



INSTRUCTIONS FOR  
**TROLLEY JACK - 2 TONNE SHORT CHASSIS**  
 MODEL NO: **1250CX.V3**

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.



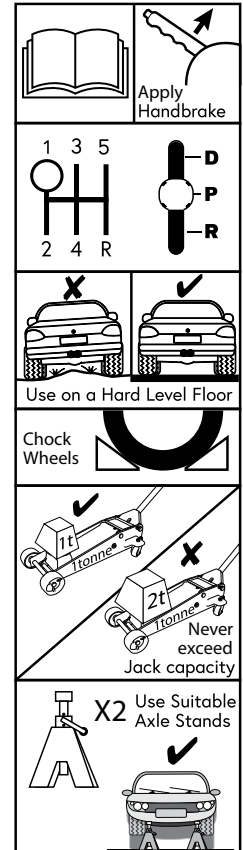
Refer to instruction manual



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/adam 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.
- ✓ 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** 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.
- \* **DO NOT** adjust the safety overload valve.
- ✓ When not in use store jack, fully lowered, in a safe, dry, childproof area.



## 2. INTRODUCTION

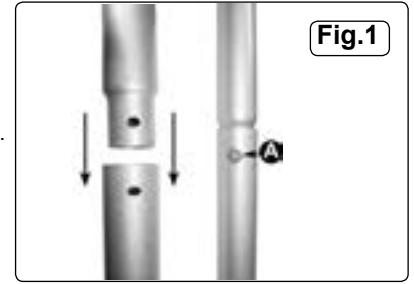
Professional and fully portable 2tonne trolley jack. Short chassis design with heavy-duty castors to assist in positioning the jack under the load. Compact design makes this jack equally suitable for workshop or recovery vehicle use. Features American cog-type integral handle release mechanism with long two-piece handle. Fitted with safety overload valve.

## 3. SPECIFICATION

Model No: ..... 1250CX  
 Capacity: ..... 2Tonne  
 Minimum Saddle Height: ..... 150mm  
 Maximum Saddle Height: ..... 495mm  
 Maximum Chassis Height: ..... 165mm  
 Length: ..... 580mm  
 Weight: ..... 28kg

## 4. ASSEMBLY

- 4.1. Insert the upper handle into the lower handle. Secure the two pieces together with the bolt (A). (Fig.1).
- 4.2. Undo the handle socket screw (B) until it no longer protrudes into the handle socket (Fig.2).
- 4.3. Undo the handle socket screw (B) until it no longer protrudes into the handle socket (Fig.2).
- 4.4. Insert the pump handle into the handle socket, engaging the square drive of the release valve.
- 4.5. Ensure that the handle is correctly inserted into the socket, then tighten the handle socket screw (B).



## 5. HYDRAULIC SYSTEM PURGING

- 5.1. Open the release valve by turning it one full turn counter-clockwise.
- 5.2. Pump the handle a minimum eight full strokes.
- 5.3. Close the release valve by turning it clockwise.

## 6. 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.

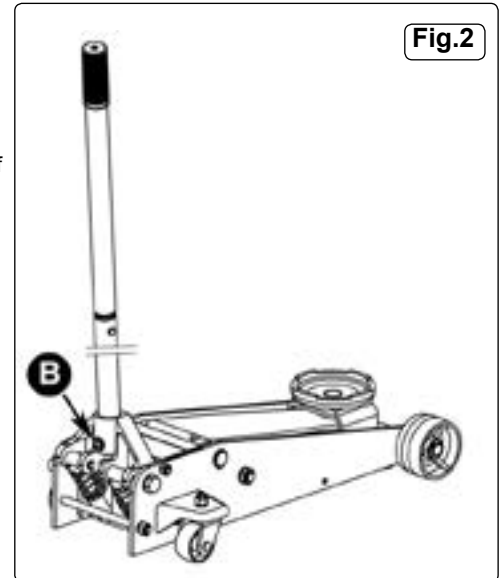
### 6.1. RAISING A VEHICLE

**NOTE:** We recommend that efforts of raising the load shall be reduced by the use of assistance during this operation.

- 6.1.1. Ensure that the jack and the vehicle are on a hard, level surface.
- 6.1.2. Always ensure that the vehicle handbrake is engaged and that the vehicle wheels are chocked.
- 6.1.3. Consult the vehicle manual to determine the location of jacking points.
- 6.1.4. Position the jack under a suitable lifting point.
- 6.1.5. Turn the release valve clockwise, to the closed position (Fig.3).
  - ✗ **DO NOT** over-tighten.
- 6.1.6. Raise the vehicle to the desired height by pumping the handle up and down.
- 6.1.7. Place axle stands beneath the locations recommended by the vehicle manufacturer.
- 6.1.8. Turn the release valve slowly counter-clockwise to lower the vehicle on to the axle stands.

### 6.2. LOWERING A VEHICLE

- 6.2.1. Turn the release valve clockwise to the closed position.
- 6.2.2. Pump the handle to raise the vehicle off the axle stands.
- 6.2.3. Remove the axle stands from beneath the vehicle.
- 6.2.4. Turn the release valve slowly counter-clockwise to lower the vehicle to the ground.



## 7. MAINTENANCE

**NOTE:** When not in use, ALWAYS leave the saddle and ram fully retracted.

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

### 7.1. MONTHLY MAINTENANCE

- 7.1.1. Lubrication is critical to jacks, since they support heavy loads. Any restriction due to dirt or rust can cause either slow jack movement, or extremely rapid jerks, causing damage to the internal components. To keep the jack well lubricated, carry out the following steps.
- 7.1.2. Lubricate the ram, the linkages and the saddle and pump mechanism with light oil.
- 7.1.3. Grease the wheel bearings and axles.
- 7.1.4. Keep all jack surfaces and warning labels clean.
- 7.1.5. Check and maintain the ram oil level (see section 7.3).

### 7.2. THREE MONTHLY MAINTENANCE

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

### 7.3. CHECKING THE OIL LEVEL (Fig.4)

- 7.3.1. Fully retract the ram by turning the release valve counter-clockwise.
- 7.3.2. With the jack in the level position, remove the oil filler plug.
- 7.3.3. The oil should be level with the bottom of the oil filler hole. If it is not, top up with clean hydraulic jack oil.
- 7.3.4. Replace the oil filler plug and check the jack operation.
- 7.3.5. Purge air from the hydraulic unit as required. Refer to Section 4.

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

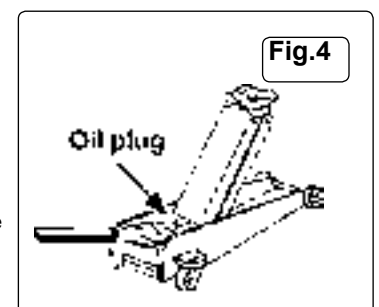
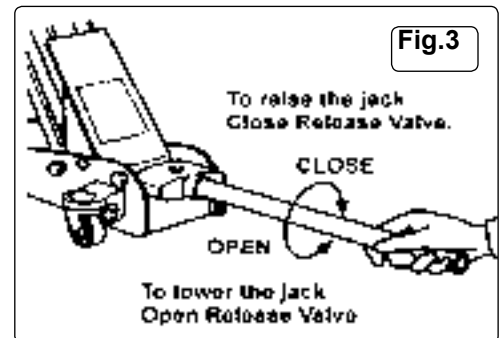
**NOTE:** Use a good quality jack oil, such as SEALEY HYDRAULIC JACK OIL.

- ❑ **WARNING! DO NOT** use brake fluid, or any fluid other than hydraulic jack fluid as this may cause serious damage to the jack and will invalidate the warranty!

**NOTE:** 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 you can also contact your local stockist.



## 8. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load	<ol style="list-style-type: none"> <li>1) Overloaded</li> <li>2) Oil level low</li> <li>3) Release valve not correctly closed</li> <li>4) Air in system</li> <li>5) Piston rod not functioning</li> <li>6) Packing worn or defective</li> </ol>	<ol style="list-style-type: none"> <li>1) Be sure to use jack with adequate capacity.</li> <li>2) Top up oil level.</li> <li>3) Check and close release valve.</li> <li>4) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try.</li> <li>5) Clean and replace oil.</li> <li>6) Replace packing.</li> </ol>
Jack does not lift high enough or feels "spongy"	<ol style="list-style-type: none"> <li>1) Oil level too high or too low</li> <li>2) Worn seals</li> <li>3) Air in system</li> <li>4) Release valve not closed</li> </ol>	<ol style="list-style-type: none"> <li>1) Fill or remove excess oil.</li> <li>2) Return jack to local service agent.</li> <li>3) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try.</li> <li>4) Check and close release valve.</li> </ol>
Jack lifts poorly	<ol style="list-style-type: none"> <li>1) Pump packing or valves malfunctioning</li> <li>2) Oil is dirty</li> <li>3) Air in the system</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace packing and/or clean valves.</li> <li>2) Replace oil.</li> <li>3) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try.</li> </ol>
Jack lifts but will not hold load	<ol style="list-style-type: none"> <li>1) Release valve partially open</li> <li>2) Dirt on valve seats</li> <li>3) Air in system</li> <li>4) Faulty seals</li> <li>5) Packing worn or defective</li> </ol>	<ol style="list-style-type: none"> <li>1) Check and close release valve.</li> <li>2) Lower jack, close release valve. Place foot on front wheel and pull up lifting arm to its full height by hand. Open the release valve to lower arm.</li> <li>3) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try.</li> <li>4) Replace packing or contact local service agent.</li> <li>5) Replace packing.</li> </ol>
Jack will not lower completely	<ol style="list-style-type: none"> <li>1) Unit requires lubrication</li> <li>2) Piston rod bent or damaged</li> <li>3) Jack frame/link system distorted due to overloading/poor positioning</li> <li>4) Air in system</li> <li>5) Release valve partially open</li> <li>6) Jack spring damaged</li> </ol>	<ol style="list-style-type: none"> <li>1) Oil all external moving parts.</li> <li>2) Replace rod or contact local service agent.</li> <li>3) Replace damaged parts or contact local service agent.</li> <li>4) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try.</li> <li>5) Check and fully open release valve.</li> <li>6) Replace spring or contact local service agent.</li> </ol>
Jack does not lower at all	<ol style="list-style-type: none"> <li>1) Release valve still closed</li> </ol>	<ol style="list-style-type: none"> <li>1) Check and fully open release valve.</li> </ol>



### 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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