



TROY[®]

**RIFLE
SUPPRESSOR
Manual**

5.56 & 7.62 SUPPRESSORS

This manual is for both 5.56 AND 7.62 TROY
TPRS and KRYPTOS suppressors. Please
note the caliber and serial number below and
keep this manual for your records.



Caliber: _____

Model: _____

Serial Number: _____

Date Purchased: _____

TROY®

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SAFETY RESPONSIBILITIES & WARNINGS



WARNING: BEFORE USING AND/OR ATTACHING THIS SUPPRESSOR TO YOUR FIREARM:

- 1. READ THESE INSTRUCTIONS AND WARNINGS.**
- 2. READ THE OWNERS MANUAL FOR YOUR SPECIFIC FIREARM.**

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH.



WARNING: THIS SAFETY AND INSTRUCTION MANUAL SHOULD ALWAYS ACCOMPANY THIS SUPPRESSOR AND SHOULD BE TRANSFERRED WITH THE SUPPRESSOR UPON CHANGE OF OWNERSHIP.

IF THE MANUAL DOES NOT ANSWER YOUR QUESTIONS, PLEASE CONTACT TROY CUSTOMER SERVICE OR A CERTIFIED FIREARMS GUNSMITH.



WARNING: FOLLOW ALL SAFETY GUIDELINES TO ENSURE THE SAFE USE OF YOUR SUPPRESSOR AND FIREARM. FAILURE TO FOLLOW THESE WARNINGS AND INSTRUCTIONS COULD CAUSE PERSONAL INJURY OR DEATH.

NOTE: THE FIREARM SHOULD NEVER BE LOADED WHEN ATTACHING, REMOVING, AND/OR TIGHTENING A SUPPRESSOR.

TREAT EVERY FIREARM AS IF IT IS LOADED

Always verify that a firearm is unloaded. Verify visually that there is not a cartridge in the chamber. Only when the action is open, and the magazine is removed is a firearm considered “unloaded”.

ALWAYS FOLLOW THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL.

The installation, use, and removal of the suppressor must be followed in accordance with the information contained in this manual.

KNOW, FOLLOW, AND UNDERSTAND THE LAW

Suppressors are NOT legal in every state. Suppressors are controlled under the National Firearms Act (NFA; 26 U. S. Q. §5849 et seq.). Always keep your suppressor secured as you do with your firearm. Not all states allow hunting with a suppressor. Please consult the applicable state department or agency responsible for enforcing hunting laws and regulations for further information. You are responsible for knowing and complying with all local, state, and federal laws.

THE SUPPRESSOR CAN BECOME EXTREMELY HOT DURING USE.

Suppressors can become extremely hot during use and cause serious burns to skin or start a fire when placed on or near flammable materials. Always allow the suppressor to cool completely before handling with bare hands. After firing, identify a safe place to rest your firearm and allow the suppressor to cool.

ENSURE SUPPRESSOR IS PROPERLY INSTALLED BEFORE USE.

Ensure the suppressor is properly installed on your firearm before use. This includes proper alignment with the bore and proper fit between the suppressor and the firearm. An incorrectly installed suppressor could result in a baffle strike which will damage the suppressor and possibly cause injury or death.

TROY SUPPRESSORS ARE INTENDED FOR DRY USE ONLY.

ALWAYS WEAR EYE AND EAR PROTECTION

Suppressors reduce noise from the firearm's action of discharging a bullet but does not eliminate it.

BEWARE OF BARREL, BORE, AND SUPPRESSOR OBSTRUCTIONS

Be sure the firearm's bore and the suppressor are clear of obstructions before shooting. Mud, water, snow, or other objects may inadvertently lodge in the bore or suppressor. An obstruction in the barrel bore or suppressor is a dangerous condition and may damage your firearm and cause injury to yourself and others.

**ALTERING OR REPLACING PARTS SHOULD ONLY BE
PERFORMED BY A TROY FACTORY TECHNICIAN**

Use only TROY genuine parts. Improper functioning of your firearm may occur if genuine TROY parts are not used. This may result in serious injury or death.

AMMUNITION



WARNING: ONLY FACTORY NEW AMMUNITION OPERATING AT PRESSURES CONSISTENT WITH RECOGNIZED COMMERCIAL STANDARDS SHOULD BE USED WITH YOUR SUPPRESSOR.



WARNING: NEVER USE OR FIRE “TRACER” AMMUNITION THROUGH YOUR SUPPRESSOR.



WARNING: NEVER FIRE FRAGMENTED, PRE-FRAGMENTED, SIMMUNITION, UTM, OR BIRD SHOT AMMUNITION THROUGH THE TROY SUPPRESSOR.



WARNING: ONLY USE THE SUPPRESSOR WITH THE CALIBER FOR WHICH IT WAS DESIGNED.




WARNING: ENSURE ADEQUATE VENTILATION AT ALL TIMES. DISCHARGING, AND/OR CLEANING FIREARMS IN POORLY VENTILATED AREAS MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM, AND OTHER SERIOUS INJURY.

AMMUNITION

Ammunition choice is vital for best results while shooting suppressed. Make sure ammunition is compatible with the firearms being used. Perform the following test before mounting your suppressor to your firearm. With no suppressor mounted to the firearm, shoot a five-round group for accuracy. Groups should measure less than 3 MOA. If all impacts are circular (no oblong impacts/keyholing) then the cartridge is stable enough for use with a suppressor. Mount the suppressor following the proper instructions for the TROY suppressor. Shoot another five-round group, check bullet impacts for signs for instability. If the impacts are circular and consistent with the previous unsuppressed group, the ammunition is stable for use with the suppressor. If oblong impacts on the target (also known as keyholing) are found this may be caused by baffle strikes/rubs. Immediately stop shooting. Unload and clear firearm. Wait for the suppressor to cool. Once cooled, remove the suppressor from the firearm and inspect the endcap and aperture for copper streaks and or damage. Using a light source look down the suppressor. Ensure there is nothing blocking the bullet path and the suppressor bore is perfectly circular. If the bore is not circular and or any clattering of metal pieces inside the suppressor can be heard, immediately stop any further use of the suppressor and contact Troy Industries Customer Service.

ATTACHING SUPPRESSOR TO FIREARM

 **WARNING: NEVER ATTACH, TIGHTEN, OR REMOVE A SUPPRESSOR FROM A LOADED FIREARM.**

 **WARNING: ALWAYS ENSURE THAT THE SUPPRESSOR IS PROPERLY MOUNTED ON THE FIREARM BEFORE FIRING FIREARM WITH THE SUPPRESSOR. FAILURE TO FOLLOW PROPER MOUNTING INSTRUCTIONS CAN RESULT IN SERIOUS INJURY OR DEATH. IT CAN ALSO RESULT IN DAMAGE TO THE SUPPRESSOR AND WILL NEGATIVELY AFFECT PERFORMANCE AND ACCURACY.**

STEP 1: First ensure the firearm is unloaded! Remove the thread protector and or non-compatible muzzle device from the muzzle. If installing a TROY® suppressor-compatible muzzle device, we strongly recommend using a shim and Rocksett™ muzzle adhesive. (follow Flexbar® SDS and recommended usage)





ALWAYS WEAR EYE PROTECTION

NOTE: Ensure all mounting surfaces are clean before installation.

STEP 2: After muzzle device has been properly installed (and/or cured), hand-tighten the suppressor over the mounted device until the bottom of the suppressor has seated to the taper on the muzzle device. Ensure a snug fit.

NOTE: DO NOT APPLY ADDITIONAL TORQUE WITH A WRENCH OR TOOL. Doing so may damage the taper and result in misalignment.



STEP 3: Visually inspect the suppressor to ensure it is correctly attached to the firearm. We recommend usage of a suppressor alignment rod to ensure concentricity after installation.

NOTE: It is necessary for the user to periodically check that the suppressor remains tight on the firearm.

REMOVING SUPPRESSOR FROM FIREARM

! **WARNING: NEVER ATTACH, TIGHTEN, OR REMOVE A SUPPRESSOR FROM A LOADED FIREARM.**

! **WARNING: SUPPRESSOR MAY BE HOT. ENSURE THE SUPPRESSOR HAS COOLED. ALWAYS WEAR EYE PROTECTION WHEN WORKING WITH YOUR FIREARM.**

STEP 1: Confirm that the firearm is unloaded. Remove any magazine from the firearm.



STEP 2: Be sure suppressor is cooled. To remove the suppressor, you may need to use a strap wrench or to loosen the suppressor then rotate the suppressor counterclockwise by hand to finish removing the suppressor.

CLEANING THE SUPPRESSOR



WARNING: ENSURE THAT YOUR FIREARM IS UNLOADED BEFORE BEGINNING ANY MAINTENANCE.



WARNING: ENSURE ADEQUATE VENTILATION AT ALL TIMES. DISCHARGING, AND OR CLEANING FIREARMS IN POORLY VENTILATED AREAS MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM, AND OTHER SERIOUS INJURY.

- Do not attempt to clean the suppressor while it is installed on the firearm. Dismount the suppressor from the firearm.
- No disassembly of suppressor is necessary to clean suppressor.
- Clean outer tube and threaded components of suppressor using a nylon or plastic bristle brush to remove any debris from the threads. DO NOT use wire brushes for cleaning.
- Take care in using any metal tools to clean the suppressor as these can damage the suppressor components and decrease the useful service life.
- If any cleaner is introduced to the suppressor, make sure suppressor is completely dry before use. Firing with any remaining liquid can result in damage

CLEANING THE SUPPRESSOR

resulting in the suppressor not functioning correctly. TROY is not responsible or liable for any damage that results from failure to observe all applicable product warnings and instructions

- The suppressor should be removed from its host weapon as soon as possible after every use. The suppressor should be removed while it is still warm because carbon fouling solidifies as the unit cools, making it more difficult to remove. If the weapon/sound suppressor combination is to be repeatedly used over a period of time, it is useful to remove the suppressor periodically to prevent the buildup of carbon release. The rifle barrel and suppressor should be cleaned after every use.
- Dry brush carbon fouled parts using a small arms brush. Use care to orientate the parts so carbon does not fall into the weapon bore, RAS, or down into the sound suppressor body.
- Use CLP and a cloth to remove carbon fouling from exterior barrel surfaces normally covered by suppressor to prevent rust.
- If carbon fouling remains, use small arms brush and CLP to scrub parts clean. Remounting and dismounting sound suppressor (with muzzle pointed down) once wet with CLP. it may help remove residue

- Clean and dry CLP from affected parts with absorbent cloth.
- If barrel and suppressor are exposed to salt water, mud, or corrosive chemicals, suppressor should be removed from host weapon and assembly should be thoroughly rinsed with fresh water and completely dried internally.

CAUTION

- DO NOT allow CLP to flow down in suppressor body and contaminate the internal baffle areas. CLP and other oily residues will cause excessive smoke when the suppressed rifle is fired. Failure to comply may result in malfunction or damage to equipment.
- DO NOT oil the suppressor body. Wipe it with a clean, dry cloth. Apply a light coat of CLP to suppressor components to prevent corrosion each time rifle is cleaned for smooth operation.

WARRANTY INFORMATION

One Year Limited Warranty – Suppressors

All TROY® products are manufactured in the USA using the finest quality materials. TROY warrants to you, the original purchaser of a new TROY product with proof of purchase, that for one year from the date of purchase, your TROY Suppressor will be free from defects in material and workmanship. If you make a claim within the warranty period following the instructions given in this warranty, we will, at our option, repair the defect(s), or replace the product at no cost to you. If we send you a new product, we will keep the defective one. TROY will determine, in its sole and exclusive discretion, whether to repair or replace a product, part or component. TROY also reserves the right to determine the means and materials by which such repair or replacement will be made. All defective product returns must be pre-authorized by TROY customer service and be accompanied by a Return Material Authorization (“RMA”) Number. You must contact customer service to receive an RMA Number prior to returning any product. You must have your original purchase paperwork, including your receipt or other proof of purchase and be willing to provide these documents to TROY.

This limited warranty does not cover personal injury, property damage, and/or damage caused by:

- Failure to follow the Instructions provided with the product.
- Improper maintenance or negligence.

- Alterations or modifications made to the product without the expressed written authorization of TROY®.
- Normal wear and tear.
- Accidental discharge, careless handling, and/or misuse.
- Handloaded, reloaded, or improper ammunition.
- Barrel obstructions.

There are no warranties which extend beyond the description above. The sole and exclusive remedy pursuant to this warranty is the repair or replacement of your TROY product. The implied warranties of merchantability and fitness for a particular purpose are expressly disclaimed. All disclaimers and limitations of liability shall still apply even if the limited remedy of repair and replacement fails of its essential purpose. In states where permitted, TROY assumes no liability for incidental or consequential damage or for incidental expenses. Any action against TROY based on an alleged breach of this warranty must be brought within one (1) year of the claimed breach.

RETURNS

Suppressors may be returned to TROY for inspection services, as necessary. Contact the TROY customer service department to obtain a Return Merchandise Authorization (RMA) in order to return your suppressor. Returned suppressors will be evaluated upon receipt to determine whether no-charge or fee service is appropriate. TROY is not responsible or liable for any damage that results from the failure to observe all applicable product warnings and instructions.

For fee service, a quote will be provided to you and services will commence upon receipt of payment. It is the responsibility of the customer to cover shipping costs and insurance to return the suppressor to TROY for inspection or repair. TROY will pay any reasonable shipping and insurance costs to return the unit to you.

TROY maintains complete repair facilities for all the suppressors it manufactures. Return authorization and shipping instructions must be obtained prior to return. Contact TROY for this information. Customer should consult and submit to the ATF a Form 5 prior to returning the suppressor. We will also require a photocopy of the front of the Owner's Form 3, 4, or 5.

RETURNS

CONTACT & SHIPPING INFORMATION FOR OWNERS WITHIN THE UNITED STATES

NOTE: A Return Merchandise Authorization (RMA) is the first step in the process of returning a product in order to receive inspection or service. Please contact TROY Customer Service Dept. via e-mail or by phone to obtain authorization to return your suppressor so we can process it quickly and efficiently. The RMA number that is supplied by TROY must be displayed on the outside of the returned product's packaging.

The Return Merchandise Authorization (RMA) process allows TROY an opportunity to diagnose and correct a customer's concerns with the product before it is returned. Accordingly, please contact us before returning your TROY suppressor.

Note - Training suppressors are available separately for purchase that mimic the same profile, dimensions, and weight.



866-788-6412

Shipping Address

TROY Industries
1575 Corporate Parkway Blvd.
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PART NO.: ZMNL-MRB00