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› ZKTOOL Center Lock Wheel Alignment Tool User Manual

ZKTOOL ZK705

ZKTOOL Center Lock Wheel Alignment Tool User Manual

Model: ZK705
Brand: ZKTOOL

INTRODUCTION

The ZKTOOL Center Lock Wheel Alignment Tool is a specialized instrument designed for precise alignment and installation of centerlock wheels on specific Porsche and Lamborghini models. This tool is engineered to protect sensitive components, such as carbon ceramic brake discs, during wheel maintenance, ensuring a safe and accurate process.

SAFETY INFORMATION

Always prioritize safety when working with automotive tools. Read and understand all instructions before use. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves. Ensure the vehicle is securely supported on a level surface using jack stands before performing any work. Keep hands and clothing clear of moving parts. If unsure about any procedure, consult a qualified professional.

PRODUCT OVERVIEW

The ZKTOOL Center Lock Wheel Alignment Tool (Model ZK705) is a robust, cylindrical guide pin with a threaded end, specifically designed for vehicles with center lock wheel systems. Its primary function is to assist in the safe and accurate mounting and dismounting of wheels, preventing damage to critical components like brake discs.



Image: The ZKTOOL Center Lock Wheel Alignment Tool, a cylindrical metal tool with a threaded end.

Components

- One (1) ZKTOOL Center Lock Wheel Alignment Tool (Model ZK705)

SPECIFICATIONS

Manufacturer	ZKTOOL
Brand	ZKTOOL
Model	Center Lock Wheel Alignment Tool For Porsche
Item Model Number	ZK705
Thread Size	55×3.0MM
Item Weight	2.14 pounds (0.955 kg)
Package Dimensions	5 x 2 x 2 inches

Country of Origin	China
Compatible Vehicles	Porsche 911 (997, 991, 992), Porsche 718 GT4 RS, Lamborghini STO



Image: The tool with its dimensions indicated: 14.5cm/5.70in length, 6.5cm/2.55in diameter, and 5.5cm/2.16in thread section height. Weight is 0.955kg.

SETUP

The ZKTOOL Center Lock Wheel Alignment Tool requires minimal setup. Ensure the tool is clean and free of debris before use. No assembly is required.

1. Inspect the tool for any signs of damage or wear. Do not use if damaged.
2. Ensure the vehicle is properly lifted and secured on jack stands, and the wheel to be serviced is accessible.
3. Confirm the vehicle's center lock hub thread size matches the tool's 55x3.0MM thread.

OPERATING INSTRUCTIONS

This tool is designed to facilitate the safe removal and installation of center lock wheels, specifically preventing contact and potential damage to carbon ceramic brake discs.

Wheel Removal Procedure (Using the Tool as a Guide)

1. With the vehicle securely lifted and the wheel ready for removal, carefully unthread the center lock nut.
2. Once the center lock nut is removed, the wheel may still be seated tightly on the hub.
3. Insert the ZKTOOL Center Lock Wheel Alignment Tool into the center of the hub, threading it into the existing center lock mechanism. This tool acts as a guide pin.
4. Gently pull the wheel outwards, guiding it along the alignment tool. The tool ensures the wheel slides off straight, preventing it from tilting and potentially contacting the brake disc.
5. Once the wheel is clear of the hub, remove the alignment tool.

ZKTOOL Center Lock Wheel Alignment Tool



Image: The ZKTOOL alignment tool inserted into a vehicle's center lock hub, demonstrating its use as a guide during wheel removal or installation.

Wheel Installation Procedure (Using the Tool as a Guide)

1. Before installing the wheel, thread the ZKTOOL Center Lock Wheel Alignment Tool into the vehicle's center lock hub.
2. Carefully align the wheel onto the alignment tool. The tool will guide the wheel precisely onto the hub, ensuring proper seating and preventing accidental contact with the brake disc, especially crucial for carbon ceramic rotors.
3. Slide the wheel fully onto the hub along the guide tool.
4. Once the wheel is seated, remove the ZKTOOL alignment tool.
5. Install and torque the center lock nut according to the vehicle manufacturer's specifications.

【PREVENTS BRAKE DISC DAMAGE】

This tool is engineered to prevent damage to the carbon ceramic brake disc by avoiding contact with the wheel when removing or installing the center lock screw, offering added protection during maintenance.



Image: A close-up view illustrating how the ZKTOOL alignment tool prevents the wheel from contacting and damaging the carbon ceramic brake disc during handling.

Versatile Compatibility

This tool is compatible with a range of high-performance vehicles, including Porsche 911 models (997, 991, 992), Porsche 718 GT4 RS, and the Lamborghini STO, making it an essential tool for professional garages and enthusiasts working on these specific models.

【Versatile Compatibility】

Compatible with multiple Porsche and Lamborghini models, for Porsche 911 (997, 991, 992) and 718 GT4 RS, as well as the Lamborghini STO, making it a versatile tool for professional garages and DIY enthusiasts.

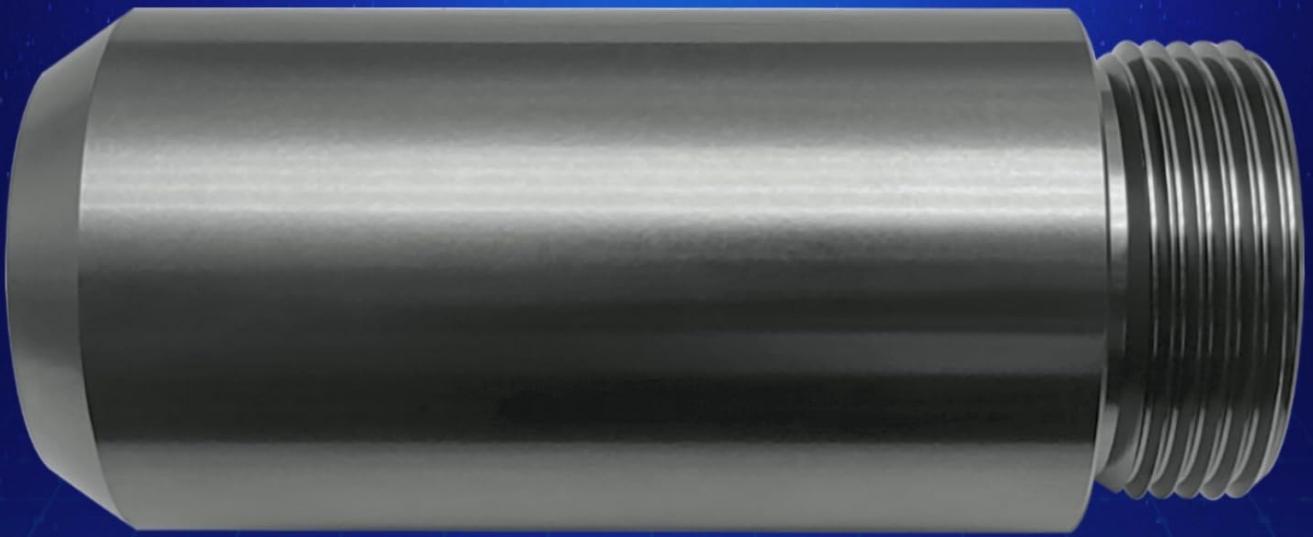


Image: The ZKTOOL alignment tool with text indicating its versatile compatibility with various Porsche and Lamborghini models.

MAINTENANCE

To ensure the longevity and optimal performance of your ZKTOOL Center Lock Wheel Alignment Tool, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe the tool clean with a dry cloth to remove any grease, dirt, or debris. For stubborn grime, use a mild degreaser and then dry thoroughly.
- **Storage:** Store the tool in a clean, dry environment, away from moisture and corrosive materials. Keeping it in its original packaging or a dedicated tool box will protect it from damage.
- **Inspection:** Periodically inspect the threads and the body of the tool for any signs of wear, deformation, or damage. If the threads appear worn or damaged, the tool may not function correctly and should be replaced to prevent damage to vehicle components.
- **Lubrication:** A light coat of rust-preventative oil can be applied to the metal surfaces, especially the threads, if the tool is to be stored for an extended period or in a humid environment.

TROUBLESHOOTING

This tool is straightforward in its function. Most issues arise from improper application or compatibility concerns.

Problem	Possible Cause	Solution
Tool does not thread into hub.	Incorrect thread size for vehicle; damaged tool threads; debris in hub threads.	Verify vehicle compatibility and thread size (55x3.0MM). Inspect tool threads for damage. Clean hub threads.
Wheel still difficult to remove/install with tool.	Wheel stuck due to corrosion; improper alignment during initial attempt.	Ensure the wheel is not seized. Apply penetrating lubricant if necessary. Re-align the wheel carefully onto the guide tool.
Tool feels loose or wobbly when threaded.	Damaged tool threads; damaged hub threads.	Inspect both tool and hub threads for damage. If tool threads are damaged, replace the tool. If hub threads are damaged, seek professional repair.

WARRANTY AND SUPPORT

ZKTOOL products are manufactured to high-quality standards. For information regarding warranty coverage, product support, or to report any issues, please contact ZKTOOL directly through their official channels or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

For further assistance, visit the ZKTOOL Store: [ZKTOOL Official Store](#)