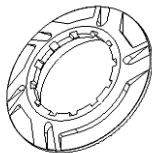


JRC Components Kizuna Internal Lockring

Product Overview:

Our **Kizuna Internal Centrelock Rotor Lockring** is designed to provide a secure and reliable connection between your bike's rotor and hub, ensuring optimal performance. Safety and precision are key in the installation process, and proper torque is crucial to avoid any issues.



Pack Contents:

- 1x CNC Machined 7075-T6 Aluminium Lockring w/ Stainless Steel Shim Washer

Tools Required:

- 12-spline Shimano/SRAM cassette tool (e.g., Park Tool FR-5.2)
- Torque wrench capable of reaching 40 Nm
- Isopropyl alcohol or disc brake cleaner • Lint-free cloth

1. Pre-Installation Checks:

Clean all contact surfaces: Ensure that both the rotor and hub surfaces are clean, dry, and free from debris, grease, or oil. Contamination can affect braking performance and lead to premature wear. Use a lint-free cloth and isopropyl alcohol to clean the locking thread.

Inspect the lockring and rotor: Before installation, check that the lockring is in good condition without any visible damage. Verify the rotor is correctly positioned on the hub's splines, ensuring it is fully seated and aligned.

Torque Wrench Calibration: Ensure the torque wrench is calibrated to accurately reach the recommended torque of 40 Nm. An uncalibrated wrench can result in under- or over-tightening.

2. Installation Steps:

Mount the Rotor: Place the rotor onto the hub's splines, making sure it is properly aligned. The rotor must be flush with the hub, with no gaps between the components.

Secure the Lockring: Position the **Kizuna Lockring** over the rotor, aligning it with the splines on the hub. Ensure the laser-etched lettering on the lockring is facing outward for proper fitment.

Hand Tighten the Lockring: Screw the lockring onto the hub by hand, ensuring that it threads smoothly. Be cautious not to cross-thread the lockring.

Tighten Using the Tool: 12-spline Shimano/SRAM cassette tool attach the lockring and begin tightening it by hand until it is snug.

Apply Torque: With the lockring hand-tightened, attach a torque wrench to the tool. Tighten the lockring to the recommended torque of **40 Nm**. This ensures the lockring is secure, and the rotor is properly clamped to the hub.

3. **Post-Installation Check:**

Double-check alignment: Ensure the lockring is properly seated and the rotor is securely fastened. The rotor should spin freely without interference.

Check locking torque: Verify that the lockring is tightened to the specified **40 Nm**. Proper torque ensures the rotor is securely clamped to the hub.

Check clearance: It is crucial to ensure there is adequate clearance between the lockring and fork/frame components, paying particular attention to road and gravel bike forks where tolerances can be tighter around the hub area.

4. **Maintenance and Safety:**

Periodically check the torque of the lockring to ensure it remains securely fastened, especially after long rides or rough terrain. If you notice any difficulty in keeping the lockring tightened or if the threads appear worn or damaged, inspect the lockring and consider replacing it for safety.

Important:

- Ensure you carry out installation in a safe, well-lit environment, and if in doubt, consult a professional bike mechanic to avoid any issues.
- Avoid over-tightening the lockring which may cause thread damage or mechanical issues. Always ensure the torque wrench is set to the recommended 40 Nm prior to applying torque.

By following these steps, you can ensure the safe and reliable performance of your JRC Components Kizuna Lockring.

