



INSTRUCTIONS FOR:
2 TON LOW ENTRY TROLLEY JACK
 MODEL NO: **2000LE.V2**

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: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT 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 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 li
- ✓ Use jack on solid, level ground, such as concrete. *Avoid tarmacadam as jack may sink in.*
- ✓ The jack should be positioned so as to avoid the user having to operate it under the vehicle.
- ✓ 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 that the lifting point can be observed during the course of the lifting process, *so that any movement of jack saddle on jacking point can be seen.*
- ✓ 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.
- ✗ DO NOT operate the jack if damaged.
- ✗ DO NOT allow untrained persons to operate the jack.
- ✗ DO NOT exceed the rated capacity of the Jack.
- ✗ **WARNING! DO NOT** allow the vehicle to move during jacking.
- ✗ **DO NOT** use the jack on sloping surfaces.
- ✗ **DO NOT** use the jack to move vehicle.
- ✗ **DO NOT** jack vehicle if it may result in spillage of fuel, battery acid, or dangerous substances.
- ✗ **DO NOT** work under the vehicle until axle stands have been correctly positioned.
- ✗ **DO NOT** use the jack for purposes other than that for which it is designed.
- ✗ **DO NOT** top up system with brake fluid. Use hydraulic oil only.
- ✗ **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

2.1 Introduction

The closed height of just 70mm is almost half that of traditional trolley jacks. Suitable for accessing jacking points on low-slung vehicles such as sports and custom cars. 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. A central single wheel supports the unladen jack for improved manoeuvrability and easier storage.

2.2 Specification

Model No:	2000LE.V2
Capacity2 ton
Minimum Saddle Height48mm
Maximum Saddle Height520mm
Maximum Chassis Height135mm
Length.920mm
Weight43kg

3. OPERATING INSTRUCTIONS

3.1. Before first use.

Insert the handle into the socket and align the screw hole in the base of the handle with the slot in the socket. Insert the retaining screw and tighten it. Turn the handle anti-clockwise until the screw drops into the central position at the right-hand end of the slot. Before using the jack, purge the hydraulic circuit in order to eliminate any air that may have accumulated in the system during transit as follows: Lift the handle out of the central position and turn it clockwise. Holding the handle in this position pump the jack several times. Release the handle which will automatically return to the central position. The jack is now ready for use.

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 The jack arm can be raised by either pumping the handle up and down until the jack has reached the required height, or by pumping the foot pedal. Return to using the handle when the saddle contacts the jacking point.
- 3.2.4 Should the jack become overloaded, a safety excess pressure valve will open, and stop the jack 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 To lower the load, turn the handle slowly clockwise. The jack is fitted with a safety device that automatically controls the speed of descent at a rate dependent on the size of the load.
- 3.3.3 After use ensure the lifting beam is fully retracted.

4. MAINTENANCE

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

- 4.1. When the jack is not in use, ensure it is in the lowest position to minimise corrosion on the ram piston. Remove the handle to inactivate jack.
 - 4.2. Keep the jack clean and lubricate all moving parts on a regular basis.
 - 4.3. To check the oil level, first remove the recessed cover which covers the hydraulic unit. Ensure the piston is fully retracted then remove the rubber filler plug. Pour off the existing oil into a container and return the jack to the horizontal position. Refill the unit with 250cm³ (1/4 Litre) of Sealey Hydraulic Jack Oil and refit the rubber plug and metal cover.
 - 4.4. After a year of extensive use, the oil should be replaced in order to extend the life of your equipment. Drain the existing oil off and refill as described 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 lubricate the ball bearings on the caster wheels with 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. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load.	<ol style="list-style-type: none"> 1) Jack overloaded. 2) Oil level low. 3) Release valve not fully closed. 4) Air in system. 5) Piston sticking. 6) Packing worn or defective. 	<ol style="list-style-type: none"> 1) Use a jack with adequate capacity. 2) Replenish oil as described in Section 4.3. 3) Close release valve. 4) Bleed system as described Section 3.1. 5) Clean piston and replace oil as described in Section 4.3. 6) Return jack to local service agent.
Jack does not lift high enough or feels spongy.	<ol style="list-style-type: none"> 1) Oil level too high or too low. 2) Worn seals. 3) Air in system. 4) Release valve not closed. 	<ol style="list-style-type: none"> 1) Replenish oil as described in Section 4.3. 2) Return jack to local service agent. 3) Bleed system as described Section 3.1. 4) Close release valve.
Jack lifts poorly.	<ol style="list-style-type: none"> 1) Pump packing or valves faulty. 2) Dirty oil. 3) Air in system. 	<ol style="list-style-type: none"> 1) Return jack to local service agent. 2) Replenish oil as described in Section 4.3. 3) Bleed system as described Section 3.1.
Jack lifts but will not hold load.	<ol style="list-style-type: none"> 1) Release valve not fully closed. 2) Dirt on valve seats. 3) Air in system. 4) Faulty seals. 5) Packing worn or defective. 	<ol style="list-style-type: none"> 1) Close release valve. 2) Lower jack, close release valve. Put foot on front wheel, and pull up lifting arm to full height by hand. 3) Bleed system as described Section 3.1. 4) Return jack to local service agent. 5) Return jack to local service agent.
Jack will not lower completely.	<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 not fully open. 6) Jack spring damaged. 	<ol style="list-style-type: none"> 1) Oil all external moving parts. 2) Return jack to local service agent. 3) Return jack to local service agent. 4) Bleed system as described Section 3.1. 5) Fully open release valve. 6) Replace spring or return jack to local service agent.

6. DECLARATION OF CONFORMITY

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

**Low Entry 2 Ton Trolley Jack
Model 2000LE.V2**

93/68/EEC CE Marking Directive
2006/42/EC Machinery Directive



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.

Signed by Mark Sweetman 9th November 2007

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 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 latest promotions call us on 01284 757525 and leave your full name, address and postcode.

SEALEY Quality MACHINERY
Sole UK Distributor
Sealey Group,
Bury St. Edmunds, Suffolk.

01284 757500
01284 703534

www.sealey.co.uk
sales@sealey.co.uk