



AR15 BAR Barrel Nut Installation

The AR15 BAR Barrel Nut is used to connect our Enhanced and Quantum style handguards to standard threaded upper receivers. It is machined from Billet 7075-T6 aluminum and can be mounted to your AR15 upper receiver using an adjustable torque wrench with a standard AR15 armorer's wrench.

This product comes with 4 shims to properly time the gas tube with the upper receiver.



Please Note: All Aero Precision Handguards use this interface. If you intend to connect an Aero Precision Handguard to a standard threaded upper receiver, you will need this barrel nut. If you have our M4E1 Enhanced Upper Receiver, you do not need this barrel nut as the rail mounting platform are forged directly on to the upper receiver itself. *Recommended torque 30-45 ft. lbs. Torqueing BAR Barrel Nut over 45 ft. lbs. can result in damage to your barrel nut.

Tools/supplies needed: AR15 armorers wrench, Torque wrench with a 1/2" drive and anti-seize grease.



Step 1



Apply some anti seize grease to the threads of your upper receiver.

Step 2



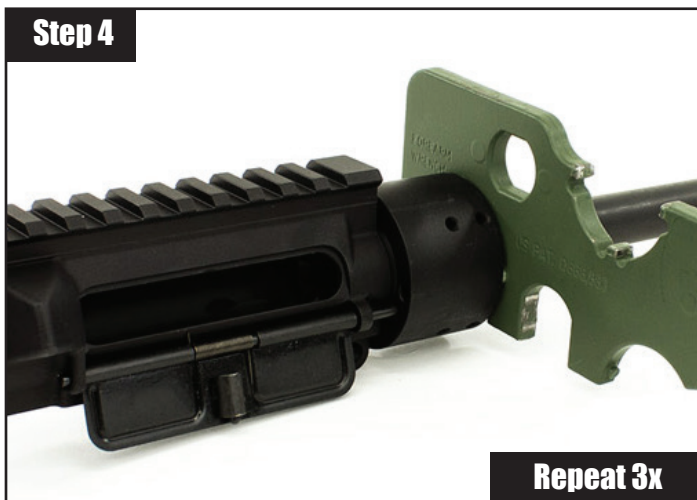
Insert your barrel into your upper receiver.

Step 3



Set torque to 30 ft. lbs and attach torque wrench to your armorer's wrench.

Step 4



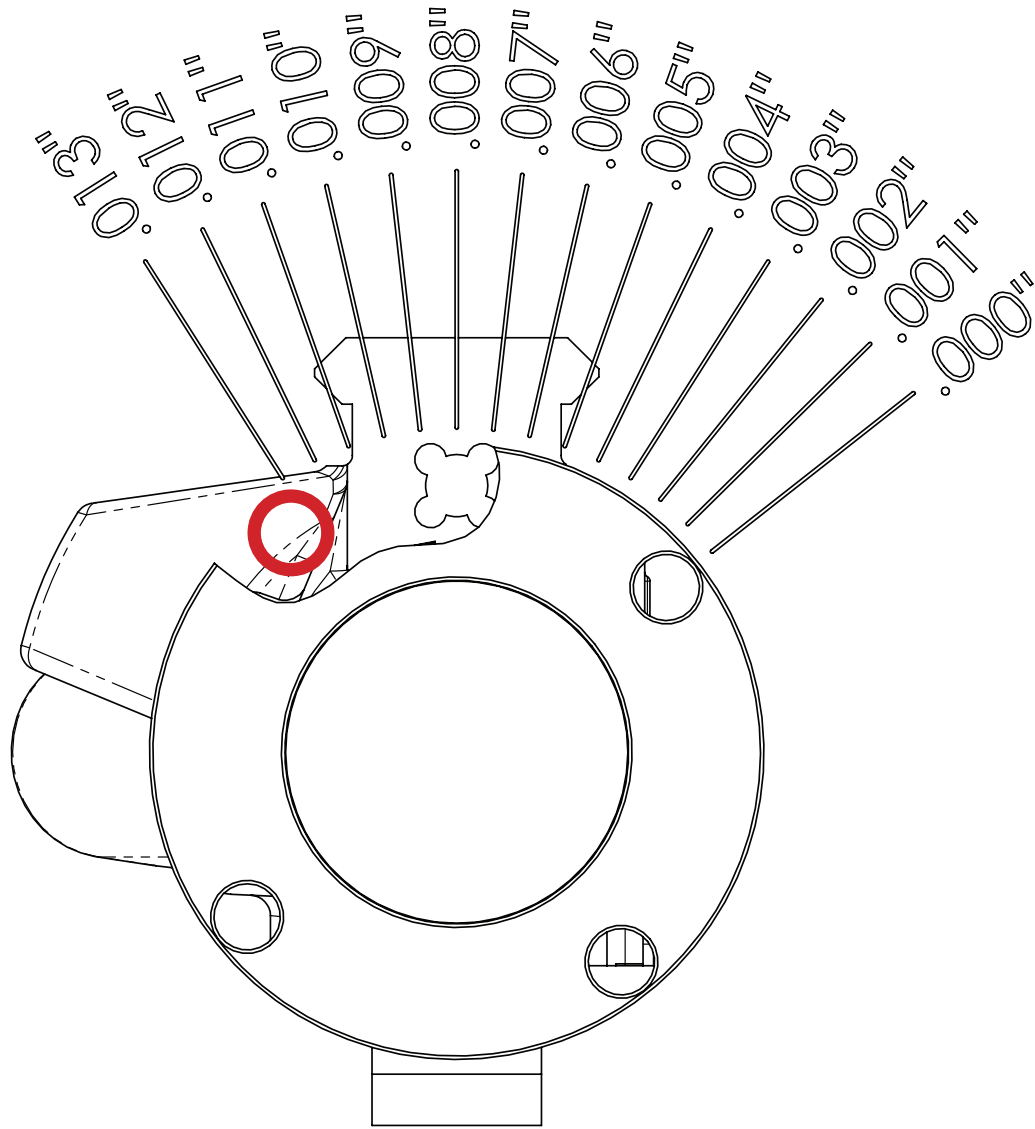
Torque the barrel nut onto your receiver. Remove the barrel nut and re-torque to 30 ft. lbs. Repeat three times.

Repeating the process conditions/breaks-in your threads.

Step 5



Check your alignment. The hole needs to be in the 12' o'clock position to allow the gas tube to pass through.



Step 6

Use the gauge to determine the proper number of shims to correctly align the holes. In the above example four .002" shims would be ideal. However, if you only had .003" shims, use two and add torque to align the holes, if three were used, the holes would align at less than 30 lb-ft.



Step 7

Remove your BAR Barrel Nut and add the appropriate number of shims.



Step 8

Torque the barrel nut onto your receiver. Using 30-45ft lbs you should be able to time your barrel nut correctly.



Step 9

Insert your gas tube and tighten your gas block



Step 10

Install your handguard and you are now done.