



INSTRUCTIONS FOR

AIR OPERATED BOTTLE JACK 18TONNE

MODEL NO: **YAJ18S**

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

1. SAFETY

- ✓ Ensure that the jack is undamaged and in good working order.
- ✓ Keep the jack clean, particularly the load face of the saddle.
- ✓ Take immediate action to repair or replace any damaged parts.
- ✓ Use only approved parts/accessories obtained from a Sealey supplier. The use of non-approved items could be dangerous and will invalidate the warranty.
- ✓ Ensure that the jack is maintained by a qualified person and that the recommended hydraulic oil is used.
- ✓ Store the jack in a dry, child-proof location when not in use.
- ✓ Keep work area clean and tidy, free from unrelated materials and well lit.
- ✓ Keep non-essential personnel at a safe distance when using jack.
- ✓ Use the jack on solid and level surfaces only.
- ✓ Ensure that vehicle to be raised is unoccupied, that the hand brake is firmly applied and 1st gear is engaged (automatics in 'Park').
- ✓ Ensure that vehicle wheels are chocked to prevent movement in both directions.
- ✓ Check that there is sufficient space around vehicle to allow for tilting.
- ☐ **WARNING!** Ensure that jacking the vehicle will not result in the spillage of fuel, battery acid or other dangerous substances or movement of unrestrained items.
- ✓ Place the jack under a specified jacking point - see vehicle hand book.
- ✓ Ensure that the jacking point is centred on the jack saddle.
- ✓ Raise the vehicle only as far as is necessary for the task in hand.
- ☐ **WARNING!** Do not work on, or under, a vehicle which is supported only by a jack (or jacks) - always use axle stands.
- * **DO NOT** use the jack if it is damaged.
- * **DO NOT** allow untrained persons to use the jack.
- * **DO NOT** exceed the load capacity of the jack.
- * **DO NOT** use the jack for any purpose other than that for which it is intended.
- * **DO NOT** allow anyone inside, or on, the vehicle to be jacked.

2. INTRODUCTION

Powerful and reliable, ideal for workshop or roadside use. At modest cost, it takes the effort out of lifting heavy plant, tractors and commercial vehicles. Features dead man's control and sectional pump handle for manual operation.

3. SPECIFICATION

Model no:	YAJ18S
Capacity:	18tonne
Min. height:	260mm
Max height (including extension).....	520mm
Piston stroke:	180mm
Screw extension:.....	80mm
Chassis length:	235mm
Width:.....	175mm
Air consumption:	9.5cfm
Working pressure:	102-145psi
Weight:.....	17kg

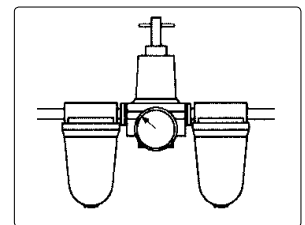
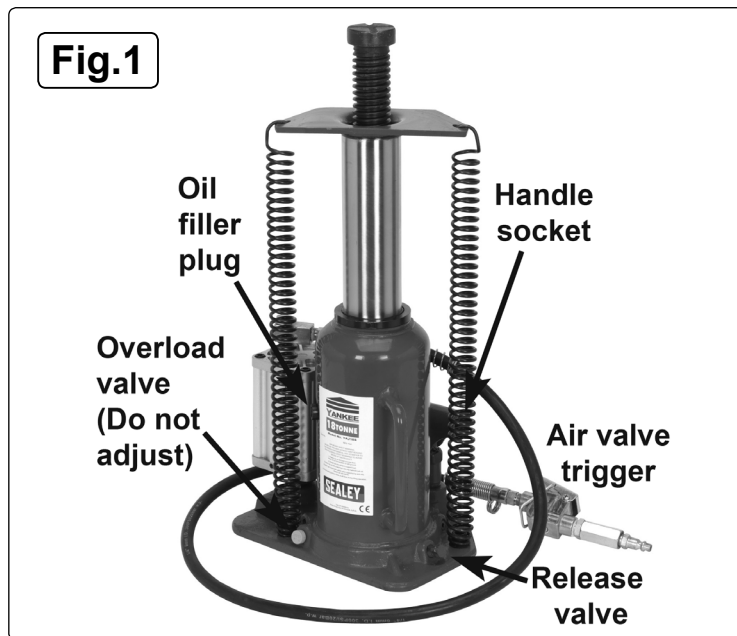


Fig.2

4. OPERATION

Refer to fig.1

- 4.1. Connect air supply.
- 4.2. Insert handle into handle socket.

4.3. PREPARATION

- 4.3.1. Before first use carry out the following:

(a) **Check oil level:** open release valve (not more than three turns) and press down on saddle to ensure piston is fully down, then remove filler plug. Oil should be level with bottom of filler hole. Fill as necessary and replace plug.

(b) **Bleed system:** With release valve open, operate the manual pump for three strokes to bleed any air from the system. Close release valve.

(c) **Lubricate:** Oil the pivots of the manual pump mechanism and the screw thread of the saddle post. Put two or three drops of air tool oil into the inlet of the air valve. Connect to air supply and operate for three seconds to distribute lubricant.

(d) **Air supply:** an air in-line filter is recommended.

4.4. RAISING

- 4.4.1. Ensure compliance with all safety instructions - section 1 Safety.
- 4.4.2. Check that release valve is closed.
- 4.4.3. Position jack so that saddle is under vehicle jacking point. If necessary screw up saddle to just below jacking point. **DO NOT** use handle in the release valve to move jack - damage will result.
- 4.4.4. Press the air valve trigger to raise, release trigger to stop. Alternatively use the handle to operate the manual pump.
- 4.4.5. **Always support the jacked vehicle on axle stands before working on or under it.**

4.5. LOWERING

- 4.5.1. Check beneath vehicle for any obstructions and remove axle stands.
- 4.5.2. **Slowly** open release valve with handle and control the rate of descent by smoothly opening or closing the valve.
- 4.5.3. **Note:** The release valve should not be closed abruptly (except in an emergency) since this shock loads the hydraulic system.
- 4.5.4. After use jack should be stored with the piston and the manual pump socket both fully down.

5. MAINTENANCE

- 5.5.1. Clean and lubricate on a regular basis.
- 5.5.2. Regularly check oil level via filler hole. With piston fully down remove filler plug, oil should be level with bottom of filler hole. Top-up as necessary. Use a good quality jack oil such as Sealey Hydraulic Jack Oil. **Do not use brake fluid.**
- 5.5.3. Annual oil replacement is recommended for jacks in daily use. Remove filler plug and release valve, place jack on its side and allow to drain. Replace release valve and refill with oil. Bleed system as in para. 4.3.1.(b), re-check level and replace filler plug.
- 5.5.4. Ensure no dirt enters hydraulic system when draining, filling or removing/replacing components.
- 5.5.5. Always dispose of waste oil safely and legally. If in doubt consult your local authority.

Owing to their size and weight, hydraulic products should ideally be repaired by local service agents. We have service / repair agents in most parts of the UK. Before returning your product please call our technical helpline on **01284 757505** for advice and trouble shooting guidance.

If the jack is under guarantee please contact your dealer.

6. TROUBLESHOOTING

Jack will not lift load.	1. Release valve not fully closed. 2. Oil level low. 3. Air supply low.	1. Close valve firmly. 2. Top-up to correct level. 3. Min. requirement 3cfm @ 90psi.
Jack will not hold load.	1. Release valve not fully closed.	1. Close valve firmly.
Jack will not lift smoothly or to full height.	1. Oil level low. 2. Air in hydraulic system.	1. Top-up to correct level. 2. Bleed system - see para. 4.1(b).
Jack will not lower completely.	1. Release valve not sufficiently open.	1. Slowly open valve further.

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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