

MLOK Handguard 9.85" Installation Instructions

BEFORE WORKING ON ANY FIREARM MAKE SURE IT'S UNLOADED AND SAFE TO HANDLE!
We recommend that the bolt carrier group and charging handle are removed prior to installing your new handguard. One notable benefit of using a free-float handguard is an increase in accuracy due to reduced variability in the barrel harmonics caused by sling tension.

STEP 1:

Apply a thin coating of high temperature bearing grease to barrel nut threads.
(Recommended: Aeroshell 33MS/64.)



STEP 2:

Ensure the barrel is fully seated into the upper receiver with the index pin located inside the index pin cutout on the upper.



STEP 3:

Hand-tighten the barrel nut, ensuring it fully secures the barrel.



Use a vice mounted fixture (e.g. Midwest Industries Upper Receiver Rod), to mount the upper receiver to stabilize it during installation.



NOTE: If your barrel does not hand fit into upper, **do NOT hammer it in.** Gently heat the threaded portion of the upper receiver to approximately 150° - 200° using a standard heat gun. The barrel should slide in easily after heating. You can freeze your barrel for at least an hour and try installing into a heated upper receiver if resistance persists.

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STEP 4:

Tighten the barrel nut using a standard castle nut wrench and torque wrench. We recommend using either the Magpul or Real Avid armorer's tool.

- Torque the barrel nut to **40-55 foot/lb.**
- Loosen the barrel nut.
- Torque the barrel nut a **second time to 40-55 foot/lb.**
- Loosen the barrel nut.
- Torque the barrel nut a **third time to 40-55 foot/lb.**



NOTE: The barrel nut does not need to be indexed, so over torquing is not necessary.

STEP 5:

Once the barrel is seated, install any components – gas blocks, gas tube that will be covered by the handguard.



STEP 6:

Slide the handguard over the barrel and barrel nut, the **anti-rotation tabs should slide around the upper receiver.**

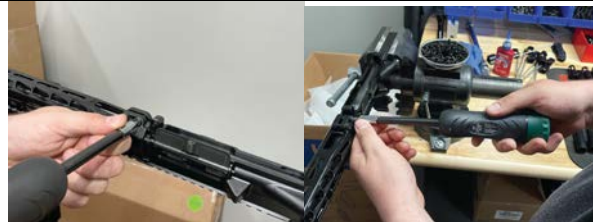
NOTE: *If the anti-rotation tabs prevent the handguard from sitting flush against the upper receiver due to an oversized or nonstandard upper receiver, you may have to hand file the inside of the tabs to allow it to fit. We recommend using a fine flat file or jeweler's file.*



Once the handguard is seated flush against the face of the upper receiver, you now can secure it with the two supplied mounting screws.

Optional: Apply a small amount of blue Loctite to the leading portion of the threads.

Hand-tighten each screw using a 1/8" hex wrench. Torque each screw to 35 in/lb, alternating back and forth between screws to ensure even pressure.



NOTE: *When finished wipe away any excess grease and thread locker.*