



INSTRUCTIONS FOR: HIGH LIFT TROLLEY JACK Model : **3000HL**

Your new jack is produced and manufactured to a high standard of dependability and will give you years of trouble free performance if used according to these instructions and properly maintained.



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 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 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 saddle under those lifting points recommended by the vehicle manufacturer (*see vehicle hand book*).
- ✓ 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, or 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 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. SPECIFICATION

Model:	3000HL
Capacity3 ton
Min. saddle height150mm
Max. saddle height930mm
Max chassis height220mm
Length1550mm
Weight125kg

Optional Equipment

Part No: 100/G2 Transport Wheels

Provides a pair of large rubber wheels and installation kit. Wheels are mounted at the centre of gravity of the jack, to ease positioning when unladen.

3. ASSEMBLY & PRIMING

- 3.1. Loosen locating bolt at the side of the handle base. Push handle into socket and retighten locating bolt, ensuring that it fits correctly in groove.
- 3.2. 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 clockwise 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 anti-clockwise and push down.
- 3.3. 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 mentioned in safety instructions ensuring that 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 pushed down and turned fully anti-clockwise). Commence pumping the handle, or the foot pedal, using the full stroke, until the vehicle reaches the working height.

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

4.3. Lowering the vehicle

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

4.3.2. The lowering speed is controlled and constant 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 the jack is not in use, the ram should be in its lowest position to minimise corrosion. Remove the handle to inactivate jack.

5.2. Keep the jack clean and lubricate all moving parts with acid free oil on a regular basis.

5.3. To check the oil level, fully lower the jack. Remove filler screw (item 50 in parts drawing). The oil level should be 12 -15mm beneath the top edge of the filler plug hole. Approximate oil capacity - 1.8l. **IMPORTANT:** Do not overfill as this may effect the smooth operation of the jack.

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!

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 the necessary action to remedy the defect. **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. After one year the oil should be replaced in order to extend the life of the jack. Drain and refill via the filler plug. Make sure that no dirt is allowed to enter the hydraulic system. See 5.3. for refill instructions.

5.6. 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

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	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 product listed below is in conformity with the following standards and directives.




<p>Trolley Jack Model: 3000HL 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  13th July 2001</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 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	<p>E-mail: sales@sealey.co.uk</p>
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