



INSTRUCTIONS FOR TROLLEY JACK LOW ENTRY ROCKET LIFT

MODEL NO: **2750LE.V2, 3250LE.V2**

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.



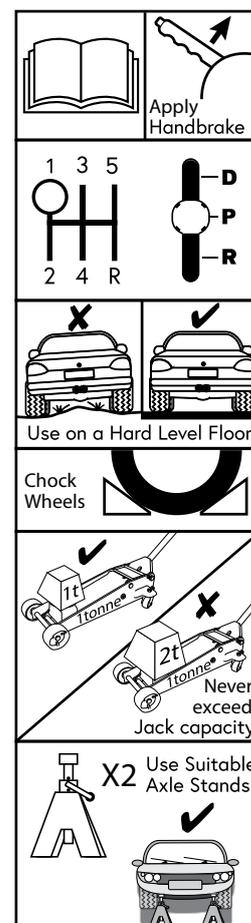
Refer to instruction manual



Wear safety footwear

1. SAFETY

- ✓ 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 working area.
- ✓ Keep working area clean and tidy and free from unrelated materials.
- ✓ Use jack on level and solid ground, preferably concrete. *Avoid tarmac 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.
- ✓ 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.
- ✓ Use suitable axle stands under the vehicle before proceeding with any task.
- ✓ Use a qualified person to lubricate and maintain the jack.
- ✗ **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.
- ✗ **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 location.



2. INTRODUCTION

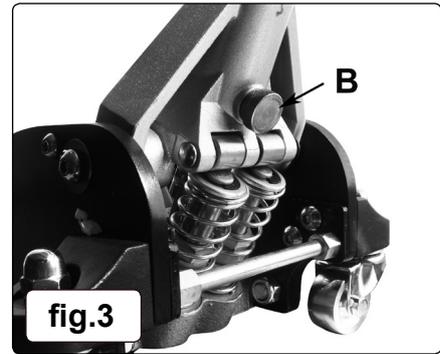
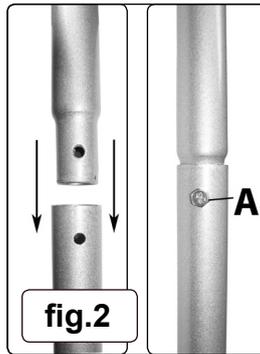
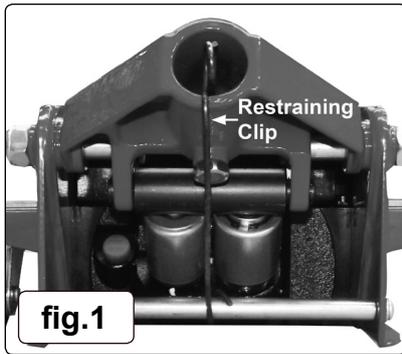
Twin piston Rocket Lift feature brings lifting arm straight into contact with the jacking point in 3-4 strokes. Universal joint release mechanism allows safer, more controlled lowering of the jack. Profiled lifting arm gives low clearance height of just 90mm x 390mm deep, making this unit suitable for sports and custom cars. Heavy-duty chassis with strengthening flanges along the side for extra torsional rigidity under load. Fitted with heavy-duty one-piece hydraulic unit with pump-through action preventing handle locking at maximum ram extension. White saddle aids positioning under vehicle and safety valve prevents overloading. Supplied with foam jacking handle sleeve to prevent damage to the vehicle's bodywork and integral saddle pad.

3. SPECIFICATION

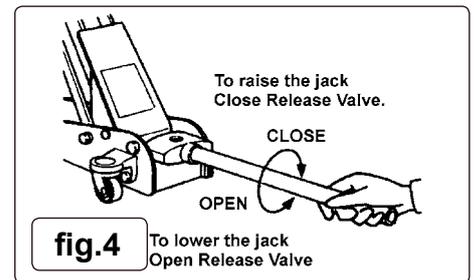
Model no: 2750LE.V2
 Capacity: 2.75 tonne (2750kg)
 Minimum saddle height: 90mm
 Maximum saddle height: 520mm
 Maximum chassis height: 145mm
 Length: 700mm
 Weight: 43kg

Model no: 3250LE.V2
 Capacity: 3.25 tonne (3250kg)
 Minimum saddle height: 90mm
 Maximum saddle height: 530mm
 Maximum chassis height: 152mm
 Length: 700mm
 Weight: 45.5kg

4. ASSEMBLY



- 4.1. Remove the restraining clip (fig.1) by pressing the pump yoke down and pulling the clip out of the socket. Carefully allow the yoke to rise under spring pressure.
- 4.2. Insert the upper handle into the lower handle. Secure the two pieces together with the bolt (Fig.2.A).
- 4.3. Undo the handle socket screw (fig.3.B) enough to allow the pump handle to be inserted into the handle socket. Insert the pump handle into the handle socket, engaging the hexagonal drive of the release valve, ensure that it is correctly inserted, then tighten the handle socket screw.
- 4.4. **Purging the hydraulic system.**
 - 4.4.1. Open the release valve (fig.4)
 - 4.4.2. Pump for 20 strokes.
 - 4.4.3. Close the release valve. If there is still air in the system, repeat the process.



5. OPERATION

- ❑ **WARNING!** Before use ensure you have read, understood and apply Section 1 Safety Instructions
- 5.1. **IMPORTANT:** Before use, the operator is to inspect the jack for cracked welds, damaged or missing parts and hydraulic leaks.
 - 5.2. **Raising a Vehicle.**
 - 5.2.1. Ensure that the jack and the vehicle are on a hard, level surface.
 - 5.2.2. Always ensure that the vehicle is immobilised and that the vehicle wheels are chocked.
 - 5.2.3. Consult the vehicle manual to determine the location of jacking points. Position the jack under a suitable lifting point.
 - 5.2.4. Turn the release valve clockwise, to the closed position (Fig.4). **DO NOT** over-tighten.
 - 5.2.5. Raise the vehicle to the desired height by pumping the handle.
 - 5.2.6. Place axle stands beneath the locations recommended by the vehicle manufacturer.
 - 5.2.7. Turn the release valve slowly anticlockwise to lower the vehicle on to the axle stands.
 - 5.3. **Lowering a Vehicle.**
 - 5.3.1. Turn the release valve clockwise to the closed position.
 - 5.3.2. Pump the handle to raise the vehicle off the axle stands.
 - 5.3.3. Remove the axle stands from beneath the vehicle.
 - 5.3.4. Turn the release valve slowly anticlockwise to lower the vehicle .
- NOTE: When not in use, ALWAYS leave the ram fully retracted.**

6. MAINTENANCE

- IMPORTANT:** Only fully qualified personnel should attempt maintenance or repair.
- 6.1. **Monthly Maintenance.**
 - 6.1.1. Lubrication is critical to jacks, since they support heavy loads. Any restriction due to dirt or rust can cause either slow jack movement or erratic movement, causing damage to the internal components. To keep the jack well lubricated, carry out the following steps.
 - 6.1.2. Lubricate the ram, the linkages and the saddle and pump mechanism with light oil.
 - 6.1.3. Grease the wheel bearings and axles.
 - 6.1.4. Keep all jack surfaces and warning labels clean.
 - 6.1.5. Check and maintain the ram oil level (Section 6.3).
 - 6.2. **Three Monthly Maintenance.**

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.
 - 6.3. **Checking the Oil Level.**
 - 6.3.1. Fully retract the ram by turning the release valve anticlockwise.
 - 6.3.2. Undo the four top plate retaining screws and remove the top plate.
 - 6.3.3. With the jack in the level position, remove the oil filler plug.
 - 6.3.4. 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).
 - 6.3.5. Replace the oil filler plug and check the jack operation.
 - 6.3.6. Purge any air from the hydraulic unit as required. Refer to Section 4.4.
 - 6.3.7. Replace the top plate and secure with the four screws.

NOTE: Always store the jack in the fully lowered position. This will protect critical areas from excessive corrosion.

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.

7. 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 closing Hydraulic jack oil is contaminated Pump valves not sealing	Contact authorised service agent
Lift arm will not lower	Cylinder ram binding Parts worn Internal component damage Broken or unhooked return spring Lift arm linkage either bent or binding	Contact authorised service agent
Jack feels spongy when lifting	System requires purging	Refer to air purge procedure in Section 4



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.

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 is required for any claim.

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