MODEL 4/15

SUPER SLIM FREE FLOAT RAIL SYSTEM

Item No.:

Black: MTU004SS/MTU005SS/MTU006SS/MTU019SS

Flat Dark Earth: MTU004SSD/MTU005SSD/MTU006SSD/MTU019SSD

- Proudly Designed and Manufactured in USA
- Single Rail, Super Slim, Free-floating Handguard with Proprietary Attachment Design and Extremely Compact Profile
- Super Lightweight with Extended Top Rail to Form a Continuous Mounting Platform with the Receiver
- Includes 3 User Configurable 2-slot Rail Sections for 3, 6, and 9 O'clock Positions
- Integral Anti-rotation Tabs for Rock-solid Locking
- Ergonomic Slim Tubular Profile for Most Positive Handling
- Precision Machined from Aircraft Grade Aluminum with Black Anodizing
- Simple and User Friendly Installation, No Gunsmithing Required

MUM043011403

MODEL 4/15

SUPER SLIM FREE FLOAT RAIL SYSTEM

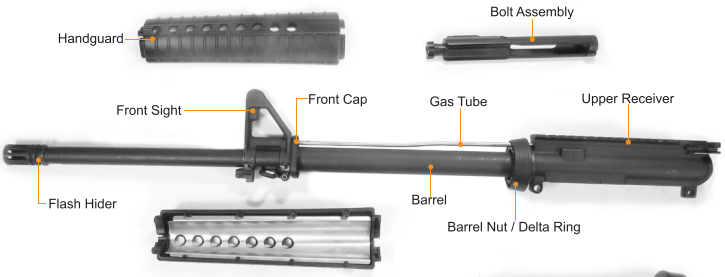
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Made in USA

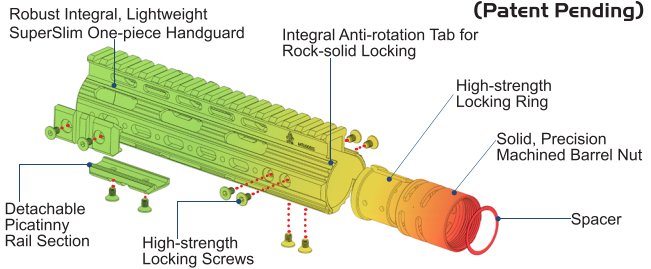
MODEL 4/15 RIFLE COMPONENT REFERENCE



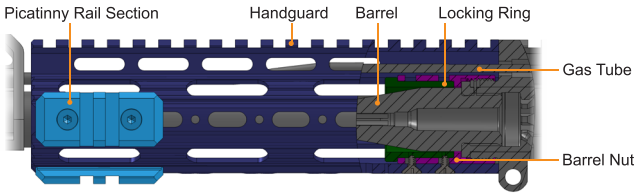


UTG INNOVATIVE FREE FLOATING DESIGN

(Patent Pending)

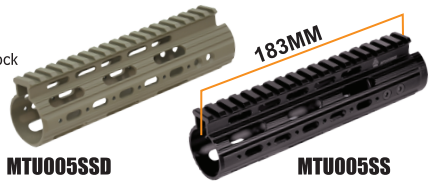


AFTER INSTALLATION



MODEL 4/15 CARBINE-LENGTH APPLICATION

- 18 Slots on Top Rail & Detachable 2-Slot Rail Sections
- Fits Carbine-length AR-15
- For Use with Gas Tube AR's
- Accommodates Low Profile Gas Block



MTU005SSD MTU005SS

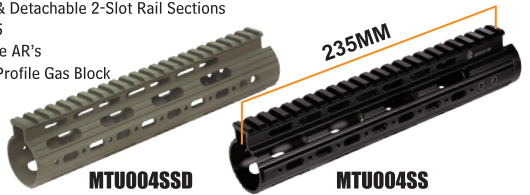
7" FREE FLOAT SUPER SLIM RAIL

PATENT PENDING



MODEL 4/15 MID-LENGTH APPLICATION

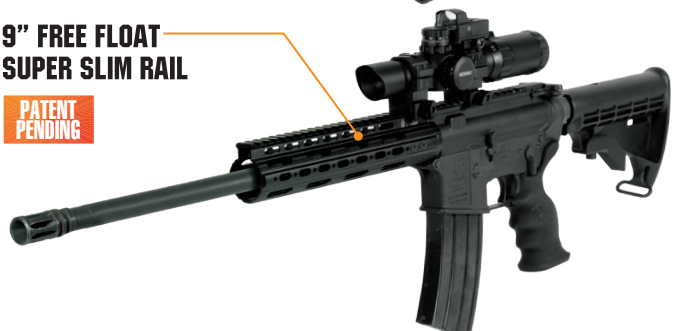
- 23 Slots on Top Rail & Detachable 2-Slot Rail Sections
- Fits Mid-length AR-15
- For Use with Gas Tube AR's
- Accommodates Low Profile Gas Block



MTU004SSD MTU004SS

9" FREE FLOAT SUPER SLIM RAIL

PATENT PENDING



MODEL 4/15 RIFLE-LENGTH APPLICATION

- 31 Slots on Top Rail & Detachable 2-Slot Rail Sections
- Fits Rifle-length AR-15
- For Use with Gas Tube AR's
- Accommodates Low Profile Gas Block



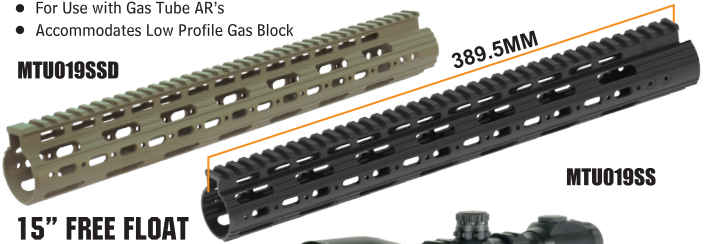
13" FREE FLOAT SUPER SLIM RAIL

PATENT PENDING



MODEL 4/15 RIFLE-LENGTH APPLICATION

- 38 Slots on Top Rail & Detachable 2-Slot Rail Sections
- Fits Rifle-length AR-15
- For Use with Gas Tube AR's
- Accommodates Low Profile Gas Block

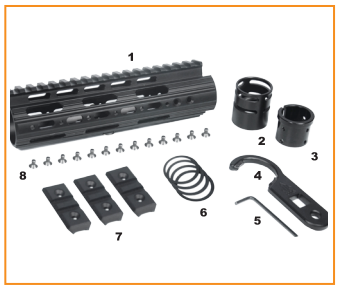


15" FREE FLOAT SUPER SLIM RAIL

PATENT PENDING



MODEL 4/15 SUPER SLIM FREE FLOAT RAIL SYSTEM INSTALLATION GUIDE



1. Super Slim Handguard Rail
2. Barrel Nut
3. Locking Ring
4. Barrel Nut Wrench
5. 3mm Allen Wrench
6. Spacer - 4Pcs
7. 2-Slot Rail Section - 3Pcs
8. Locking Screw - 12Pcs



Prepare the rifle, the mount and necessary tools (an AR-15 combo wrench, 3mm Allen wrench, an AR-15 handguard removal tool, a hammer, a punch, an AR-15 upper receiver vise block, and a vise). Set up a comfortable working environment.

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



Remove the original plastic handguard with a handguard removal tool.



Remove the lower receiver with stock assembly. Take out the bolt assembly (3.1).

Note: Barrel Direction: ← Barrel (Pointing Left) or Barrel → (Pointing Right)



Remove the flash hider by turning it counterclockwise with an AR-15 combo wrench.



Securely place the barrel on a well padded flat surface. Punch the two pins at the bottom of the front sight out with a hammer and a punch. Remove the front sight with the gas tube, and take out the front cap (5.1)



Clamp the upper receiver on a vise with an AR-15 upper receiver vise block. Loosen the barrel nut by turning it counterclockwise with an AR-15 barrel nut wrench. Take out the original barrel nut with the delta ring assembly.



Remove all parts from the package
See Page 7 for Part Descriptions.



Remove the yellow warning sticker from the barrel nut. Fit the free floating Barrel Nut on the upper receiver and hand tighten. Test Alignment: Fit the handguard over the barrel and place over the Barrel Nut. Make sure the threaded holes on the hanguard align with the slots on the Barrel Nut (9.1-2). If the alignment is correct then move to step 10.



THIS STEP IS VERY RARELY NEEDED
If you cannot achieve the proper aligment (9.1-1), use included Spacer(s) to achieve proper alignment of the threaded holes on the handguard with the slots on the Barrel Nut (9.1-2).



Place the Barrel Nut Wrench in the second slot (10.1) 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.

Warning: This step needs to be done gently. DO NOT tighten aggressively. Apply a smooth, steady pressure to fully secure the Barrel Nut.

Warning: Max. torque value for installing barrel nut should not exceed 60 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 (12.1) is vertical and facing upward.



Make sure none of the 6 threaded screw holes on the Locking Ring are blocked by the Barrel Nut. If necessary, refer to step 9 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 60 ft-lb OF TORQUE.**

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



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). If you lose the alignment of the Locking Ring, use your Allen wrench to re-align the threaded holes (14.1).

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**) torque to secure screws
6 Screws: 2-left, 2-right, 2-bottom

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



If you wish to add your 2-slot detachable Picatinny rail sections, just fasten them to any of the available areas based on your personal preference. Use 2 locking screws and the included Allen wrench to fully secure the rail section to the handguard.

Apply (**25 in-lb**) torque to secure screws



Reinstall the front sight to the gas tube. Reinstall the two pins to lock the front sight to the barrel (17.1).



Install the flash hider on the Barrel.



Put back the bolt assembly, the lower receiver and the stock assembly.



Optional Step - Users may purchase additional Picatinny rail sections for customized accessory attachment. In addition, our Angle Mounts will allow users to mount accessories in an otherwise inaccessible spot on their handguards.



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

Using all appropriate safety procedures, your rifle is now ready for test firing.

DETACHABLE RAILS FOR SEPARATE SALE

0.26" Low Profile Picatinny Rail Section

MTURS01S
MTURS01M
MTURS01L



0.38" Picatinny Rail Section

MTURS02S
MTURS02M
MTURS02L



PRODUCT FEATURES



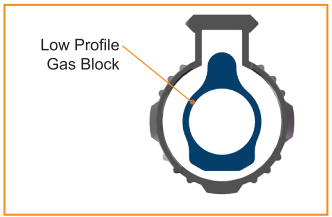
Integral Anti-rotation Tab for Rock-solid Locking



Top Rail Perfectly Level with Flat Top Receiver



Ultra Slim-line Design for Comfort and Weight Reduction



Compatible with Low Profile Gas Block