



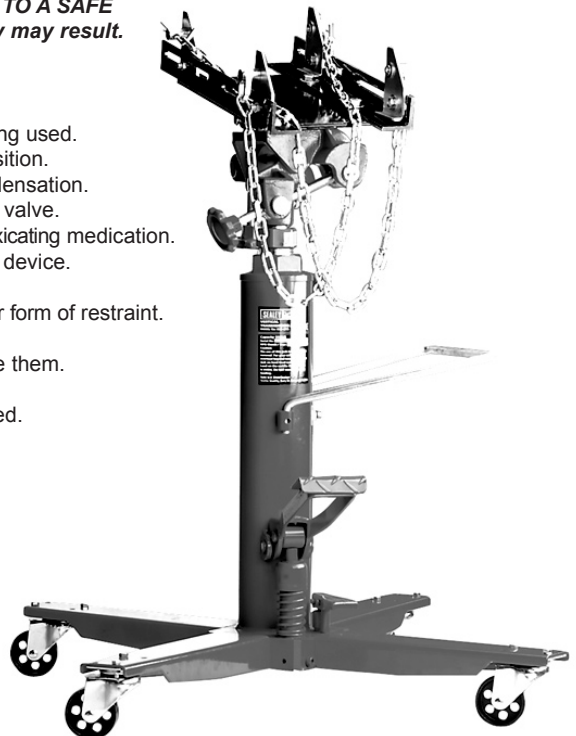
INSTRUCTIONS FOR:
TELESCOPIC TRANSMISSION JACK
 MODEL No: **800GTA.V2**

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!
 BEFORE USING THIS PRODUCT, PLEASE READ THE INSTRUCTIONS CAREFULLY. MAKE CAREFUL NOTE OF SAFETY INSTRUCTIONS, WARNINGS AND CAUTIONS. THIS PRODUCT SHOULD ONLY BE USED FOR ITS INTENDED PURPOSE. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE.

1. SAFETY INSTRUCTIONS

- WARNING!** Ensure all preliminary checks are carefully carried out before using the 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 the jack on level and solid ground, preferably concrete. Ensure that the floor over which the jack will be wheeled is swept clean.
- ▲ **DANGER! DO NOT use on tarmacadam, or any other soft surface, as the jack may sink or topple. Serious or fatal injury may result.**
- ✓ Use the jack in a suitable work area and keep area clean and tidy and free from unrelated materials. Ensure there is adequate lighting.
- ✓ Before use ensure that the gearbox weight and size does not exceed the capacity of the jack.
- ✓ Ensure that the vehicle is raised and stabilised at the correct height before attempting to move the jack under the vehicle.
- ✓ Keep all unauthorised persons away from the jack during lifting, lowering and when transporting the gearbox on the saddle.
- ✓ Maintain correct balance and footing. Ensure that the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothes. Remove ties, watches, rings, and other loose jewellery, and contain and/or tie back long hair.
- WARNING! Ensure load is placed level and centrally on jack saddle and is fixed in place before attempting to lift, lower, or transport.**
- ✓ Lowering speed will vary according to the weight of the load and the release valve setting.
- WARNING! Always use load restraint chains, corner support bracket, and attachments to stabilise and secure the load to saddle.**
- ✓ Ensure that the chain is tight and correctly positioned to effectively harness the load.
- ✓ Always transport the jack with the saddle fully down in lowest position.
- ✓ Diligence is required in ensuring that you continually monitor the operation until completed.
- ✓ If the jack emits any abnormal sounds during use, STOP and contact your local service agent.
- ▲ **DANGER! If jack tips or leans STOP WHAT YOU ARE DOING. MOVE QUICKLY TO A SAFE DISTANCE. DO NOT TRY TO HOLD OR STEADY JACK. Serious or fatal injury may result.**
- WARNING! DO NOT operate jack if any parts are damaged or missing.**
- x DO NOT exceed the rated capacity of the jack.
- x DO NOT place any part of your body within or under the jack during use.
- x DO NOT raise or lower the vehicle lifting platform whilst the transmission jack is being used.
- x DO NOT transport the jack, with or without a load, with the saddle in the raised position.
- x DO NOT get jack wet or use in damp or wet locations or areas where there is condensation.
- x DO NOT make any modifications to jack. DO NOT adjust or tamper with the safety valve.
- x DO NOT operate jack when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x DO NOT lift or support vehicles with jack, and do not use jack as a load sustaining device.
- x DO NOT use the jack for any purpose other than for vehicle transmissions.
- x DO NOT use jack without restraint chains and DO NOT replace chains with an inferior form of restraint.
- x DO NOT use brake fluid to top up hydraulic unit. Use Sealey hydraulic oil only.
- x DO NOT remove any labels from the jack. If labels are damaged or unclear replace them.
- ✓ Use qualified person to lubricate and maintain the jack.
- ✓ Before storing ensure jack is clean, free of grease and oil and saddle is fully lowered.



2. INTRODUCTION & SPECIFICATION

The 800GTA Telescopic Transmission Jack has been manufactured to a high specification and is equipped with a telescopic two-stage hydraulic ram for greater range, precise load control and rapid lift. A foot operated pump system for raising and lowering allows you to use both hands to position the saddle under the gearbox. It is equipped with a wide base and with swivel ball bearing caster wheels, for stability and manoeuvrability. The saddle tilts 12° left, 12° right and 40+° forward and backward for precise alignment.

SPECIFICATION:

Rated capacity	800kg	Saddle backward tilt	46°
Saddle height (min.)	1025mm	Saddle right/left tilt	12°
Saddle height (max)	1950mm	Base length/width	760/760mm
Ram	2-Stage	Saddle length	450mm
Saddle forward tilt	42°	Saddle width max/min	330/225mm

3. ASSEMBLY INSTRUCTIONS

Use the Parts List diagram in conjunction with the following instructions to assist in assembly.

- WARNING! Failure to assemble the jack correctly may result in serious damage and/or personal injury.**
- 3.1. Attach a castor (104) to each of the legs (101) with screws (105), washers (106) and nuts (107).
- 3.2. Attach legs to hydraulic unit (001) using screws (103) and washers (102). Before finally tightening screws ensure that all four castors are on the ground and the hydraulic unit is vertical.
- 3.3. Attach the handle (014) to the hydraulic unit using screws (013).
- 3.4. Attach saddle assembly to upper end of hydraulic unit and locate with screw (204).
- 3.5. Attach saddle plate (203) to saddle with pin (207) and snap rings (208).
- 3.6. Slide bearing (212) onto end of adjuster (209) and fit end of adjuster through pin (211) in head plate. Fit bearing (212) and nut (213) to end of adjuster.
- 3.7. Assemble saddle brackets (215) to saddle plate using screws (216), washers (217) and nuts (218).
- 3.8. Fit restraint chain brackets (219 and 220 - 2 off each) and chains.

4. PRE-USE CHECK LIST

- WARNING! DO NOT use the jack if any suspect part is found, or if you believe the jack to have been subjected to abnormal load or shock. Immediately remove from service and contact your authorised service agent.**

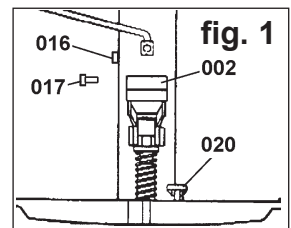
IMPORTANT: Before EACH use, check that jack is in sound working order. Use the following list to form an habitual pre-check procedure. Check that items are not: *broken, cracked, bent, malfunctioning, distorted, worn, loose, damage to welds, leaking, dirty, noisy or missing.*

- | | | |
|--------------------------------|---|---|
| 1.. . . . Saddle attachments | 6.. . . . Handle | 11.. . . . Jack main frame/legs |
| 2.. . . . Saddle base | 7.. . . . Cylinder/Hydraulic unit | 12.. . . . Pump handle and/or foot pump |
| 3.. . . . Saddle tilt controls | 8.. . . . Stopper rings and cotter pins | 13.. . . . Swivel castor wheels |
| 4.. . . . Tilt mechanism | 9.. . . . All nuts and bolts | 14.. . . . Chains, hooks & pins |
| 5.. . . . Piston rod | 10.. . . . All seals | |

IMPORTANT: BEFORE FIRST USING JACK PURGE AIR FROM THE HYDRAULIC CIRCUIT.

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:

1. Remove transit screw (fig.1.016) and replace with attached air bleed screw (017). Retain transit screw for future use.
2. With ram fully retracted depress and hold down release pedal (020), then pump foot pedal (002) for about 20 strokes (assistance will be required).
3. If jack does not operate correctly after this then raise ram as far as possible and loosen bleed screw (053) in top cylinder nut. Push ram down, to expel any air, until oil appears from bleed screw. Tighten screw.



5. OPERATING INSTRUCTIONS

5.1. SADDLE TILT MECHANISM

Adjusting the pitch and tilt of saddle will assist you to support and transport the transmission safely. The saddle (fig.2. A) may be tilted left or right 12° by turning knob 'B' and forward or backward 40+° by turning 'C'. The saddle brackets 'D' can be adjusted, on slotted holes, to give a saddle width from 225 to 330mm.

5.2. POSITIONING JACK BENEATH LOAD

- WARNING! Ensure that you prepare vehicle correctly before attempting to use the jack.**
- WARNING! Before use ensure that you read, understand and apply Section 1 safety instructions.**

Before use ensure that the transmission weight and size do not exceed the capacity of the jack.

- 5.2.1. Ensure that the vehicle from which the gearbox is to be removed is correctly positioned, raised and locked on an appropriate lift system.

- 5.2.2. Ensure that there are no other persons around or under the vehicle.
- 5.2.3. Ensure that the saddle is in the lowest position and use handle (014) to move and centrally position the jack beneath the gearbox.
- 5.2.4. Check that the release pedal is fully closed, and pump foot pedal to raise saddle to the load.
- 5.2.5. When the saddle is just beneath transmission re-adjust alignment if necessary to centralise saddle.
- 5.2.6. Position so that the load weight will be equally distributed on saddle, and adjust pitch and tilt controls (fig. 2) to suit gearbox.
- 5.2.7. Position, adjust and tighten corner support brackets and secure load.

- WARNING! Never put transmission on the saddle by lowering the vehicle. Always raise jack to transmission.**

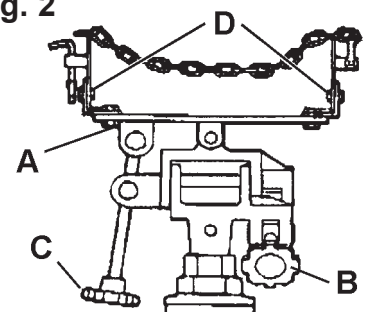
5.3. LOWERING THE LOAD

- WARNING! Ensure that the load is central and stable on the jack saddle before attempting to lower.**

5.3.1. **SLOWLY** depress the release pedal (fig. 1. 020) to **GENTLY** lower the saddle to minimum height before attempting to transport the load.

IMPORTANT: Speed of lowering is controlled by amount you depress the pedal. The more the pedal is depressed the more rapid the saddle descent. Ensure that the descent is slow and controlled to avoid the risk of sudden dropping.

fig. 2



5.4. TRANSPORTING THE LOAD

WARNING! Ensure you have read, understood and apply Section 1 safety instructions.

- 5.4.1. Ensure the jack saddle is fully lowered, then secure the load by placing the support chains over the load, pull taut and engage with hook on opposite side of the saddle. Tighten wing nut.
- 5.4.2. Transport the load over level and solid surfaces only, preferably concrete, and ensure that the floor is swept clean.
- 5.4.3. Continually monitor 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 or fatal injury may result.**
- ▲ **DANGER! Should jack tip or lean for any reason STOP WHAT YOUR ARE DOING AND MOVE QUICKLY TO A SAFE DISTANCE. DO NOT TRY TO HOLD OR STEADY the JACK. Serious personal or fatal injury may result.**
- 5.5. **RE-INSTALLING A TRANSMISSION**
To transport, reposition beneath a vehicle, and raise a load up, reverse the procedures outlined above.

6. MAINTENANCE

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

- 6.1. When the jack is not in use, the saddle must be in the lowest position to minimise ram and piston corrosion.
- 6.2. Oil moving parts, and grease the tilt mechanism. Wipe excessive oil and grease off and keep jack clean.
- 6.3. Check hydraulic oil regularly with the saddle in the lowest position.
 - a) Remove air bleed screw (fig.1.017) and add oil, if necessary, via screw hole.
 - b) The hydraulic oil should be changed once a year. Contact your authorised dealer for information.
- WARNING! Use only good quality jack oil, such as SEALEY HYDRAULIC JACK OIL. DO NOT use brake fluid as this will damage the seals.**
- 6.4. Before each use check for any visible damage to welds and ensure components are not damaged, broken, cracked, bent, malfunctioning, distorted, worn, loose, leaking, dirty, noisy or missing (see Section 4). 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 to have been subjected to abnormal load or shock. Inspect and take appropriate action.
- 6.5. 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 MACHINE.

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 dealer.

De-commissioning: Should the jack become completely unserviceable, draw off the oil into an approved container and dispose of the jack and the oil according to local regulations.

7. TROUBLESHOOTING

IMPORTANT! Although the following may identify a problem, in most cases the problem must be resolved by your authorised service agent.

PROBLEM	CAUSE	SOLUTION
Jack will not lift.	Release valve is open or no hydraulic oil. Defective suction valve or delivery valve.	Close release valve, adjust oil level. Contact authorised service agent.
Jack will only lift halfway.	Hydraulic oil low, or excess of hydraulic oil.	Adjust oil level.
Jack will not hold load.	Defective valves, or defective piston packing.	Contact authorised service agent.
Poor lifting.	Defective plunger packing.	Contact authorised service agent.
Saddle tilt screw too tight.	Bolts and nuts may be bent or rusted.	Check, clean, oil or replace items.
Jack will not lower.	Release valve blocked by foreign object.	Clear any items from around pedal.

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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