

IMPORTANT

READ INSTRUCTIONS COMPLETELY BEFORE INSTALLATION.

WARNING

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



INSTALLATION INSTRUCTIONS



Secure upper receiver and barrel assembly using an upper receiver reaction rod. Use of an upper receiver vise block or comparable fixture will reduce stability, This is not recommended as it may result in damage to upper.



Inspect muzzle brake threads and muzzle threads to ensure both are clean and free of debris.



Thread muzzle brake onto muzzle until hand tight, noting the current orientation. Visually estimate the rotation required for the center triangle port to point directly up. Installing upside down will result in increased muzzle rise during operation.



Remove muzzle break and install correct shim to achieve proper orientation after torqueing. Use the shim table below for reference. If the smallest shim is too thick, use a combination of shims to achieve proper rotation.



Note: muzzle brake will rotate an additional 10° to 30° beyond hand tight depending on applied torque. Shim rotation is only an approximation.



Apply 1-2 drops of Rocksett on threads. Hand tighten muzzle device with shim installed. Using a 7/8" wrench, rotate muzzle device until you reach correct orientation.



If little to no torque is required, remove muzzle break and use a thicker shim. If an excess of 25 ft-lbs of torque is required, use a thinner shim.



Color	Rotatio
Black	270°
Blue	180°
Red	120°
Green	100°
Yellow	90°
White	70°

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