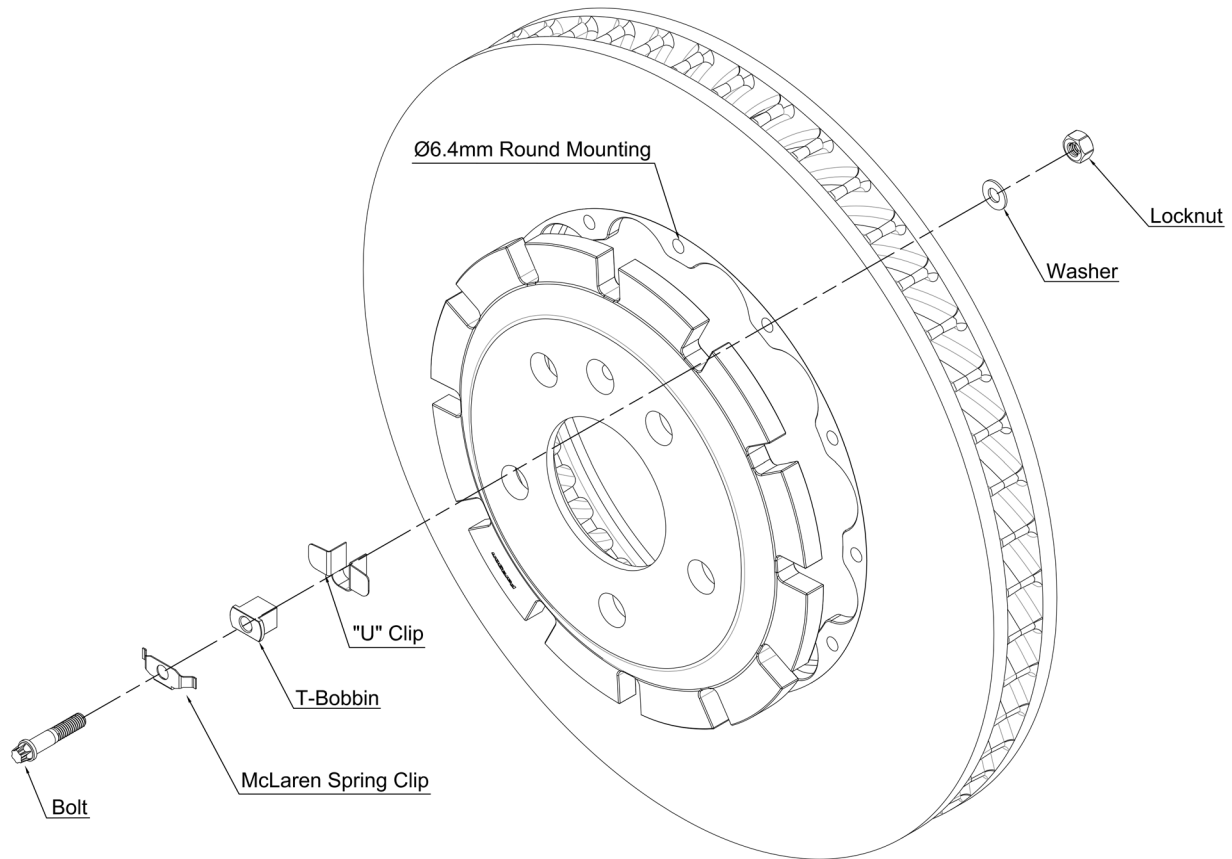


Rotor Assembly Instructions (T-Bobbin)

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
- E8 Socket

Assembling / Re-assembling Instructions:

Step 1: Disassemble the used 2-piece rotor. Discard used bolts, locknuts, and washers. Inspect remaining hardware for wear. Bobbins and McLaren spring clips may generally be re-used more than once if there is no visible wear.

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

Step 3: Locate “U” clips into hat slots. Locate bobbins into hat slots. Align mounting holes of the hat with mounting holes of the rotor, and locate onto rotor. Inspect and ensure all bobbins are located properly in the holes of the 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: Holding the aluminum hat onto the rotor, lift the assembly into vertical position. Locate the McLaren spring clips onto the wheel facing surface of the aluminum hat.

Note: The flanged side of the spring clip should be facing the center of the rotor.

Step 6: Assemble the bolts from the outside of the rotor, through the McLaren spring clips & bobbins. Locate washers onto the bolts from the inside of the rotor. Loosely assemble the locknuts (hand-tight).

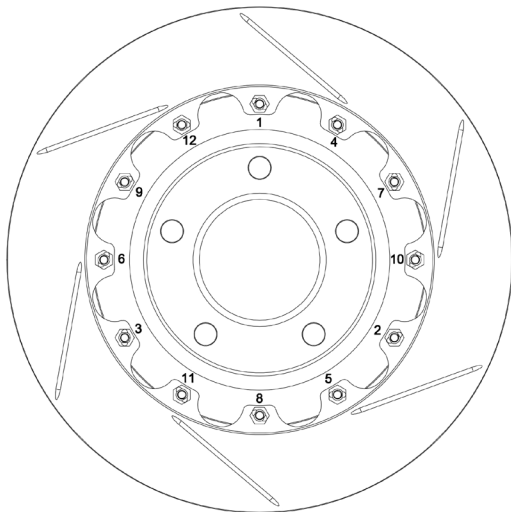
Step 7: Inspect prior to tightening to ensure all components are installed properly. Tighten and torque all lock nuts in the sequence pattern shown below to **14 Nm / 10.5 lbf-ft**

DO NOT OVER-TIGHTEN

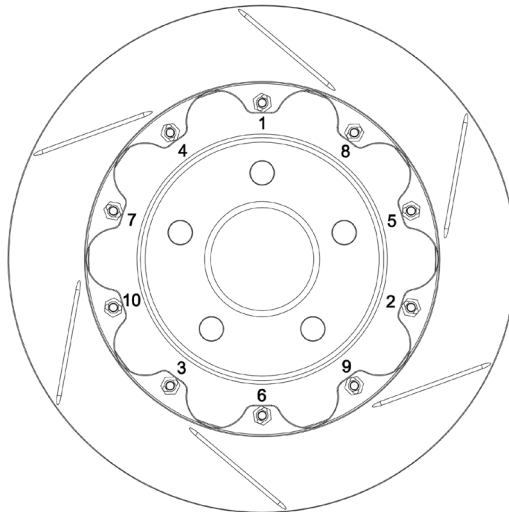
Step 8: Inspect and ensure no bolts are missed.

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.

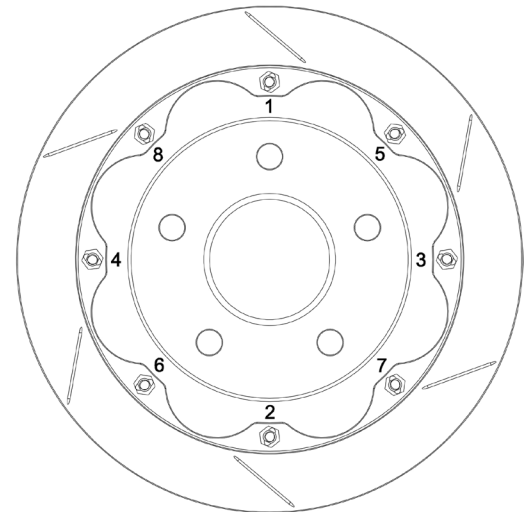
12 Bolt Pattern



10 Bolt Pattern



8 Bolt Pattern



If you need any assistance, please contact technical support at tech@paragonbrakes.com