1 TONNE VERTICAL TRANSMISSION JACK

MODEL NO: **1000ETJ**

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.

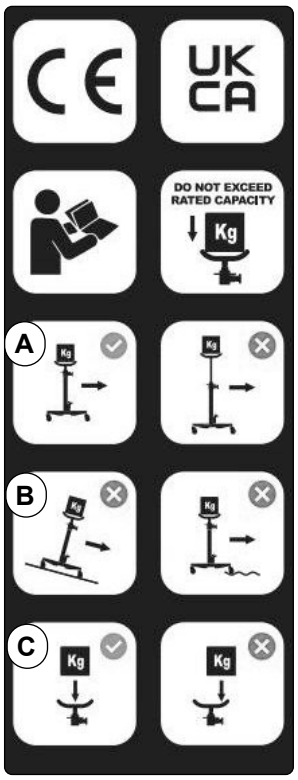


Refer to instruction manual

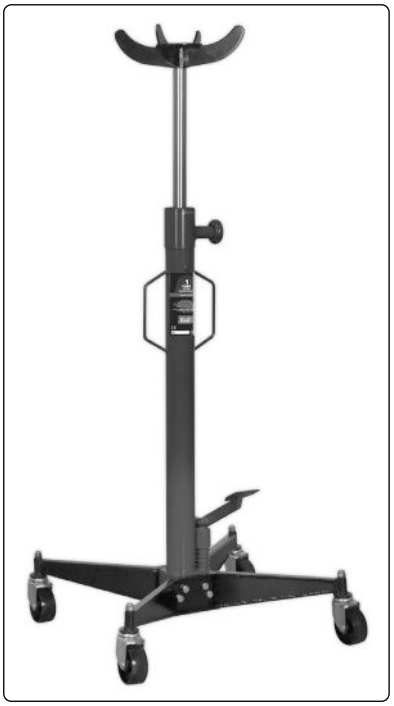


Wear safety footwear

1. SAFETY



- ❑ **WARNING! Ensure all preliminary checks are carefully carried out before use of jack. Immediately repair or replace damaged parts (use authorised service agent). Ensure use of genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.**
- ❑ **WARNING!** Use jack on level and solid ground (B), preferably concrete. Ensure the floor over which the jack will be transported is swept clean.
- ▲ **DANGER! DO NOT use on tarmacadam, or any other soft surface as jack may sink or topple. Serious injury may result if ignored.**
- ▲ **DANGER! If jack tips or leans STOP WHAT YOUR ARE DOING. MOVE QUICKLY TO A SAFE DISTANCE. DO NOT TRY TO HOLD OR STEADY JACK.**
- ✓ Use jack in a suitable work area. Keep the area clean and tidy and free from unrelated materials.
- ✓ Ensure there is adequate lighting.
- ✓ Before use ensure the gearbox weight and size does not exceed the capacity of the jack.
- ✓ Ensure the vehicle is raised and stabilised at the correct height before attempting to move the jack under the vehicle.
- ✓ Ensure the jack saddle is fully lowered (A) and is clean, dry, and oil free before attempting to transport the jack with or without a load.
- ✓ Keep all unauthorised persons away from the jack during lifting and lowering and when in transit.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip safety shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery, and contain and/or tie back long hair.
- ❑ **WARNING!** Ensure that the load is placed level and centrally on the jack saddle (C) and that it is fixed in place before attempting to lift,lower or transport the load.
- ✓ The lowering speed will vary according to the weight of the load and the release valve setting.
- ✓ Diligence is required in ensuring that you continually monitor the operation until completed.
- ✓ Should the jack make any abnormal sounds during use, **STOP IMMEDIATELY** and contact your local service agent.
- × **DO NOT** operate the jack if any parts are damaged or missing.
- × **DO NOT** exceed the rated capacity of the jack.
- × **DO NOT** raise or lower vehicle lifting platform whilst the transmission jack is being used.
- × **DO NOT** transport the jack with, or without a load, with the saddle in the raised position.
- × **DO NOT** get the jack wet, or use it in damp or wet locations or areas where there is condensation.
- × **DO NOT** operate the jack when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- × **DO NOT** lift or support vehicles with the jack and **DO NOT** use the jack as a load-sustaining device.
- × **DO NOT** use the jack for any purpose other than removal, transportation and the installation of transmissions.
- × **DO NOT** make any modifications to the jack.
- × **DO NOT** adjust, or tamper with, the safety valve.
- × **DO NOT** remove any labels from the jack. If the labels are damaged or unclear, replace them.
- × **DO NOT** use brake fluid to top up the hydraulic unit. Use Sealey hydraulic oil only.
- ✓ Use a qualified person to lubricate and maintain the jack.
- ✓ Before storing the jack in a safe area, ensure that all parts are clean and free of grease and oil, especially the saddle.



2. INTRODUCTION

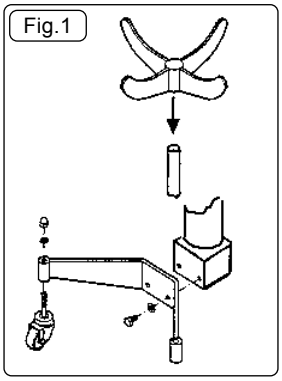
Manufactured to exacting standards and suitable for general workshop applications. Model features dead man's handle for added safety and strong construction for durability. This economy hydraulic unit is slightly smaller than other models in the range. Can be fitted with Adjustable Gearbox Support - check specification in table.

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3. SPECIFICATION

Model No:.....1000ETJ
Base Size:.....535 x 585mm
Capacity:..... 1000kg
Fixed/Adjustable Saddle:..... Fixed
Maximum Saddle Height: 1910mm
Minimum Saddle Height: 1100mm
Optional Accessories:ADT5 - Adjustable Gearbox Support
Ram Extensions: 1

4. ASSEMBLY



4.1. Unpack the product and check contents. Should there be any damaged or missing parts contact your supplier immediately.
4.2. Assemble wheels as in fig.1, for both sides of the jack base.
4.3. Screw legs to base of the stand and check that the stand is at a right angle to a horizontal plane, then tighten the leg screws.
4.4. Place the saddle on the end of the hydraulic ram.
4.5. Loosen the operating plug at the top of the hydraulic ram.
4.6. The transmission jack is now ready for use.

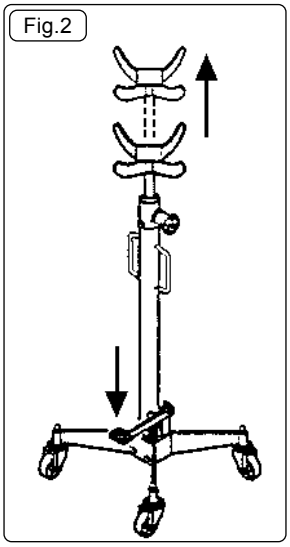
5. PRE-USE CHECK LIST

IMPORTANT: Before each use, check jack is in sound working order. Use the following list to form a habitual pre-check procedure.
Check the unit for the following: Damage, Distortion, Leaning, Worn or missing components. The following must also be checked:

1. Saddle base
2. Piston rod
3. Cylinder/Hydraulic unit
4. Stopper rings and cotter pins
5. All nuts and bolts
6. All seals
7. Jack main frame
8. Foot pumps
9 Swivel caster wheels
10. Transport handle

❑ **WARNING! DO NOT** use jack if any suspect part is found, or if believed to have been subjected to abnormal load or shock. Immediately remove from service and contact your authorised service agent.
IMPORTANT: Before using the jack for the first time, purge the hydraulic circuit in order to eliminate any air, that may have accumulated in the system during transit, as follows:
5.1. Open the release valve by turning knob anti-clockwise and hold the valve open.
5.2. Operate the foot pedal 15 to 20 times.
5.3. Release the valve (which will turn clockwise to close the valve).

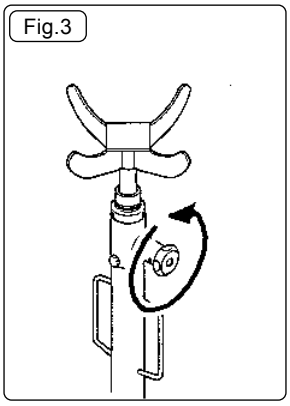
6. OPERATION



❑ **WARNING!** Before use ensure you have read, understood and apply Section 1 safety instructions.
❑ **WARNING!** Ensure you prepare vehicle correctly before attempting to use the Transmission Jack.

6.1. POSITIONING JACK BENEATH LOAD
Before use ensure the transmission weight and size does not exceed the capacity of the jack.
6.1.1. Ensure the vehicle from which the gearbox is to be removed is correctly positioned, handbrake applied and raised to allow the transmission jack to be positioned correctly.
6.1.2. Ensure there are no other persons around or under the vehicle.
6.1.3. Ensure saddle is in its lowest position and use handle to transport and centrally position jack beneath vehicle transmission.
6.1.4. Pump the jack foot pedal and the saddle will rise (fig 2).
6.1.5. When saddle is just beneath the transmission re-adjust alignment if necessary to centralise the saddle.

6.2. LOWERING THE LOAD
❑ **WARNING!** Ensure the load is central and stable on the jack saddle and load is fixed in place before attempting to lift, lower, or transport.
6.2.1. SLOWLY turn the release valve knob anti-clockwise (fig 3) to ***GENTLY*** lower saddle to the lowest minimum height before attempting to transport load.
IMPORTANT: The unit is fitted with a “Dead Man” release valve which will automatically return to the closed position when the knob is released. The unit is also fitted with decent control for a constant lowering speed.



6.3. TRANSPORTING THE LOAD
❑ **WARNING!** Ensure you have read, understood and apply Section 1 safety instructions.
6.3.1. Ensure the jack saddle is fully lowered and load is fixed in place before attempting to lift, lower, or transport.
6.3.2. Transport the load over level and solid ground, preferably concrete, and ensure the floor is swept clean beforehand.
6.3.3. Be diligent in continually monitoring the load in transit. Keep all other persons at a safe distance.
▲ ***DANGER!*** **DO NOT** use on tarmacadam, or any soft surface as jack may sink or topple. Serious personal or fatal injury may result.
▲ ***DANGER! If jack tips or leans STOP WHAT YOUR ARE DOING. MOVE QUICKLY TO A SAFE DISTANCE. DO NOT TRY TO HOLD OR STEADY JACK.***
NOTE: This jack may be used with appropriate adaptors in order to handle such components as rear axle units and transfer cases that are within the weight limitations of the jack.

6.4. RE-INSTALLING A GEARBOX
6.4.1. To transport, reposition beneath a vehicle, and raise a load up, reverse the procedures outlined above.

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7. MAINTENANCE

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

7.1. When the jack is not in use, the saddle must be in the lowest position to minimise ram and piston corrosion.

7.2. Keep the jack clean and wipe off any oil or grease. Lubricate all moving parts with acid free oil.

7.3. The oil cylinder is a sealed unit and must not be accessed. For service contact your authorised service agent.

❑ **WARNING!** Only a good quality Jack oil, such as SEALEY HYDRAULIC JACK OIL (Part No: HJO500MLS or HJO5LS) must be used, **DO NOT** use brake fluid.

7.4. Before each use, follow the pre-check list to ensure components are in good working order. If any suspect item is found remove jack from service and take necessary action to remedy the problem.

DO NOT use the jack if you believe it has been subjected to an abnormal load or shock. If in doubt contact your authorised service agent.

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

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THE JACK.

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 01284 757500 to obtain address and 'phone number of your local agent.*

If Jack is under guarantee please contact your stockist.

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.

8. TROUBLESHOOTING

IMPORTANT: Although the following may identify a problem, we recommend the problem be resolved by an authorised service agent.

PROBLEM	CAUSE	SOLUTION
Jack will not lift	No hydraulic oil, or defective suction valve or delivery valve Release valve is open	Contact authorised service agent. Close release valve.
Jack will only lift halfway	Hydraulic oil low, or excess of hydraulic oil	Contact authorised service agent.
Raised load will not hold	Defective valves, or defective piston packing	Contact authorised service agent
Poor lifting	Defective plunger packing	Contact authorised service agent.

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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