

INSTALLATION OF ZENITH 45 SUPPRESSOR

ALWAYS ENSURE THE FIREARM IS UNLOADED WHEN ATTACHING OR REMOVING SUPPRESSOR

INSTALLATION

1. Engage the safety. Remove the magazine from the firearm. Retract the bolt or slide and lock it open. Visually and physically inspect the chamber to ensure the firearm is empty and unloaded.
 2. Ensure that the threads on the barrel and suppressor are clean and undamaged. Apply a small amount of anti-seize to the barrel threads and screw the suppressor onto the barrel until it makes contact with the shoulder. Hand tighten the suppressor onto the barrel. **SPECIAL CARE MUST BE TAKEN TO AVOID CROSS-THREADING. DAMAGE TO THE SUPPRESSOR AND BARREL THREADS WILL RESULT IN MISALIGNMENT OF THE SUPPRESSOR WITH THE BORE OF THE FIREARM. MISALIGNMENT MAY RESULT IN A POTENTIAL BAFFLE STRIKE THAT COULD CAUSE SERIOUS PERSONAL INJURY AND DAMAGE TO BOTH THE FIREARM AND SUPPRESSOR.**
- Direct thread mounted suppressors are known to loosen up/unscrew during firing. **IT IS EXTREMELY IMPORTANT THAT THE OPERATOR FREQUENTLY CHECKS THAT THE SILENCER REMAINS SECURELY TIGHTENED ONTO THE BARREL.** Please note the suppressor will be extremely hot during and after firing. Wait until the suppressor cools or use a leather glove to retighten the silencer if it loosens during use.
 - The ZENITH is a 45-caliber suppressor rated for straight-walled cartridges including .45 ACP, 9mm, 10mm, .450 Bushmaster, and .45-70 Government.
 - The ZENITH 45 suppressor is **NOT** full-auto rated.
 - The ZENITH 45 has no barrel length restrictions for pistol cartridges. Minimum 18-inch barrel required for .45-70 rifle use with optional direct thread mount.
 - Firing more than 20 rounds rapid fire (less than 1 minute) will cause premature wear on the baffles. It is recommended that the suppressor be allowed to cool between rapid fire sessions.

DISASSEMBLING AND MAINTENANCE

1. Unscrew piston cap to remove piston, spring and bearing ring.
2. The piston housing can then be removed with the use of the supplied tool.
3. Unscrew the endcap and extension from the main tube.
4. Soak only the main tube and extension in one-part CLR to three parts-water.
5. Clean the remaining parts using a plastic bristle brush with hot soapy water.
6. Rinse all parts with warm water and let dry.
7. When reassembling, apply anti-seize to all threads.

LIMITED LIFETIME WARRANTY

- I. Mack Brothers offers a limited lifetime warranty that covers any defects in workmanship and materials for the lifetime of the original owner. This warranty does not cover damage to the firearm caused by reloaded or defective ammunition, misuse, negligence, abuse, and modifications not related to manufacturing defects.
- II. The limited lifetime warranty will become void if the firearm is found altered or modified in any way.
- III. Warranty claims will be reviewed on a case-by-case basis to determine fault or cause of issue.

- IV. Any repairs needed because of customer negligence or normal wear and use can be repaired by Mack Brothers staff. An estimate will be provided based on the number of repairs deemed necessary and/or requested by the customer.

DISCLAIMER OF LIABILITY

- I. In no event does Mack Brothers become liable for consequential damages. Mack Brothers assumes no liability or responsibility for damage, injury, and/or death that results in whole or in part from improper or criminal use, product malfunctions, negligence, or reloaded and defective ammunition.
- II. Failure to read and follow the instructions set forth in this manual may create a potentially dangerous situation for the operator and/or damage to the firearm. If you do not understand the instructions in this manual, it is your responsibility to contact Mack Brothers for clarification or seek guidance. If you choose not to follow or read the instructions in this manual, you are using the firearm at your own risk.

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