



AR MODEL 308
SUPERSLIM FREE FLOAT
KEYMOD COMPATIBLE RAIL SYSTEM

Item No.:

MTU020SSKA / MTU020SSKB / MTU020SSKC /
MTU026SSKA / MTU026SSKB / MTU026SSKC & All Color Versions

- Proudly Designed and Manufactured in the USA
- Super Slim Free Floating Keymod Compatible Handguard with Proprietary Attachment Design
- 7 Keymod Compatible Slot Tracks
- Super Lightweight with Top Rail in Perfect Alignment with Flat Top Receiver to Form a Continuous Picatinny Mounting Platform
- Includes 2 Keymod Compatible Picatinny Rail Sections, 4 Slot and 8 Slot, for Limitless Accessory Customization Options
- Integral Anti-rotation Tabs for Rock-solid Locking
- Ergonomic Octagonal Profile with Well Placed Grooves on Rail Surface for Solid Grip and Superior Handling Comfort
- Scalloped Top Picatinny Rail Edges for No-Snag Easy Accessory Mounting
- Precision Machined from 6061-T6 Aircraft Grade Aluminum with Hard Black Anodizing
- Accommodates Low Profile Gas Block
- Simple and User Friendly Installation



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Made in USA

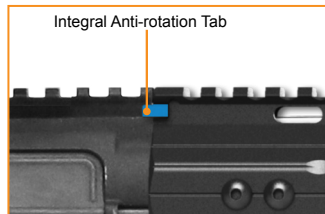
MODEL 308 SUPER SLIM KEYMOD COMPATIBLE FREE FLOAT RAIL SYSTEM INSTALLATION GUIDE



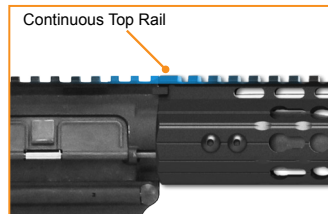
COMPATIBLE FIREARMS

Product	Compatible Firearms
MTU020SSKA, MTU026SSKA, and All Color Versions	ArmaLite AR10 & Variants
MTU020SSKB, MTU026SSKB, and All Color Versions	DPMS LR-308 High Profile & Variants
MTU020SSKC, MTU026SSKC, and All Color Versions	DPMS LR-308 Low Profile and S&W M&P 10 & Variants

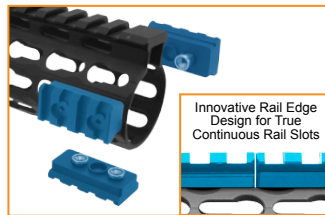
PRODUCT FEATURES



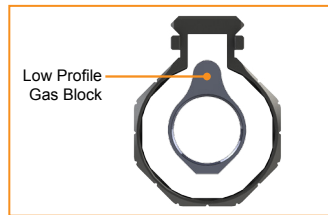
Integral Anti-rotation Tabs for
Rock-solid Locking



Top Rail Perfectly Level
with Flat Top Receiver



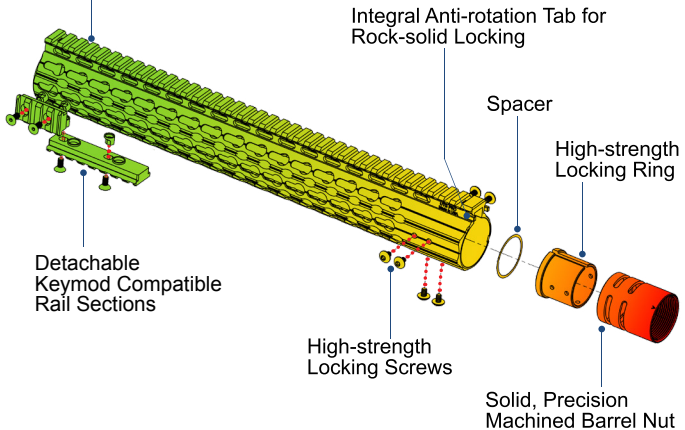
Removable Rails
for Mounting Versatility



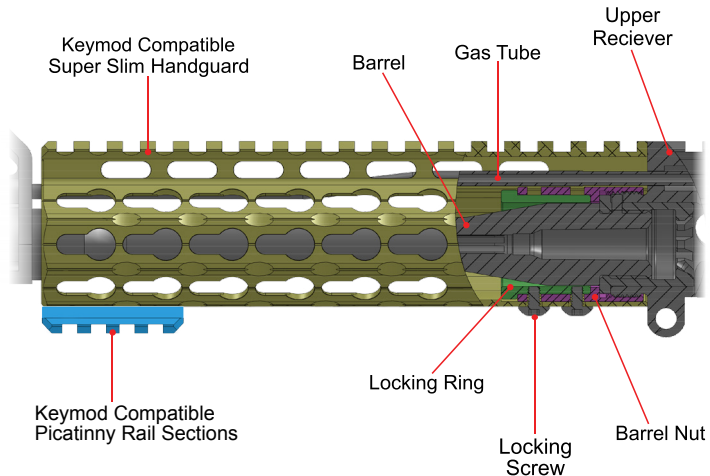
Compatible with Low Profile Gas Block

UTG INNOVATIVE FREE FLOATING DESIGN (U.S. PAT. 8806792)

Robust Integral, Lightweight
Super Slim One-piece Handguard



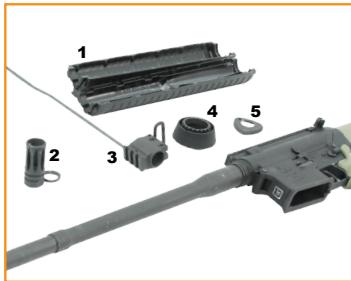
AFTER INSTALLATION



Caution: Make sure firearm is not loaded. Remove magazine and examine chamber. Use safe handling procedures at all times.



1. 308 Super Slim Keymod Compatible Rail
2. Barrel Nut
3. Locking Ring
4. Barrel Nut Wrench
5. 3mm Allen Wrench
6. 3/32" Allen Wrench
7. Spacer - 4Pcs
8. 4-Slot Picatinny Rail Section (.38" Saddle Height)
9. 8-Slot Picatinny Rail Section (.38" Saddle Height)
10. Barrel Nut Locking Screw - 7Pcs



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

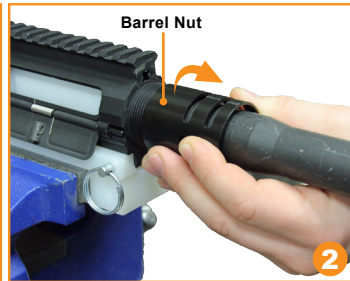
1. Original Handguard
2. Muzzle Device/Crush Washer
3. Gas Block/A2 Sight Post
4. Delta Ring Assembly
5. Front Hanguard Cap

For proper installation of this product, you also need to prepare the following **necessary tools**: AR-15 combo wrench, AR-15 handguard removal tool, a hammer, a punch, AR-10 upper receiver vise block, and a vise.



After removal of all necessary parts, use the Take-down Pins on the firearms 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

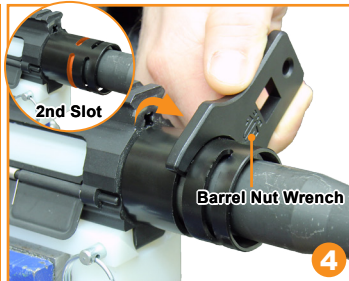


Fit the free floating Barrel Nut on the Upper Receiver and hand tighten. To test alignment, fit the handguard over the barrel and place over the Barrel Nut. Ensure the screw holes on the handguard align with the slots on the Barrel Nut. If the alignment is correct then move to step 4, if not, proceed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



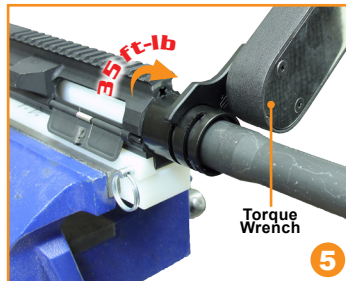
THIS STEP IS RARELY NEEDED.

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

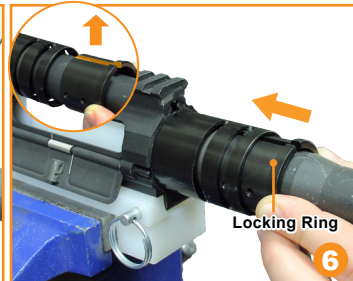


Carefully read the yellow warning sticker on the Barrel Nut regarding which correct slot to use for installation before removing the sticker. Place the Barrel Nut Wrench in the 2nd Slot on the Barrel Nut (closer to the receiver) making sure the teeth of the Barrel Nut Wrench are fully seated into the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



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 NO gap here, unless one or more spacer are used). If you lose the alignment of the Locking Ring, use your Allen wrench to re-align the threaded holes.

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.

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



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

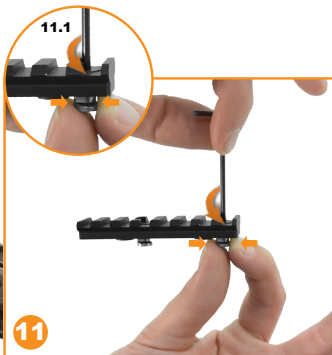
Note: Re-install Front Handguard Cap, Gas Block and Muzzle Device, if desired, to complete the installation.



The installation is now complete

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

Attaching **KEYMOD** *COMPATIBLE* Picatinny Rail Sections

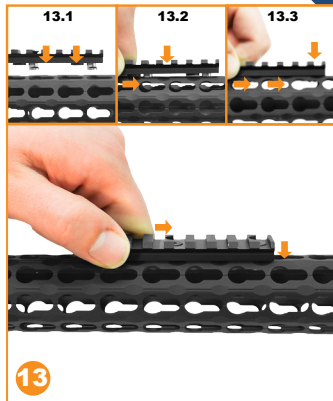


11 Hold the Keymod Nut in place (11.1) and loosen the screw by turning it counter-clockwise with the included 3/32" Allen Wrench. Do not fully detach the Keymod Screw from the Keymod Nut.

NOTE: The Keymod Nut and Screw can be fully disassembled if needed.



12 Place the rail with the Keymod Nuts onto the desired slots of the handguard rail, inserting the nuts through the larger opening of the Keymod Slots with the protruding feet of the nuts pointing toward the muzzle of the firearm (12.1).



13 Once the Keymod Nuts are in the slots, carefully slide the Rail Section forward until it fully seats into and engages the handguard, with little to no gap between the Rail Section and the handguard. (13.1, 13.2, 13.3)

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



14

Once the Rail Section is seated properly, use the included 3/32" Allen Wrench to hand-tighten the screws on top of the Picatinny Rail Section to lock it securely to the Keymod Compatible Handguard. **Do not** over-torque.



15

The installation is now complete

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



Optional Step - Users may purchase additional Picatinny/Keymod rail sections for customized accessory attachment.



Optional Step - Install high quality UTG accessories on the free floating slim rails, such as foregrips, bipods, flashlights, lasers, dot sight, etc.

DETACHABLE RAILS FOR SEPARATE SALE

0.38" Saddle Height Keymod Compatible Picatinny Rail Sections

4-Slot
MTURS04S



8-Slot
MTURS04M

