2 TONNE LONG REACH HIGH LIFT COMMERCIAL TROLLEY JACK

MODEL NO: **2201HL**

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.

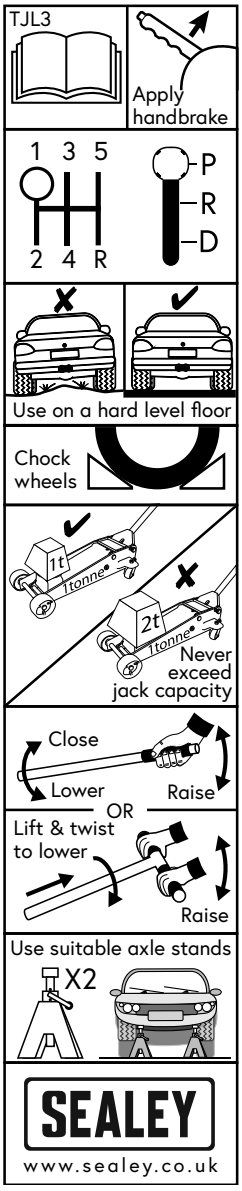


Refer to instructions



Wear safety footwear

1. SAFETY



- ❑ **WARNING!** 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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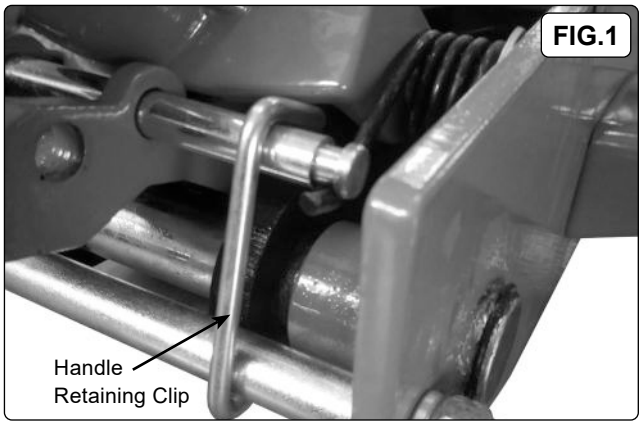
2. INTRODUCTION

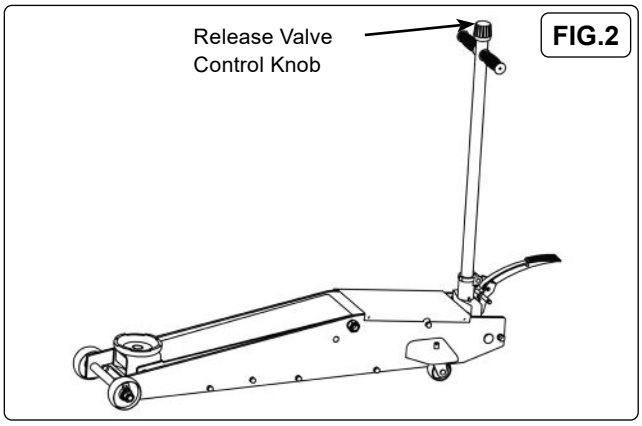
High lift jack arm ideal when lifting a light commercial vehicle. Fitted with quick lift foot pedal. Heavy-duty long steel chassis provides easy access to deep set jacking points. Fitted with one-piece hydraulic unit with built-in safety overload protection.

3. SPECIFICATION

Model No:..... 2201HL
Applicable Standards: ..... EN 1494
Capacity: 2000kg
Length: 1090mm
Maximum Chassis Height: 188mm
Maximum Saddle Height: 800mm
Minimum Saddle Height: 140mm
Optional Rubber Jacking Pad:..... JP06

4. ASSEMBLY





Numbers refer to parts diagram.

4.1. FIT HANDLE & FOOTPEDAL

4.1.1. Refer to the parts diagram to fit the handle and footpedal.
4.2. Loosen locating bolt at the side of the handle base.
4.3. Push handle into socket and re-tighten locating bolt, ensuring that it fits correctly into (70) control rod.

4.4. RELEASING THE RETAINING CLIP (FIG.1)

4.4.1. Seek assistance from a second person if required.
4.4.2. Push down on the handle and pull 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 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

❑ **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.

5.1. BEFORE FIRST USE

5.1.1. Before using jack for the first time, purge the hydraulic unit in order to eliminate any air in the system. Turn release valve control knob (fig.2) to open release valve.
5.1.2. Pump for 30 to 40 seconds. When complete, close the release valve by turning the release valve control knob.
5.2. Place a few drops of hydraulic jack oil on pump piston and pump handle/pedal assembly several times to distribute oil. Thoroughly lubricate moving parts.
5.3. Rotate the release valve control knob at top of handle to either close or open the release valve.
5.4. To raise the jack with the release valve closed, either pump the handle or the foot pedal.
5.5. To lower the jack reverse the direction of the release valve control knob.

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. When the jack is not in use, the ram should be in its lowest position to minimise corrosion. Remove the handle to deactivate the jack.
6.2. Keep the jack clean and lubricate all moving parts with acid free oil on a regular basis.

6.3. CHECKING THE OIL LEVEL

6.3.1. Pump the jack to approximately half height and with the help of another person, upend the jack (i.e. so that the ram is vertical and the jack is resting on the handle).

❑ **WARNING:** Ensure that a second person remains to hold the jack stable in the upended position - **DO NOT** attempt this operation unaided.

6.3.2. Remove the filler plug located on top of the ram. Correct oil level is just below the lower edge of the filling hole.
IMPORTANT: DO NOT overfill as this may effect the smooth operation of the jack.
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!

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6.4. 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 the necessary action to remedy the defect. **DO NOT** use the jack if it is believed to have been subjected to abnormal load or shock load. Inspect and take appropriate action.

6.5. After one year the oil should be replaced in order to extend the life of the jack. Drain and refill via the filler plug. Make sure that no dirt is allowed to enter the hydraulic system.

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

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.

REGISTER YOUR PURCHASE HERE

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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