TROLLEY JACK 3 TONNE LOW PROFILE LONG REACH ROCKET LIFT

MODEL NO: **3000SER**

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: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

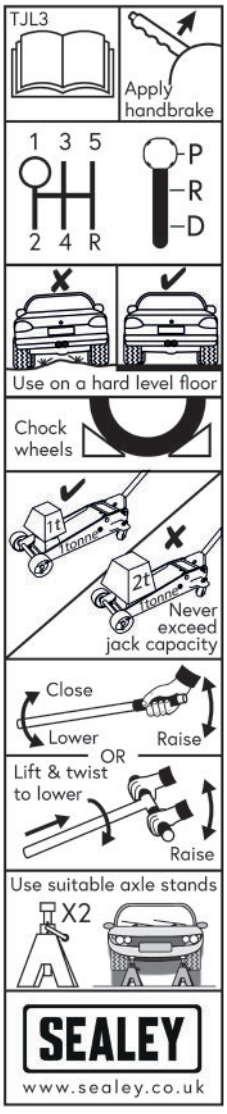


Refer to instruction manual



Wear safety footwear

1. SAFETY



- ❑ **WARNING!** Please note that the handle socket of this jack is retained under tension and must be released before use. Caution should be taken when releasing, as the handle socket will suddenly raise to its upright position if not controlled.
- ✓ The user shall work only in accordance with this instruction manual.
- ✓ The operator shall be provided with all necessary information about training and about pumping and translating forces.
- ✓ 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. **DO NOT** modify the jack. The use of non-genuine parts may be dangerous and will invalidate the warranty.
- ✓ Locate the jack in a suitable, well lit working area.
- ✓ Keep working area clean and tidy and free from unrelated materials. Use jack on level and solid ground, preferably concrete. Avoid tarmacadam as jack may sink in.
- ✓ Chock wheels of vehicle.
- ✓ Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear (or “PARK” if automatic).
- ✓ Ensure minimum distance of 0.5m between vehicle and static objects such as doors, walls, etc. to allow for vehicle tilting.
- ✓ Ensure all non-essential persons keep a safe distance whilst the jack is in use.
- ✓ Ensure there are no passengers in the vehicle.
- ✓ It is necessary that the operator can watch the lifting device and the load during all movements.
- ✓ Place jack under only those lifting points recommended by vehicle manufacturer (see vehicle handbook).
- ✓ 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 obstructions beneath the vehicle before lowering.
- ✓ It is not allowed to work under the raised load until it is secured by suitable means. Use suitable axle stands under the vehicle before proceeding with any task.
- ✓ Use a qualified person to lubricate and maintain the jack.
- ✓ Ensure that only hydraulic jack oil is used in the jack.
- × **DO NOT** operate the jack if damaged.
- × **DO NOT** allow untrained persons to operate the jack.
- × **DO NOT** operate the jack when tired or under the influence of drugs, alcohol or intoxicating medication.
- × **DO NOT** exceed the rated capacity of the jack.
- × **DO NOT** allow the vehicle to move during lifting or lowering, or use the jack to move the vehicle.
- × **DO NOT** jack vehicle if there is a risk of spillage of fuel, battery acid, or other dangerous substances.
- × **DO NOT** work under the vehicle until appropriately rated axle stands have been correctly positioned.
- × **DO NOT** use the jack for purposes other than that for which it is intended.
- × **DO NOT** top up hydraulic system with brake fluid. Use hydraulic jack oil only. (Sealey Part No: HJO500MLS or HJO5LS)
- × **DO NOT** adjust the safety overload valve.
- ✓ When not in use store jack, fully lowered, in a safe, dry, childproof area.
- ✓ If more than 400N of effort is generated in lifting, the efforts shall be lowered by an additional person.
- ✓ Jacks shall be maintained and repaired in accordance with the manufacturer’s instructions. Such maintenance and repair shall be carried out by qualified persons.
- ✓ No modifications shall be carried out which adversely affect the compliance of the jack with the standard.
- ✓ Check the state of the markings and that the markings remain as the initial one.

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2. INTRODUCTION

Versatile lifting range, low entry minimum saddle height 100mm, maximum saddle height 535mm. Long Reach 780mm chassis length for better access. Twin piston rocket lift, brings the lifting arm straight into contact with the jacking point with minimal pumps. Heavy-duty castors and extra-large saddle design, allows ease of positioning under the vehicle protective jack handle sleeve to help prevent accidental damage to car bodywork when pumping the handle. Heavy-duty chassis, with strengthening flanges along the side, for extra torsional rigidity under load. Fitted with safety overload and pump-through valve, preventing the handle locking at maximum ram extension.

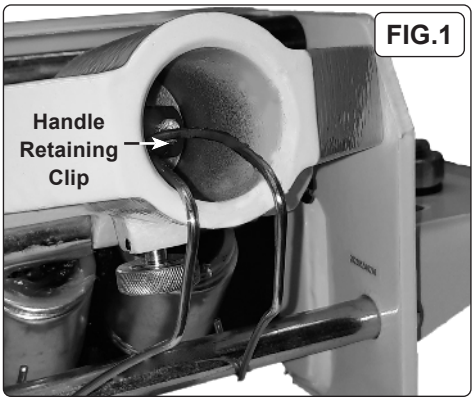
3. SPECIFICATION

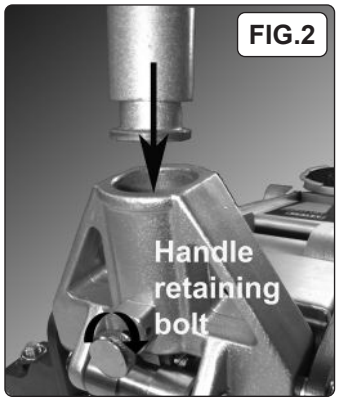
Model No:	3000SER
Applicable Standards:	EN1494
Capacity:	3 Tonne
Replacement Rubber Jack Pad:	JP11
Length:	780mm
Maximum Chassis Height:	170mm

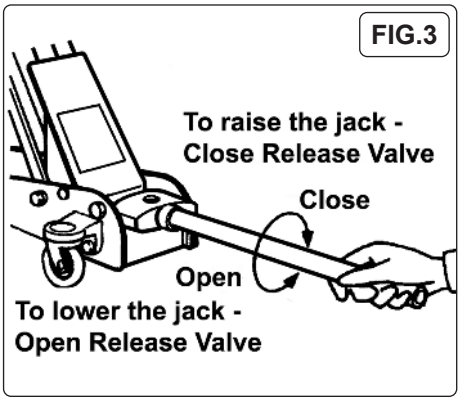
Maximum Saddle Height:	535mm
Minimum Saddle Height:	100mm

4. OPERATION

❑ **WARNING!** Before use ensure you have read, understood and applied Section 1 safety precautions.
IMPORTANT: Before use, the operator is to visually inspect the jack for cracked welds, damaged or missing parts or hydraulic leaks.







4.1. RELEASING THE RETAINING CLIP (FIG.1)

❑ **WARNING!** The handle socket will raise quickly. **DO NOT** place your hand on the top of the handle socket or injury may occur.

4.1.1. Seek assistance from a second person if required.
4.1.2. Insert a prybar or large screwdriver into the handle socket to aid in releasing pressure in the handle socket.
4.1.3. Push down on the handle of the prybar or screwdriver enough to release the tension in the retaining clip, hold down while removing the retaining clip from the end of the handle socket that is securing the handle socket in the down position.
4.1.4. Remove the clip from between the handle socket and the lower chassis bar.
4.1.5. Using the prybar or screwdriver, gently and in a controlled manner slowly allow the handle socket to raise to it's upright position.

4.2. BEFORE USE

4.2.1. Insert the upper handle into the lower handle.
4.2.2. Insert the handle into the handle socket.
4.2.3. Tighten the handle retaining bolt (FIG.2).
4.2.4. Ensure the handle is secure and fully engaged with the release valve.

4.3. HYDRAULIC SYSTEM PURGING

4.3.1. Open the release valve by turning it one full turn counter-clockwise.
4.3.2. Pump the handle 20 times.
4.3.3. Close the release valve by turning it clockwise.

4.4. RAISING A VEHICLE

4.4.1. Ensure that the jack and the vehicle are on a hard, level surface.
4.4.2. Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear (or "PARK" if automatic).
4.4.3. Consult the vehicle manual to determine the location of jacking points.
4.4.4. Position the jack under a suitable lifting point.
4.4.5. Turn the handle clockwise, to the closed position. **DO NOT** over-tighten.
4.4.6. Raise the vehicle to the desired height.
4.4.7. Place axle stands beneath the locations recommended by the vehicle manufacturer.
4.4.8. Turn the release valve anticlockwise slowly to lower the vehicle on to the axle stands.

4.5. LOWERING A VEHICLE

❑ **WARNING: Ensure that the area below the vehicle is clear before lowering.**

4.5.1. Turn the release valve clockwise to the closed position.
4.5.2. Pump the handle to raise the vehicle off the axle stands.
4.5.3. Remove the axle stands from beneath the vehicle.
4.5.4. Turn the release valve slowly anticlockwise to lower the vehicle to the ground in a controlled manner.
NOTE: When not in use, always leave the saddle and ram fully retracted.

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5. MAINTENANCE

IMPORTANT: Only fully qualified personnel should attempt maintenance or repair. Jacks shall be maintained and repaired in accordance with the manufacturer's instructions. Such maintenance and repair shall be carried out by qualified persons. No modifications shall be carried out which adversely affect the compliance of the jack with the standard. Check the state of the markings and that the markings remain as the initial one.

5.1. MONTHLY MAINTENANCE

5.1.1. Lubricate the ram, the linkages and the saddle and pump mechanism with light oil.
5.1.2. Grease the wheel bearings and axles.
5.1.3. Lubricate the castors with light oil.
5.1.4. Keep all jack surfaces and warning labels clean.
5.1.5. Check and maintain the ram oil level (see below).

5.2. THREE MONTHLY MAINTENANCE

5.2.1. At three monthly intervals, check the ram for any signs of rust or corrosion. Clean the ram as required and wipe with an oiled cloth.

5.3. CHECKING OIL LEVEL

5.3.1. Retract the ram fully by turning the release valve counter-clockwise.
5.3.2. With the jack level, remove the oil filler plug, located on the ram body underneath the top plate. Remove 4 screws to access. The oil should be level with the bottom of the oil filler hole. If it is not top up with clean hydraulic jack oil. (Sealey Part No: HJO500MLS or HJO5LS)
5.3.3. Replace the oil filler plug and check the jack operation. Refit top plate.
5.3.4. Purge air from the hydraulic unit as required.

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THIS PRODUCT.
Owing to their size and weight, hydraulic products should ideally be repaired by local service agents. We have service / repair agents in most parts of the UK. Before returning your product please call our technical helpline on **01284 757505** for advice and troubleshooting guidance. If the jack is under guarantee please contact your stockist.

6. TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
Jack will not lift to full height.	Oil level low.	Check/top up oil level.
Jack will not hold the load.	Release valve not closed.	Contact authorised service agent.
	Hydraulic jack oil is contaminated.	
	Pump valves not sealing.	
Lift arm will not lower.	Cylinder ram binding.	Contact authorised service agent.
	Parts worn.	
	Internal component damage.	
	Broken or unhooked return spring.	
	Lift arm linkage either bent or binding.	
Jack feels spongy when lifting.	System requires purging.	Refer to air purge procedure.

ENVIRONMENT PROTECTION
Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

REGISTER YOUR PURCHASE HERE

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 24 months from purchase date, proof of which is required for any claim.

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