



**NOVESKE**  
**RIFLEWORKS LLC**

**HANDGUARD INSTALLATION  
INSTRUCTIONS**







**THANK YOU  
FOR YOUR PURCHASE**






## **NOTE:**

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The barrel nut threads are timed 15 degrees from one another so the installer has a total of 24 possible timing positions with the upper receiver. It is best to have a row of handguard mounting screw holes just past the 12 o'clock position when hand tight. If this does not happen on the first attempt, flip the barrel nut over and retry. Use the side that lines up the best.







1. Place the upper receiver in a suitable bench block or other assembly apparatus.

2. Install the barrel in the upper receiver.

**The barrel must have the gas block or front sight post removed.**

3. Apply a small amount of moly grease on the threads of the upper receiver and the front of the barrel extension. We recommend Aeroshell Grease 33MS.

4. Install the barrel nut hand tight.

5. Torque the barrel nut to 40 ft-lbs and then loosen. For 1st and 3rd generation N4 barrel nuts, use a 1 1/16" wrench. For 3rd and 4th generation N6 and 4th generation N4 barrel nuts, a 1 1/4" wrench is required. Repeat two more times, then remove the barrel nut and reapply a small amount of moly grease. Install the barrel nut using the side that lined up optimally with the handguard mounting screw holes.

**Never use the torque wrench to loosen the barrel nut.**





**6.** Torque to 40 ft-lbs. The barrel nut must be aligned with threaded screw holes at 12, 3, 6, and 9 o'clock. Torque to a maximum of 80 ft-lbs to align the next screw hole if needed. If 80 ft-lbs is reached before the alignment is correct, remove the barrel nut, flip over and retry from step 3.

**Never loosen the barrel nut to make an alignment adjustment, completely loosen and then tighten to the correct alignment.**

**7.** If using a low profile gas block, install the gas block and gas tube.

**8.** Slide the handguard over the barrel nut.

**9.** Visually check the alignment of the handguard and upper receiver rails, or use a rail alignment tool. Install the six handguard mounting screws with medium strength thread locker, and torque to 30 in-lbs.

**10.** If using a fixed front sight or a **Switchblock®**, install the front sight with gas tube.







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**Please contact us if you have any questions regarding  
the break-in or cleaning of your new barrel.**

**541-479-6117**

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