

Thank you for purchasing a Sealey jack. This product is 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.

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 unapproved parts may be dangerous and will invalidate the warranty.
- ✓ Keep the jack clean for best and safest performance.
- ✓ Locate the jack in an adequate, well lit working area for its function.
- ✓ Keep working area clean and tidy and free from unrelated materials.
- ✓ Use jack on level and solid ground, preferably concrete. *Avoid tarmacadam since jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure wheels of Jack can freely move*).
- ✓ Ensure the vehicle handbrake is engaged, the transmission in gear (or in "PARK" mode), and switch the engine off.
- ✓ Ensure minimum distance of 0.5m between vehicle tilt and 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.*
- ✓ Use correctly rated axle stands under the vehicle before proceeding with any task.
- ✓ Use an approved service agent to lubricate and maintain the jack.
- ✓ Confirm that the recommended *hydraulic 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 DO NOT allow the vehicle to move during jacking.
- x DO NOT use the jack to move vehicle.
- x DO NOT jack a vehicle if it may result in the 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 alter the pressure control valve.
- ✓ Store jack in a dry, child proof area when not in use, and in its down position.
- ✓ Ensure that you can see the saddle and vehicle lifting point at all times during jacking.

2. SPECIFICATION

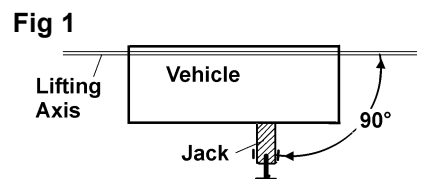
Model No.	7500.V2	Maximum Chassis Height	390mm
Capacity	7.5ton	Maximum Length	1735mm
Minimum Saddle Height	180mm	Weight	154kg
Maximum Saddle Height	960mm		

3. ASSEMBLY

- 3.1. Loosen the thumbscrew at the side of the handle base.
- 3.2. Insert jack handle and tighten thumbscrew until it catches the groove in the handle.
- 3.3. Check that the handle can be lifted and turned about 20mm.

4. OPERATING INSTRUCTIONS

- 4.1 Before using the jack, purge the hydraulic circuit in order to eliminate any possible air in the system.
 - a) Open the release valve.
 - b) Pump the handle several times to ensure full internal lubrication and to bleed any air from the system.
 - c) Release the handle to close the release valve when done.
- 4.2. Prepare the vehicle as mentioned in the safety instructions ensuring the ground on which the jack is to stand is level and solid (not tarmacadam).
- 4.3. Position the jack saddle under the vehicle manufacturer's recommended lifting point. Ensure that the jack is at a right angle to the vehicle (90°).
 Deviations either side of the 90° will exert progressive stress on the lifting arm which is dangerous (see fig 1).
- 4.4. Pump the handle up and down using maximum strokes so that the saddle quickly reaches the working height. The foot pedal may also be used for the same purpose.



- 4.5. Should the jack become overloaded, a safety excess pressure valve will open, and stop the vehicle from lifting.
- 4.6. **Weight Distribution**
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. To give added support, boards may be placed beneath the jack wheels.
- 4.7. **Lowering the load**
The handle is spring loaded and will automatically position itself for lowering. The lowering speed is controlled by the amount you turn the handle. Lower carefully, avoiding sudden release. Ensure there are no persons or obstacles beneath the vehicle, or in the path of its descent.



IMPORTANT SAFETY REMINDERS. Before lifting ensure:

- a) Vehicle is clear of passengers. Transmission is in gear (or "Park" for automatic transmission) and handbrake engaged.
- b) Vehicle must be positioned on a **HARD LEVEL SURFACE**, with wheels securely chocked to prevent it from moving. The jack wheels however, must be free and able to move during lifting.
- c) **ALWAYS USE AXLE STANDS** when vehicle is elevated.
- d) Consult your vehicle handbook to confirm position to place the Jack saddle.
- e) If other items are coupled to the load to be lifted i.e. trailers, farm equipment etc., remove the coupled items and place in a safe location.

5. MAINTENANCE

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

- 5.1. When the jack is not in use, the ram and the handle socket should be in their lowest position.
Remove the handle to deactivate jack.
- 5.2. Keep the jack clean and lubricate all moving parts with on a regular basis.
- 5.3. To check the oil level, fully lower the jack. Remove filler plug. The correct oil level should be approximately 10mm below the filler opening. If oil level is low, fill as required.
Note: Use a good quality jack oil, such as SEALEY HYDRAULIC OIL.
WARNING: DO NOT use brake fluid, or any fluid other than hydraulic fluid as this may cause serious damage to the Jack and will invalidate the warranty!
- 5.4. Every three months remove the locking rings on the caster wheels and lubricate the ball bearings with grease.
- 5.5. 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 hydraulic system's oil.
- 5.6. Periodically check the pump piston and piston rod for signs of corrosion. Clean exposed areas with a clean oiled cloth.

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.

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.

6. TROUBLE SHOOTING

THE PROBLEM	THE CAUSE	THE SOLUTION
Jack will not lift high enough.	1. Insufficient oil level. 2. Safety overload valve activated.	1. Check the oil level, see 5.3. above. 1. After several years of use the packings may be worn, in this case replace with an original repair kit. 2. The load is too heavy for the jack.

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.

MODEL: 7500.V2 High Lift Jack
93/68/EEC
CE Marking Directive
98/37/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 Tim Thompson

Date 10th August 2006

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.



Sole UK Distributor
Sealey Group,
Bury St. Edmunds, Suffolk.

☎ 01284 757500
☎ 01284 703534



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