



KAC

KNIGHTS ARMAMENT

NT4-UM-0002
Rev 2

NSN: 1005-01-437-0324

QDSS NT4 SUPPRESSOR

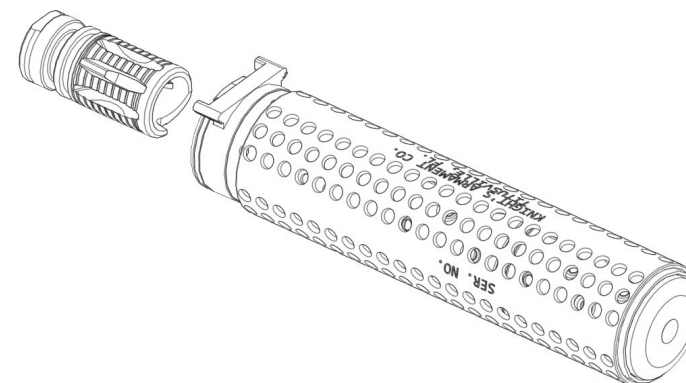
WARNING

Confirm the weapon is unloaded and on SAFE.

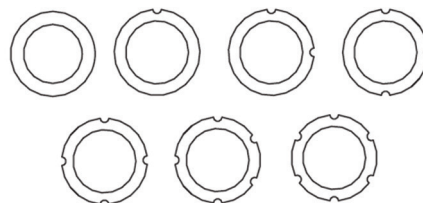
NOTE

The QDSS NT4 suppressor PN 96062-1 provides the user with a means to reduce the firearm's muzzle blast, flash and noise for enhanced operations and hearing protection. The M4QD muzzle compensator is required on the host firearm because of the addition of its locking groove and the front edge alignment notch at the six o'clock position that insures proper sound suppressor orientation and installation.

Wrench, Combination, NSN: 4933-00-070-9152
Wrench, Torque, NSN: 5120-00-640-6364



SHIMS



Shim Thickness (in)	Number of Notches
.031	no notch
.020	one notch
.015	two notches
.012	three notches
.010	four notches
.009	five notches
.008	six notches

NOTE

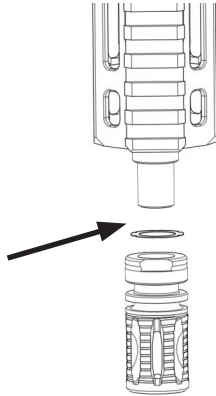
Muzzle devices should have between one and three shims. For initial fitment, the 0.12 shim is recommended. This will allow a reference point to select proper shim.

ALIGNMENT ADJUSTMENTS

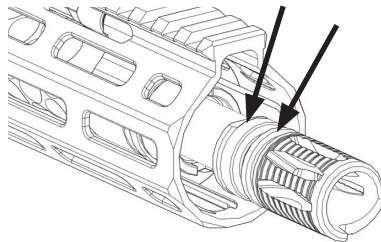
- If the center slot aligns past the 12 o'clock position by more than 1/2 turn, remove the correct shims to get the center slot close to the 12 o'clock position. Use the chart to determine the correct shim/thickness combination.
- If the center slot aligns past the 12 o'clock position by less than 1/2 turn, add shims needed for the center slot to reach the 12 o'clock position (each 1/4 turn is approximately .010" of shim thickness). Use the chart to determine the correct shim/thickness combination.
- If the center slot pin aligns within +/- 1/4 rotation of the muzzle device, add thickness if the slot is past 12 o'clock (top dead center); or remove thickness if it is before 12 o'clock. Use the guide for estimating shim thickness.
- Use center slot for a reference point. This point needs to be at 11 o'clock when hand tight so that when torqued to 15-20 ft-lbs the slot will be centered at 12 o'clock.


1 Thread the muzzle device onto the barrel. After inserting shims, and the muzzle device is seated in the correct position, take off the muzzle device and apply Rocksett to the muzzle threads.

Allow rocksett to cure for minimum if 24 hours before use.

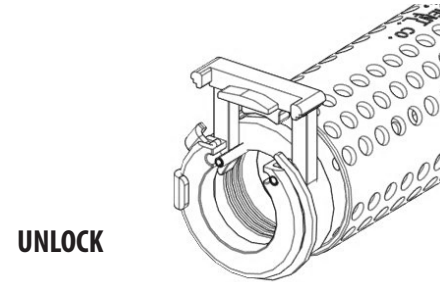


2 Re-attach the muzzle device and torque to 20 ft-lbs and ensure the alignment pin is in-line with the gas block to achieve the 12 o'clock position, +/- 3 degrees.

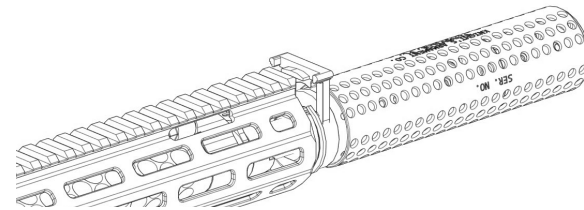


NOTE:
 **Ensure the rifle is positioned in the vertical position (muzzle up).**

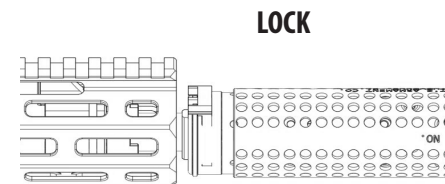
3 Rotate the locking ring and lift gate latch.



4 Pulls suppressor back onto the muzzle device until gate latch is able to drop.



5 Seat gate latch and rotate locking ring.





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