



INSTRUCTIONS FOR: TROLLEY JACK

Model : 1301HL

Thank you for purchasing a Sealey product. Manufactured to a high standard this product 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 unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Locate the jack in a suitable, 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 as jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure wheels of jack can move freely*).
- ✓ Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in 1st or reverse 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 there are no persons or obstructions beneath the vehicle before lowering.
- ✓ Use a qualified person to maintain or repair the jack 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, nor use the jack to move the vehicle.
- x **DO NOT** jack vehicle if there is a risk of spillage of fuel, battery acid, or other dangerous substance.
- 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 designed.
- x **DO NOT** top up hydraulic system with brake fluid. Use hydraulic jack oil only.
- x **DO NOT** adjust the safety overload valve.
- x When not in use store jack, fully lowered, in a safe, dry, childproof area.

2. SPECIFICATION

Capacity	1300kg	Max. Chassis Height	160mm
Min. Saddle Height	80mm	Length	940mm
Max. Saddle Height	740mm	Weight	39kg

3. ASSEMBLY & PURGING

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

- 3.1. Push the handle (17) onto the lever tube (16) - the end without the plastic collar (15) - aligning the front of the handle, which carries the safety diagrams, with the slot in the tube. Retain with through screw and nut (1 & 2).
- 3.2. Loosen location bolt (9) at the rear of the tipping gear (43) socket. Place handle, with right angled slot to rear, in the socket and press it home. Retighten the location bolt, ensuring that it fits correctly in the slot. Check that the handle can be raised and then turned anticlockwise.
- 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 release valve turn the handle clockwise and push the handle down.
- 3.4. Place a few drops of hydraulic jack oil on the pump piston and pump the handle several times to distribute the oil. Thoroughly lubricate all moving parts.

4. OPERATING INSTRUCTIONS

4.1. General jacking

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

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

4.2. Jacking the vehicle

- 4.2.1. Ensure the release valve is closed (i.e. the handle is turned fully clockwise and pushed down). Commence pumping the handle up and down using maximum strokes until the vehicle reaches the working height.
Note: The foot pedal may be used to raise the saddle more swiftly to the vehicle jacking point.

4.2.2. Should the jack become overloaded, the safety valve will open, and stop the jack from lifting.

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 there are no persons or obstacles beneath the vehicle, or in the path of its descent.

5. MAINTENANCE

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

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

5.2. Keep the jack clean and lubricate all moving parts with oil 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 (30) in the innermost position with a screw, or similar, through the hole in the release bracket (38). Mind the inner spring.

5.3.3. Remove the handle and the tipping gear as well as the two screws (7) on top of the lifting frame.

5.3.4. Remove screw (16) and disconnect the piston rod (32) from the base frame (20) by raising the lifting frame (21).

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 (27).

Oil capacity: 0.3L

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 will 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 necessary action to remedy the problem.

DO NOT use the jack if believed to have been subjected to abnormal or shock loading. 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 cloth and jack oil.

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 telephone number of your local agent. If jack is under guarantee you can also contact your local dealer.

De-commissioning



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.

6. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load properly or will not hold raised load.	1) Overloaded 2) Release valve not closed 3) Air in system 4) Internal defect	1) Be sure to use jack with adequate capacity 2) Check and close release valve 3) Open release valve and pump the handle a few times. Close valve and re-try 4) Contact Service Agent
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	1) Oil all external moving parts 2) Contact local Service Agent 3) Replace damaged parts or contact 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
Jack does not lower at all	1) Release valve closed	1) Check and fully open release valve

7. DECLARATION OF CONFORMITY

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




<p>Trolley Jack Model: 1301HL 93/68/EEC CE Marking Directive 98/37/EC Machinery Directive</p>		<p>The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.</p> <p>Signed by Mark Sweetman  6th November 2000</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 and address, including postcode.

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