



MODEL 47

SUPER SLIM **KEYMOD** *COMPATIBLE* RAIL SYSTEM

Item No.: MTU027SSKA / MTU027SSKC & Additional Length and Color Versions

- Proudly Designed and Manufactured in USA
- 13" Extended Super Slim Handguard System Provides Additional Rail Space for Accessories and Improved Weapon Handling
- 123 Keymod Compatible Slots on 9 Keymod Tracks for Limitless Accessory Customization Options
- Super Lightweight with 28 Slot Extended & Scalloped Top Picatinny Rail with See-thru Cut to Access Iron Sights for Optics Versatility
- Includes 2 Keymod Compatible Accessories, 4 Slot Picatinny Rail Sections and Receiver Bridge Mount for Smooth Transition from Handguard to Receiver
- Top and Bottom 2-piece Locking Design With Unobtrusive Internal Locking Screw Placement
- Ergonomic Octagonal Profile with Well Placed Grooves on Rail Surface for Solid Grip and Superior Handling Comfort
- Precision Machined from 6061-T6 Aircraft Grade Aluminum with Hard Coat Finish
- Simple and User Friendly Installation with Easy to Follow Instructions Included
- Made for Civilian Outdoor Sporting Applications



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SUPER SLIM **KEYMOD** *COMPATIBLE* RAIL SYSTEM

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SUPER SLIM KEYMOD COMPATIBLE AK RAIL SYSTEM INSTALLATION GUIDE

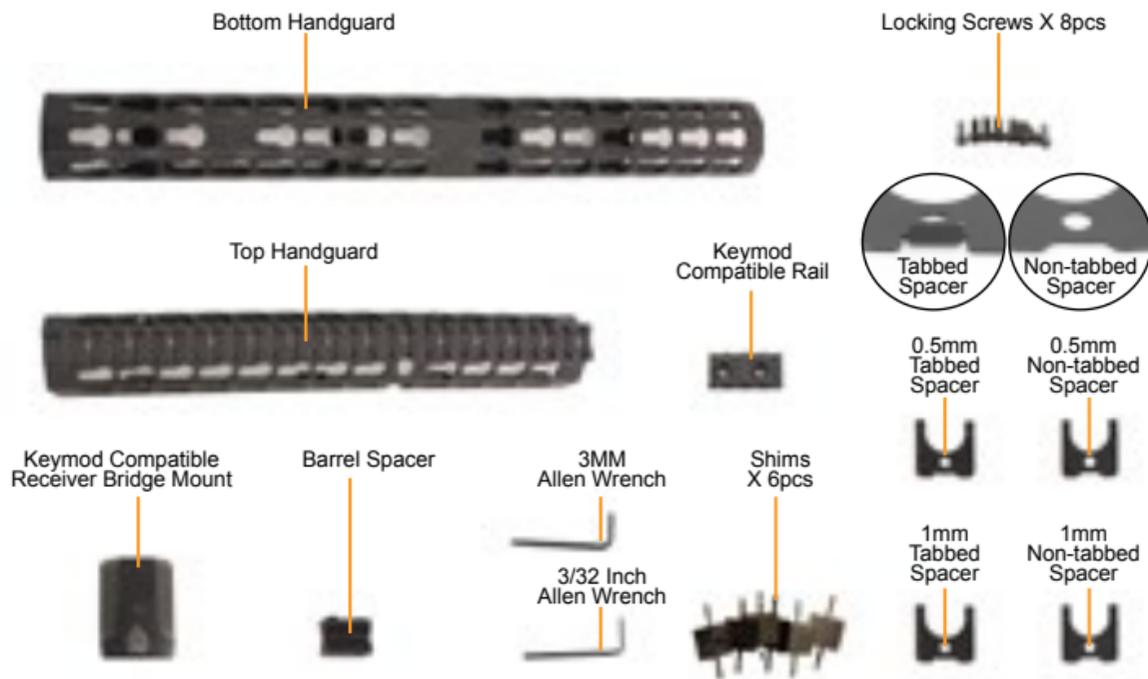


Product	Compatible Firearms
MTU027SSKA	Romanian, Bulgarian AKs & Variants
MTU027SSKC	Chinese AKs & Variants

Caution: Make sure firearm is unloaded. Remove magazine and examine chamber. Use safe handling procedures at all times.

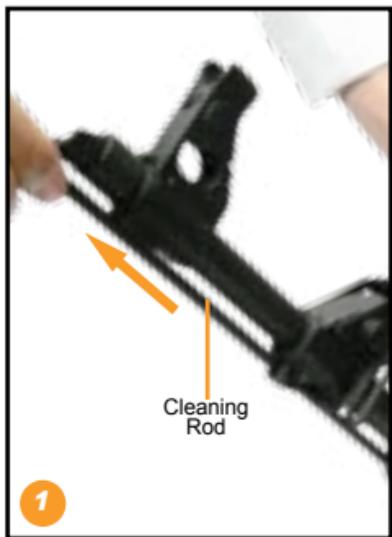
1

Separate the pre-assembled handguard and arrange all parts on a flat surface.



Note: Please read this manual thoroughly before installation. If you do not understand or are unsure of any information contained in this manual, please contact Leapers, Inc. for clarification.

2



1. Remove the Cleaning Rod from the rifle.



2. Press the Release Button to lift and remove the receiver cover.



3. Push the Release Button again to lift and remove the action spring and retaining rod.



4. Remove the bolt and bolt carrier, including the gas piston attached to the bolt carrier.



5. Lift and push forward the Gas Tube Lever next to the Rear Sight Block and take out the Gas Tube/Upper Handguard Assembly.



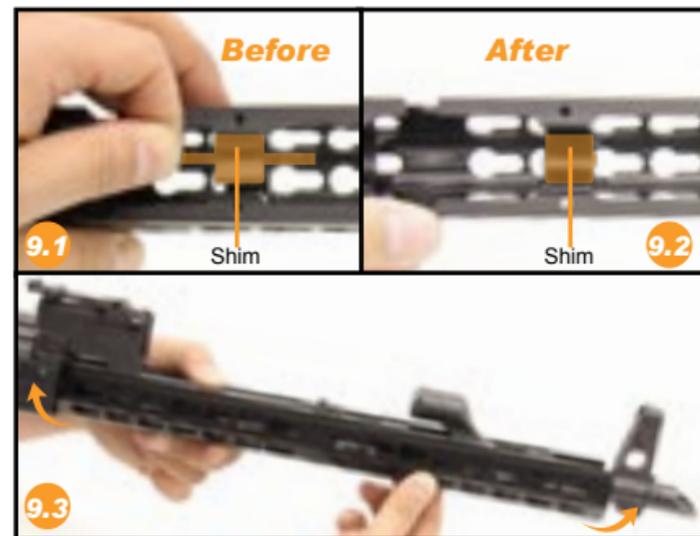
6. Unlock the Lower Handguard Retainer Cap by folding the Lever forward. Remove the Lower Handguard and leave the Handguard Retainer Cap unlocked for later assembly.



7. Twist the Upper Handguard to separate it from the gas tube. The gas tube will be reinstalled at a later time.



8. Perform a pre-installation check. Fit the lower handguard onto the barrel and check for vertical tilting, and forward and backward movement.
- 8.A. The Shim will prevent vertical tilting, see Step 9 for illustration.
 - 8.B. The Tabbed Spacer will prevent forward and backward movement of the rail, see Step 10 for illustration.



9. If vertical tilting is detected, place a Shim in the lower handguard U-shaped channel in front of the retainer cap. Only install the Shim(s) at this location.
- Place the Shim in the channel, with the two tabs pointing forward and backward, press down to match the Shim to the contour of the channel. Fold the tabs underneath the U-shaped channel to secure the Shim in place.
 - Install the lower handguard to check if vertical tilting has been removed. If tilting persists, stack on additional Shim(s) as needed.



10. If forward and backward movement is detected, install the included Spacer(s) in the gap between the lower handguard and receiver.

- Begin by inserting the Tabbed Spacer into the lower receiver inlet. Ensure that the Spacer is seated flush against both the receiver and barrel.
- Install the lower handguard to verify if forward and backward movement has been removed. Should movement persist, remove the Tabbed Spacer and install additional Non-tabbed Spacer(s) before reinstalling the Tabbed Spacer. (One 0.5mm and one 1mm spacers for each type are included in the

NOTE: Do not use more than one Tabbed Spacer during installation. **7**



11. On the Keymod Compatible Receiver Bridge Mount, hold the Keymod Nut in place 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.



12. Place the Keymod Compatible Receiver Bridge Mount onto the last Keymod Slot of the lower handguard rail. Insert the nut through the larger portion of the Keymod slot. Ensure the protruding foot of the nut is pointing toward the muzzle of the firearm. Slide the Keymod Compatible Receiver Bridge Mount toward the muzzle until the mount fully drops into the handguard.



13. Once the Keymod Compatible Receiver Bridge Mount fully seats into and engages the handguard. Tighten the screws on top of the bridge mount to lock it securely on the handguard.

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



14. When the necessary Spacer(s) and Shim(s) have been installed, place the bottom Handguard onto the barrel and lock down the Lower Handguard Retainer Cap by folding the Lever backward.



15. Loosen the Barrel Spacer screws. Place the Barrel Spacer onto the barrel at the position (A). Install the gas tube over the Barrel Spacer. Lock the gas tube down by pushing the gas tube lever downward. Tighten the 2 screws to lock the spacer firmly. The Barrel Spacer will prevent over tightening of the top/bottom covers and allow for normal operation of the piston.

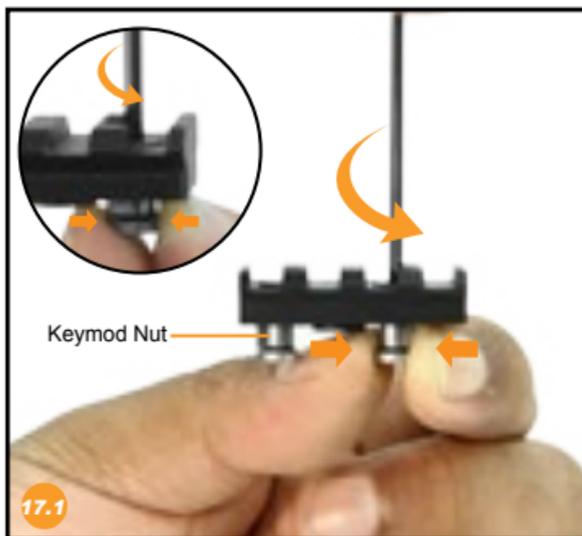


16. Install the upper handguard and tighten screws #1 to #6 evenly using a cross-torque pattern as depicted in Figure 16.2. Tightening of the screws should be done by hand with the included Allen wrench. Do not exceed the max torque value of **20 in-lb**. It is recommended to grasp the Allen wrench by its short end to perform tightening. To prevent over-tightening and/or stripping of the rail or screws, do not use the long end of the Allen wrench or any power tool. If desired, apply a small amount of locking compound to the screws prior to tightening.

NOTE: Screw #7 and #8 are for final alignment purposes, and will not thread into the lower handguard. Tighten screw #7 and #8 until snug within the upper handguard for proper alignment of the upper and lower handguards.

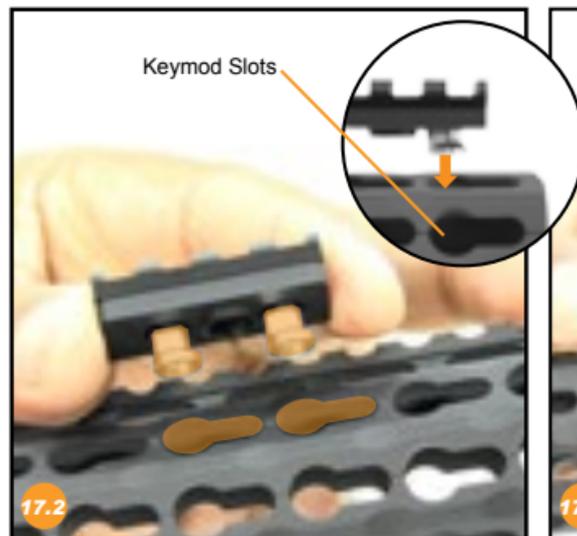
Attaching **KEYMOD** COMPATIBLE Picatinny Rail Sections

To install your detachable Keymod Compatible Picatinny Rail Sections or other Keymod compatible accessories, please refer to the following steps.

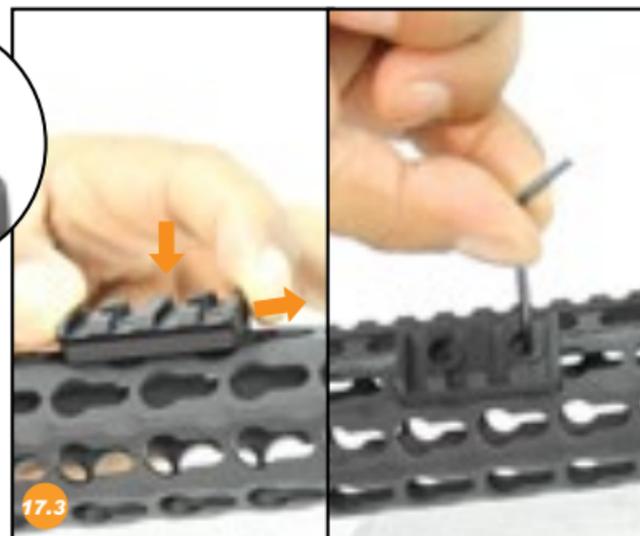


17.1. Hold the Keymod Nut in place and loosen the screw by turning it counter-clockwise with the included 3/32" Allen Wrench. Do not fully detach the Keymod Screw from the Keymod Nut.

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



17.2. 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.



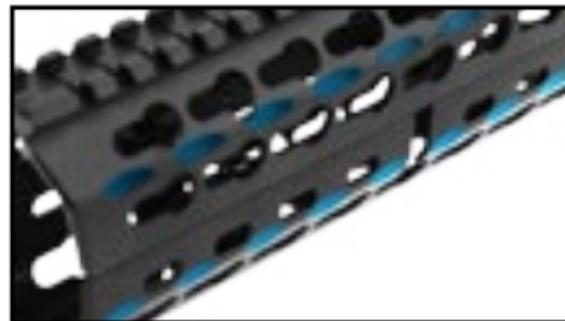
17.3. Once the Keymod Nuts are in the slots, carefully slide the rail section forward until it fully seats into and engages the handguard, with little to no gap between the rail section and the handguard. Tighten the screws on top of the rail to lock it securely to the handguard.



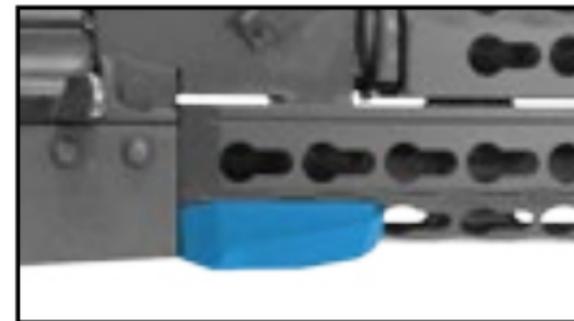
18. Replace the bolt, bolt carrier, action spring, retaining rod and the receiver cover according to your firearm owner's manual.

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

PRODUCT FEATURES



Ergonomic Finger Grooves
on Rail Surface for Solid Grip
and Comfort



Keymod Compatible
Receiver Bridge Mount
for Seamless Connection to Receiver



Removable Rails for Mounting Versatility



Scalloped Top Picatinny Rail Edges
for No-Snag Accessory Mounting