FORTIS NIGHT RAIL™ INSTALLATION MANUAL

READ ALL INSTRUCTIONS BEFORE PROCEEDING

It is recommended that this rail system be installed by a competent gunsmith. Always point the weapon in a safe direction, clear the weapon and verify that it is unloaded before proceeding.

Thank you for purchasing the Fortis MFG Night Rail™. We put the same amount of time, dedication and attention to detail that we do with every Fortis product - and it shows.

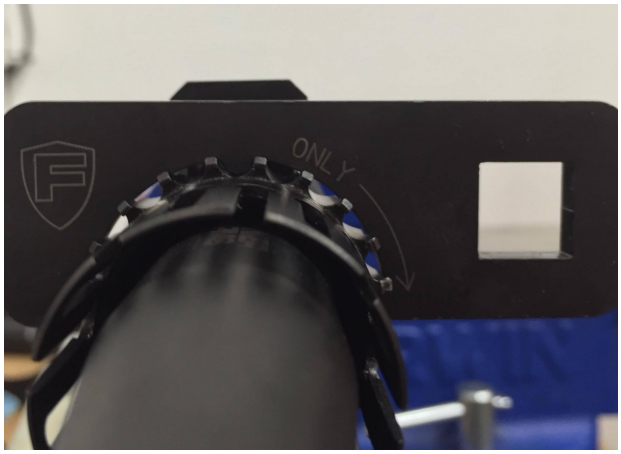
We designed the barrel nut from literally ground up. We wanted to design a proprietary barrel nut that not only functioned great, but could stand up to the harshest of conditions. This patent pending two piece barrel nut was designed so the exterior of the outer barrel nut has a 360 degree contact with the interior of the rail surface. This not only allows the rail to mount to the barrel nut and create a rigid contact point, but also allows true free float capability - holding zero each and every time.

1. The barrel nut comes from the factory already set to default thread - **it's recommended to leave the two piece barrel nut together.** Install the provided barrel nut on your upper receiver in standard fashion using anti-seize and or moly grease with the provided wrench to the torque setting of 40–55 ft./lbs. Time the barrel nut to allow the gas tube to pass through.

IMPORTANT: When placing the wrench over the barrel nut, SLIDE the wrench from the buttstock side of the barrel nut (not the muzzle side) toward the fingers of the barrel nut to begin loosening or tightening. FAILURE TO FOLLOW INSTRUCTIONS CAN DAMAGE TOOL OR BARREL NUT.

Make sure to use the wrench ONLY in the direction indicated on the wrench. Use the arrow's direction on the face of the wrench to either loosen or tighten the barrel nut.

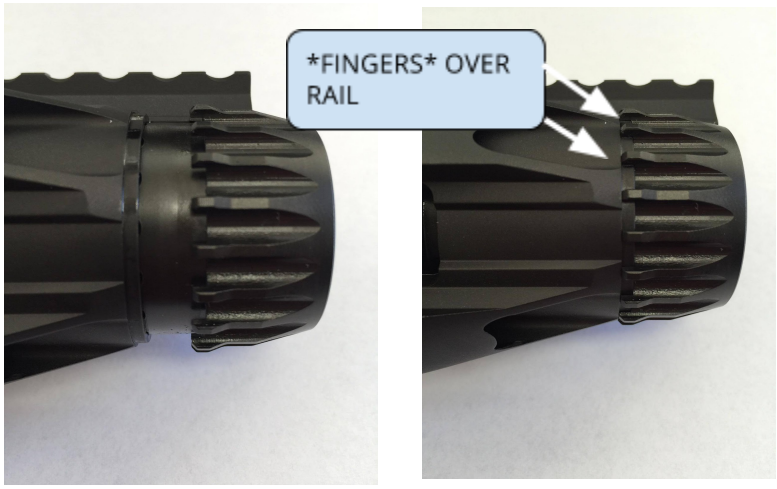
LOOSEN **TIGHTEN**



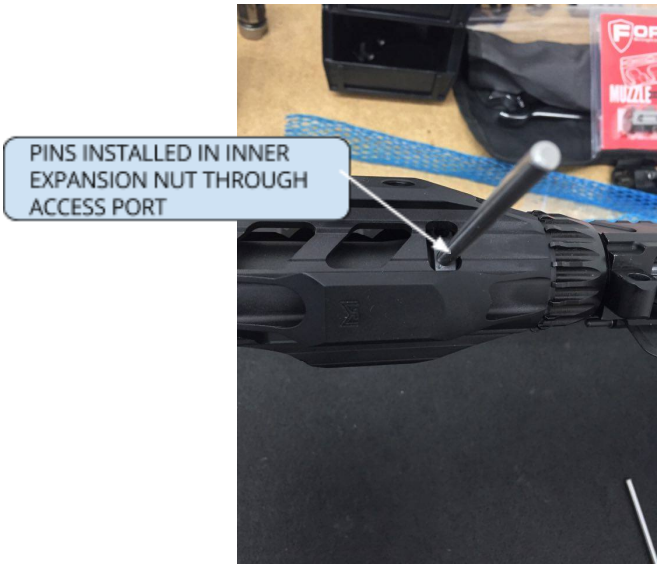
2. Verify and make sure that the barrel nut is properly installed. The barrel should be properly headspaced before proceeding. **Failure to do so can result in serious bodily injury or death.**

3. Install gas tube and low profile gas block in regular fashion (not provided).

4. Slide the rail over barrel/gas block and seat with the “fingers” on the barrel nut extending over the outside lip of the rail.

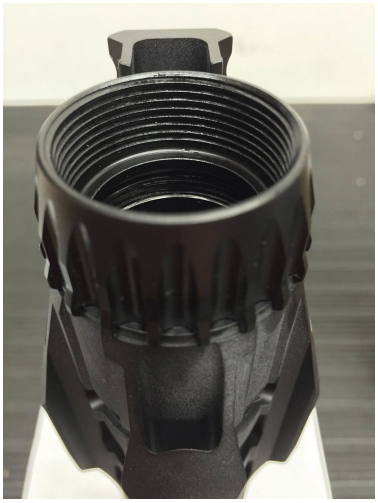


5. Insert the **flat end** of the two 3/16” x 3” pins provided into the holes on the inner expansion nut through the access ports cut in the rail. **See photo below.**



Pro tip: We wrap our pins with painters tape when installing. This helps protect the surface of your rail system the pins come in contact with. When tightening, be sure you’re not continuing to tighten when the rods come in contact with the rail. Also note, that pushing the pins too far down can scratch your barrel surface.

6. Turn inner expansion nut clockwise to expand the outer barrel nut, tightening it on the rail, while using *both pins* and *two hands* to tighten the inner expansion nut as much as possible. (This is typically about one turn if the barrel nut is preset to snuggly slide into the rail.) **Do not use extensions on the pins or they can be damaged.**



Please contact us if you have any questions or concerns regarding this rail system. We appreciate your patronage and thank you for choosing Fortis Manufacturing.

Sincerely,
Fortis MFG

*You can find additional installation information on our YouTube channel at www.YouTube.com/FortisMFGInfo