



HYDRAULIC SCISSOR JACK 700KG

MODEL NO: **HSJ07.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

- ✓ The user shall work in accordance with the instruction handbook.
- ✓ 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.
- ✓ Use genuine parts only. The use of improper 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.
- ✓ Keep working area clean and tidy and free from unrelated materials. Use jack on level/solid ground, preferably concrete. Avoid tarmac/adam as jack may sink in.
- ✓ Place wedges under wheels of vehicle, but ensure the jack wheels are free to move and that there are no obstructions.
- ✓ It is necessary that the operator can watch the lifting device and the load during all movements
- ✓ 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 there are no passengers in the vehicle and that all non-essential persons keep a safe distance whilst the jack is in use. Place jack under lifting points recommended by vehicle manufacturer (see vehicle hand book). Ensure lifting point is stable and centred on saddle.
- ▲ **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 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** operate the jack when tired or under the influence of drugs, alcohol or intoxicating medication.
- * **DO NOT** work under the raised load until it is secured by suitable means.
- * **DO NOT** work under the vehicle until axle stands have been correctly positioned.
- * **DO NOT** exceed the rated capacity of the jack. When lifting a load near to the maximum capacity or maximum capacity, it is recommended that the effort be reduced by the use of assistance during this operation.
- * **DO NOT** adjust the safety overload valve.
- * **DO NOT** jack vehicle if there is a risk of spillage of fuel, battery acid, or other dangerous substances.
- * **DO NOT** allow the vehicle to move while supported by the jack, or use the jack to move the vehicle.
- * **DO NOT** top up hydraulic system with brake fluid. Use hydraulic jack oil only and use a qualified person to maintain jack hydraulic system.
- * **DO NOT** allow untrained persons to operate the jack.
- * **DO NOT** work under the vehicle until appropriately rated axle stands have been correctly positioned.
- * **DO NOT** use jack for purposes other than which it is designed
- * **DO NOT** make any alterations to this product.
- ✓ When not in use store jack, fully lowered, in a safe, dry, childproof area.
- * **DO NOT** top up hydraulic system with brake fluid. Use hydraulic jack oil only. (Sealey Part No: HJO500MLS or HJO5LS)
- ✓ In the event of oil spillage ensure an oil spill kit is to hand. Consult Sealey website for Materials Safety Data Sheet for characteristics of fluids included with the product. Fire-fighting procedure/equipment should be in accordance with the Materials Safety Data Sheet.
- * **DO NOT** use in severe weather conditions, risk assess the task.
- ✓ Lifting of persons is prohibited.
- ✓ 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.
- ✓ Lifetime of the jack: Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

2. INTRODUCTION

Scissor jack fitted with a hydraulic unit to provide the space-saving properties of a conventional scissor jack with the convenience of a trolley jack. The hydraulic unit greatly reduces the time and effort taken to raise a vehicle compared to a standard scissor jack. Suitable for the hobby user or as an emergency mobile jack. Includes one-piece pumping handle. Supplied in storage case to keep dirty jack away from contents of car boot.

3. SPECIFICATION

Model No	HSJ07.V2
Application Standard:	1494
Capacity:	700kg
Closed Length:	382mm
Maximum Height:	380mm
Minimum Height:	139mm
Nett Weight:	6.6kg

4. OPERATION

4.1. BEFORE USE

- 4.1.1. Before using jack for the first time, purge the hydraulic unit in order to eliminate any air in the system. Position handle extension over release valve turn handle anti clockwise to open release valve. Attach handle extension to handle.
- 4.1.2. Pump for 30 to 40 seconds. When complete, close the release valve by turning the clockwise.
- 4.1.3. Place a few drops of hydraulic jack oil on pump piston and pump handle several times to distribute oil. Thoroughly lubricate moving parts.

4.2. GENERAL JACKING

- WARNING!** Before lifting ensure Safety instructions are read and understood.

- 4.2.1. Position the jack saddle under the vehicle manufacturer's recommended lifting point along sill edge.

4.3. JACKING THE VEHICLE

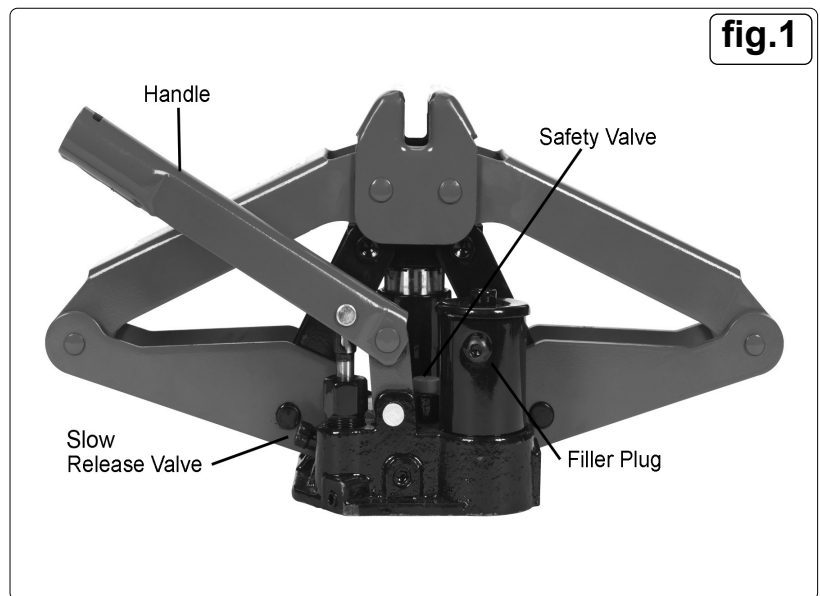
- 4.3.1. Close the release valve. Attach handle extension
- 4.3.2. Commence pumping handle up and down using maximum strokes until the jack saddle reaches the vehicle manufactures jacking point. Check the jacking point is centrally located on the saddle and raise the vehicle.
- 4.3.3. Should the jack become overloaded, a safety excess pressure valve will open, and stop the vehicle 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.

4.4. LOWERING THE VEHICLE

- 4.4.1. If using axle stands, raise the jack high enough for the stands to be easily removed. Then attach handle extension to release valve and turn handle anticlockwise very slowly to open the valve.
- 4.4.2. The lowering speed is controlled by the decent control valve. (Lower carefully).
 - WARNING!** Ensure there are no persons or obstacles beneath the vehicle, or in the path of its descent.

5. MAINTENANCE

- 5.1. Jacks shall be maintained and repaired in accordance with the manufacturer's instructions. Such maintenance and repair shall be carried out by qualified persons.
- 5.2. When refilling the hydraulic system, the characteristics of the hydraulic fluid used in the jack and the level of hydraulic fluid as it is given by the manufacturer shall be observed
- 5.3. No modifications shall be carried out which adversely affect the compliance of the jack with the standard.
- 5.4. Check the state of the markings and that the markings remain as the initial one.
- 5.5. When not in use, the ram should be in its lowest position to minimise corrosion. Remove handle extension and store in case.
- 5.6. Keep the jack clean and lubricate all moving parts with oil on a regular basis.
- 5.7. Before each use check for broken, cracked, bent, or loose parts, or any visible damage to ram, pump, saddle, 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.
- 5.8. Periodically check the pump piston and the ram for signs of corrosion. Clean exposed areas with a clean oiled cloth.
- 5.9. **CHANGING OIL**
- 5.10. After one year the oil should be replaced in order to extend the life of the jack. Use hydraulic jack oil only.
 - WARNING!** Only competent personnel should attempt hydraulic maintenance or repair.
- 5.11. To check the oil level, fully lower the jack. Remove filler plug fig.1. The correct level is the bottom of the hole. If oil level is low, fill as required. Pump jack 5 or 6 times to expel air. Pump jack up to full height before refitting plug.
 - * **DO NOT** touch the safety overload valve fig.1.
 - 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 oil as this may cause serious damage to the jack and will invalidate the warranty.
 - ✓ **IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF 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.



5.12. 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.



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.

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 12 months from purchase date, proof of which is required for any claim.



Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR

01284 757500

sales@sealey.co.uk

www.sealey.co.uk