



INSTRUCTIONS FOR
PREMIER TROLLEY JACK 2 TONNE
MODEL NO: **PFJ200**

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

- ✓ 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 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.
 - ✓ Use jack on level and solid ground, preferably concrete. Avoid tarmac 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.
 - ✓ 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.
 - * **DO NOT** operate the jack if damaged.
 - * **DO NOT** work under the vehicle until axle stands have been correctly positioned.
 - * **DO NOT** exceed the rated capacity of the jack (3.0tonne). When lifting a load of maximum capacity or close to it, 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** use jack for purposes other than which it is designed.
 - * **DO NOT** allow persons to ride on the jack.
- When not in use store jack, fully lowered, in a safe, dry, childproof area.

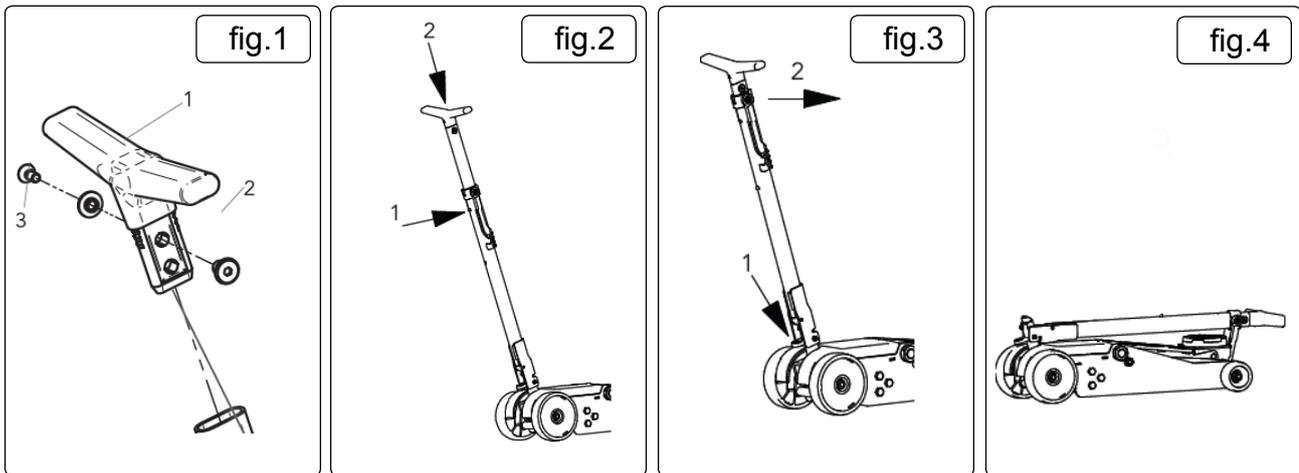
2. INTRODUCTION

Fully portable trolley jack thanks to its patented handle design, which also allows the jack to be stored in a vertical position. Lift-and-twist dead man's lowering mechanism operates via 'T' shaped handle to provide a smooth, controlled lowering of the load and prevent accidental operation. Nylon wheels for smooth and quiet manoeuvring, also limits damage to garage floors includes removable rubber saddle pad and built-in tool tray for fasteners and tools. Suitable for workshop use or by the serious motoring enthusiast.

3. SPECIFICATION

Model No.....	PFJ200
Capacity.....	2tonne
Minimum Saddle Height.....	95mm
Maximum Saddle Height.....	410mm
Length.....	615mm
Weight.....	20Kg
Oil Volume.....	220ml

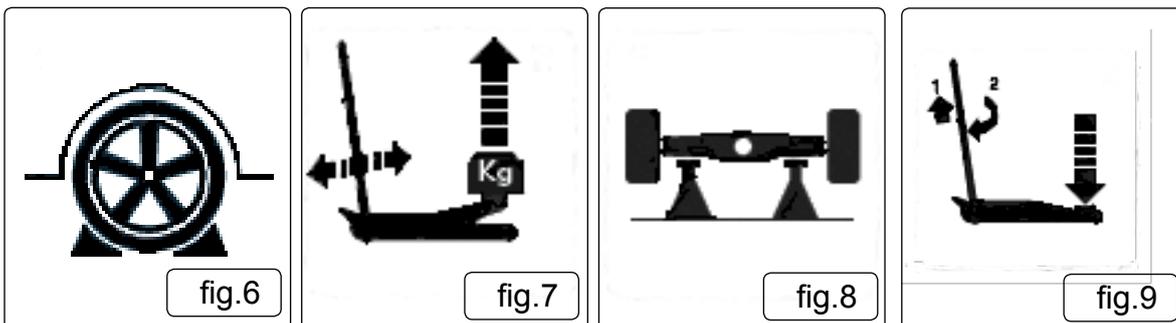
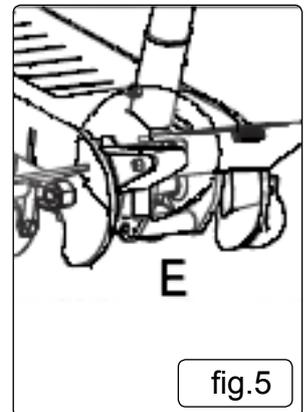
4. ASSEMBLY



- 4.1. Assemble handle as shown fig.1.
- 4.2. Handle can be lengthened or shortened by depressing button and sliding handle in or out fig.2.
- 4.3. Fold handle by depressing lever fig.3.1 and folding forwards hook to front wheel axle fig.4

5. OPERATION

- 5.1. The jack has a mechanical safety device fig.5, which acts automatically when reaching lifting height of 320mm.
- 5.2. To unlock the mechanical safety device lift the jack lightly and open the Release valve as per point 5.8.
- 5.3. Prior to operating the jack, remove any accumulated air from the system as follows:
 - Insert the handle into the socket and fix it with the screw provided.
 - Pull the handle and turn it clockwise and, whilst held in this position, pump the jack several times to ensure internal lubrication and bleed the accumulated air from the system.
- 5.4. Release the handle and it will automatically return back to the initial position ("Dead man principle"). The jack is now ready to be used.
- Important: Prior to lifting the load, ensure that all of the aforementioned safety instructions are followed.
- 5.5. The wheel of the jacks should always rotate freely. Chock vehicle fig.6.
- 5.6. For lifting, move the handle up and down using the full stroke range of the piston for greater speed fig.7.
- 5.7. Secure the lifted load as an essential safety measure with an appropriate axle stand fig.8.
- 5.8. Before lowering, lift the vehicle to remove the axle stands, ensuring that there are no persons or obstacles under the vehicle to be lowered. Pull the handle and turn it clockwise fig.9.
- 5.9. Our jacks are fitted with a safety device LCS that functions automatically and offers smooth and uniform lowering.
- 5.10. Once the vehicle has been lowered release the handle and it will automatically return back to the initial position.



6. MAINTENANCE

- 6.1. Maintenance and repair of the jack may only be performed by qualified persons, who have sufficient knowledge of the hydraulic systems used in these devices as a result of their training and experience.
- 6.2. Keep the jack clean and lubricate all moving parts at regular intervals, which must be clean and protected from aggressive conditions at all times.
- 6.3. Only original spare parts should be used.
- 6.4. Prior to each use, check for bent, broken, cracked or loose parts and solve the problem, if appropriate. If it is suspected that the jack has been subjected to abnormal loads or has suffered any knocks, withdraw it from service until the unit has been inspected and any problem has been rectified.
- 6.5. If the oil level needs to be checked or refilled, with the piston fully retracted, remove the filler plug and drain its contents into a container. With the jack in a horizontal position, proceed to introduce the necessary volume as indicated for each model in these instructions. Make sure that no dirt enters with the new oil.
- 6.6. Following a period of prolonged intensive use, it is recommendable to change the oil in order to extend the useful life of the jack.
- 6.7. An excess of oil to the volume required may render the jack inoperative.
- 6.8. Only use hydraulic oil, type HL or HM, with an ISO maximum grade of cinematic viscosity of 30 cSt at 40°, or an Engler viscosity of

3 at 50°C.

- ❑ **WARNING! DO NOT** use brake fluid.
- 6.9. When the jack is not in use, make sure the lifting arm is fully retracted to avoid corrosion.
- 6.10. Apply an anti-corrosion product to the pistons, if appropriate.
- 6.11. Keep the jack in a clean, dry place and out of children reach.
- 6.12. Keep warning labels and instructional decals clean and readable. Use a mild soap solution to wash external surfaces of the jack.

7. TROUBLESHOOTING

Problem	Cause	Solution
Jack does not lift	Release valve is open	Verify the release valve is closed by position of the handle. Release valve may need cleaning
	Low/no hydraulic fluid in reservoir.	Fill with approved hydraulic fluid and bleed system
	Air Locked system.	Bleed System
	Load is above capacity of jack	Use correct equipment
	Delivery valve and/or bypass valve not working correctly	Clean to remove dirt or foreign matter. Replace hydraulic fluid
	Packing worn out or defective	Replace packing
Jack lifts only partially	Too much or not enough hydraulic fluid	Check hydraulic fluid level
Jack advances slowly	Pump Not working correctly	Rework pump
	Leaking seals	Replace seals
Jack lifts load, but does not hold	Cylinder packing is leaking	Replace packing
	Valve not working correctly (suction, delivery, release or bypass)	Inspect valves. Replace if necessary
	Air locked system	Bleed system
Jack leaks hydraulic fluid	Worn or damaged seals	Replace seals
Jack will not retract	Release valve is closed	Open the release valve by pulling on and turning the handle clockwise. May be necessary to clean release valve
Jack retracts slowly	Cylinder damaged internally	Send jack to authorized service center
	Return spring is damaged	Replace return springs
	Link section is binding	Lubricate link sections

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.



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. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the 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.

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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