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ROTOR 8434366021850

ROTOR T4724 External Bottom Bracket Ceramic User Manual

Model: 8434366021850

PRODUCT OVERVIEW

The ROTOR T4724 External Bottom Bracket Ceramic is designed to provide a robust and compatible solution for bicycles utilizing the T47 bottom bracket standard. This component ensures smooth operation and compatibility with various cranksets, including ROTOR and Shimano models with a 24mm axle.

Key features include:

- Constructed from 100% CNC machined 7075 Aluminium alloy.
- Equipped with high-quality ceramic bearings for reduced friction and enhanced durability.
- Features silicone seals for improved protection against contaminants.



Image: The ROTOR T4724 External Bottom Bracket Ceramic, showing the two red cups connected by a white corrugated protective sleeve, indicating its external design.

COMPATIBILITY AND INSTALLATION GUIDELINES

Before installation, it is crucial to verify the compatibility of the ROTOR T4724 bottom bracket with your bicycle frame and crankset. The T47 standard is designed for threaded bottom bracket shells.

Frame Compatibility:

- Compatible with frames featuring the standard T47 bottom bracket shell.
- For road frames, compatible with shell widths of 85.5 mm and 86.5 mm.
- For mountain bike (MTB) frames, compatible with shell widths of 89.5 mm and 92 mm.
- Ensure to check your frame's width to determine if the external or internal model is required. This specific product is the external model.

Crankset Compatibility:

- Compatible with ROTOR cranksets featuring a 24 mm axle.
- Compatible with Shimano cranksets.

Installation Notes:

Installation of a bottom bracket requires specific tools and technical knowledge. It is highly recommended that installation be performed by a qualified bicycle mechanic to ensure proper fitment and function, preventing damage to the component or frame.

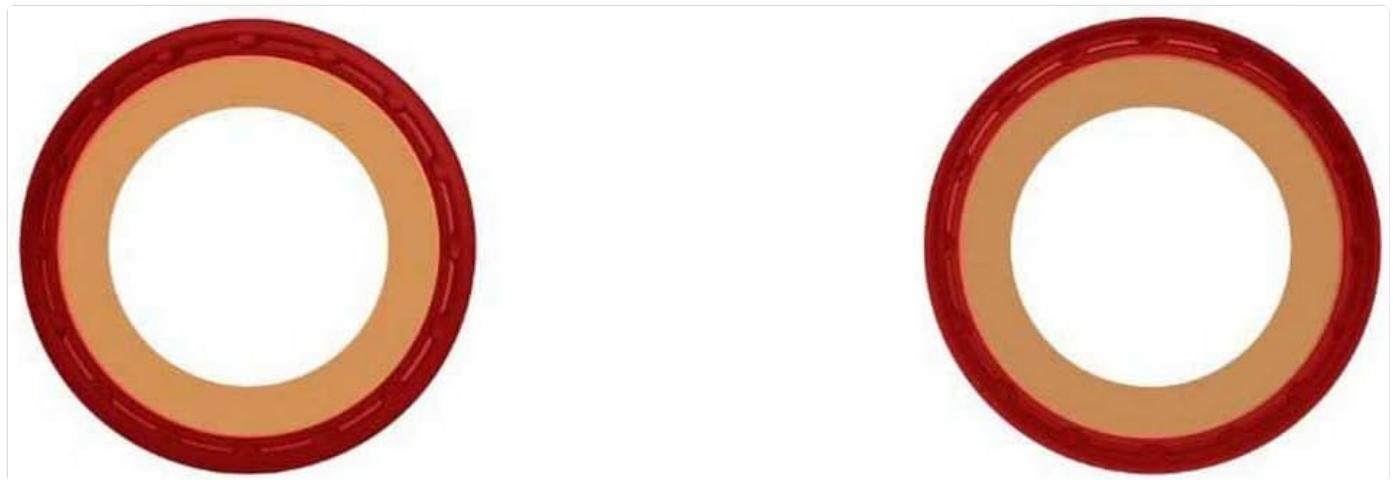


Image: Two individual ROTOR T4724 External Bottom Bracket Ceramic cups, showing the red outer casing and the inner bearing race, ready for installation into a T47 frame.

MAINTENANCE

Proper maintenance extends the lifespan and ensures optimal performance of your ROTOR T4724 bottom bracket. While ceramic bearings are known for their durability, regular inspection and cleaning are beneficial.

- **Regular Cleaning:** Periodically clean the exterior of the bottom bracket and surrounding frame area to remove dirt, dust, and grime. Use a soft cloth and a mild degreaser if necessary, avoiding direct high-pressure water spray on the seals.
- **Bearing Inspection:** Listen for any unusual noises (e.g., creaking, grinding) during pedaling. Check for any play or looseness in the crankset, which might indicate wear in the bearings or improper installation.
- **Seal Integrity:** The bottom bracket features silicone seals. Ensure these seals are intact and free from damage, as they protect the bearings from water and debris.
- **Professional Service:** For internal bearing maintenance or replacement, it is recommended to consult a professional bicycle mechanic. Attempting to service the ceramic bearings without proper tools and knowledge can

lead to damage.

TROUBLESHOOTING

If you experience issues with your bottom bracket, consider the following common problems and potential solutions:

- **Clicking/Creaking Noises:** Clicking or creaking sounds can often originate from the bottom bracket area. This might be due to insufficient grease during installation, loose bottom bracket cups, or a loose crankset.
 - *Solution:* Re-torque the bottom bracket cups and crankset bolts to manufacturer specifications. If the issue persists, professional re-installation with proper greasing is advised.
- **Play in Crankset:** If there is noticeable side-to-side play in the crankset, it could indicate loose crank bolts, worn bearings, or incorrect spacers.
 - *Solution:* Check and tighten crank bolts. If play continues, the bearings may be worn and require replacement, or the installation may need to be re-evaluated by a professional.
- **Roughness/Grinding:** A rough feeling or grinding noise when pedaling suggests contamination or wear in the bearings.
 - *Solution:* This typically indicates the need for bearing service or replacement. Consult a professional mechanic.

For complex issues or if you are unsure about performing any maintenance or troubleshooting steps, always seek assistance from a certified bicycle mechanic.

SPECIFICATIONS

Attribute	Detail
Brand	ROTOR
Model Name	T4724 External Bottom Bracket Ceramic
Item Model Number	8434366021850
ASIN	B09L6MPX4L
Bearing Type	Ceramic
Material	7075 Aluminium CNC machined
Seals	Silicone seals
Compatibility (Frame)	T47 Standard (Road: 85.5/86.5mm, MTB: 89.5/92mm)
Compatibility (Crank Axle)	24mm (ROTOR, Shimano)
Color	Red

WARRANTY AND SUPPORT

For specific warranty information regarding your ROTOR T4724 External Bottom Bracket Ceramic, please refer to the

official ROTOR website or contact ROTOR customer support directly. Warranty terms and conditions typically cover manufacturing defects.

For technical support, installation queries, or service, it is recommended to contact an authorized ROTOR dealer or a professional bicycle mechanic.

Note: The product's return policy (e.g., 30 days) is separate from the manufacturer's warranty, which covers product defects over a longer period.

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This manual is for informational purposes only. Specifications are subject to change without notice.