

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: 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 INSTRUCTIONS

- ✓ 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 unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Locate the jack in a suitable, 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 chocks under wheels of vehicle (but ensure wheels of jack can move freely).
- ✓ Ensure the vehicle handbrake is engaged, engine is switched off and transmission is in gear ("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 those lifting points recommended by vehicle manufacturer (refer to 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.
- ☐ **DANGER:** Use the jack for lifting only, **NOT** for supporting the lifted load.
- ✓ Use suitable capacity 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.
- ✗ **DO NOT** operate the jack if damaged.
- ✗ **DO NOT** operate the jack when tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **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 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 axle stands have been correctly positioned.
- ✗ **DO NOT** leave the jack handle locked in either the middle or lower locking positions when the jack is left unattended.
- ✗ **DO NOT** use the jack for purposes other than that for which it is designed.
- ✗ **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.

## 2. SPECIFICATIONS

Model: ..... **5001.V2**  
 Capacity: ..... 5tonne  
 Min. Saddle Height: ..... 160mm  
 Max. Saddle Height: ..... 560mm  
 Max. Chassis Height: ..... 205mm  
 Length: ..... 1420mm  
 Weight: ..... 90kg

## 3. ASSEMBLY & PURGING

- ### 3.1. Assembly
- 3.1.1. Fit the handle assembly into the handle socket so that the locking position control rod passes through the bracket and locates into the upper handle locking position (fig.1). Locate the release valve square drive into the drive socket. Push the handle fully down and secure with the handle retaining bolt (fig.1). Test the operation and function of the release valve control knob before use.
- ### 3.2. Purging
- 3.2.1. Before using the jack for the first time, purge the hydraulic circuit in order to eliminate any air from the system. To do this, open the release valve by rotating the release valve control knob counter-clockwise (fig.2). Pump the foot pedal through its full travel 20 times. Rotate the release valve control knob clockwise.

## 4. OPERATING INSTRUCTIONS

- ### 4.1. Preparation
- ☐ **WARNING! Before lifting, ensure that you have read, understood and apply Section 1 safety instructions.**
- 4.1.1. Prepare vehicle as described in safety instructions ensuring the ground on which jack is to stand is level and solid (not tarmac/adam). We recommend concrete.
- 4.1.2. To manoeuvre the jack, ensure that the jack handle is locked in either the upper, middle or lower locking position (fig.1). To lock the jack handle, turn the locking lever clockwise until it releases from the housing and locks the jack handle in the desired locking position (fig.2).
- 4.1.3. With the jack handle locked, position the jack saddle under the vehicle manufacturer's recommended lifting point (refer to vehicle handbook).
- 4.1.4. Use the jack handle locked in either the middle or lower locking positions when manoeuvring the jack saddle to jacking points that are located further underneath larger vehicles.
- ### 4.2. Raising a vehicle
- 4.2.1. Ensure that the jack and the vehicle are on a hard level surface.
- 4.2.2. Always ensure that the vehicle handbrake is engaged and the vehicle wheels are chocked.
- 4.2.3. Consult the vehicle handbook to determine the position of the jacking points.
- 4.2.4. Unlock the jack handle by lifting the locking lever and rotating it counter-clockwise until it sits in the locking lever housing.
- 4.2.5. Turn the release valve control knob clockwise. **DO NOT** over-tighten. The jack saddle may be raised quickly up to the load using the foot pedal. **DO NOT** attempt to raise the load with the foot pedal.
- 4.2.6. Commence pumping the jack handle through the full stroke until the vehicle reaches the required height.
- 4.2.7. Place axle stands beneath the locations recommended by the vehicle manufacturer.
- 4.2.8. Turn the release valve control knob counter-clockwise to lower the vehicle onto the axle stands.
- ### 4.3. Lowering a vehicle
- 4.3.1. Rotate the release valve control knob clockwise.
- 4.3.2. Raise the vehicle off the axle stands.
- 4.3.3. Remove the axle stands from beneath the vehicle.
- 4.3.4. Slowly rotate the release valve control knob counter-clockwise.
- ☐ **SAFETY WARNING! Always lower in a slow and controlled manner and ensure that there are no persons or obstacles beneath the vehicle, or in the path of descent.**
- 4.3.5. Withdraw the jack from underneath the vehicle and lock the handle in the upper locking position.

## 5. MAINTENANCE

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

### 5.1. Monthly Maintenance

Lubrication is critical to jacks, since they support heavy loads. Any restriction due to dirt or rust can cause either slow jack movement, or extremely rapid jerks, causing damage to the internal components. To keep the jack well lubricated, carry out the following steps:

- 5.1.1. Lubricate the ram, the linkages, the saddle and pump mechanism with light oil.
- 5.1.2. Grease the lifting arm, wheel bearings and axles.
- 5.1.3. Keep all jack surfaces and warning labels clean.
- 5.1.4. Check and maintain the ram oil level (Section 5.3).

### 5.2. Three Monthly Maintenance

- 5.2.1. At three monthly intervals, check the ram for any signs of rust or corrosion. Clean the ram as required and wipe with an oil cloth.

### 5.3. Checking the Oil Level

- 5.3.1. Fully retract the ram by turning the release valve control knob counter-clockwise.
- 5.3.2. With the jack in the level position, carefully remove the top cover.
- 5.3.3. Remove the oil filler plug.
- 5.3.4. The oil should be level with the bottom of the oil filler hole. If it is not, top up with clean hydraulic jack oil (Sealey Part No: HJO500MLS or HJO5LS).
- 5.3.5. Replace the oil filler plug and check the jack operation.
- 5.3.6. Purge air from the hydraulic unit as required (Section 3.2).

**NOTE:** Always store the jack in the fully lowered position. This will protect critical areas from excessive corrosion.

**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 you can also contact your local dealer.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or phone 01284 757500.

## 6. TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
Jack will not lift to full height	Oil level low	Check/top up oil level
Jack will not hold the load	Release valve not closing Hydraulic jack oil is contaminated Pump valves not sealing	Contact authorised service agent
Lift arm will not lower	Cylinder ram binding Parts worn Internal component damage Broken or unhooked return spring Lift arm linkage either bent or binding	Contact authorised service agent
Jack feels spongy when lifting	System requires purging	Refer to air purge procedure at Section 3.2

**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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