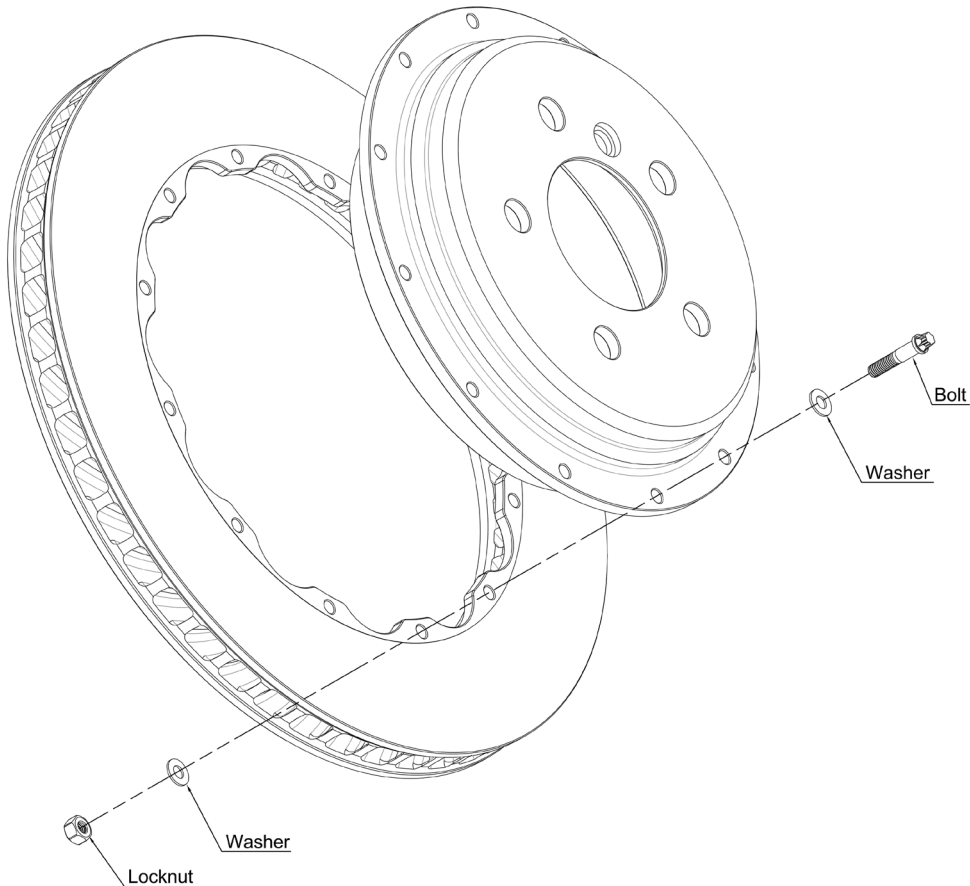


## Rotor Assembly Instructions (Fixed Hat Non-Floating)

### **WARNING:**

Read these instructions completely before assembly. Installation and assembly of any brake component should only be performed by qualified professionals or personnel with experience in the installation and assembly process of automotive components. These components will not function as intended if not installed or assembled properly to the correct specifications. It is the responsibility of the person installing or assembling any brake component to determine the suitability, and safety of the component.



### **Tools Required:**

Torque wrench  
Ratchet

11mm Socket (For 1/4 UNF Hardware)  
E8 Socket (For 1/4 UNF Hardware)

13mm Socket (For M8x1.25 Hardware)  
5mm Hex bit socket (For M8x1.25 Hardware)

### **Assembling / Re-assembling Instructions:**

**Step 1:** Disassemble the used 2-piece rotor. Discard used bolts, locknuts and washers. Use of new hardware is necessary on fixed hat type rotors.

**Step 2:** Inspect used aluminum hat and rotor surface for any damage / wear. Clean aluminum hat and rotor surface to remove any contaminants and ensure the aluminum hat is flush against the rotor.

**Step 3:** Align mounting holes of the hat with mounting holes of the rotor, and locate onto rotor.

**Step 4:** Apply a small amount of high temperature threadlocker to cover 2-4 threads at the end of all bolts (Recommended: Loctite 243 or equivalent).

**Step 5:** Assemble the bolts and washers from the outside of the rotor, through the aluminum hat and rotor.

**Step 6:** Holding the aluminum hat onto the rotor, lift the assembly into vertical position. Locate washers onto the bolts from the inside of the rotor. Loosely assemble the locknuts (hand-tight).

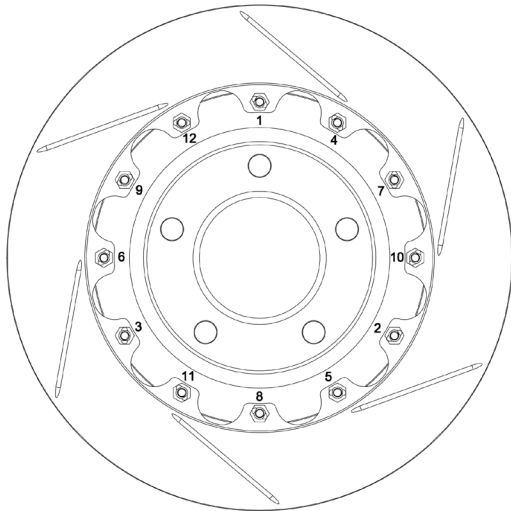
**Step 7:** Inspect prior to tightening to ensure all components are installed properly. Tighten and torque all locknuts in the sequence pattern shown below to **14 Nm / 10.5 lbf-ft** (For both 1/4 UNF and M8x1.25 hardware)

## **DO NOT OVER-TIGHTEN**

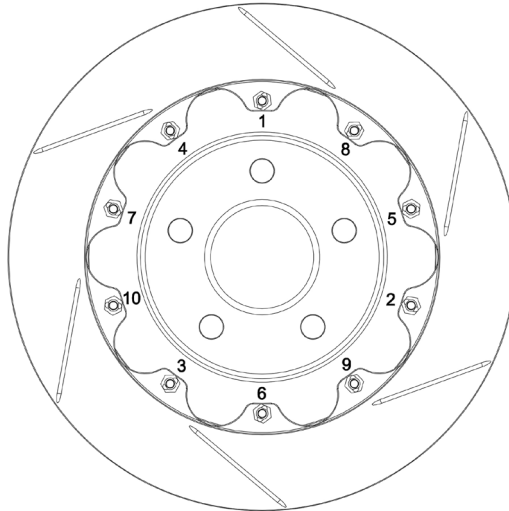
**Step 8:** Inspect and ensure no bolts are missed.

**High performance brake components are consumable products that must be maintained to ensure safe and optimal results. Regular schedule of inspection for fatigue, damage and wear must be employed.**

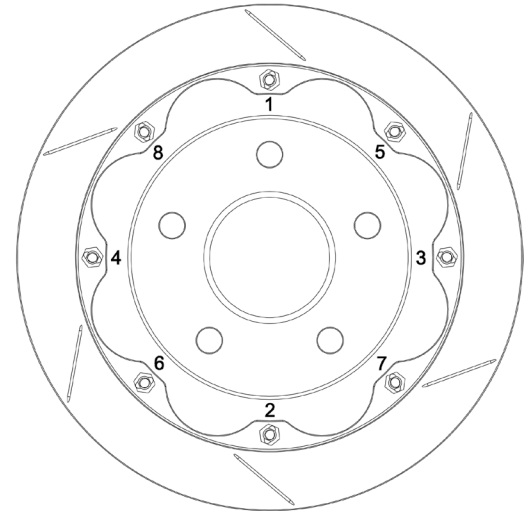
12 Bolt Pattern



10 Bolt Pattern



8 Bolt Pattern



**If you need any assistance, please contact  
technical support at [tech@paragonbrakes.com](mailto:tech@paragonbrakes.com)**

**Paragon Performance Products Inc.**

**<https://www.paragonbrakes.com>**