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> ZKTOOL Engine Cylinder Head Organizer Valves Tool (Model ZK647) - Instruction Manual

ZKTOOL ZK647

ZKTOOL Engine Cylinder Head Organizer Valves Tool

Model: ZK647

INTRODUCTION

The ZKTOOL Engine Cylinder Head Organizer Valves Tool, Model ZK647, is designed to provide efficient and organized storage for engine components during cylinder head rebuilds and maintenance. This tool helps maintain the correct order of parts, reducing assembly time and minimizing frustration. It is constructed from durable nylon material to withstand regular use in a workshop environment.



Image: The ZKTOOL Engine Cylinder Head Organizer, showcasing its universal design and capacity to classify and store various engine components like camshafts, valves, and springs.

SETUP

The ZKTOOL Engine Cylinder Head Organizer comes with four detachable support legs for elevated use. Follow these steps for assembly:

1. Unpack the organizer tray and the four support legs from the packaging.
2. Locate the designated slots on the underside of the organizer tray for the support legs.
3. Align each support leg with its corresponding slot and firmly push it into place until it snaps securely. Ensure all four legs are stable before placing components on the tray.

WITH FOUR SUPPORT LEGS

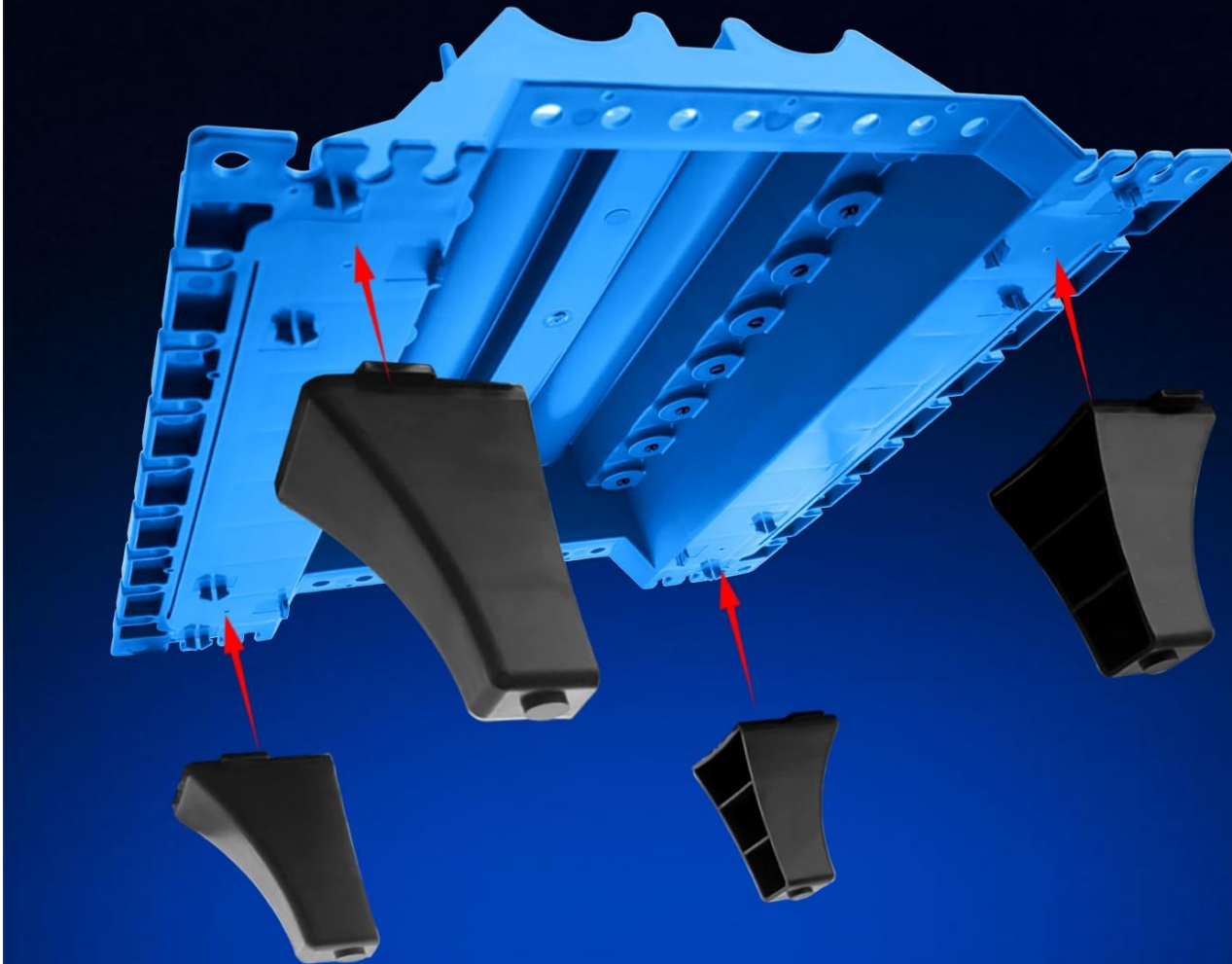


Image: Underside view of the organizer illustrating the attachment points for the four support legs, indicated by red arrows.

The legs are designed for secure attachment but can be detached for compact storage or if the tray is to be used flat on a surface. When moving the tray with components, exercise caution to prevent accidental detachment of the legs.

OPERATING INSTRUCTIONS

This organizer is designed to hold various engine cylinder head components in an orderly fashion. Use the different sections of the tray to separate and store parts:

- **Camshafts:** Place camshafts in the long, grooved sections at the top of the tray.

- **Valves:** Insert valves into the individual tapered holes, ensuring the valve head rests securely.
- **Valve Springs and Retainers:** Use the smaller compartments or pegs to hold valve springs, retainers, and collets.
- **Lifters/Tappets:** Place lifters or tappets in the designated cylindrical slots.
- **Bolts and Small Hardware:** Utilize the smaller, open compartments for bolts, washers, and other small hardware.

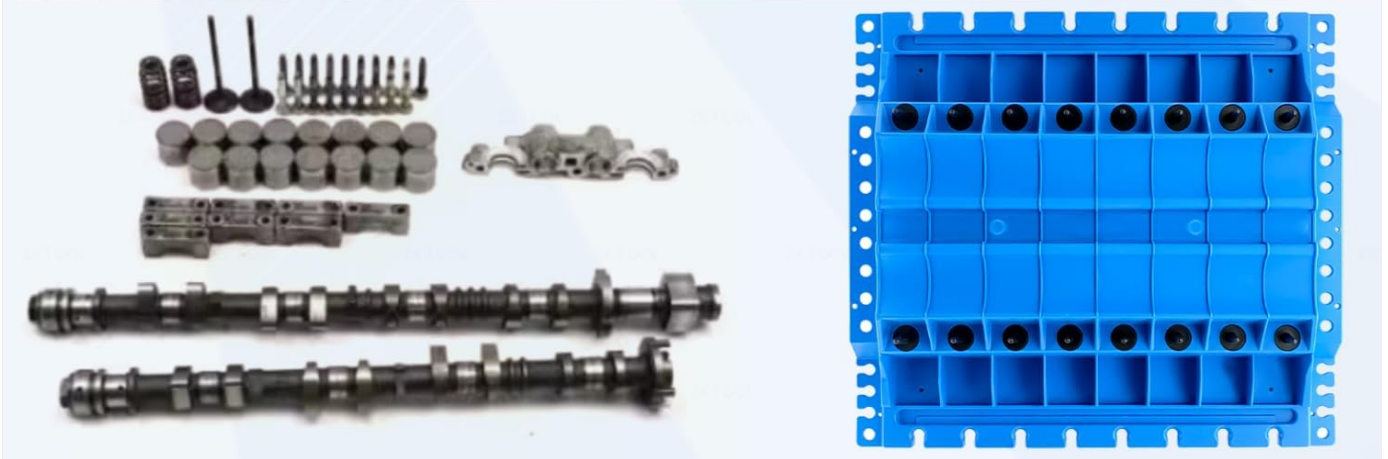
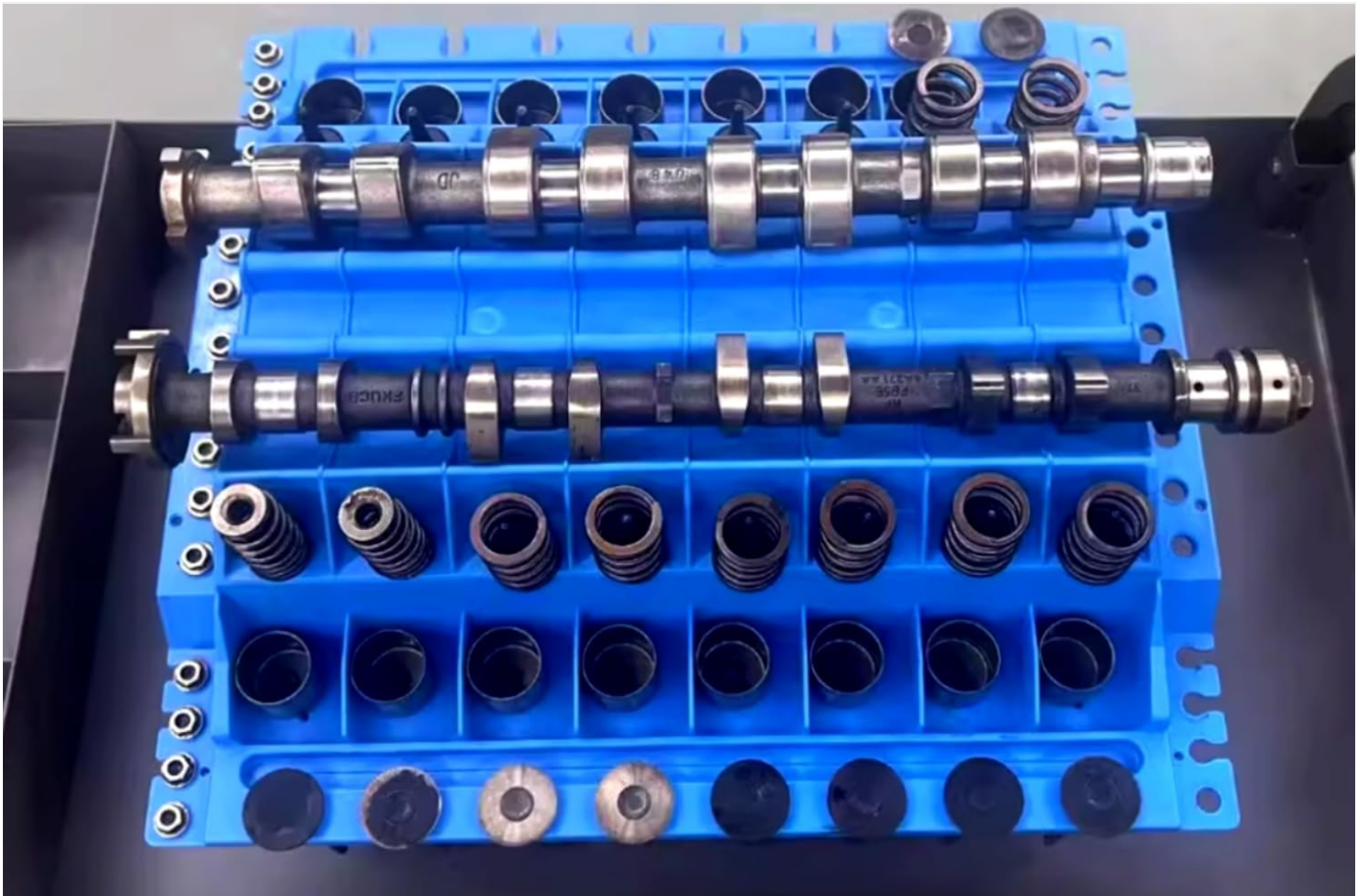


Image: A top-down view of the organizer demonstrating the proper placement of camshafts, valves, springs, and other components for systematic organization.

Always place components gently to avoid damage to the parts or the organizer. The structured layout helps in reassembly by keeping parts in their correct sequence and orientation.

Video Demonstration

Your browser does not support the video tag.

Video: An official ZKTOOL video demonstrating the use and organization capabilities of the Engine Cylinder Head Organizer Valves Tool. This video shows various engine components being placed into the tray, highlighting its efficiency.

MAINTENANCE

To ensure the longevity and effectiveness of your ZKTOOL Engine Cylinder Head Organizer, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the organizer clean with a damp cloth after each use to remove oil, grease, and debris. For stubborn grime, a mild detergent can be used. Rinse thoroughly and dry completely before storage.
- **Storage:** Store the organizer in a dry, clean environment away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the tray and support legs for any signs of wear, cracks, or damage. Replace the unit if significant damage is observed to prevent component loss or injury.

TROUBLESHOOTING

If you encounter any issues while using the organizer, consider the following:

- **Support Legs Detaching:** If the support legs frequently detach when moving the organizer, ensure they are fully snapped into place. When transporting the organizer with components, lift it carefully from the base rather than by the edges, or consider detaching the legs and carrying the tray flat.
- **Components Not Fitting:** The organizer is designed for a wide range of engine components. If a specific part does not fit, do not force it. Ensure you are using the correct slot for the component type.
- **Stability Issues:** Ensure the organizer is placed on a flat, stable surface. Verify that all four support legs are properly attached and evenly supporting the tray.

SPECIFICATIONS

Model Number	ZK647
Material	Tough Nylon
Dimensions (L x W x H)	404mm x 450mm x 110mm (approx. 15.9 x 17.7 x 4.3 inches)
Item Weight	1.48 kg (approx. 3.26 lbs)
Color	Blue

WARRANTY

ZKTOOL products are manufactured to high-quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the ZKTOOL official website or contact customer support for specific warranty terms and conditions.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the ZKTOOL Engine Cylinder Head Organizer Valves Tool, please visit the official ZKTOOL website or contact their customer service department. Contact information can typically be found on the product packaging or the ZKTOOL brand store page.

ZKTOOL Brand Store: [Visit ZKTOOL Store on Amazon](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question