

## INSTALLATION OF SUPPRESSOR

### ALWAYS INSURE THE FIREARM IS UNLOADED WHEN ATTACHING OR REMOVING SUPPRESSOR

(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) When using the direct thread, insure that the threads on the barrel and suppressor are clean and undamaged. Screw the suppressor onto the barrel thread until the suppressor completely shoulders against the barrel. **SPECIAL CARE MUST BE TAKEN TO AVOID CROSS-THREADING. DAMAGE TO THE SUPPRESSOR AND BARREL THREADS WILL RESULT.**

When using the Quick Detach, ensure the suppressor is completely threaded to the muzzle brake and then continue to turn bottom lock ring until tight as seen in figure 1 and 4. **MISALIGNMENT OF THE SUPPRESSOR WITH THE BORE OF THE FIREARM MAY RESULT IN A POTENTIAL BAFFLE STRIKE THAT COULD CAUSE SERIOUS PERSONAL INJURY AND DAMAGE TO BOTH THE FIREARM AND SUPPRESSOR.**

(3) 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 very 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 Helium is rated up to 300 Win. Mag with a 24" barrel and is **NOT** full auto rated. It should not be used on barrel lengths shorter than 16" with 223 or 556 cal. Firing more than 20-30 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.

## DISASSEMBLY & ASSEMBLY

- (1) Remove the endcap with the spanner wrench provided (figure 2).
- (2) Use the spanner wrench provided to switch/ remove the direct thread or Quick Detach (QD) insert near the muzzle end (figure 3). **ALWAYS** apply anti-seize before replacing either the direct thread, QD inserts, or endcap.
- (3) This suppressor is not user serviceable. The end caps can be removed though for optimum cleaning. We recommend cleaning with an ultrasonic cleaner or Slip 2000 Carbon Killer.
- (4) After finished cleaning, apply anti-seize and then tighten end cap and muzzle insert (Direct or QD).

## LIMITED LIFETIME WARRANTY

This warranty covers any defects in workmanship and materials for the lifetime of the original owner. This warranty does not cover damage to the firearm or suppressor caused by hand-loaded ammunition, misuse, negligence, abuse, modifications, or baffle strikes not related to manufacturing defects.

## DISCLAIMER OF LIABILITY

Mack Brothers assumes no liability for damage and or injuries that result in whole or in part from product malfunctions, negligent, criminal, improper use, and reloaded or defective ammunition.

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# MACK BROTHERS

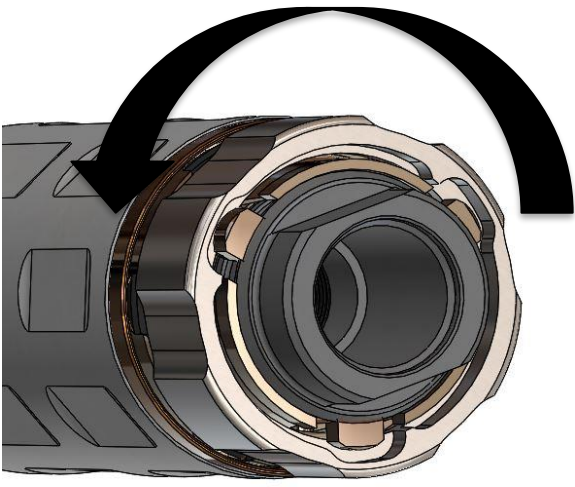


Figure 1: Turn QD mount ring to tighten onto muzzle brake.

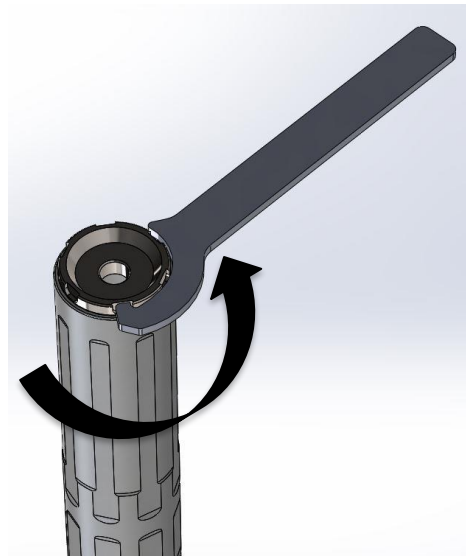


Figure 2: Turn spanner wrench to remove end cap.

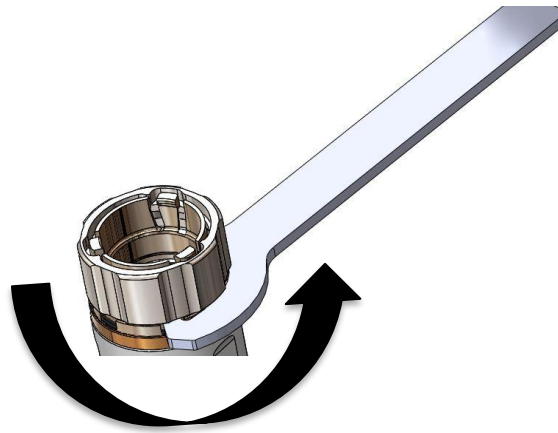


Figure 3: Turn spanner wrench to remove or replace QD insert with direct thread insert.

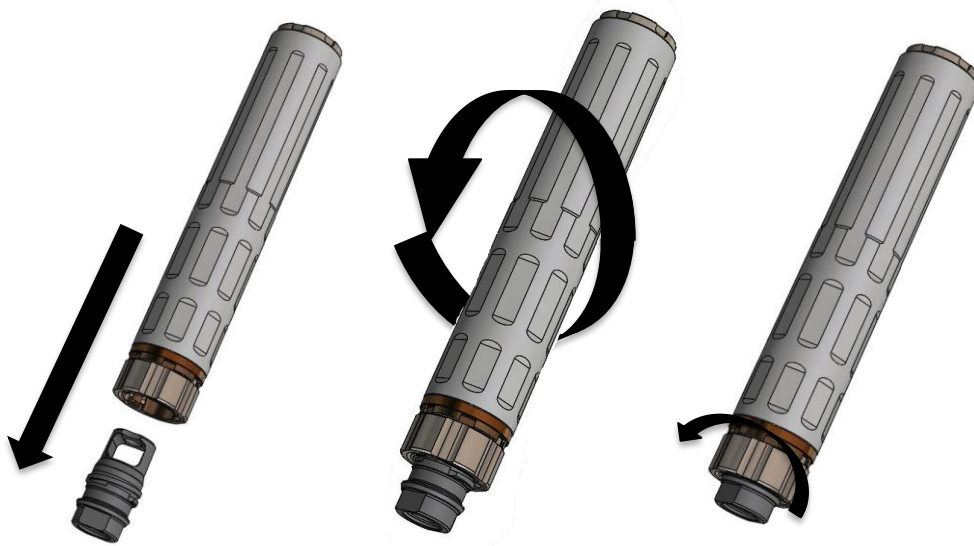


Figure 4. Attaching to QD muzzle brake.