



INSTRUCTIONS FOR: TROLLEY JACK

Models: 4002SLE, 6002SLE, 1002SLE, 1202SLE

Your new jack is produced and manufactured to a high standard of dependability and will, if used according to these instructions and properly maintained, 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. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

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 genuine parts only. The use of improper parts may be dangerous and will invalidate the warranty.
- ✓ Locate the jack in a suitable, well lit work area.
- ✓ Keep work area clean and tidy and free from unrelated materials.
- ✓ Use jack on level and solid ground, preferably concrete. *Avoid tarmacadam as jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure that wheels of jack can freely move*).
- ✓ Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear (or "Park" if automatic).
- ✓ Ensure minimum distance of 0.5m between vehicle and static objects such as doors, walls, etc., to allow for vehicle tilting.
- ✓ Ensure there are no passengers in the vehicle.
- ✓ Ensure all non-essential persons keep a safe distance whilst the jack is in use.
- ✓ Only place jack under those lifting points recommended by vehicle manufacturer (*see vehicle handbook*).
- ✓ Check 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 suitable capacity axle stands under the vehicle before proceeding with any task.
- ✓ Ensure that there are no persons or obstructions beneath the vehicle before lowering.
- ✓ Use a qualified person to maintain or repair the jack's hydraulic system.
- 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 while supported by the jack, or use the jack to move the vehicle.
- x DO NOT jack the vehicle if there is a risk of spillage of fuel, battery acid, or other dangerous substances.
- 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 jack oil only.
- x DO NOT adjust the safety overload valve.
- ✓ When not in use store jack, fully lowered, in a safe, dry, childproof area.

2. SPECIFICATIONS

Model:	4002SLE	6002SLE	1002SLE	1202SLE
Capacity	.4000kg	.6000kg	.10000kg	.12000kg
Min. saddle height	.140mm	.140mm	.150mm	.150mm
Max. saddle height	.605mm	.600mm	.585mm	.585mm
Max chassis height	.240mm	.240mm	.260mm	.260mm
Chassis length	.800mm	.800mm	.805mm	.805mm
Weight	.90kg	.95kg	.120kg	.130kg

3. ASSEMBLY & PRIMING

Note: Numbers in brackets refer to item numbers in the Parts List.

- 3.1. Fit the handle (12) onto the lever tube (11), models 4002SLE and 1002SLE, (handle extension (13) for models 6002SLE and 1202SLE), and retain with screw (1) and nut (2). Note that ridge in bore of handle engages with slot in the lever tube/handle extension.
- 3.2. Unscrew lever tube retaining screw (24). Fit the lever tube (11) into the tipping gear (43) with the slot to the rear. Retighten the retaining screw, ensuring that it fits correctly into the slot. Models 6002SLE and 1202SLE - Fit handle extension to lever tube with screw (1) and nut (2).
- 3.3. Before using the jack for the first time, purge hydraulic circuit in order to eliminate any air in the system. To do so, pull the handle upward and turn it anticlockwise to open the release valve. Hold the handle in the open position and pump it up and down 7 or 8 times. To close the hydraulic valve turn the handle clockwise and push the handle back to its normal operating position.
- 3.4. Place a few drops of hydraulic jack oil on pump piston and pump handle several times to distribute the oil. Thoroughly lubricate all moving parts.

4. OPERATING INSTRUCTIONS

4.1. General

☐ **WARNING! Before lifting ensure Section 1 safety instructions are strictly followed.**

- 4.1.1. Prepare vehicle as described in safety instructions, ensuring that the ground on which jack is to stand is level and solid (not tarmacadam).
- 4.1.2. Position the jack saddle under the vehicle manufacturer's recommended lifting point (see vehicle handbook).

4.2. Jacking

- 4.2.1. Ensure that the release valve is closed (i.e. the handle is pushed down and turned fully clockwise). Pump the handle up and down, using maximum strokes, until the vehicle reaches the working height. The foot peddle may be used to raise the saddle more swiftly up to the lifting point but always use the handle to raise the vehicle.

4.2.2. If the jack is overloaded, a safety excess pressure valve will open and stop the vehicle from being raised.

4.3. Lowering the vehicle

4.3.1. Pull the handle up and turn it anticlockwise to open the valve and lower the load.

4.3.2. The lowering speed is controlled and consistent regardless of how much you turn the handle.

WARNING! Ensure that there are no persons or obstacles beneath the vehicle, or in the path of descent.

5. MAINTENANCE

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

5.1. When not in use, the jack should be stored with the ram in the lowest position, to minimise corrosion. Remove the handle to inactivate the jack.

5.2. Keep the jack clean and lubricate all moving parts on a regular basis.

5.3. To check the oil level the pump complete must be removed from the jack, as follows:

5.3.1. Raise the jack half way.

5.3.2. Keep the handle vertical and lock the pump piston (36) in the innermost position with a screw, or similar, through the hole in the release bracket (45). Mind the inner spring.

5.3.3. Remove the handle and the tipping gear as well as the two screws (8) on top of the lifting frame.

5.3.4. Remove screw (25) and disconnect the piston rod from the base frame (19) by raising the lifting frame (20).

5.3.5. Lift the complete pump from the frame.

5.3.6. With the pump vertical and the piston rod held in, the correct oil level is at the lower edge of the filler hole (26).

Oil capacity: 1002SLE/1202SLE - 1.3l, 4002SLE/6002SLE - 0.8l.

Use a good quality jack oil, such as SEALEY HYDRAULIC JACK OIL and DO NOT overfill as this will affect the smooth operation of the jack.

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!

5.4. Before each use check for broken, cracked, bent, or loose parts, or any visible damage to ram, pump, saddle, lifting arm, frame and all parts including nuts, bolts, pins and other fasteners. If any suspect item is found, remove jack from service and take action to remedy the problem. DO NOT use the jack if it is believed to have been subjected to abnormal load or shock load. Inspect and take appropriate action.

5.5. Periodically check the pump piston and the ram for signs of corrosion. Clean exposed areas with a clean oiled cloth.

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THIS PRODUCT.

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 you can also contact your local dealer.

De-commissioning

If the jack eventually becomes unserviceable, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.

5. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load	1) Overloaded 2) Oil level low 3) Release valve not correctly closed 4) Air in system 5) Piston rod not functioning 6) Packing worn or defective	1) Be sure to use jack with adequate capacity. 2) Top up oil level. 3) Check and close release valve. 4) Open release valve and pump the handle a few times. Close valve and re-try. 5) Clean and replace oil. 6) Replace packing.
Jack does not lift high enough or feels "spongy"	1) Oil level too high or too low 2) Worn seals 3) Air in system 4) Release valve not closed	1) Fill or remove excess oil. 2) Return jack to local service agent. 3) Open release valve and pump the handle a few times. Close valve and re-try. 4) Check and close release valve.
Jack lifts poorly	1) Pump packing or valves malfunctioning 2) Oil is dirty 3) Air in the system	1) Replace packing and/or clean valves. 2) Replace oil. 3) Open release valve and pump the handle a few times. Close valve and re-try.
Jack lifts but will not hold load	1) Release valve partially open 2) Dirt on valve seats 3) Air in system 4) Faulty seals 5) Packing worn or defective	1) Check and close release valve. 2) Lower jack, close release valve. Place foot on front wheel and pull up lifting arm to full height by hand. Open the release valve to lower arm. 3) Open release valve and pump the handle a few times. Close valve and re-try. 4) Replace packing or contact local service agent. 5) Replace packing.
Jack will not lower completely	1) Unit requires lubrication 2) Piston rod bent or damaged 3) Jack frame/link system distorted due to overloading/poor positioning 4) Air in system 5) Release valve partially closed 6) Jack spring damaged	1) Oil all external moving parts. 2) Replace rod or contact local service agent. 3) Replace damaged parts or contact local service agent. 4) Open release valve and pump the handle a few times. Close valve and re-try. 5) Check and fully open release valve. 6) Replace spring or contact local service agent
Jack does not lower at all	1) Release valve closed	1) Check and fully open release valve.

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

<p>Trolley Jacks Models: 4002SLE, 6002SLE, 1002SLE, 1202SLE 98/37/EC Machinery Directive 93/68/EEC CE Marking Directive</p>	 <p>The construction files for these products are held by the manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.</p> <p>Signed by Mark Sweetman  11th January 2002</p> <p><i>For Jack Sealey Ltd. Sole importer into the UK of Sealey Quality Machinery.</i></p>
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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, address and postcode.

	<p>Sole U.K. Distributor, Sealey Group, Bury St. Edmunds, Suffolk.</p>	 01284 757500	 01284 703534	E-mail: sales@sealey.co.uk
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