



INSTRUCTIONS FOR: 2 TON LOW ENTRY TROLLEY JACK

Model: **2000LE**

Your new Trolley Jack is produced and 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. 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 recommended parts only the use of improper parts may be dangerous and will invalidate the warranty.*
- ✓ Ensure the working area is clean and tidy and free from unrelated materials and has adequate lighting.
- ✓ Use Jack on solid, level ground, such as concrete. *Avoid tarmac as Jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure wheels of Jack can freely move*).
- ✓ Ensure the vehicle handbrake is engaged (or in "PARKED" mode), and switch the engine off.
- ✓ 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 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.*
- ✓ Ensure there are no persons or obstruction beneath the vehicle before lowering.
- ✓ 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 jack 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 **WARNING!** DO NOT allow the vehicle to move during jacking.
- x DO NOT use the Jack to move vehicle.
- x DO NOT Jack vehicle which may result in spillage of fuel, battery acid, or 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 which it is intended.
- x DO NOT top up system with brake fluid. Use hydraulic oil only.
- x DO NOT adjust the safety overload valve.
- ✓ When not in use clean the jack and store in a safe, dry, child proof area in the down position.

2. INTRODUCTION & SPECIFICATIONS

The 2000LE has a closed height of 70mm (including saddle) and is suitable for accessing jacking points on low slung vehicles such as sports and custom cars. The jack enables entry under skirts and bodywork. Fitted with a one-piece hydraulic unit with a safety overload valve, the heavy-duty chassis runs on polyamide, non-marking castors and wheels.

Max Capacity 2 Tons	Length 900 mm
Min Height 70 mm	Weight 46 kg
Max Height 465 mm		

Before use insert the handle carefully into the handle socket taking care to engage mechanism for release.

3. OPERATING INSTRUCTIONS

- 3.1. **Before first use.**
Before using jack, purge the hydraulic circuit in order to eliminate any air that may have accumulated in the system during transit as follows: Turn the jack handle anti-clockwise to open the valve and pump several times to ensure full internal lubrication and to bleed any air from the system.
- 3.2. **Operating the Jack**
☐ **WARNING! Before lifting ensure chapter 1 safety instructions are strictly followed.**
- 3.2.1. Up to 80% of the lifted load is carried by the front Jack wheels placing exceptional stress on the point of contact with the supporting floor. For this reason use on solid, level ground such as concrete only. Prepare the vehicle as mentioned in the safety instructions.
- 3.2.2. Position the Jack saddle under the vehicle manufacturer's recommended lifting point.
- 3.2.3. There are two methods of raising the jack arm.
a) Close the valve by turning the handle clockwise then pump the handle up and down until the jack has reached the required height.
b) Close the valve as in "a" and pump the foot pedal to raise the jack. Return to using the handle when saddle contacts jacking point.
- 3.2.4. Should the Jack become overloaded, a safety excess pressure valve will open, and stop the vehicle from lifting.
- 3.2.5. Position Axle Stands under the vehicle before attempting any work.
- 3.3. **Lowering the load**
- 3.3.1. Ensure the Axle Stands are removed and that there are no persons or obstacles beneath the vehicle, or in the path of its descent.
- 3.3.2. The lowering speed is controlled by the amount you turn the release valve anti-clockwise. Lower carefully, avoiding sudden release.

4. MAINTENANCE

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

- 4.1. When the Jack is not in use, ensure the ram and the handle socket are in the lowest position to minimise corrosion. Remove the handle to inactivate 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, Pump jack up to full height. Check to see if there is any oil left in the tank. If there is oil left, pour it off. If jack does not reach full height add oil. After adding oil always pour off any excess when jack is at full height.
 - 4.4. After a year of extensive use, the oil should be replaced in order to extend the life of your equipment. To drain the oil, remove the filler cap and valve. Make sure that no dirt is allowed to enter the oil. Refill as in 4.3. above.
- WARNING! DO NOT** use brake fluid as this may cause serious damage to the Jack and will invalidate the warranty! Only use a good quality Jack oil, such as SEALEY HYDRAULIC JACK OIL.
Note: Ensure waste oil is disposed of in accordance with local authority regulations.
- 4.5. Before each use check for broken, cracked, bent, or loose parts, or any visible damage to welds, 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 load or shock. Inspect and take appropriate action.
 - 4.6. Every three months remove the locking rings on the caster wheels and lubricate the ball bearings with acid free grease.
 - 4.7. Periodically check the pump piston and piston rod for signs of corrosion. Clean exposed areas with a clean oiled cloth.

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THE MACHINE.

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.

De-commissioning the Jack

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

5. TROUBLE SHOOTING

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 air vent (if fitted) 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 air vent (if fitted) 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 air vent (if fitted) 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 it's full height by hand. Open the release valve to lower arm 3) Open release valve and air vent (if fitted) 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 open 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 air vent (if fitted) 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 still closed	1) Check and fully open release valve

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

Low Entry 2 Ton Trolley Jack Model 2000LE.

93/68/EEC CE Marking Directive
89/392/ Machinery Directive (S.I. 1992/3073 & Amendments)



The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd

Signed by John Sealey

27th August 2004

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

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 equipment

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: Call us for a copy of our latest catalogue on 01284 757525 and leave your full name and address including your postcode.



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