3 TONNE LONG REACH HIGH LIFT TROLLEY JACK

MODEL NO: **3000HLC.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.

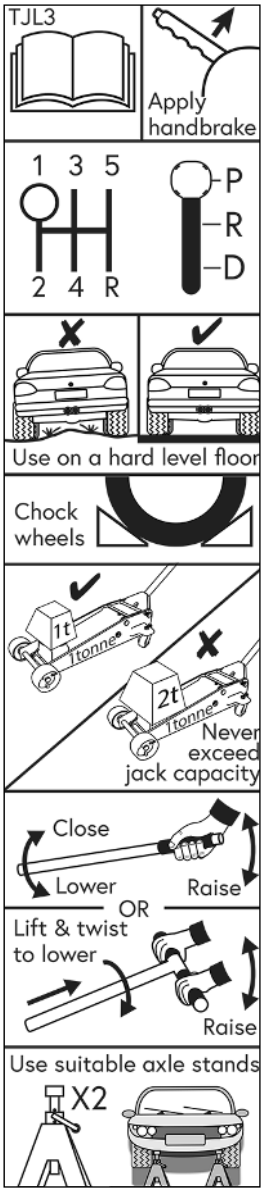


Refer to instructions



Wear safety footwear

1. SAFETY



- ❑ **WARNING! ALWAYS USE AXLE STANDS**
- ❑ **WARNING!** Please note that the handle socket of this jack is retained under tension and must be released before use. Caution should be taken when releasing, as the handle socket will suddenly raise to its upright position if not controlled.
- ✓ The user shall work only in accordance with this instruction manual.
- ✓ The operator shall be provided with all necessary information about training and about pumping and translating forces.
- ✓ 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. **DO NOT** modify the jack. The use of non-genuine 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.
- ✓ 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.
- ✓ It is necessary that the operator can watch the lifting device and the load during all movements.
- ✓ 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.
- ✓ It is not allowed to work under the raised load until it is secured by suitable means. 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** operate the jack when tired or under the influence of drugs, alcohol or intoxicating medication.
- × **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 area.
- ✓ If more than 400N of effort is generated in lifting, the efforts shall be lowered by an additional person.
- ✓ Jacks shall be maintained and repaired in accordance with the manufacturer’s instructions. Such maintenance and repair shall be carried out by qualified persons.
- ✓ No modifications shall be carried out which adversely affect the compliance of the jack with the standard.
- ✓ Check the state of the markings and that the markings remain as the initial one.

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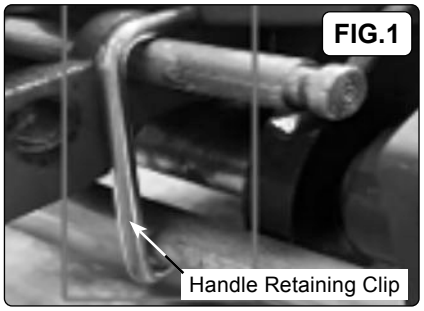
2. INTRODUCTION

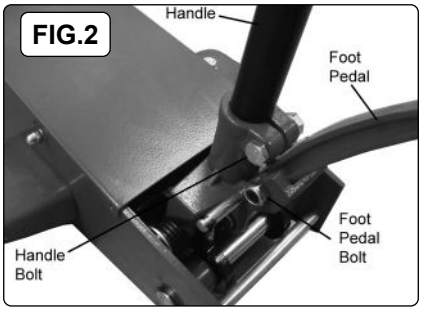
High lift jack arm ideal when lifting a light commercial vehicle. Fitted with quick lift foot pedal. Heavy-duty long steel chassis provides easy-access to deep set jacking points. Fitted with one-piece hydraulic unit with built-in safety overload protection.

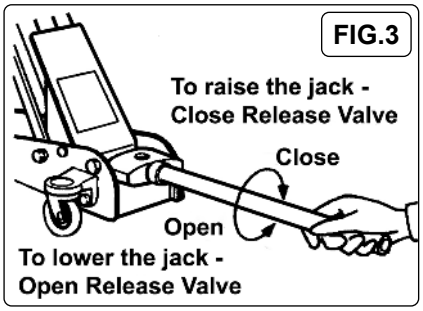
3. SPECIFICATION

Model No:.....3000HLC.V2
Applicable Standard:..... EN 1494
Capacity:..... 3 Tonne
Length:..... 1090mm
Maximum Chassis Height:..... 185mm
Maximum Saddle Height:..... 670mm
Minimum Saddle Height:..... 140mm
Optional Rubber Jacking Pad.....JP06

4. ASSEMBLY







4.1. The pedal link is already assembled to the body of the jack.
4.2. To attach the foot pedal pass the bolt as shown in fig.2. through the pedal link and foot pedal and tighten the nut.
4.3. Loosen the handle bolt and insert the handle as far as possible, tighten the bolt. fig.2.

4.4. RELEASING THE RETAINING CLIP

4.4.1. Seek assistance from a second person if required.
4.4.2. Push down on the handle and pull out the clip that is securing the handle socket in the down position.
4.4.3. Gently and in a controlled manner, slowly allow the handle section and handle socket to raise to their upright position.
4.4.4. Replace the handle retaining bolt to secure the handle in the socket.

5. OPERATION

NOTE: Air sometimes gets into the hydraulic system, causing poor lifting performance. Before initial operation, to purge any air from the system open the release valve at the top of the jack handle by turning it anti-clockwise. Place a weight on the saddle and pump the jack handle rapidly several times, then close the release valve.

❑ **WARNING!** Before lifting ensure Safety instructions are read and understood. Position the jack saddle under the vehicle manufacturer's recommended lifting point.

5.1. RAISING THE JACK

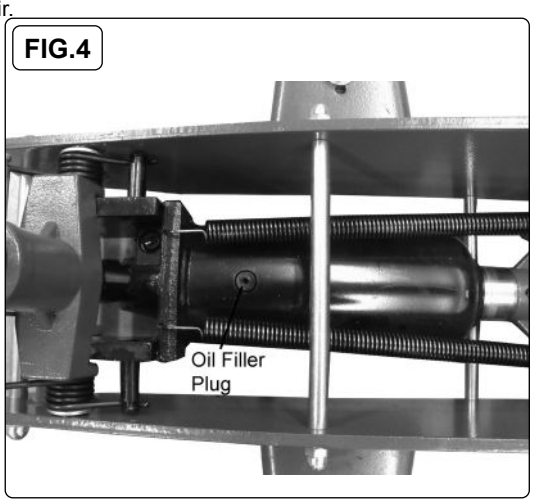
5.1.1. Turn the handle knob clockwise until resistance is felt to close the release valve. **DO NOT** over tighten
5.1.2. Place jack directly under object to be lifted. Make sure weight is positioned centrally. Check positioning under slight load to confirm jack or load will not slip.
5.1.3. Raise jack by pumping handle until desired height is reached.
5.1.4. After lifting to required height support on axle stands.

5.2. LOWERING JACK

5.2.1. Slowly turn handle knob anti clockwise.
NOTE: This jack is fitted with descent control for safer operation.

6. MAINTENANCE

IMPORTANT: Only fully qualified personnel should attempt maintenance or repair. Jacks shall be maintained and repaired in accordance with the manufacturer's instructions. Such maintenance and repair shall be carried out by qualified persons. No modifications shall be carried out which adversely affect the compliance of the jack with the standard. Check the state of the markings and that the markings remain as the initial one.



6.1. CHECKING HYDRAULIC OIL LEVEL

6.1.1. Open release valve (turn handle knob anti clockwise) and push ram to its lowest position.
6.1.2. Remove oil filler plug. see fig.4.
6.1.3. Fill with clean hydraulic jack oil. **DO NOT** use hydraulic brake fluid.
6.1.4. Re-fit oil filler plug.

6.2. LUBRICATION

6.2.1. Add lubricating oil to all moving and pivoting with light oil once or twice a month, depending on frequency of use.

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7. TROUBLESHOOTING

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) Fill 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 closed 6) Jack spring damaged or unhooked.	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 closed	1) 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.

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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 3 years from purchase date, proof of which is required for any claim.

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