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MADE USA
IN THE



M4-72 Severe-Duty™ Muzzle Brake Installation Guide

IMPORTANT: READ INSTRUCTIONS COMPLETELY BEFORE INSTALLATION.

WARNING: MAKE SURE FIREARM IS UNLOADED BEFORE INSTALLATION. VISUALLY INSPECT CHAMBER, MAGAZINE, AND FIRING MECHANISM TO BE CERTAIN NO AMMUNITION IS IN THE FIREARM.

Model	Caliber	Barrel Thread	Accu-Washer System
M4-72-556	.223	1/2-28 RH	AWS-500 (1/2-28)
M4-72-762	.308	5/8-24 RH	AWS-625 (5/8-24)

INSTALLATION: First remove any existing muzzle device and/or shims or washers if necessary. This compensator features ports which are canted upwards to generate a downward force at the muzzle. For this reason the compensator must be properly 'timed' (indexed) with the narrow flat at the 12 o'clock position (top dead center). It is recommended to use the Precision Armament Accu-Washer™ Muzzle Alignment System. This will guarantee the most accurate bore alignment providing the highest

level of safety and performance. Alternatively, a peel washer or other multi-shim system will provide adequate alignment for safe bullet clearance. However, it is not recommended to use a crush washer for timing as this can result in unacceptable misalignment. Clean and degrease threads on the barrel and on the inside of the compensator prior to final installation. Depending on firing schedule, it is recommended to apply a high temperature (i.e. Loctite® 272) or ultra-high temperature (i.e. Flexbar® Rocksett) thread locking compound at final installation. Tighten to 20-30 ft-lbs of torque using wrench flats at base of compensator.

IMPORTANT: After installation is completed, it is imperative to check the alignment of the muzzle brake bore with the barrel bore to verify appropriate bullet clearance. This should be checked visually and with a tight fitting bore alignment rod inserted through barrel and muzzle brake to verify a bullet will not impact.

IMPORTANT: NEVER INSTALL THIS MUZZLE DEVICE ON A FIREARM THAT HAS A LARGER CALIBER DIAMETER THAN THE MUZZLE DEVICE IS DESIGNED FOR. THIS CAN ONLY BE DONE IF THE BORE IS ENLARGED TO ACCOMMODATE THE LARGER CALIBER. THIS SHOULD ONLY BE PERFORMED BY A COMPETENT GUNSMITH. RECOMMENDED MINIMUM BORE CLEARANCE IS 0.030" OVER BULLET DIAMETER.

CAUTION: This device operates by redirecting high-pressure gases at the muzzle. As a result, debris, gas, and propellant particles can be propelled back towards the shooter or nearby observers. ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING OR OBSERVING.

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