GB

2.25 TONNE
TROLLEY JACKS

66864, 69671, 70942 & 69402

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

1. TITLE PAGE

1.1 INTRODUCTION:

USER MANUAL FOR: 2.25 Tonne Trolley Jacks
Stock No's: 66864, 69671, 70942 & 69402
Part No's: TJ100B, TJ100G, TJ100O & TJ100W

1.2 REVISIONS:

Date first published August 2018.

As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: http://drapertools.com/manuals

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1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:

WARNING! – Information that draws attention to the risk of injury or death.
CAUTION! – Information that draws attention to the risk of damage to the product or surroundings.

1.4 COPYRIGHT © NOTICE:

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3. GUARANTEE

3.1 GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact:

Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England.

Telephone Sales Desk: (023) 8049 4333 or:

Product Helpline (023) 8049 4344.

A proof of purchase must be provided.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee period covering parts/labour is 12 months from the date of purchase except where tools are hired out when the guarantee period is 90 days from the date of purchase. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.

4. INTRODUCTION

4.1 SCOPE

These jacks are designed for light duty domestic use. To lift vehicles to the maximum stated weight limit.

4.2 SPECIFICATION

Stock No's: ..... 66864, 69671, 70942 & 69402
Part No's:..... TJ100B, TJ100G, TJ100O & TJ100W
Rated load 2250kg
Maximum lifting range .....73 - 495mm

Warning – extremely important!

- Read these safety instructions carefully in addition to the instructions for use, operation and maintenance. Keep this instructions sheet in an easy to find place as you may need to use it again.
- Adequate protective/safety footwear must be worn.

This jack has been designed for use in the elevation of vehicles. Any other application, beyond the conditions established for use of this jack will be considered inappropriate.

– Handle the jack correctly and ensure that all parts are in good condition prior to its use.
– Only authorised persons should operate the jack having read carefully and understood the contents of this manual.
– Do not modify the jack in any way.
– Non-compliance with these rules may result in injury or damage to the user, the jack or the vehicle to be lifted.
– The manufacturer accepts no responsibility for the improper use of the jack.

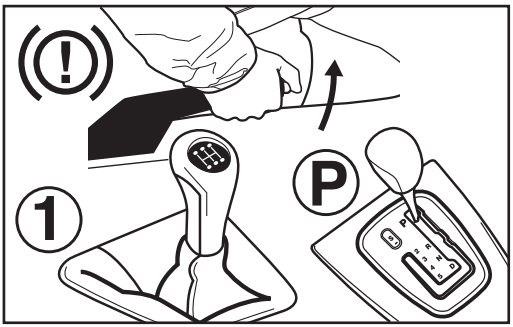
4.3 HANDLING AND STORAGE

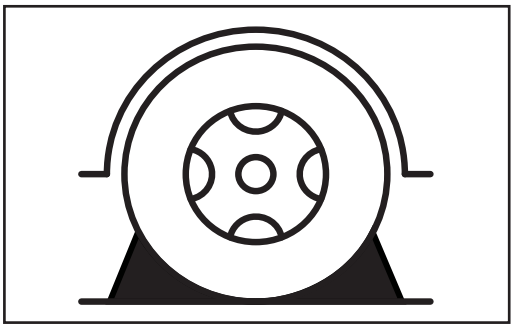
Care must still be taken when handling and lifting. Dropping this jack will have an effect on the jack and may also result in personal injury. This jack is not a toy and must be respected.

The environment will have a negative result on its operation if you are not careful. If the air is damp, components will rust. If the jack is unprotected from dust and debris; components will become clogged: and if not cleaned and maintained correctly or regularly the jack will not perform at its best.

5. HEALTH AND SAFETY INFORMATION

5.1 BEFORE POSITIONING THE JACK, YOU SHOULD ENSURE THE FOLLOWING:





i. Vehicle should be clear of all passengers. Transmission should be in gear (or 'Park' for automatic transmissions) and the handbrake applied.

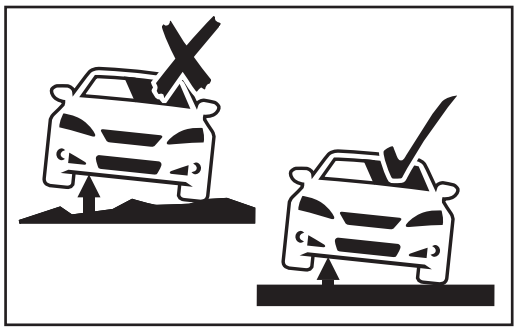
ii. To prevent vehicle from movement, wheels should be securely blocked with wheel chocks (Draper Stock No.54500).

5.2 CORRECT POSITIONING:

The jack should be positioned under the approved lifting points for the vehicle. Since these points may vary with each vehicle, it is important to refer to the vehicle manufacturer's or Haynes workshop manuals.

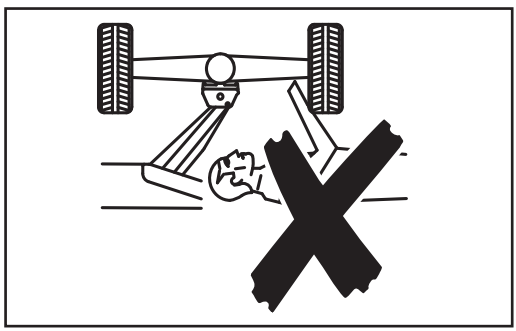
5.3 TERRAIN:

The jack should be operated on a hard and level surface as the location will permit, concrete is preferred.



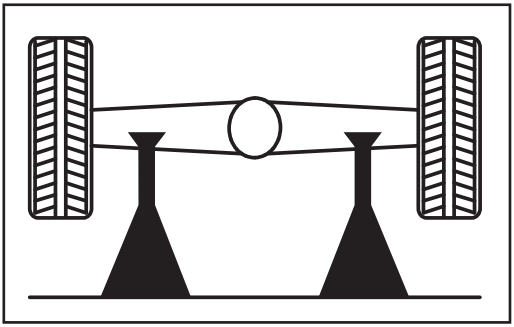
5.4 NEVER EXCEED THE JACK'S RATED CAPACITY.

Never work under a vehicle without axle stands correctly supporting the vehicle weight.



5.5 WORKING UNDER THE VEHICLE:

It is extremely important, when working under the vehicle, to ensure axle stands are always used.



5.6 SAFETY PRECAUTIONS

1. The vehicle to be lifted should never exceed the rated capacity of the jack.
2. The maximum stroke of the jack indicated on the label should never be exceeded.
3. The jack should be supported on a solid, level and horizontal surface which is well illuminated and free of obstructions. Never stand the jack on a surface which may sink.
4. Ensure that there are no persons inside the vehicle to be lifted. Switch off the engine and apply the brake. Ensure the vehicle or element to be lifted against any type of sliding. Use chocks if appropriate (1). Do not enter the vehicle or start the engine whilst it is supported on the jack or appropriate stands. The jack is a lifting device only and should never be used to move the vehicle.
5. Position the jack under the manufacturer's recommended lifting point for the vehicle and ensure that it is not corroded, dirty or greasy. This point should remain centred over the jack saddle. All off-centred loads can slip and accidents may result.
6. During raising and lowering of the load, all precautions should be taken to avoid movement of the vehicle load. Traffic may cause the raised vehicle to rock during roadside use of the jack.
7. The jack should be positioned so as to avoid the need for the user to introduce any part of his/her body underneath the vehicle. Never work under a raised vehicle without supporting it with axle stands (5) or other appropriate methods. Never position any part of your body near the movable elements of the jack.
8. It is necessary for the operator to be able to observe the lifting device and the load during all movements. In the presence of dangerous conditions, such as movement of the vehicle, etc, the lifting process must be interrupted.
9. Ensure that there are no persons or obstructions underneath the vehicle prior to lowering.
10. As an additional safety measure against overload, the jack is fitted with an overload valve set at the factory and which should not be adjusted under any circumstances. If the capacity of the jack is exceeded, the overload valve will stop the lifting operation.

Caution:

- Use only on a firm, level surface, concrete is preferred.
- Do not exceed the rated capacity of this jack.
- This is a lifting device only...do not work under the vehicle without proper support devices, such as axle stands.
- Make sure that the lifting point is stable and correctly centred on the jack saddle.
- Familiarize yourself thoroughly with this manual before operating to prevent damage to the jack, property, or personal injury.

6. OPERATING INSTRUCTIONS

6.1 OPERATING

1. Prior to operating the jack, remove any accumulated air from the system as follows:
2. Handle assembly:
   – Join two halves of the handle shaft and secure with bolt provided.
   – Insert handle shaft into base socket and secure with bolt.
3. Rotate the handle anti-clockwise then pump the jack several times with its full stroke to ensure internal lubrication and bleed the accumulated air from the system.
4. Rotate handle clockwise to close the valve completely. The jack is now ready to be used.
5. **Important:** Prior to lifting the load, ensure that all of the aforementioned safety instructions are followed.
6. The wheels of the jacks should always rotate freely.
7. For lifting:
   Pump the handle to position jack saddle pad into position below approved vehicle lifting point (check correct position with vehicle manufacturer before lifting).

   Once jack contacts the lift point move the handle up and down, using the full stroke range of the piston for greater speed.

   Secure the lifted load as an essential safety measure with an appropriate axle stand.
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.

   Carefully twist the handle anti-clockwise to gently lower the load.

7. MAINTENANCE

7.1 MAINTENANCE

1. **Important:** Both the 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.
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.
3. Only original spare parts should be used.
4. Prior to each use, check for bent, broken, cracked or loose parts. Do not use if any defects are present. If it is suspected that the jack has been subjected to abnormal loads or has suffered any knocks, withdraw it from service until the problem has been rectified.
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 of oil required.
6. Make sure that no dirt enters with the new oil.
7. Following a period of prolonged intensive use, it is recommendable to change the oil in order to extend the useful life of the jack.
8. **Important:** An excess of oil to the volume required may render the jack inoperative.
9. Only use suitable hydraulic oil. Never use brake fluid.
10. When the jack is not in use, make sure the lifting arm is fully retracted to avoid corrosion. Apply an anti-corrosion product to the pistons, if appropriate.
11. Keep the jack in a clean, dry place and out of children's reach. Remove the operating handle.
12. At the end of the useful life of the jack, drain off the oil and hand it over to an authorised agent and dispose of the jack in accordance with local regulations.

8. DISPOSAL

8.1 DISPOSAL

– At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.
– Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Prior to decommissioning, remove the oil from the jack and dispose of in line with local authority guidelines.
- Do not abandon in the environment.

NOTES

CONTACTS

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General Enquiries: (023) 8026 6355

Service/Warranty Repair Agent:
For aftersales servicing or warranty repairs, please contact the Draper Tools Helpline for details of an agent in your local area.

YOUR DRAPER STOCKIST

MSJB0718

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