INSTRUCTIONS FOR:

TROLLEY JACK 3TONNE STANDARD CHASSIS

MODEL NO: **3000CXD.V2**

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 OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.**

1. SAFETY PRECAUTIONS

✓ 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 unapproved 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.
✓ Place chocks under wheels of vehicle (but ensure wheels of jack can move freely).
✓ Ensure the vehicle's handbrake is engaged, the 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 there are no passengers in the vehicle.
✓ Ensure all non-essential persons keep a safe distance whilst the jack is in use.
✓ Only place jack under vehicle manufacturer’s recommended lifting points *(see vehicle handbook).*
✓ Check 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.
✓ Use correctly rated axle stands under the vehicle before proceeding with any task.
✓ Ensure there are no persons or obstructions beneath the vehicle before lowering.
✓ Use a qualified person to maintain or repair the jack hydraulic system.
✓ **IMPORTANT!** During the jacking operation, ensure that the vehicle-to-jack saddle contact point are always visible.
❒ **DANGER:** Use the jack for lifting only, **NOT** for supporting the lifted load.
✗ **DO NOT** operate the jack if damaged.
✗ **DO NOT** allow untrained persons to operate the jack.
✗ **DO NOT** exceed the rated capacity (3 Tonne) of the jack.
✗ **DO NOT** allow the vehicle to move while supported by the jack, 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 suitably rated axle stands have been correctly positioned.
✗ **DO NOT** use the jack for purposes other than 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. SPECIFICATION

Single-piece hydraulic unit with heavy chassis design. Integral American cog-type release mechanism and long two-piece handle. 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. Ideal for loaded vans up to 3.5tonne GVW.

Capacity:.....3tonne
Minimum Saddle Height: 133mm
Maximum Saddle Height: 515mm
Maximum Chassis Height:.....154mm
Length:.....661mm
Weight: 36.8kg

3. OPERATING INSTRUCTIONS

3.1. Before first use.

3.1.1. Assemble the handle by lining up the holes in the two-piece handle and fasten with the assembly screw.
3.1.2. Loosen location bolt at the back of the handle base. Insert the jack handle and tighten the bolt.
3.1.3. Before using jack, purge the hydraulic unit in order to eliminate any air in the system. Open the valve by turning the handle anti-clockwise **(fig.1)**, and pumping 8 or 9 times. When complete, close the release valve by turning the handle fully clockwise **(fig.1).**
3.1.4. Place a few drops of hydraulic jack oil onto the pump piston and pump the handle several times to distribute the oil. Thoroughly lubricate all moving parts.

3.2. General jacking.

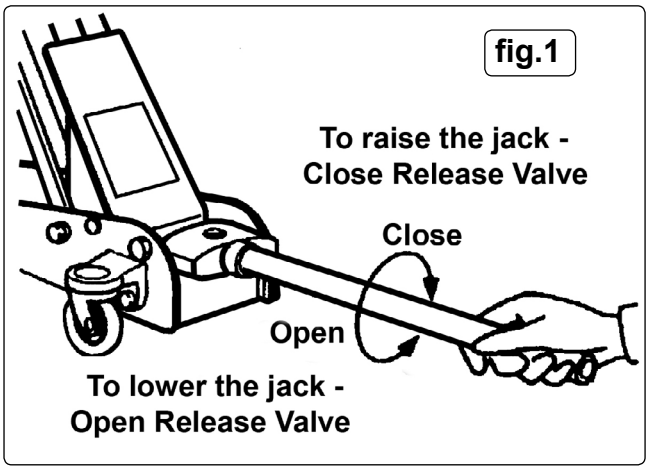
❒ **WARNING!** Before lifting ensure Section 1 safety instructions are read and understood.
3.2.1. Prepare the vehicle as mentioned in the safety instructions ensuring the ground on which the jack is to stand is level and solid (not tarmacadam) and use chocks under wheels of vehicle.
3.2.2. Position the jack saddle under the vehicle manufacturer’s recommended lifting point.

3.3. Jacking the vehicle.

3.3.1. Turn the handle clockwise to close the release valve **(fig.1)** and commence pumping handle up and down until the jack saddle reaches the vehicle jacking point. Check the jacking point is centrally located on the saddle and continue to pump the handle to raise the vehicle.
3.3.2. Should the jack become overloaded, a safety excess pressure valve will open and stop the jack from lifting.
❒ **WARNING!** The jack is a lifting device only and must not be used to support the load. Use correctly rated axle stands to support the load.

3.4. Lowering the vehicle.

❒ **WARNING!** Ensure there are no persons or obstacles beneath the vehicle, or in the path of it's descent.
3.4.1. Raise the jack high enough for the axle stands to be easily removed. Then turn the handle slowly anti-clockwise to open the release valve **(fig.1)**.
3.4.2. The lowering speed is controlled by the amount the release valve is opened. Lower carefully, avoiding any sudden changes in descent rate which could shock load the hydraulic system.



4. MAINTENANCE

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 on a regular basis, pump grease into the grease nipple (fig.2).

4.3. Before each use, check for broken, cracked, bent, or loose parts, or any visible damage to 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 load.

4.4. Periodically check the pump piston and piston rod for signs of corrosion. Clean exposed areas with a clean oiled cloth.

4.5. After one year the oil should be replaced in order to extend the life of the jack. Use hydraulic jack oil only.

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

4.6. To check the hydraulic oil level, fully lower the jack and the handle and remove the oil filler plug **(fig.2)**. The correct oil level should be approximately 5mm below the filler opening. If oil level is low, fill as required. Make sure that dirt is not allowed to enter the hydraulic system. Carefully pump unloaded jack 5 or 6 times to expel any air and then refit oil filler plug. **NOTE:** Use a good quality hydraulic jack oil, such as SEALEY HYDRAULIC JACK OIL.

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

✓ **IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THIS PRODUCT.**
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 contact your local Sealey dealer.

De-commissioning the Jack
Should the jack become completely unserviceable and require disposal, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.

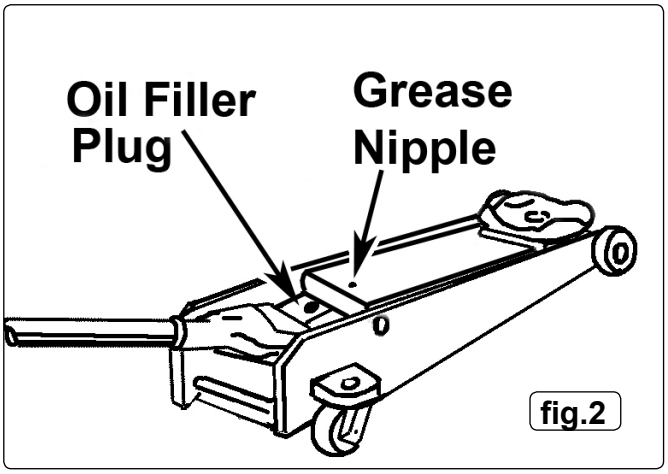


fig.2

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 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) Top up oil level or remove excess oil 2) Return jack to local service agent 3) Open release valve 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 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 it's full height by hand Open the release valve to lower arm 3) Open release valve 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 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

Environmental 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.

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.

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