

Sealey VS803

Sealey VS803 Heavy Duty Door Hinge Pin Tool Set

Instruction Manual

Model: VS803 (Ø5 x 125 mm)

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Sealey VS803 Heavy Duty Door Hinge Pin Tool Set. Please read this manual thoroughly before operation and retain it for future reference.

The Sealey VS803 is designed for the removal of door hinge pins, particularly those found in hollow-type hinges. Its robust construction and cranked anvil design facilitate improved access and leverage for efficient pin extraction.



Figure 1: Sealey VS803 Heavy Duty Door Hinge Pin Tool Set. This image displays the two components of the Sealey VS803 Heavy Duty Door Hinge Pin Tool Set. Each pin is made of dark-colored steel, featuring a cylindrical body with a hexagonal cross-section for grip, and knurled, threaded ends designed for engaging and removing hinge pins. The overall length of each pin is approximately 125 mm (4.92 inches), with a diameter of 5 mm (0.2 inches).

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses, when using hand tools.
- Ensure the workpiece is stable and secure before attempting to remove hinge pins.
- Do not use excessive force. If a pin is stuck, investigate the cause rather than forcing the tool.
- Keep hands and fingers clear of the working area to prevent injury.
- Store the tool in a dry, safe place, out of reach of children.
- Inspect the tool for any damage before each use. Do not use a damaged tool.

3. SETUP

The Sealey VS803 Hinge Pin Tool Set requires minimal setup. Upon unpacking, inspect both pins for any signs of shipping damage or manufacturing defects. Ensure the knurled ends are intact and free from burrs.

No assembly is required for this tool set. It is ready for immediate use after inspection.

4. OPERATING INSTRUCTIONS

- Identify Hinge Type:** Confirm the door is fitted with hollow-type hinge pins suitable for this tool.
- Position the Tool:** Place the cranked anvil end of the tool against the hinge, aligning it with the base of the hinge pin. The cranked design allows for better access in confined spaces.
- Apply Force:** Using a hammer or mallet, gently tap the top of the tool. The steel pin will exert force on the hinge pin, driving it out from the hinge.
- Gradual Removal:** Continue tapping the tool, ensuring the hinge pin is moving smoothly. If resistance is met, stop and re-evaluate the alignment or check for obstructions.
- Complete Removal:** Once the hinge pin is sufficiently dislodged, it can typically be pulled out by hand or with pliers.

Note: Always ensure stable footing and a clear work area. Avoid striking the tool with excessive force, which could damage the tool or the hinge.

5. MAINTENANCE

- Cleaning:** After each use, wipe the tool clean with a dry cloth to remove any dirt, grease, or debris.
- Lubrication:** Periodically apply a light coat of rust-preventative oil to the steel pins, especially if storing in a humid environment.
- Storage:** Store the tool set in its original packaging or a suitable tool box in a dry, cool place to prevent corrosion and damage.
- Inspection:** Regularly inspect the pins for signs of wear, bending, or damage. Replace the tool if it shows significant wear or damage that could affect its performance or safety.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hinge pin not moving	Pin is seized, rusted, or obstructed. Incorrect tool alignment.	Apply penetrating oil to the hinge pin. Re-align the tool. Do not force. Consider professional assistance for severely seized pins.
Tool appears damaged after use	Excessive force applied. Incorrect usage.	Ensure proper technique is used. Do not use a damaged tool; replace it.

7. SPECIFICATIONS

Feature	Detail
Model Number	VS803
Brand	Sealey
Material	Steel

Feature	Detail
Pin Dimensions (Diameter x Length)	Ø5 x 125 mm (approximately 0.2" x 4.92")
Item Weight	Approximately 1.58 ounces (total for set)
Suitable For	Removing doors fitted with hollow type hinge pins




8. WARRANTY AND SUPPORT


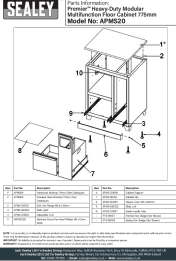

For warranty information, please refer to the terms and conditions provided by your retailer or the official Sealey website. Keep your proof of purchase for any warranty claims.

For technical support or further assistance, please contact your authorized Sealey dealer or visit the Sealey official website for contact details.

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Related Documents - VS803

	<p>Sealey CST806 Platform Truck 450kg Capacity - Instructions, Assembly, and Specifications</p> <p>Comprehensive instructions, safety guidelines, introduction, specifications, assembly steps, and maintenance for the Sealey CST806 Platform Truck with a 450kg load capacity. Includes a detailed parts list.</p>
	<p>Sealey APR3001 Heavy-Duty 3 Beam Racking Unit - 1000kg Capacity per Level Assembly & Safety Guide</p> <p>Comprehensive assembly instructions and safety guidelines for the Sealey APR3001 Heavy-Duty 3 Beam Racking Unit. Learn how to safely install and use this 1000kg capacity per level storage solution.</p>
	<p>Sealey APMS20 Modular Floor Cabinet Multifunction 775mm Heavy-Duty - Technical Specifications and Assembly Guide</p> <p>Detailed technical specifications, safety guidelines, and assembly instructions for the Sealey APMS20 heavy-duty modular floor cabinet. Features include dimensions, parts list, and environmental protection information.</p>

	<p>Sealey AS10 Axle Stands (Pair) 10 Tonne Capacity - User Manual & Safety Guide</p> <p>Comprehensive user manual and safety guide for Sealey AS10 10 Tonne capacity axle stands. Learn about specifications, operation, maintenance, and safety precautions for safe vehicle support.</p>
	<p>Sealey APMS20 Premier Heavy-Duty Modular Multifunction Floor Cabinet 775mm Parts List and Diagram</p> <p>Detailed parts list and diagram for the Sealey APMS20 Premier Heavy-Duty Modular Multifunction Floor Cabinet 775mm. Includes part numbers, descriptions, and assembly information.</p>
	<p>Sealey Trolley Jack 3 Tonne Long Chassis Heavy-Duty Manual</p> <p>Instructions and specifications for the Sealey Heavy-Duty Trolley Jack, Model 1153CX.V5. Includes safety guidelines, operation, maintenance, and troubleshooting.</p>