



Instructions for:
SHORT CHASSIS TROLLEY JACKS
Models: 5000SL & 8000SL

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, OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.

1. SAFETY PRECAUTIONS

- ✓ Ensure 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 improper parts may be dangerous and will invalidate the warranty.
- ✓ Keep the jack clean for best and safest performance.
- ✓ Locate the jack in an adequate, well lit working area.
- ✓ Keep working area clean and tidy and free from unrelated materials.
- ✓ Use jack on level and solid ground, preferably concrete. *Avoid tarmac 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 & static objects such as doors, walls, etc.
- ✓ Ensure all non-essential persons keep a safe distance whilst the jack is in use.
- ✓ Ensure there are no passengers in the vehicle which is to be jacked up.
- ✓ Place jack under vehicle manufacturer's recommended lifting points (*see vehicle hand book*).
- ✓ Check that the lifting point is stable and centred on the jack saddle.
- ✓ Ensure 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 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.
- x DO NOT use the jack to move 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 which it is intended.
- x DO NOT top up system with brake fluid. Use hydraulic oil only.
- x DO NOT alter the pressure control valve.
- ✓ Store jack in a dry, childproof area when not in use, and in its down position.

MODEL	5000SL	8000SL
Capacity-kg	5000	8000
Chassis Length/width/height-mm	1290/465/205	1380/465/210
Saddle height - max/min-mm	555/150	570/160 680/270*
Weight-kg	71	90

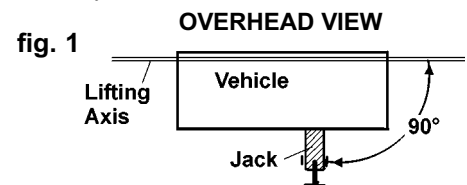
* With extension saddle fitted.

2. ASSEMBLY

- 2.1. Loosen the thumbscrew at the side of the handle base.
- 2.2. Insert jack handle and tighten thumbscrew until it locates in the groove in the handle.
- 2.3. Check that the handle can be lifted and turned by approximately 20mm.

3. OPERATING INSTRUCTIONS

- 3.1. Before using the jack, purge the hydraulic circuit in order to eliminate any possible air in the system.
 - a) Open the release valve by turning the handle clockwise.
 - b) Pump the handle several times to ensure full internal lubrication and to bleed any air from the system.
 - c) Release the handle to close the release valve when done.
 - 3.2. Prepare the vehicle as mentioned in the safety instructions ensuring the ground on which the jack is to stand is level and solid (not tarmac).
 - 3.3. Position the jack saddle under the vehicle manufacturer's recommended lifting point. Ensure that the jack is at a right angle (90°) to the lifting axis (see fig.1). Deviations either side of the 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 jack too far under vehicle.
- 3.4. 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 is supplied with a standard saddle and an extension saddle, increasing the jack's effective lifting range.
 - 3.5. Should the jack become overloaded, a safety excess pressure valve will open, and stop the vehicle from lifting.
 - 3.6. When raising the load use approximately 1/3 full stroke of the handle. If the jack stops lifting, either through overload or because it has reached its maximum height DO NOT continue to pump as damage to the jack may result.



- 3.7. Weight Distribution
Up to 80% of the lifted load is carried by the front wheels of the jack placing exceptional stress on the point of contact with the floor. To protect the floor, boards may be placed beneath the jack wheels.
- 3.8. Lowering the load
Rotate the handle clockwise to lower. 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 hydraulic system. Ensure there are no persons or obstacles beneath the vehicle, or in the path of its descent.



IMPORTANT SAFETY REMINDERS. Before lifting ensure:

- Vehicle is clear of passengers. Transmission is in gear (or "Park" for automatic transmission) and handbrake engaged.
- Vehicle is positioned on a **HARD LEVEL SURFACE**, with wheels securely chocked to prevent it from moving. The jack wheels are free and able to move during lifting.
- You have consulted your vehicle handbook to confirm position to place the jack saddle.
- Any trailer, farm equipment etc. coupled to the vehicle to be lifted has been removed and placed in a safe location.
- AXLE STANDS** are available for use when the vehicle is elevated.

4. MAINTENANCE

Note: Only fully qualified personnel should attempt maintenance or repair.

- 4.1. When the jack is not in use, the ram should be in its lowest position.
Remove the handle to deactivate jack.
- 4.2. Keep the jack clean and lubricate all moving parts with acid free oil on a regular basis.
- 4.3. To check the oil level, fully lower the jack. Remove top cover and unscrew filler plug. The correct oil level should be approximately 10mm below the filler opening. If oil level is low, fill as required.
Note: Use a good quality jack oil, such as SEALEY HYDRAULIC OIL.
WARNING: DO NOT use brake fluid, or any fluid other than hydraulic 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 the jack

Should the jack become completely unserviceable, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.

5. TROUBLE SHOOTING

THE PROBLEM	THE CAUSE	THE SOLUTION
Jack will not lift high enough.	1. Possible insufficient oil level. 2. Safety overload valve activated.	1. Check the oil level, see 4.3. above. 1. After several years of use the seals may be worn, replace using a recommended repair kit. 2. 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.206) with a light hammer to reseal ball. 1. Check that clearance between inner release rod nut (Item No.128) and release arm (Item No.131) is 0.5 to 1.5 mm. Loosen lock nut and adjust as necessary.

Declaration of Conformity

We, the sole importer into the UK, declare that the products listed below are in conformity with the following EEC standards and directives.

**SHORT CHASSIS TROLLEY JACKS
MODELS: 5000SL & 8000SL**

98/37/EEC Machinery Directive



The construction files for these products are held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.

Signed by Mark Sweetman

1st July 1999

For Jack Sealey Ltd. Sole importer into the UK of Sealey Quality Products.

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.

Hydraulic products are only repaired by local service agents. We have service/repair agents in all parts of the UK.

DO NOT RETURN JACKS TO US. Please telephone us on 01284 757500 to obtain the address and phone number of your local agent. If jack is under guarantee please contact your dealer.

IMPORTANT: No liability is accepted for incorrect use of this equipment

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 call us on 01284 757525 and leave your full name and address, including postcode.



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