

Models: 1250CX, 2050CXL, 3000CXD & 3030CXD

Your new Trolley Jack is produced and manufactured to a high standard of dependability, and if correctly cared for, will 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 that the jack is in sound condition and good working order. Take action for immediate repair or replacement of damaged parts. *Use recommended parts only. Unapproved parts may be dangerous and will invalidate the warranty.*
- ✓ Locate the jack in an adequate, 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 the wheels of the vehicle *but ensure that the wheels of the jack can move freely.*
- ✓ Ensure that the vehicle handbrake is engaged and switch off the engine.
- ✓ Ensure a minimum distance of 0.5m between vehicle tilt and static objects such as doors, walls, etc.
- ✓ Ensure all non-essential persons keep a safe distance whilst the jack is in use.
- ✓ Ensure that there are no passengers in the vehicle to be jacked up.
- ✓ Place jack under vehicle manufacturer's recommended lifting points (*see vehicle handbook*).
- ✓ Check that the lifting point is stable and centred on the jack saddle.
- ✓ Ensure that the jack wheels are free to move and that there are no obstructions.
- ✓ **IMPORTANT!** During the jacking operation ensure that you can always see the vehicle-to-jack

saddle contact point.

- **DANGER!** Use the Jack for lifting only, NOT for supporting the lifted load.
- ✓ Use correctly rated **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 lubricate and maintain the jack.
- ✓ Confirm that the recommended *hydraulic jack oil* is used during maintenance.
- ✗ DO NOT operate the jack if it is 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 and/or lowering.
- ✗ DO NOT use the jack to move vehicle.
- ✗ DO NOT jack vehicle if it may result in spillage of fuel, battery acid, or other dangerous substance.
- ✗ DO NOT work under the vehicle until **axle stands** have been correctly positioned.
- ✗ DO NOT use the jack for purposes other than which it is intended.
- ✗ DO NOT top up system with brake fluid. Use hydraulic jack oil only.
- ✗ DO NOT adjust the safety overload valve.
- ✓ When not in use store jack in a safe, dry, child proof area in the 'down' position.

2. ASSEMBLY

2.1. All Models

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

2.2. Model 3030CXD only

Assemble rocket-lift foot pedal arm to main lift arm support pin (fig. 1) and tighten assembly screw.

3. OPERATING INSTRUCTIONS

3.1. Before first use

Before using the jack, purge the hydraulic circuit, in order to eliminate any air in the system, by turning the handle anti-clockwise to open, and pumping 8 or 9 times (fig. 2).

3.2. Jacking

□ **WARNING!** Before lifting ensure that Section 1 safety instructions are strictly followed.

- 3.2.1. Prepare the vehicle as described in the safety instructions, ensuring that the ground on which the jack is to stand is level and solid (not tarmac/adam).
- 3.2.2. Position the jack saddle under the vehicle manufacturer's recommended lifting point.

3.3. Rocket Lift Pedal - Model 3030CXD only

Note: You can use your Rocket Lift jack as a standard trolley jack with out the Rocket Lift pedal. If this is your intention please ignore references to the Rocket Lift pedal in the following instructions.

There are two methods of operating the Rocket Lift mechanism to raise the jack swiftly to the designated vehicle lifting point.

- 3.3.1. Turn the jack handle clockwise until the release valve is closed. Depress the Rocket Lift pedal (fig. 1) and the saddle will rise and stop once contact is made with the vehicle lifting point. The saddle will then drop back about 60mm.
- 3.3.2. Alternatively, turn handle to the left so the release valve is open, operate the foot pedal (fig. 1) until saddle is at desired height and then close the valve quickly. This will avoid the saddle "dropping back".

Model 1250CX Specification

Capacity 2Tons
 Min. Saddle Height 132mm
 Max. Saddle Height 440mm
 Max. Chassis Height 135mm
 Length 540mm
 Weight 21kg

Model 2050CXL Specification

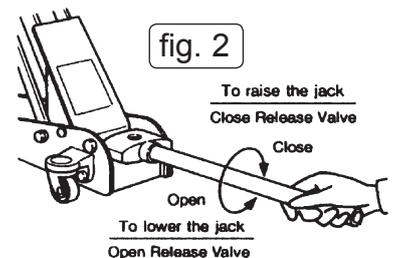
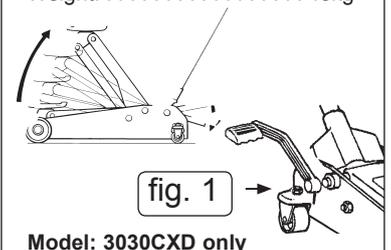
Capacity 2.25Tons
 Min. Saddle Height 130mm
 Max. Saddle Height 500mm
 Max. Chassis Height 154mm
 Length 610mm
 Weight 33kg

Model 3000CXD Specification

Capacity 3Tons
 Min. Saddle Height 145mm
 Max. Saddle Height 490mm
 Max. Chassis Height 154mm
 Length 685mm
 Weight 42kg

Model 3030CXD Rocket Lift Specification

Capacity 3Tons
 Min. Saddle Height 145mm
 Max. Saddle Height 490mm
 Max. Chassis Height 154mm
 Length 685mm
 Weight 43kg



3.4. Jacking

Weight Distribution

Up to 80% of the lifted load is carried by the front jack wheels, placing exceptional stress on the point of contact with the supporting floor. For this reason use on a hard level concrete surface only.

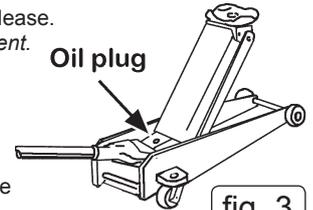
- 3.4.1. Turn the handle clockwise to close the valve and commence pumping the handle up and down using maximum strokes until the vehicle reaches the working height.

Note: If the jack becomes overloaded, a safety excess pressure valve will open, and stop the vehicle from lifting further.

3.5. Lowering

- 3.5.1. The lowering speed is controlled by the amount you turn the handle. Lower carefully, avoiding sudden release.

WARNING! Ensure that there are no persons or obstacles beneath the vehicle, or in the path of its descent.



4. MAINTENANCE

IMPORTANT! Only fully qualified personnel should attempt maintenance or repair.

- 4.1. When the jack is not in use, the ram and the handle socket should be in their lowest positions to minimise corrosion. Remove the handle to deactivate the jack.
- 4.2. Keep the jack clean and lubricate all moving parts with a good quality oil on a regular basis.
- 4.3. To check the hydraulic oil level, fully lower the jack and remove filler plug (fig. 3). The correct oil level should be approximately 5mm below the filler opening. If oil level is low, fill as required. Pump unloaded jack 5 or 6 times to expel air and then refit plug.

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!

- 4.4. 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 it is believed to have been subjected to abnormal load or shock. Inspect and take appropriate action.

- 4.5. Every three months remove the locking rings on the caster wheels and lubricate the ball bearings with grease.
- 4.6. After a year of extensive use, the oil should be replaced in order to extend the life of your equipment. To drain the oil, remove the filler cap and valve. Make sure that no dirt is allowed to enter the hydraulic system. See 4.3. for refill instructions.
- 4.7. Periodically check the pump piston and piston rod for signs of corrosion. Clean exposed areas with a clean oiled cloth.

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

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 telephone number of your local agent.

If the jack is under guarantee please contact your dealer.

De-commissioning

If the jack becomes completely unserviceable, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.

5. TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Jack will not lift the load	1) Overloaded 2) Oil level low 3) Release valve not correctly closed 4) Air in system 5) Piston rod not functioning 6) Packing worn or defective	1) Be sure to use jack with adequate capacity. 2) Top up oil level. 3) Check and close release valve. 4) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try. 5) Clean and replace oil. 6) Replace packing.
Jack does not lift high enough or feels "spongy"	1) Oil level too high or too low 2) Worn seals 3) Air in system 4) Release valve not closed	1) Fill or remove excess oil. 2) Return jack to local service agent. 3) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try. 4) Check and close release valve.
Jack lifts poorly	1) Pump packing or valves malfunctioning 2) Oil is dirty 3) Air in the system	1) Replace packing and/or clean valves. 2) Replace oil. 3) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try.
Jack lifts but will not hold load	1) Release valve partially open 2) Dirt on valve seats 3) Air in system 4) Faulty seals 5) Packing worn or defective	1) Check and close release valve. 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. 3) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try. 4) Replace packing or contact local service agent. 5) Replace packing.
Jack will not lower completely	1) Unit requires lubrication 2) Piston rod bent or damaged 3) Jack frame/link system distorted due to overloading/poor positioning 4) Air in system 5) Release valve partially open 6) Jack spring damaged	1) Oil all external moving parts. 2) Replace rod or contact local service agent. 3) Replace damaged parts or contact local service agent. 4) Open release valve and air vent (if fitted) and pump the handle a few times. Close valve and re-try. 5) Check and fully open release valve. 6) Replace spring or contact local service agent.
Jack does not lower at all	1) Release valve still closed	1) Check and fully open release valve.

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 latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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