



MEGA ARMS LLC.

WWW.MEGA-ARMS.COM

1-877-857-5372

MKM BARREL INSTALLATION INSTRUCTIONS AR-15 & MATEN

WARNING: DPMS PANTHER CLAW P/N TL-PRC (AR-15) & P/N 308-TL-PRC (.308) ARE THE ONLY APPROVED FIXTURING UNITS FOR HOLDING THE MTS DURING ASSEMBLY. THE USE OF ANY OTHER INSTALLATION TOOL WILL VOID ALL WARRANTIES.

WARNING: IF YOUR INSTALLATION INCLUDES A LOW-PROFILE GAS BLOCK, WHICH FITS BENEATH THE HANDGUARD, IT MUST BE DETERMINED THAT THE GAS BLOCK SLIDES ONTO THE BARREL WITHOUT DIFFICULTY PRIOR TO INSTALLATION. ADDITIONALLY, WE RECOMMEND HAVING THE BARREL DIMPLED FOR THE GAS BLOCK SET SCREWS (REFER TO RECOMMENDED PART NUMBERS FOR LOW PROFILE GAS BLOCKS).

NOTE: IF YOUR BARREL AND GAS BLOCK DO NOT FIT TOGETHER PROPERLY, MEGA ARMS CAN CORRECT THIS FOR YOU. CALL FOR PRICING. 1-877-857-5372.

RECOMMENDED PART NUMBERS FOR LOW PROFILE GAS BLOCKS:

Rainier Arms: Low profile match grade gas block

Stag: Low profile gas block

Vltor: GB-2S

Yankee Hill: YHM-9383

A colored PDF of these instructions can also be found at WWW.MEGA-ARMS.COM.

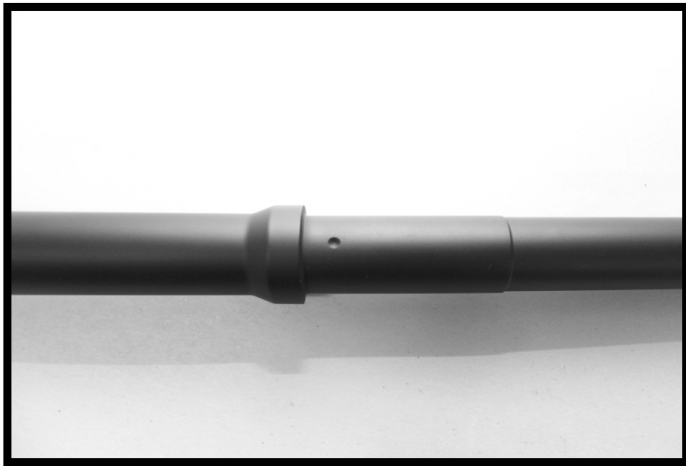
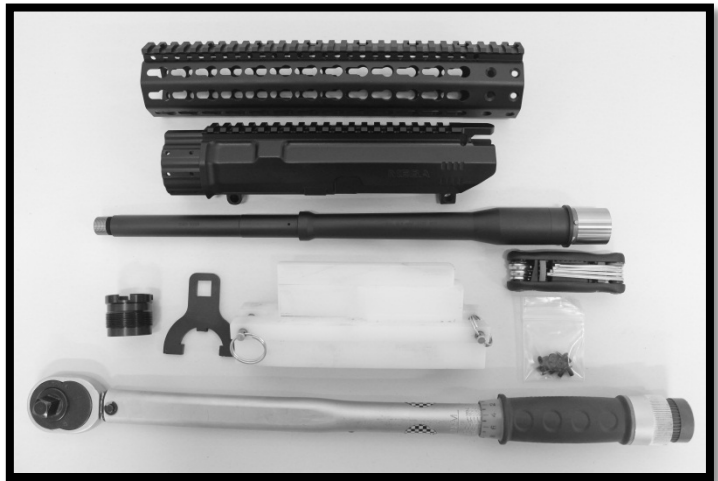
Insure that you have the proper installation tools, including ft-lbs torque wrench, appropriate wrench for gas block, and DPMS Panther Claw.

Included with each Upper Receiver

MKM AR-15:

Forward Assist, Dust Cover Door, Dust Cover Door Pin, Barrel Nut, & Wrench.

MKM 308: Dust Cover Door, Dust Cover Door Pin, Set Screw, Barrel Nut, & Wrench.

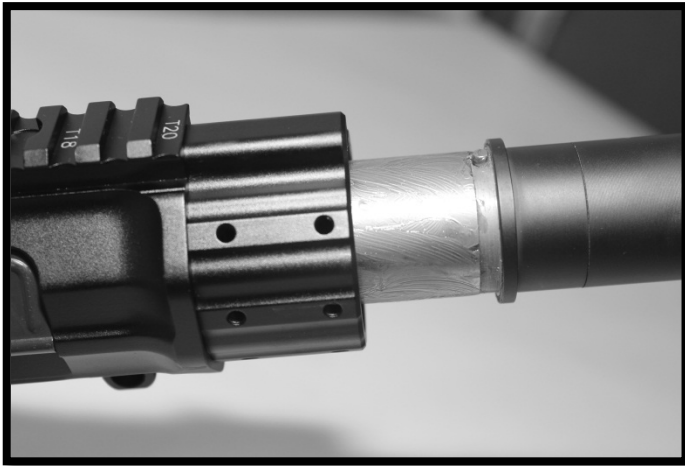


Pictured at left is an example of a barrel with dimples, ready to receive a low profile gas block.

Step 1

Apply a coat of lithium grease or anti-seize equivalent for easier assembly and removal.





Step 2

Insert the barrel into the MKM, and insure that the alignment pin locates in the alignment slot. This is done by checking the barrel extension seat.

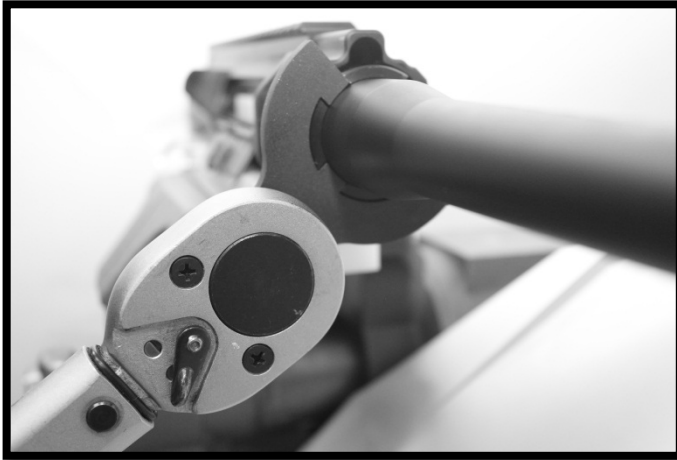
Step 3

There should be no gap between the barrel extension and its mating surface, as pictured at right. Warning: if barrel extension is not seated correctly, it will cause irreparable damage.



Step 4

Apply a generous amount of anti-seize or lithium grease equivalent on the threaded portion of the barrel nut.



Step 5

Using a ½ “torque wrench, tighten to 65 foot pounds. Loosen and re-torque (Note: Because the square for the torque wrench is offset from the center of the wrench, 65 ft.-lbs. on the wrench translates to 75 foot pounds on the nut. Do not try to compensate for the offset. This has already been calculated.)

Step 6

Affix gas block to barrel and tighten accordingly.



Step 7

Slide hand guard over flange of upper and prepare for installing torx screws.

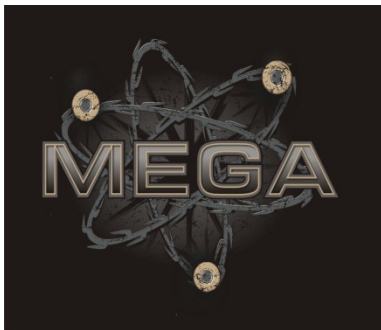
Step 8

Using a T15 torx wrench, install torx screws into your MKM. Loctite may be used on the screws. We do not specify use, but if desired, Loctite 222ms low strength is preferred.



Step 9

After properly installing your hand guard, your MKM is ready for use. Please contact Mega Arms if any questions arise.



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