



INSTRUCTIONS FOR:
SHORT CHASSIS TROLLEY JACKS
 MODEL No's: **5000SL.V2, 8000SL.V2**

Thank you for purchasing a Sealey jack. This product is manufactured to a high standard of dependability, and if correctly cared for, will give you years of trouble free performance.



IMPORTANT
 READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS JACK CORRECTLY, AND WITH CARE, FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.

1. SAFETY PRECAUTIONS

- ✓ Ensure that the jack is in sound condition and good working order. Take action for immediate repair or replacement of damaged parts.
Use recommended parts only. The use of unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Keep the jack clean for best and safest performance.
- ✓ Locate the jack in a suitable, well lit, work area. Keep the work area clean and tidy and free from unrelated materials.
- ✓ Use jack on level and solid ground, preferably concrete. *Avoid tarmacadam since jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure wheels of jack can freely move*).
- ✓ Ensure the vehicle handbrake is engaged, the engine is switched off and the transmission is in 1st gear (or in "Park" if automatic).
- ✓ Ensure minimum distance of 0.5m between vehicle tilt and static objects such as doors, walls, etc.
- ✓ Ensure that all non-essential persons keep a safe distance whilst the jack is in use.
- ✓ Ensure that there are no passengers in the vehicle which is to be jacked up.
- ✓ Place jack under vehicle manufacturer's recommended lifting points (*see vehicle handbook*).
- ✓ Check that the lifting point is stable and centred on the jack saddle.
- ✓ Ensure that the jack wheels are free to move and that there are no obstructions.
- ✓ **DANGER:** Use the jack for lifting only, **NOT** for supporting the lifted load.
- ✓ Use correct axle stands under the vehicle before proceeding with any task.
- ✓ Use a qualified person to lubricate and maintain the jack.
- ✓ Confirm that the recommended *hydraulic oil* is used during maintenance.
- x **DO NOT** operate the jack if it is damaged.
- x **DO NOT** allow untrained persons to operate the jack.
- x **DO NOT** exceed the rated capacity of the jack.
- x **DO NOT** allow the vehicle to move during jacking or use the jack to move the vehicle.
- x **DO NOT** jack a vehicle if there is a risk of spillage of fuel, battery acid or other dangerous substances, or a risk of load movement.
- x **DO NOT** work under the vehicle until axle stands have been correctly positioned.
- x **DO NOT** use the jack for purposes other than that for which it is intended.
- x **DO NOT** top up hydraulic system with brake fluid. Use hydraulic oil only.
- x **DO NOT** alter the pressure control valve.
- ✓ Store jack, fully lowered, in a dry, childproof area.
- WARNING:** It is **very dangerous** to go under a vehicle which is supported by a jack **even** if additional supports are used. **DO NOT** go under a vehicle unless it is supported by adequately rated axle stands.
- ▲ IMPORTANT!** Ensure you can see the saddle and jacking point throughout the jacking operation in case there is any relative movement.

2. INTRODUCTION & SPECIFICATIONS

2.1 Introduction

2.1.1 The 5000SL and 8000SL short chassis trolley jacks are suitable for use in confined areas and are ideal for mobile use. The heavy-duty hydraulic units are fitted with safety overload devices. The handles feature an integral safety release mechanism, which prevents unintended release.

2.2 Specification

Model	5000SL	8000SL
Capacity5 ton8 ton
Minimum Saddle Height	145mm	155mm
Maximum Saddle Height	560mm	570mm
Maximum Chassis Height	200mm	210mm
Maximum Length	1200mm	1395mm
Weight	70kg	90kg

3. OPERATING INSTRUCTIONS

3.1. Purging the Hydraulic Circuit

- 3.1.1 Open the release valve by turning the handle clockwise.
- 3.1.2 Pump the handle several times to ensure full internal lubrication and to bleed any air the system.
- 3.1.3 Release the handle to close the release valve.

3.2 Preparing the Vehicle

- 3.2.1 Prepare the vehicle as described in the safety instructions, ensuring the ground on which the jack is to stand is level and solid (not tarmacadam).
- 3.2.2 Position the jack saddle under the vehicle manufacturer's recommended lifting point.
- 3.2.3 Ensure that the jack is at right angles (90°) to the lifting axis. Refer to Fig. 1.

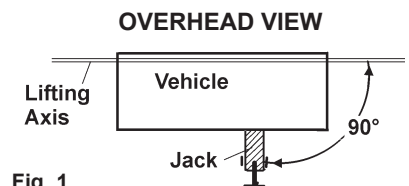


Fig. 1

- 3.2.4 Deviations either side of 90° will exert additional stress on the lifting arm, which is dangerous.
- NOTE:** When positioning the jack to lift larger vehicles, remember that space will be required to operate the handle. DO NOT have the jack too far under the vehicle.
- 3.2.5 Pump the handle up and down using maximum strokes so that the saddle quickly reaches the working height. Alternatively, the foot pedal may be used for the same purpose.
- NOTE:** The 8000SL model is supplied with a standard saddle and an extension saddle which increases the effective lifting range of the jack.
- 3.2.6 Should the jack become overloaded, a safety excess pressure valve will open and stop the vehicle from lifting.
- 3.3 Weight Distribution**
- 3.3.1 Up to 80% of the lifted load is carried by the jack's front wheels placing exceptional stress on the point of contact with the floor. To protect the floor, boards may be placed beneath the jack wheels.
- 3.4 Lowering the Load**
- 3.4.1 Rotate the handle clockwise to lower the jack.
- 3.4.2 The lowering speed is controlled by the amount the handle is turned. Lower carefully and slowly, avoiding any sudden changes in lowering speed, which would shock load the jack's hydraulic system.
- 3.4.3 Ensure that there are no persons or obstacles beneath the vehicle, or in the path of its descent.
- 3.5 Safety Reminders**
- 3.5.1 Before lifting, ensure that the vehicle is clear of passengers.
- 3.5.2 Ensure that the transmission is in gear, or 'Park' for automatic transmission, and the handbrake is engaged.
- 3.5.3 Ensure that the vehicle is positioned on a hard, level surface with the wheels securely chocked to prevent it from moving.
- 3.5.4 Ensure that the jack wheels are free and able to move during lifting.
- 3.5.5 Ensure that you have consulted the vehicle handbook to confirm the position of jacking points.
- 3.5.6 Ensure that any trailer, farm equipment etc., coupled to the vehicle to be lifted, has been removed and placed in a safe location.
- 3.5.7 Ensure that axle stands are available for use when the vehicle is elevated.

4. MAINTENANCE

NOTE: Only fully qualified personnel should attempt maintenance or repair on the jack.

- 4.1 When the jack is not in use, the ram should be in the lowest position.
- 4.2 Remove the handle to de-activate the jack.
- 4.3 To check the oil level, fully lower the jack. Remove the top cover and unscrew the filler plug. The correct oil level is approximately 10mm below the filler opening. If the oil level is low, fill as required.

NOTE: Use a good quality jack oil, such as Sealey Hydraulic Jack Oil.

WARNING: DO NOT use brake fluid, or any fluid other than hydraulic jack fluid as this may cause serious damage to the jack and will invalidate the warranty.

- 4.4 Every three months, remove the circlips on the caster wheels and lubricate the ball bearings with grease.
- 4.5 After a year of extensive use, the oil should be replaced in order to extend the life of the jack.
- 4.6 Periodically check the pump piston and piston rod for signs of corrosion. Clean exposed areas with a clean oiled cloth.

De-commissioning

If the jack becomes completely unserviceable, drain the oil into an approved container and dispose of the jack and the oil according to national and local regulations.

5. TROUBLESHOOTING

THE PROBLEM	THE CAUSE	THE SOLUTION
Jack will not lift high enough.	1. Insufficient oil level. 2. Seals worn. 3. Safety overload valve activated.	1. Check the oil level, see 4.3. above. 2. After several years of use the seals may be worn, replace using a recommended repair kit. 3. The load is too heavy for the jack.
Jack will not lift.	1. Release valve not fully seated.	1. Tap the end of the release rod (Item No. 10) with a light hammer to reseal ball. 1. Check that clearance between inner release rod nut (Item No. 18) and release arm (Item No. 21) is 0.5 to 1.5 mm. Loosen lock nut and adjust as necessary.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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