the threads to prevent loosening of the thread adapter from the silencer.

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.

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 endcap 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.

REMOVAL

Removal will be the opposite of installation with the exception that the safe handling / unloading precautions previously outlined should always be observed before beginning removal of the silencer from the firearm.

Always use the correct tool recommended by the thread adapter manufacturer when removing the thread adapter from muzzle threads or muzzle devices or to remove the thread adapter from the silencer.

Never attempt to use anything other than your hand to grip the silencer when removing thread adapters from the silencer. Always allow several minutes for your silencer to cool after firing before attempting to touch your silencer with your bare hand.

IF YOU ENCOUNTER DIFFICULTY REMOVING YOUR SILENCER FROM A FIREARM OR A THREAD ADAPTER FROM THE SILENCER, STOP IMMEDIATELY AND SEEK PROFESSIONAL HELP. FAILURE TO DO SO MAY RESULT IN PERMANENT DAMAGE TO YOUR SILENCER.

CLEANING

The BM15 silencer is intended for centerfire rifle use and the force of the muzzle blast from such cartridges is typically adequate to prevent internal build-up inside the silencer. Internal cleaning of the BM15 should not be required on a routine basis, nor is it recommended.

If your BM15 silencer eventually increases in weight by one ounce or more, it is recommended to reduce the internal build-up with CLR cleaner. Insert a silicone plug to seal the bore of the end cap, fill the silencer with CLR cleaner, and allow it to soak for several hours or overnight. Drain and dispose of cleaner according to local regulations, rinse out any remaining residue with clean water, and allow your silencer to air-dry. It may take 2-4 soakings to adequately remove the build-up.

The moly resin finish on the exterior of your silencer is impervious to any known solvent and may be wiped clean with the solvent or gun oil of your choice using a soft cloth. Avoid abrasive cleaning pads or tools such as Scotch Brite Pads or metal wire brushes to clean the exterior of your silencer.

The BM15 silencer is made from titanium and stainless steel and no component is susceptible to rust. Any bare metal surfaces on the interior should be left alone and do not require any type of oil or coating to prevent rust.

RESTRICTIONS

THE BM15 SILENCER MUST NOT BE USED ON FIREARMS THAT FIRE BULLETS WITH DIAMETERS LARGER THAN 0.312 INCHES.

The baffles and endcap are bored slightly larger than this diameter for optimum suppression. Attempting to fire cartridges with bullets that have a diameter larger than 0.312 inches through your silencer can lead to permanent damage to your silencer and create unsafe operating conditions while using your silencer.

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

The titanium used in the tube and endcap of the BM15 Silencer can become embrittled at this temperature. Once embrittled, titanium loses much of its physical strength and the tube will be susceptible to sheared threads, splits, cracks, or even bursting under the right conditions at any time during future use.

It is almost impossible to predict when your silencer can reach 800 degrees due to the numerous factors that can influence this including any combination of rate of fire, cartridge size, and barrel length.

It is your responsibility to physically check the temperature of the silencer with an accurate thermometer if there is any risk of approaching this temperature range.

Most hunting scenarios and casual target practice sessions using firearms with short action cartridges or smaller with barrels of 16" or longer generally will not be of any concern.

Activities such as fully automatic fire, rapid fire with short barreled rifles or pistols, multiple magazine dumps with high-capacity magazines, extended range or training sessions, and extended shot strings of magnum sized cartridges should all include monitoring the temperature of your silencer.

This should continue until you are certain your activity will not approach the temperature threshold. If you learn that the activity approaches a temperature of 800 degrees Fahrenheit, you should discontinue that activity immediately and avoid all future scenarios.

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 make sure your silencer is properly secured and installed to the firearm while you are firing. Check between strings of fire or at reloads to make sure your silencer has not worked loose from the thread adapter, barrel threads, or muzzle device.

A silencer that has worked even slightly loose while firing can cause bullets to strike and damage the baffles or endcap 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.

The BM15 silencer is not user serviceable, and you should never attempt to remove the endcap of your BM15 silencer or disassemble it for any reason. Attempting to do so will likely result in permanent damage to your silencer.

Ammunition loaded with bare lead bullets should be avoided in the BM15 silencer. Frequent use of ammunition with bare lead bullets may allow lead to accumulate and clog features on the baffles, including the bores of the baffles. This in turn can create undesirable performance of the silencer or even unsafe operating conditions while using your silencer.

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.

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 in order 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.

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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