



INSTRUCTIONS FOR: TROLLEY JACK

Model: **1002.V2**

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 that 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 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 1st or reverse gear ("Park" if automatic).
 - ✓ Ensure minimum distance of 0.5m between vehicle and static objects such as doors, walls, etc., to allow for vehicle tilting during lifting.
 - ✓ Ensure that there are no passengers in the vehicle.
 - ✓ Ensure that 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 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 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 hydraulic system.
 - 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 while supported by the jack and **DO NOT** 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 suitable 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.
 - ✓ When not in use store jack, fully lowered, in a safe, 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. SPECIFICATION

Capacity	10000kg	Max. Chassis Height	280mm
Min. Saddle Height	195mm	Length	1550mm
Max. Saddle Height	650mm	Weight	145kg

3. ASSEMBLY & PURGING

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

- 3.1. Fit the handle (89) to the pumping handle (7) and retain with screw (90) and nut (91).
- 3.2. Place the pumping handle (7) in the tipping gear (6) and screw the locking screw (18) completely into the locking slot in the handle. **(IT IS VERY IMPORTANT YOU CHECK THAT THE SCREW IS ENGAGED INTO THE SLOT.)**
- 3.3. Oil the mechanical parts before first use - and regularly thereafter.
- 3.4. Before using for the first time open the release valve and pump the handle for 30-40 seconds. Close the release valve. This will purge any air in the hydraulic system. Jack is now ready for use.

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 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. Lift and lower the pumping handle or the quick-lift pedal over the entire arc of operation until the saddle reaches the lifting point. Then pump the handle to raise the vehicle.

Note: If the jack becomes overloaded, the safety valve will operate and prevent the jack from lifting further.

4.3. Lowering the vehicle

- 4.3.1. Pull the handle up and turn it clockwise.

☐ **SAFETY WARNING!** *Always lower in a slow and controlled manner and ensure that there are no persons or obstacles beneath the vehicle, or in the path of descent.*

5. OPTIONAL EQUIPMENT

Optional rubber positioning wheels, which bolt to the side of the jack, greatly assist when moving the unladen jack around. When jacking, the rubber wheels compress and the load goes through the main wheels, as normal. These wheels, model number 100/G1, are available through your local Sealey dealer.

6. MAINTENANCE

Lifting Operations and Lifting Equipment Regulations (LOLER) 1998.

This jack, depending on use, may fall within the scope of LOLER. It is the owner's responsibility to determine whether or not it does and, if so, to comply with any applicable requirements, in LOLER, for having the jack thoroughly examined.

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

- 6.1. When the jack is not in use, the ram should be in the lowest position to minimise corrosion. Remove the handle to inactivate the jack.
- 6.2. Keep the jack clean and lubricate all moving parts with oil on a regular basis.
- 6.3. The pump and cylinder form a closed hydraulic system and refilling with oil is only necessary in exceptional cases. To check oil level:
 - 1) Place jack on a level surface with the saddle fully lowered.
 - 2) Remove filler screw (52) and check that level is 20mm below top of filler hole. Add hydraulic oil if necessary.

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 oil as this will cause serious damage to the jack and will invalidate the warranty!**
- 6.4. 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 problem.
DO NOT use the jack if it is believed to have been subjected to abnormal or shock loading. Inspect and take appropriate action.
 - 6.5. 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 repaired by local service agents only. 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 eventually become completely unserviceable, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.

7. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load properly or will not hold raised load.	<ol style="list-style-type: none"> 1) Overloaded 2) Release valve not closed 3) Air in system 4) Low oil level 5) Internal defect 	<ol style="list-style-type: none"> 1) Be sure to use a 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) Check level and replenish if necessary. Use only hydraulic jack oil. 5) Contact Service Agent.
Jack will not lower	<ol style="list-style-type: none"> 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) Release valve blocked 	<ol style="list-style-type: none"> 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. 6) Clean release valve.

8. DECLARATION OF CONFORMITY

<p>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>	
<p style="text-align: center;">Trolley Jack Model: 1002.V2 98/37/EC Machinery Directive 93/68/EEC CE Marking 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  3rd May 2002</p> <p style="text-align: center;"><i>For Jack Sealey Ltd. Sole importer into the UK of Sealey Quality Machinery.</i></p>

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.