



3TONNE STANDARD CHASSIS TROLLEY JACK

MODEL NO: **3290CX.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 protective 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 recommended parts only. The use of improper parts may be dangerous and will invalidate the warranty.*
- ✓ 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 tarmac/adam as the jack may sink in.*
- ✓ Place wedges under wheels of vehicle (*but ensure wheels of jack can move freely*).
- ✓ Ensure the vehicle handbrake is engaged (or in "PARKED" mode), and switch the engine off.
- ✓ Ensure minimum distance of 0.5m between vehicle tilt & 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.
- ☐ **WARNING:** *The jack is a lifting device only.*
- ✓ To support the load always use axle stands (available from your Sealey stockist).
- ✓ Ensure there are no persons or obstruction beneath the vehicle before lowering.
- ✓ Use a competent person to lubricate and maintain the jack.
- ✓ Use only *hydraulic jack oil* during maintenance.
- ✓ When not in use store jack in a safe, dry, child proof area in the lowered position.
- ✗ **DO NOT** jack vehicle which may result in spillage of fuel, battery acid, or dangerous substances.
- ✗ **DO NOT** work under the vehicle until axle stands have been correctly positioned.
- ✗ **DO NOT** operate the jack if damaged.
- ✗ **DO NOT** adjust the safety overload valve.
- ✗ **DO NOT** exceed the rated capacity of the jack.
- ✗ **DO NOT** allow the vehicle to move whilst lifting or lowering.
- ✗ **DO NOT** use the jack for purposes other than which it is intended.
- ✗ **DO NOT** use the jack to move vehicle.
- ✗ **DO NOT** top up the hydraulic unit with brake fluid. Use hydraulic oil only.
- ✗ **DO NOT** allow untrained persons to operate the jack.

2. INTRODUCTION

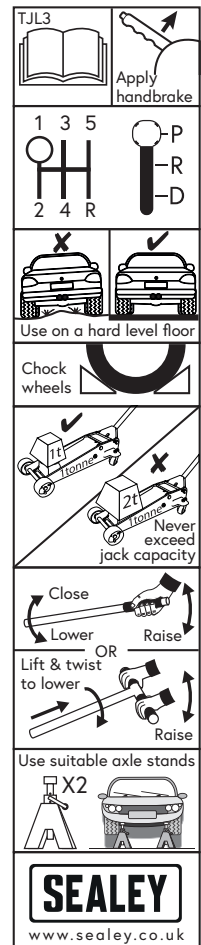
Single-piece hydraulic unit. Integral American cog-type release mechanism and long two-piece handle to reduce operator effort. Heavy-duty castors and large saddle design ease positioning under vehicle. Fitted with safety overload valve and pump-through valve to prevent handle locking at maximum ram extension. Under 30kg Gross weight for easier transportation and manoeuvrability.

3. SPECIFICATION

Model no **3290CX.V2**
 Capacity 3tonne/3000kg
 Minimum saddle height 130mm
 Maximum saddle height 465mm
 Maximum chassis height 175mm
 Length 572mm
 Optional rubber jack pad

4. ASSEMBLY

- 4.1. Line up the holes in the two piece handle and fasten with the assembly screw.
- 4.2. Loosen location bolt at the side of the handle base. Insert jack handle and tighten the bolt.



5. OPERATION

NOTE: Before using the jack, purge hydraulic circuit in order to eliminate any possible air in the system by turning the handle anti-clockwise to open the release valve and pumping 15 to 20 times (fig.1). At the end of the last downward stroke shut the valve off again by turning the handle clockwise.

5.1. GENERAL

- **WARNING!** Before lifting ensure section 1 safety instructions are strictly followed.
- 5.1.1. 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).
- 5.1.2. Position the jack saddle under the vehicle manufacturer's recommended lifting point.

5.2. JACKING THE VEHICLE (fig.1)

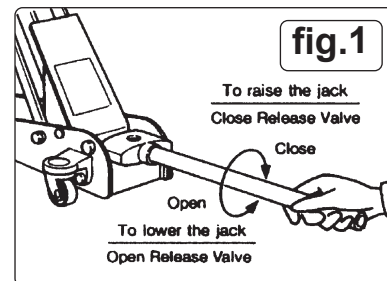
- 5.2.1. Turn the handle clockwise to close the valve and commence pumping the handle up and down using maximum strokes until the vehicle reaches the desired working height.
- 5.2.2. Should the jack become overloaded, a safety excess pressure valve will open, and stop the jack from lifting.

5.3. WEIGHT DISTRIBUTION

- 5.3.1. Most of the lifted load is carried by the front jack wheels placing exceptional stress on the point of contact with the floor. For this reason use on a hard level concrete surface only.

5.4. LOWERING THE LOAD (fig.1)

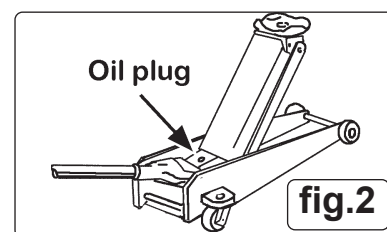
- **WARNING!** Ensure there are no persons or obstacles beneath the vehicle, or in the path of its descent.
- 5.4.1. The lowering speed is controlled by the amount the handle is turned. Lower slowly and carefully, avoiding sudden release.



6. MAINTENANCE

IMPORTANT: Only competent personnel should attempt maintenance or repair.

- 6.1. When the jack is not in use, the ram and the handle socket should be in their lowest position to minimise corrosion. Remove the handle to deactivate jack.
- 6.2. Keep the jack clean and lubricate all moving parts with lubricating oil on a regular basis.
- 6.3. To check the oil level, fully lower the jack. Remove oil plug (fig.2). The correct oil level should be approximately 5mm below the filler opening. If oil level is low, fill as required. Pump unloaded jack 15 to 20 times to expel air and then refit plug.
NOTE: Only use a good quality jack oil, such as SEALEY HYDRAULIC JACK OIL.
- 6.4. Before each use check for broken, cracked, bent, or loose parts, or any visible damage to welds, ram, pump, saddle, lifting arm, frame and all parts including nuts, bolts, pins and other fasteners. If any suspect item is found remove jack from service and take necessary action to remedy the problem. **DO NOT** use the jack if believed to have been subjected to abnormal load or shock.
- 6.5. Every three months remove the locking rings on the caster wheels and lubricate the ball bearings with grease.
- 6.6. After a year of extensive use, the oil should be replaced in order to extend the life of your jack. To drain the oil, remove the oil plug and valve. Make sure that no dirt is allowed to enter the hydraulic system's oil. Dispose of oil according to local authority regulations. See 6.3. for refill instructions.
- 6.7. Check the pump piston and piston rod periodically for signs of corrosion. Clean exposed areas with a clean oiled cloth.



IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THE JACK.

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.

7. TROUBLESHOOTING

Problem	Possible cause	Remedy
Jack will not lift the load	Overloaded Oil level low Release valve not correctly closed Air in system Piston rod not functioning Packing worn or defective	Use jack with correct capacity Top up oil level Check and close release valve Open release valve and air vent (if fitted) and pump the handle 15 to 20 times. Close valve and re-try Clean and replace oil Replace packing
Jack does not lift high enough or feels spongy	Oil level too high or low Worn seals Air in system Release valve not closed	Fill or remove excess oil Return jack to local service agent Open release valve and air vent (if fitted) and pump the handle 15 to 20 times. Close valve and re-try Check and close release valve
Jack lifts poorly	Pump packing or valves malfunctioning Oil is dirty Air in the system	Replace packing and/or clean valves Replace packing and/or clean valves Replace oil Open release valve and air vent (if fitted) and pump the handle 15 to 20 times. Close valve and re-try Replace oil Open release valve and air vent (if fitted) and pump the handle 15 to 20 times. Close valve and re-try
Jack lifts but will not hold the load	Release valve partially open Dirt on valve seats Air in system Faulty seals Packing worn or defective	Check and close release valve Lower jack, close release valve. Place foot on front wheel and pull up lifting arm to it's full height by hand. Open the release valve to lower arm Open release valve and air vent (if fitted) and pump the handle 15 to 20 times. Close valve and re-try Replace packing or contact local service agent Replace packing
Jack does not lower completely	Unit requires lubrication Piston rod bent or damaged Jack frame/link system distorted due to overloading/poor positioning Air in system Release valve partially open Jack spring damaged	Oil all external parts Replace rod or contact local service agent Replace parts or contact local service agent Open release valve and air vent (if fitted) and pump the handle 15 to 20 times. Close valve and retry Check and fully open release valve Replace spring or contact local service agent
Jack does not lower at all	Release valve still closed	Check and fully open release valve



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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

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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