



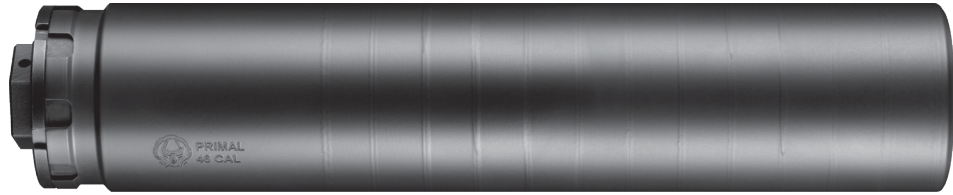
PRIMAL

OWNERS MANUAL



DEAD AIR
silencers





WELCOME TO DEAD AIR SILENCERS

Thank you for purchasing our products and supporting the Second Amendment.

Dead Air Silencers was co-founded by one of the industry's true icons, Mike Pappas, and is supported through distribution and manufacturing by our industry partners. The goal of our company is simply to make the best firearm sound suppressors on the market. Every suppressor is manufactured in the U.S.A. by American craftsmen utilizing the finest materials. As Mike says, "We wouldn't have it any other way. We want the best products, made by Americans for Americans." That said, it's our customers that make our products possible and we appreciate each and every one of you that have supported us.

We place an absolute premium on customer service. We demand that our customers receive prompt and rewarding care and support. Feel free to contact us at 801-857-4232 or info@DeadAirSilencers.com with any questions or concerns you may have. Once again, thank you for your support.



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FIREARMS ARE DANGEROUS! REVIEW THIS OPERATOR'S MANUAL IN FULL BEFORE USING YOUR SUPPRESSOR. FAILURE TO FOLLOW THE INSTRUCTIONS LISTED BELOW COULD RESULT IN DAMAGE TO YOUR FIREARM AND/OR SERIOUS PERSONAL INJURY OR DEATH. DO NOT ATTEMPT TO USE YOUR FIREARM AND/OR SUPPRESSOR UNTIL YOU HAVE THE PROPER TRAINING TO DO SO.

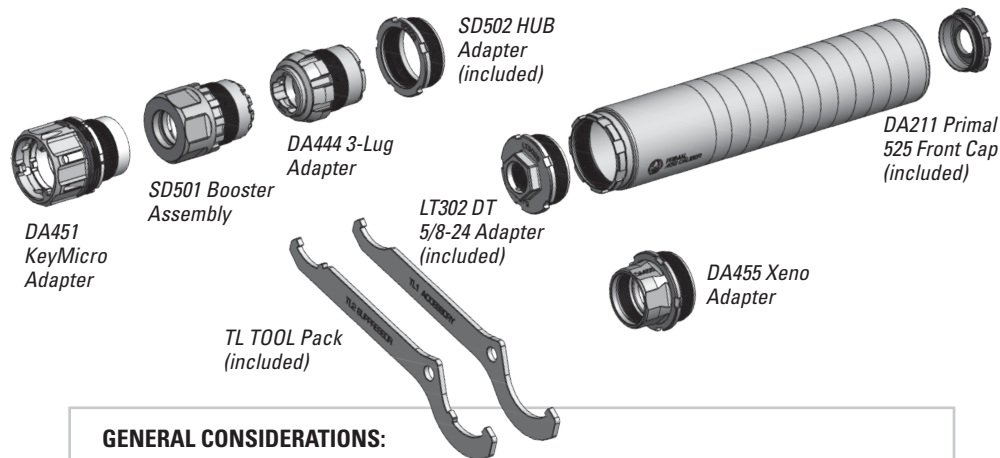
1. PRODUCT OVERVIEW:

The Primal is a multi-caliber suppressor designed for use on centerfire pistol and rifle caliber hosts with muzzle pressures equal to or less than .338 Lapua Magnum and a projectile diameter equal to or less than .458.

The threaded socket in the rear of the Primal enables users to quickly and easily configure the suppressor with a booster assembly for use on handguns, a 3-Lug adapter for subgun and PCC use, and a variety of direct thread and QD mounting options.

The tubeless, fully welded 17-4 stainless steel construction of the Primal keeps the suppressor as light as possible while providing the ultimate strength to accommodate magnum calibers such as .338 Lapua Magnum with a usage guidance of a minimum barrel length of 18 inches. The suppressor is designed for maximum muzzle suppression while also maximizing at-ear performance for the shooter through the use of a large internal volume and generous blast chamber.

2. GET TO KNOW YOUR PRIMAL:



GENERAL CONSIDERATIONS:

Ammunition: Ammunition will have a huge influence on how your new suppressor functions. Use good quality factory-new ammunition in your firearm.

Concentricity: In order to reduce the risk of a baffle strike, it is important to ensure that your barrel threads are aligned concentrically with the bore axis of your host weapon's barrel. If you do not have the means to verify this, it is strongly recommended that you have a competent gunsmith verify if for you.

CHECK YOUR WEAPON'S CHAMBER AND MAKE CERTAIN THAT THE WEAPON IS UNLOADED AND THE MAGAZINE REMOVED BEFORE PROCEEDING ANY FURTHER. IF THERE IS ANY QUESTION OR DOUBT, CONSULT THE OPERATOR'S MANUAL APPLICABLE TO YOUR FIREARM AS TO THE PROPER PROCEDURE FOR CLEARING AND/OR UNLOADING YOUR WEAPON. DO NOT INSTALL YOUR NEW SUPPRESSOR ON A FIREARM WITH A CLOSED ACTION!

3. INSTALLATION:

When discussing directionality during assembly, "back" will always be toward the host weapon, "front" will always be away. For example, the Direct Thread Mount that connects to the barrel goes into the "back" of the suppressor, and the Front Cap threads onto the "front".

STEP ONE: PREPARATION

Your suppressor is intended to be attached to the muzzle end of your firearm. It will connect directly to your existing barrel, which will vary based on host weapon, using either a threaded Piston, Fixed Mount, or 3-Lug adapter. If using a booster assembly or 3-Lug adapter, you must first install the included SD502 adapter in the threaded socket in the rear of the suppressor using the included TL series wrenches. We recommend periodically checking tightness of all adapters and mounting options. All direct thread suppressors will loosen with use. A loose suppressor mount will shift the point of impact because of the effect on the host weapon's barrel harmonics and the loss of concentricity.

Do not over-tighten the suppressor with any assorted tools or wrenches, as such actions may result in damage to your firearm, the suppressor, or both. Hand tightening the suppressor onto the barrel is sufficient. Before installation, ensure the threads of the host firearm's barrel are clean and lubed before carefully threading the suppressor onto the muzzle end of your firearm. Take care not to cross thread or force the suppressor to thread onto the firearm. In the event that the suppressor does not smoothly thread onto your firearm, stop the installation process and immediately contact our Customer Service Department for further instruction. Ensure the suppressor is tightened all the way against the shoulder of the barrel. Longer threads will require the suppressor to seat on the muzzle and the back of the piston may not contact the shoulder. DO NOT thread onto barrels that don't have a proper shoulder to seat against, or muzzle face that is not cut square to the bore.



IF THE MOUNT DOES NOT SMOOTHLY THREAD ONTO YOUR FIREARM STOP THE INSTALLATION PROCESS AND CONTACT OUR CUSTOMER SERVICE DEPARTMENT. FAILURE TO PROPERLY INSTALL YOUR SUPPRESSOR COULD RESULT IN SERIOUS INJURY, DAMAGE TO THE SUPPRESSOR, THE HOST WEAPON, THE USER, AND/OR A THIRD PARTY.



OUR PRODUCTS ARE CALIBER SPECIFIC. UNLESS STATED OTHERWISE ON THE SUPPRESSOR ITSELF OR ON THE PACKAGING, THE PRIMAL SUPPRESSOR WILL NOT FUNCTION SAFELY WITH ANY CARTRIDGE WITH PRESSURES HIGHER THAN .338 LAPUA MAGNUM OR PROJECTILE DIAMETER EQUAL TO OR SMALLER THAN .458. USE OF YOUR SUPPRESSOR OUTSIDE OF ITS INTENDED SCOPE COULD RESULT IN DAMAGE TO YOUR FIREARM, DAMAGE TO PROPERTY, BODILY INJURY, OR DEATH.

STEP TWO: MOUNTING THE SUPPRESSOR TO BARREL



DO NOT OPERATE YOUR SUPPRESSOR UNDER ANY CIRCUMSTANCES IF IT IS NOT PROPERLY MOUNTED TO THE FIREARM! DOING SO COULD RESULT IN SERIOUS DAMAGE, DEATH AND/OR INJURY TO THE OPERATOR AND THIRD PARTIES. IT WILL RESULT IN DAMAGE TO THE SUPPRESSOR AND WILL GROSSLY AFFECT PERFORMANCE AND/OR ACCURACY AND MAY VOID THE WARRANTY.

The suppressor can only go on one way and come off one way. Before use, make sure that the suppressor is firmly and rigidly mounted to the firearm. Failure to do so could result in damage to your firearm and suppressor. Visually inspect the suppressor after it is mounted in order to confirm that it is mounted concentric to the centerline of the bore and is otherwise not canted. If the suppressor is not in line with the bore, immediately stop the installation process and contact our Customer Service Department. Use of the suppressor while improperly mounted could cause irreparable harm to your suppressor and will cause poor performance and reduced accuracy.

If using a 3-Lug Mount, slip the suppressor onto the end of the barrel with the lugs aligned with the corresponding openings in the mount. When aligned, compress the suppressor down onto the barrel and lightly turn clockwise.

If using a left-handed adapter or piston, thread the suppressor on in a counter-clockwise direction.

STEP THREE: REMOVING THE SUPPRESSOR



WHEN REMOVING THE SUPPRESSOR FROM YOUR FIREARM BE EXTREMELY CAUTIOUS AS THE TEMPERATURE OF THE SUPPRESSOR COULD CAUSE BURNS AND OR PERSONAL INJURY TO THE USER. MAKE SURE TO EITHER USE PROTECTIVE GLOVES, OR WAIT UNTIL THE SUPPRESSOR COOLS BEFORE ATTEMPTING REMOVAL.

To remove the suppressor simply rotate the body / end cap of the suppressor counter-clockwise until it begins to unthread from the muzzle of the host weapon. If a left-hand metric piston/mount is used, then unscrew by rotating clockwise.

If using a 3-Lug Mount, compress the suppressor backward onto the barrel and lightly turn it counter-clockwise. Once it clears the lugs on the barrel it can be removed.

Be careful! The suppressor may become extremely hot after use. Never grab a hot suppressor as it can result in burns and injury.

4. BREAK IN:

Once your suppressor is properly mounted it may require some minimal break in. First shot cold performance can be compromised until the suppressor accumulates some unburnt powder and lead. This is normal and generally resolves itself after the first 5-10 shots. Thereafter the suppressor will perform at an optimal level without further break in requirements. The type of ammunition that you use and the atmospheric conditions present when you shoot the weapon can have a huge influence over performance.

5. DISASSEMBLY & CLEANING:

Typically, there is very little maintenance needed with respect to your suppressor other than to keep the threads clean and to treat the threaded interfaces with a good quality lube. The suppressor is made of high strength 17-4PH stainless steel and has a Cerakote™ exterior finish. The finish is extremely durable but some care should be taken concerning exposure to various solvents or sharp edges that can scratch the coating. Always test a small area before applying any solvent to the suppressor as a whole.

BOOSTER: The Booster mechanism with the spring and piston should be cleaned and lubed with grease every shooting session and the O-Ring inspected. Replacement O-Rings are size -018 and are available from Dead Air Silencers.

Shooting the suppressor “wet” will considerably soften carbon buildup inside the piston depending on the amount of buildup. To shoot the suppressor wet, pour a water bottle capful (or 3-5 CCs of water) down the piston and into the booster mechanism, mount to a pistol, and shoot a magazine or two of ammunition through it. Much of the carbon can then be wiped out of the booster housing after the spring and piston are removed. The Booster Housing, Piston, and Spring can also be removed and submerged into carbon scrubbing chemicals to facilitate cleaning.

FIXED MOUNT: Remove the mount and clean out any excess carbon on the threads and on the surfaces that seat down inside the suppressor.

3-LUG MOUNT: Remove the mount and clean out any excess carbon on the threads and on the outer surface that seats down inside the suppressor. If the 3-Lug internal piston does not easily pop back into place after removal from the host weapon, it may need more grease inside the assembly and/or the O-rings may need to be replaced. Perform this maintenance whenever you shoot the suppressor wet. The Spring Retainer on the end of the assembly can be removed with a pin wrench or a Ghost/Mask Front Cap Tool.

SUPPRESSOR: The stainless-steel baffles in the suppressor typically don't need to be cleaned. Depending on ammo and shooting schedule, there can be buildup in the blast chamber. Because of the all-stainless construction of this suppressor, it can withstand chemical soaks and bead blasting to clean the blast chamber, if needed.

NOTE: Some chemical cleaners can harm the Cerakote finish.

Key areas to clean include:

- Threads. Apply a light coating of lube or grease once cleaned.
- Tapered surfaces where module and front cap seat. Apply a light coating of lube or grease once cleaned.

STEP ONE: REMOVE PISTON OR MOUNT

1. Unscrew the piston retainer and remove the Piston and Spring for cleaning.
2. The complete booster mechanism, fixed mount, or 3-Lug assembly may be removed with the included TL001 and TL002 tools or an AR castle nut wrench, and replaced with a fixed mount or 3-Lug mount for use on fixed barrels. Warning: Do not use the Booster Mechanism on fixed barrel firearms as the repeated impact will damage the firearm. Ensure mounts are secured with the castle nut wrench before use.

STEP TWO: REMOVE FRONT CAP

Remove the Front Cap from the suppressor with a Sandman Front Cap Tool (DA208 – sold separately) by aligning the pins on the tool with notches cut into the front-end cap. Ensure the tool is flat against the face of the front cap with the pins evenly and fully engaged and apply torque counter-clockwise to loosen and remove the cap. Ensure the threads on the front cap and in the front cap socket are clean and lubed.

5. REASSEMBLY:

NOTE: ENSURE ALL THREADS AND CONTACT POINTS ARE CLEAN AND FREE OF DEBRIS. IT IS RECOMMENDED THAT YOU APPLY A LIGHT COAT OF LUBE OR GREASE TO THE THREADS.

STEP ONE:

Thread the Front Cap into the front of the suppressor. Use a Sandman Front Cap Tool (DA208 – sold separately) to lightly snug the cap into place. Only hand torque is needed because of the tapered surface that it seats against.

STEP TWO: INSTALL MOUNT ADAPTERS

Depending on our host weapon, install needed mount adapter.

Booster and Piston: Used on pistols with “Browning” style actions. Choose the piston that matches the thread of the barrel. Use of a booster and piston will require the installation of the included SD502 adapter ring.

Fixed Thread Mount: Used on pistol caliber carbines, subguns, and other threaded barrels that don’t tilt or move with the action of the host weapon.

3-Lug Mount: Used on pistol caliber carbines or subguns with 3-Lug mounting features. Use of a 3-Lug adapter will require the installation of the included SD502 adapter ring.

Note: Some 3-Lug barrels have a threaded feature with a knurled thread protector on the end of the barrel. It is recommended to use a low-strength Loctite (222 or Purple) to secure the thread protector so that it won’t vibrate loose and work itself into the blast chamber while shooting. Also note that these types of barrels have less alignment bearing surface and will allow the suppressor to “wiggle” more on the mount. Dead Air uses a strong spring in their 3-Lug mount to help counteract this effect. Remember that if the suppressor is rested on or against an object while shooting it could still deflect the alignment of the suppressor and bullets could strike on baffles or the front cap.

STEP THREE: INSPECTION UPON ASSEMBLY

Before use, ensure all connections are tight. Threads should be clean and should be treated with lube or anti-seize. Mounts should be tightened into the back of the suppressor with a castle nut wrench. Counter-torque can be provided by using the included TL series wrenches on the tool features on the back of the suppressor.

The Front Cap should sit flush to slightly sub-flush. If it does not thread in all the way, check threads for damage or debris and clean as necessary.

Any questions concerning the performance or care of your suppressor should be directed to our Customer Service Department 801-857-4232.

5. DISCLAIMER:

The manufacturer is not responsible for damages or injuries due to the misuse or unintended use of its products. This product is potentially dangerous and, as such, adequate safety precautions must be taken in order to avoid damage to your firearm, damage to third parties, bodily injury or death. Please consult our website for further details at:

WWW.DEADAIRSILENCERS.COM OR CALL 801-857-4232

6. WARRANTY:

We provide a lifetime warranty against all manufacturing defects and damages caused by the normal use of this product. The manufacturer will repair or replace free of charge any suppressor manufactured by, or at the direction of, Dead Air Silencers. The product is sold "as is" with no further implied contractual rights or warranties beyond those expressly stated herein.

The warranty does not apply to certain conditions or acts. It is at the sole discretion and determination of Dead Air Silencers if a particular defect or condition is covered by this warranty. Conditions not covered include, but are not limited to: modifications, abuse, neglect, use of defective ammunition, use of improperly sized ammunition, and criminal conduct. Sound Moderation Technologies assumes no liability for damages or bodily injury caused by such acts or omissions as previously described. Abuse and neglect are defined as usage outside of the reasonable scope for which the product is intended, thus contributing to the accelerated and unreasonable premature wear of the suppressor itself.

If a repair is indicated then the owner must contact our Customer Service Department at 801-857-4232. A Dead Air Silencers representative will make arrangements for return of the suppressor at manufacturer's shipping expense. **DO NOT SHIP THE SUPPRESSOR FOR REPAIR WITHOUT FIRST CONTACTING CUSTOMER SERVICE AND DO NOT SHIP IN ANY EVENT WITHOUT A COPY OF THE APPROVED BATF FORM.** When you ship the suppressor back to the manufacturer, please include a detailed statement concerning the type of defect or malfunction encountered and describe the ammunition used and type of host weapon the product was used on or attached.

If for any reason your suppressor is not eligible for repair or replacement, you may purchase a replacement suppressor for 50% off the MSRP for a same or similar suppressor. Please contact our Customer Service Department for further details and requirements.

7. LAWFUL USE AND POSSESSION:

Your new suppressor is an NFA weapon and is not legal to own or possess in certain jurisdictions. Dead Air Silencers does not offer any express or implied promises or affirmations concerning the use, possession, or ownership of your suppressor. If you have any questions concerning the ownership, possession, or use of your suppressor contact the chief local law enforcement officer in the jurisdiction in which you reside or your local BATF office for further information concerning the ownership, use, and possession of NFA controlled weapons.

HELPFUL OWNERSHIP INFORMATION

ALWAYS MAINTAIN A COPY OF THE APPLICABLE BATF DOCUMENTS TO YOUR SUPPRESSOR WITH THE SUPPRESSOR ITSELF WHENEVER TRANSPORTING OR USING YOUR SUPPRESSOR. FAILURE TO DO SO COULD RESULT IN CONFUSION, PROSECUTION, OR CONFISCATION OF YOUR NFA CONTROLLED WEAPONS. BETTER SAFE THAN SORRY.

8. CONTACT INFORMATION:

You can contact us directly by telephone at 801-857-4232, or visit our website at www.deadairsilencers.com.


Thank you once again for supporting our products and feel free to contact us with any inquiries or concerns that you might have.





No Quarter



 Warning: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For other information go to www.P65Warnings.ca.gov