



Thank you for purchasing the newest version of the Centurion CMR Rail for the 5.56 AR PLATFORM weapon systems. Provided are the CMR Rail, Centurion Arms Barrel Nut and wrench, two locking screws and mounting insert. Follow the instructions for proper installation. The barrel nut must be in position prior to the attachment of the gas block. If you have any questions, contact Centurion Arms at [sales@centurionarms.net](mailto:sales@centurionarms.net)



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



Step 8



Step 9



Step 10



Step 12

- Step 1 Apply molybdenum disulfide grease or Molykote G-n assembly paste to the threads of the upper receiver.
- Step 2 Spread the molybdenum disulfide grease or Molykote G-n assembly paste all over the threads.
- Step 3 Hand tighten the barrel nut onto the receiver.
- Step 4 Secure the upper receiver. Torque the barrel nut to 30 ft/lbs. Back the barrel nut off, re-torque to 45 ft/lbs. Back off barrel nut and then re-torque to a final 60 ft/lbs
- Step 5 Insert rear of gas tube into the upper receiver.
- Step 6 Insert the front of the gas tube into the gas block. Be sure the gas port is faced down into the gas block.
- Step 7 Insert the Gas Tube Roll Pin to secure the gas tube.
- Step 8 Slide the handguard over the barrel.
- Step 9 Slide the handguard over the barrel nut all the way to the rear.
- Step 10 Align ears on the rail with the receiver and make sure rail is sitting snugly against receiver.
- Step 11 Place steel mounting insert in gap beneath screws (bump-out on insert fits into groove in barrel nut), then insert the two locking screws from the left side.
- Step 12 Torque both locking screws. Start at 40 in/lbs and then tighten in small increments just until steel mounting insert does not move in the gap. **NO Loctite is required! Use of Loctite will void any warranty on our hand guards.**

## ONE YEAR LIMITED WARRANTY

Centurion Arms warrants the initial retail purchaser that all Centurion Products will be free of defects in workmanship and material for a period of one year from the date of purchase. Centurion Arms will replace any part found to be defective. Centurion Arms is not responsible for any damaged products caused by improper installation or improper installation procedures. All Centurion Arms products should be installed by a properly trained gunsmith or armorer. Centurion Arms designs products around US Mil Spec components and there may be some components out there that do not conform. Centurion Arms will not warrant any product that has been altered or modified by the customer in any way. Centurion Arms does not recommend installation of CMR rail on barrels with pinned/welded muzzle devices and does NOT warrant labor with regards to removing pinned and welded muzzle devices. That is to be worked out by the end user and the installer.



[www.centurionarms.com](http://www.centurionarms.com)