



INSTRUCTIONS FOR: TROLLEY JACK PREMIER LONG REACH

Model No: **TJ3.V3**

Your new jack is produced and manufactured to a high standard of dependability and 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 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/adam as jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure that wheels of jack can freely move*).
- ✓ Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear (or "Park" if automatic).
- ✓ Ensure minimum distance of 0.5mtr 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 under those lifting points recommended by vehicle manufacturer (*see vehicle handbook*).
- ✓ 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 that there are no persons or obstructions beneath the vehicle before lowering.
- ✓ Use a qualified person to maintain or repair the jack's 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 the 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 the 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 that you can see the saddle and jacking point throughout the jacking operation in case there is any relative movement.
- ❑ **WARNING:** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

2. SPECIFICATION

Model:TJ3
Capacity.....3ton
Min. saddle height140mm
Max. saddle height506mm
Max. chassis height.....170mm
Length.....1170mm
Weight50kg

3. BEFORE USE

- 3.1 Assemble the handle.
Insert the handle into the socket and fix it with the screw provided.
- 3.2 Check oil level.
 - 3.2.1 Ensure the jack is resting on level ground and that the ram is fully retracted. Hold open the release valve for 10 seconds by lifting and turning the handle clockwise.
 - 3.2.2 Remove the access plate from the top of the jack. Identify the filler plug in the top surface of the main barrel and remove it. The oil level should be level with the bottom of the filler hole.
 - 3.2.3 If necessary, top up with hydraulic oil. Use only Sealey hydraulic jack oil (see your authorised Sealey dealer).
- 3.3 Purge the hydraulic system. Pull the handle up, turn it clockwise and whilst held in this position pump the handle up and down 10 to 15 times to ensure internal lubrication and bleed accumulated air from the system.
 - 3.3.1 When the handle is released it will automatically return to its original position.
 - 3.3.2 Refit the filler plug and the top access plate. The jack is now ready for use.

4. OPERATION

- 4.1 **Lifting** (Do not attempt to lift a vehicle which is heavier than the rating of the jack).
NOTE: The jack is fitted with an overload valve which is factory set and under no circumstances must it be tampered with. If the nominal capacity of the jack is exceeded the overload valve will prevent further lifting.
 - 4.1.1 Before raising a vehicle ensure the hand brake is on and chock the vehicle wheels.
 - 4.1.2 Jacking operations should only be carried out on solid ground such as concrete. The jacking area should be free from spillages and debris.
 - 4.1.3 Pump the handle up and down through its full stroke to raise the lifting arm close to the jacking point.
 - 4.1.4 Alternatively use the foot pedal to rapidly raise the saddle to the point of load contact.
 - 4.1.5 Position the lifting saddle of the jack under one of the vehicles specified lifting points (check vehicle manufacturer's recommendations).
 - 4.1.6 Ensuring that the point of load contact is stable, continue pumping the handle up and down through its full stroke to raise the vehicle to the desired height.

- 4.1.7 Position suitably rated axle stands beneath the vehicle and lower the jack slightly so that the weight is taken by the axle stands and not the jack.
- 4.2 **Lowering** Raise the jack a small amount to free the axle stands and remove them.
- 4.2.1 Before lowering the jack, be sure that the area beneath the vehicle is clear of any persons/obstructions.
SLOWLY open the release valve by lifting and rotating the handle clockwise. Hold the handle in this position until the jack is fully lowered. Release the handle to allow it to automatically return to its original position.
- 4.2.2 The jack is fitted with a safety device that ensures smooth and uniform lowering.
- 4.2.3 When the lifting arm is in its lowest position, remove the jack from under the vehicle.
- 5.6 Following a period of prolonged intensive use the hydraulic oil should be completely changed. Remove the filler plug and drain all the oil from the jack into a suitable container. Refill with Sealey hydraulic oil using the exact quantity stated below.
Oil capacity: TJ3 - 0.41 ltr

5. MAINTENANCE

- 5.1 Maintenance and repair of the jack may only be carried out by personnel qualified in the servicing of hydraulic systems. Should your jack be defective or you suspect the jack to be damaged or in any way unsafe, remove from service immediately and contact your authorised Sealey dealer for advice and repairs.
- 5.2 When the jack is not in use, keep the ram fully retracted and the release valve closed.
- 5.3 Clean the jack regularly and oil/grease all pivoting sections every 3 months (more often if using jack in extremely dry/dusty conditions)
- 5.4 Frequently check hydraulic oil level (see section 3.2). Never top up the hydraulic system with brake fluid. Use hydraulic jack oil only. **IMPORTANT.** Overfilling the jack may render it inoperative.
- 5.5 Check the piston and piston rod periodically for signs of rust/corrosion.

6. TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Jack does not lift.	<ol style="list-style-type: none"> 1. Release valve is open. 2. Low or no hydraulic fluid in reservoir. 3. Air locked system. 4. Overload valve has operated. 5. Delivery valve and/or bypass valve malfunctioning. 6. Packing worn out or defective. 	<ol style="list-style-type: none"> 1. Verify the release valve is closed by the position of the handle. Release valve may need cleaning. 2. Fill with Sealey hydraulic oil and bleed system. 3. Bleed system. 4. Use appropriate higher rated jack. 5. Clean jack to remove dirt and foreign matter. Replace hydraulic oil. 6. Replace packing.
Jack will not lift all the way.	<ol style="list-style-type: none"> 1. Too much or not enough hydraulic oil. 	<ol style="list-style-type: none"> 1. Check hydraulic oil level.
Jack will only lift slowly.	<ol style="list-style-type: none"> 1. Pump not working correctly. 2. Leaking seals. 	<ol style="list-style-type: none"> 1. Renovate pump. 2. Replace seals.
Jack lifts load but will not hold it.	<ol style="list-style-type: none"> 1. Cylinder packing is leaking. 2. Valve not working correctly (Suction, delivery, delivery, release or bypass). 3. Air locked system. 	<ol style="list-style-type: none"> 1. Replace packing. 2. Inspect valves, replace if necessary. 3. Bleed system.
Jack leaks hydraulic fluid.	<ol style="list-style-type: none"> 1. Worn or damaged seals. 	<ol style="list-style-type: none"> 1. Replace seals.
Jack will not retract.	<ol style="list-style-type: none"> 1. Release valve is closed. 	<ol style="list-style-type: none"> 1. Open the release valve by pulling on and turning the handle clockwise. May be necessary to clean release valve.
Jack retracts only slowly.	<ol style="list-style-type: none"> 1. Cylinder damaged internally. 2. Return spring(s) damaged. 3. Link section is binding. 	<ol style="list-style-type: none"> 1. Return jack to authorised service centre. 2. Replace return spring(s). 3. Lubricate link sections.

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

**Trolley Jack
Model No: TJ3.V3**

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



The construction files 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

2nd April 2008

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