



AR 308

SUPER SLIM FREE FLOAT M-LOK™ RAIL SYSTEM

Item No.:

MTU020SSMA / MTU020SSMB / MTU020SSMC / MTU026SSMA / MTU026SSMB / MTU026SSMC /
MTU038SSMA / MTU038SSMB / MTU038SSMC & All Color Versions

- Proudly Designed and Made in **USA**
- M-LOK™ Super Slim Free-floating Handguard with Precision Machined Proprietary Barrel Nut Design
- 7 M-LOK™ Slot Tracks for Mounting M-LOK™ Rails and Direct Accessories to Tailor the Rifle to the User's Specific Requirements
- Super Lightweight with Flush Fitting Top Rail that is Continuous with Upper Receiver, Providing Ample Real Estate for Optics and Other Accessories
- Includes one 8 Slot M-LOK™ Picatinny Rail Section, and a QD Sling Swivel Adaptor for Sling Swivel Attachment for Limitless Accessory Customization Options
- Features Integral Anti-rotation Tabs for Accurate Alignment with the Upper Receiver While Completely Preventing the Handguard from Rotating Under Heavy Use
- Ergonomic Octagonal Profile with Grooved Surface for a Solid, yet Comfortable Grip, for Fast and Seamless Firearm Handling
- Scalloped Top Picatinny Rail Edges for Easy and Snag Free Accessory Mounting
- Precision Machined from 6061-T6 Aircraft Grade Aluminum
- Simple and User Friendly Installation with Easy to Follow Instructions Included



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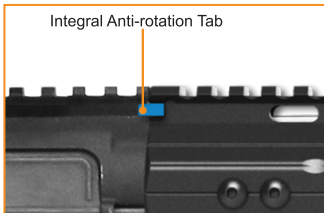
Made in USA

AR 308 SUPER SLIM FREE FLOAT M-LOK™ RAIL SYSTEM INSTALLATION GUIDE

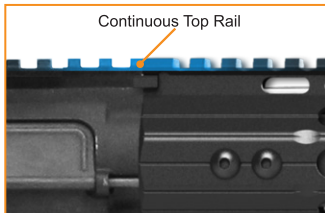
COMPATIBLE FIREARMS

Product	Compatible Firearms
MTU020SSMA, MTU026SSMA, MTU038SSMA, and All Color Versions	ArmaLite® AR10® & Variants
MTU020SSMB, MTU026SSMB, MTU038SSMB, and All Color Versions	DPMS® LR-308 High Profile & Variants
MTU020SSMC, MTU026SSMC, MTU038SSMC, and All Color Versions	DPMS® LR-308 Low Profile and S&W® M&P® 10 & Variants

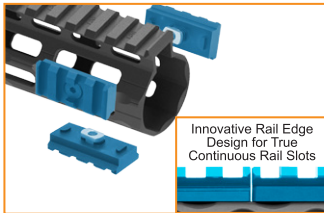
PRODUCT FEATURES



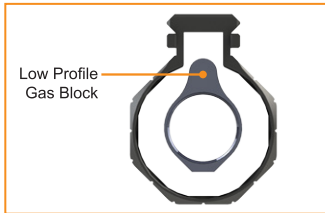
Integral Anti-rotation Tabs for
Rock-solid Locking



Top Rail Perfectly Level
with Flat Top Receiver

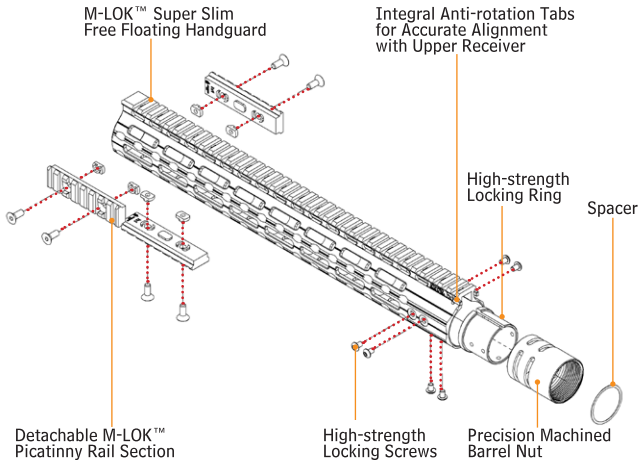


Removable Rails
for Mounting Versatility

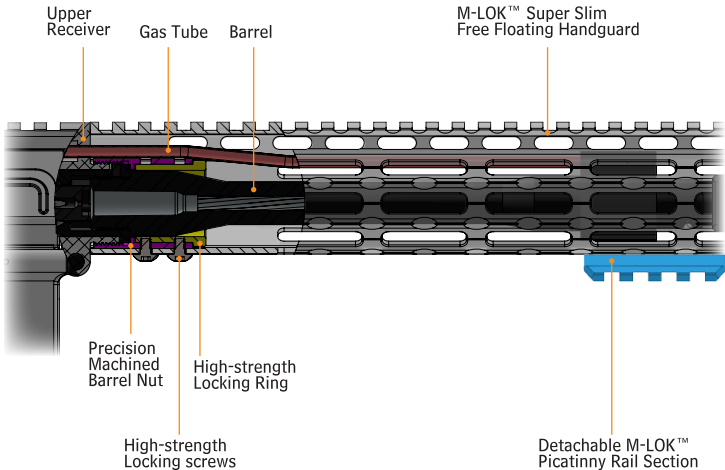


Compatible with Low Profile Gas Block

UTG PRO INNOVATIVE FREE FLOATING DESIGN (US PAT. 8806792)

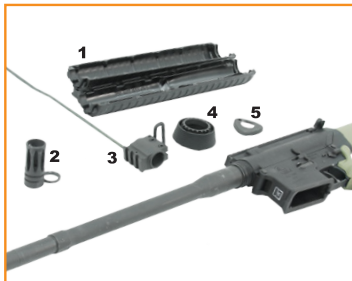


AFTER INSTALLATION





1. M-LOK™ Super Slim Free Float Handguard
2. Barrel Nut
3. Locking Ring
4. Barrel Nut Wrench
5. 3mm Allen Wrench
6. 3/32" Allen Wrench
7. Spacer-4pcs
8. M-LOK™ Sling Swivel Adaptor
9. M-LOK™ 8-Slot Picatinny Rail Section (.37" Saddle Height)
10. Barrel Nut Locking Screw-7pcs



The following parts need to be removed from your firearm before installation of this free float handguard. Refer to your firearm owners manual or contact a certified gunsmith for assistance in disassembly.

1. Original Handguard
2. Muzzle Device/Crush Washer
3. Gas Block/A2 Sight Post
4. Delta Ring Assembly
5. Front Handguard Cap

For proper installation of this product, you also need to prepare the following necessary tools: AR15/AR308 combo wrench, AR15/AR308 handguard removal tool, a hammer, a punch, AR308 upper receiver vise block, and a vise.



After removal of all necessary parts, use the Takedown Pins on the firearm's receiver to separate the Upper and Lower Receiver.

Caution: Failure to use a Vice Block designed for your specific firearm may result in damage to the Upper Receiver. Consult your firearm manufacturer for information regarding the proper sized Vice Blocks.



INCORRECT
(SPACERS REQUIRED)

CORRECT



Fit the free floating Barrel Nut on the Upper Receiver and hand tighten. To test alignment, fit the handguard over the barrel and place over the Barrel Nut. Ensure the screw holes on the handguard align with the slots on the Barrel Nut. If the alignment is correct then move to step 4, if not, proceed to step 3.



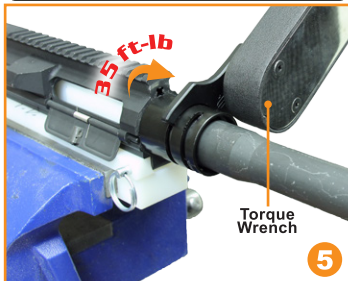
THIS STEP IS RARELY NEEDED.

If you cannot achieve the proper alignment, use the included Spacer(s) to achieve proper alignment of the threaded holes on the handguard with the slots on the Barrel Nut.



Carefully read the yellow warning sticker on the Barrel Nut regarding which correct slot to use for installation before removing the sticker. Place the Barrel Nut Wrench in the 2nd Slot on the Barrel Nut (Closest to the Receiver) making sure the teeth of the Barrel Nut Wrench are fully seated into the 2nd Slot on the Barrel Nut.

Note: Max. torque value for installing barrel nut should not exceed 50 ft-lb.



Use the Barrel Nut Wrench to securely tighten the Barrel Nut with enough tension (35 ft-lb). (We recommend using a torque wrench to achieve proper tension).



Slide the Locking Ring into the Barrel Nut, making sure the alignment slot on the Locking Ring is vertical and facing upward.



INCORRECT

CORRECT



Make sure none of the 6 threaded screw holes on the Locking Ring are blocked by the Barrel Nut.

If necessary, refer to step 3 to install a Spacer or tighten the Barrel Nut a little further to allow access to the 6 screw holes. **MAKE SURE NOT TO EXCEED 50 ft-lb OF TORQUE.**

Caution: Installation of a low profile gas block must occur before locking the Handguard to the barrel nut if used.



Carefully slide the handguard over the Barrel Nut/ Locking Ring assembly. Make sure there is a positive connection between the top rail of the handguard and the top rail of the receiver (There should be little to no gap here if no spacer was used). If you lose the alignment of the Locking Ring, use your Allen wrench to realign the threaded holes.

Note: If desired, apply a small amount of locking compound to the screws prior to tightening.



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Once you achieve the proper alignment of the threaded holes on the Locking Ring to those on the handguard rail, use 6 of the Locking Screws to securely lock the handguard to the Barrel Nut/ Locking Ring assembly.

- Apply **25 in-lb** of torque to secure screws
- 6 Screws: 2-left, 2-right, 2-bottom

Note: Reinstall Front Handguard Cap, Gas Block and Muzzle Device, if applicable, to complete the Installation.

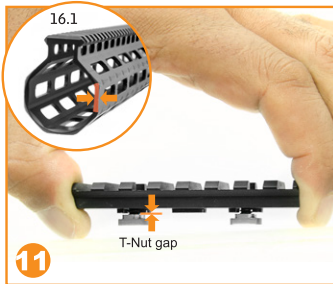


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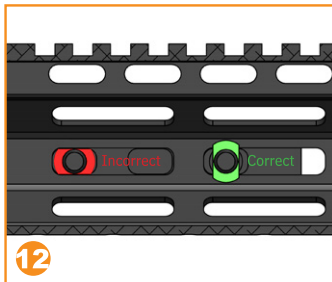
The installation is now complete

ATTACHING M-LOK™ PICATINNY RAIL SECTION

To install your detachable M-LOK™ Picatinny Rail Section or other M-LOK™ accessories, please refer to the following steps.

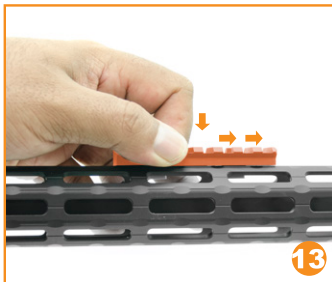


In order to properly secure a rail section or other M-LOK™ accessory on your rail system, the T-Nut gap (16) must be slightly larger than the rail thickness (16.1). Either measure the rail thickness or use the edge of the rail as a gauge.



If the T-Nuts are spaced with too much gap they will rotate freely when trying to tighten. Alternately, if the T-Nuts are not spaced with enough gap they will not rotate at all. Observe the T-Nut during the installation process to be certain that they have rotated to their correct position as shown.

Caution: Other accessories (e.g. polymer product) may require different torque values for installation. Refer to manufacturer's operator manual for correct specification.



Make sure the rail section/accessory is fully seated and flush on the rail system. "Bias" the rail section by applying pressure downward and towards the muzzle.



Insert the supplied Allen Wrench into the rail section screws and rotate them clockwise. Apply a maximum of 30 in-lb of torque.



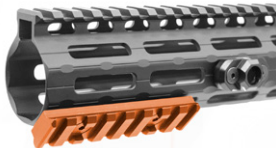
Follow the same instructions in steps 16-19 for installation of the included M-LOK™ Sling Swivel Adaptor.



Reinstall the bolt carrier group and charging handle back into the Upper Receiver. Reassemble the Upper and Lower Receiver and proceed to function check the firearm.

Using all appropriate safety procedures and after you perform a function test, your rifle is now ready for test firing.

OPTIONAL



Users may purchase additional UTG PRO detachable M-LOK™ Picatinny Rail Sections for customized accessory attachment.

Attach high quality UTG accessories, such as: foregrips, bipods, flashlights, lasers, etc.

M-LOK™ PICATINNY RAIL SECTIONS SOLD SEPARATELY

0.37" Saddle Height M-LOK™ Picatinny Rail Sections and Sling Swivel Adaptor

4-Slot MTURS09S



8-Slot MTURS09M



TLUSW001

