DRAPER

EN

Original Instructions
Version 3 – October 2026

2 TONNE
TROLLEY JACK

54635



UK CA CE

1. Preface

These are the original product instructions. Read the instruction manual in full and retain for future reference.

Please visit **drapertools.com/manuals** for the latest version of this manual and the associated parts list, if applicable.

1.1 Product Reference

User Manual for: 2 Tonne Trolley Jack

Stock No: 54635

Part No: TJ2LD/BB

1.2 Revisions

Version 1: May 2018
First release

Version 2: July 2023

Version 3: October 2026

1.3 Understanding the Safety Content of This Manual

WARNING! – Situations or actions that may result in personal injury or death.

CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

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3. Product Introduction

3.1 Intended Use

This trolley jack is designed for the elevation of vehicles of up to the stated maximum weight limit as part of domestic and light-duty commercial use.

This product complies with the requirements defined by EN 1494.

Any other application beyond the conditions established for use will be considered misuse. Draper

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

3.2 Specification

Stock No.	**54635**
Part No.	**TJ2LD/BB**
Capacity (safe working load)	2,000kg
Maximum lifting range	130 – 330mm
Saddle diameter (approx.)	50mm
Handle length (approx.)	425mm
Chassis length	440mm
Net weight	8.3kg

4. Health and Safety Information

Important: Read all Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the vehicle to be lifted. Draper Tools accepts no responsibility for improper use of this jack.

4.1 General Health and Safety Precautions

- Only authorised personnel who have carefully read and understood this manual should operate this product.
- **ALWAYS** wear adequate protective footwear when using the jack.
- **ALWAYS** ensure that the working area is well illuminated and free from obstructions.
- Keep bystanders at a safe distance during operation.
- Allow a minimum distance of 0.5m between the vehicle and surrounding objects to allow the vehicle to tip when lifted.
- The wheels of this product **DO NOT** lock.
  - Ensure that the jack will not roll once positioned for use.
- Care must be taken when handling and lifting.
  - Dropping the jack may result in damage to the product or personal injury.
- **DO NOT** modify this product in any way.
- Stay alert to external interference that may cause the raised load to rock during preparation and operation.
- When not in use, lower the lifting arm, put the handle shaft into an upright position and twist it clockwise until strong resistance is felt.
  - This prevents the handle shaft from creating a trip hazard and holds it in the upright position.
  - Alternatively, lower the lifting arm, remove the handle shaft and lay it flat on the floor.
- This jack does not emit noise that exceeds a level of 70dB(A) during operation.

4.2 Preparing the Vehicle to be Lifted

WARNING! DO NOT lift the vehicle if it may result in the spillage of dangerous substances, including fuel or battery acid.

- Ensure that there is no one inside the vehicle.
- Switch off the engine and apply the handbrake.
- Put the vehicle into gear (for manual transmission) or "Park" (for automatic transmission).



Fig. 1

- Take any necessary precautions to prevent the vehicle from sliding.
  - Grounded wheels should be securely blocked with wheel chocks.

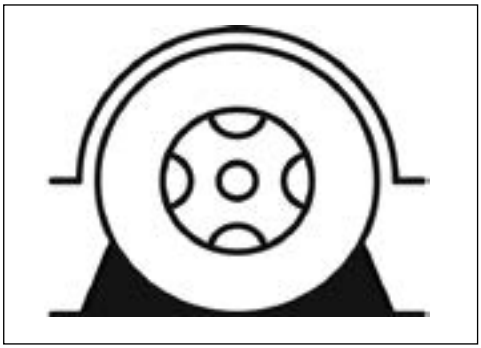


Fig. 2

4.3 Correct Use of the Jack

Important: The jack is a lifting device **ONLY** and should never be used to move the vehicle. The vehicle to be lifted should never exceed the rated capacity of the jack.

- **ALWAYS** bleed the jack piston before use.
- **ONLY** operate the jack on solid, level and horizontal surfaces.
  - A concrete surface is recommended, where possible.

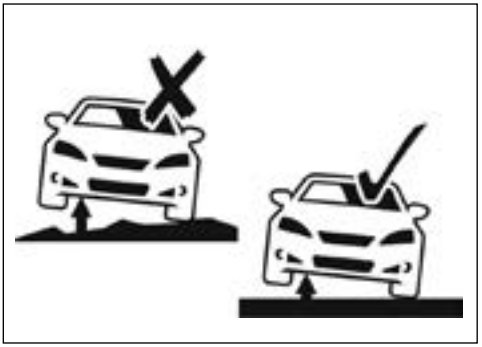


Fig. 3

  - All four wheels of the jack should be in contact with the operating surface when in use.

WARNING! Never use the jack on any surface that is slippery or may sink or rock.

- When positioning the jack, **ALWAYS** use the manufacturer's recommended lifting point.
  - These points vary between vehicles; consult the manufacturer's manual or the Haynes workshop manual for the specific vehicle information.
- Ensure that the lifting point is not dirty, greasy or corroded.
- The lifting point must remain centred over the saddle during raising and lowering; off-centred loads may slip and cause injury.

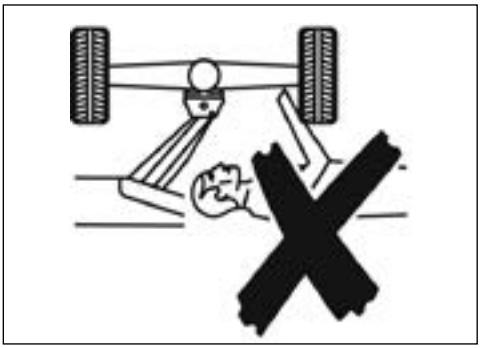


Fig. 4

- Position the jack so that no part of the operator is required to be underneath the vehicle at any time during lifting or lowering.

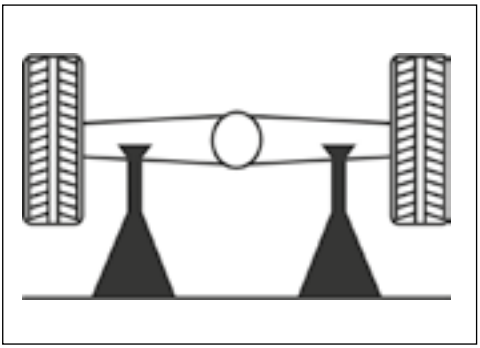
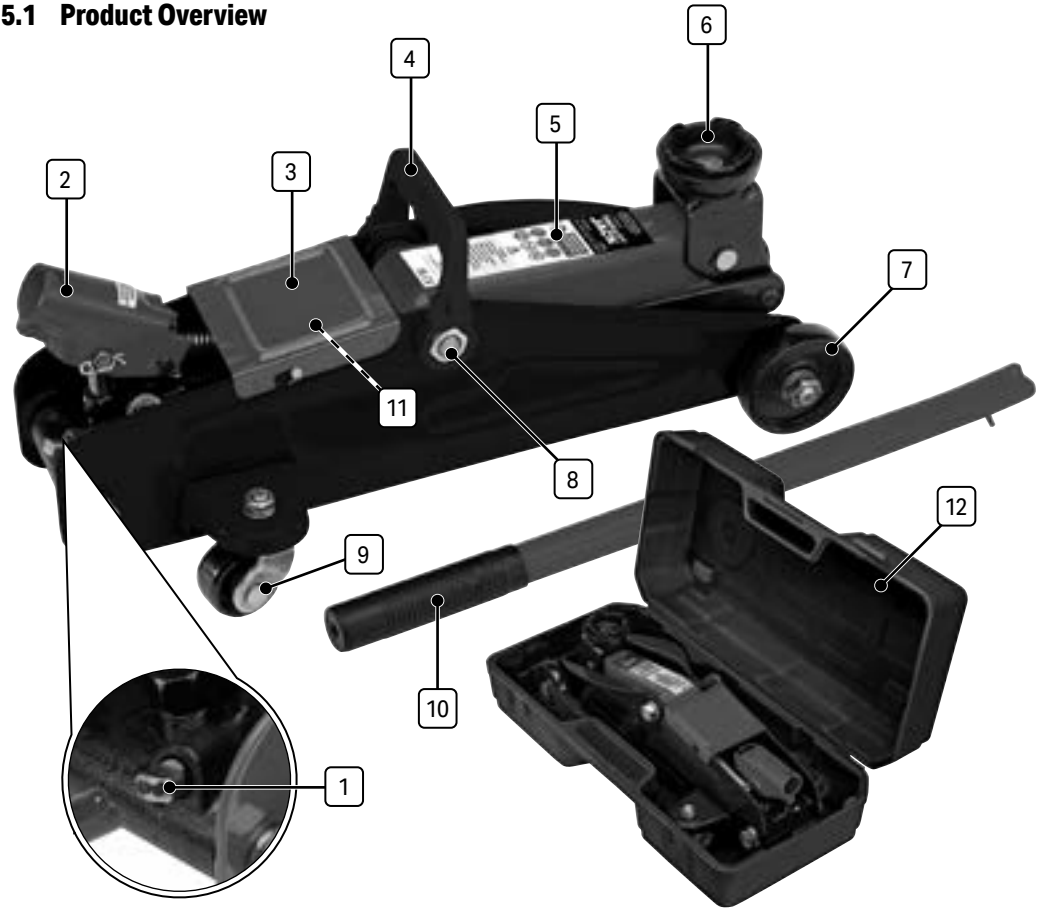


Fig. 5

- Keep clear of all movable parts of the jack mechanism when in use.
- To prevent overloading, the jack is fitted with an overload valve set at the factory.
  Important: The overload valve should not be adjusted under any circumstances. If the capacity of the jack is exceeded, the valve will prevent the lifting operation.
- Take all precautions to prevent movement of the vehicle during raising and lowering.
  - Be aware that traffic and other external forces may cause the load to rock if used at the roadside.
- Remain alert and observe the load at all times during operation.
  - Should any dangerous conditions occur, including unexpected movement of the vehicle, cease all operation until these conditions have been rectified.
- **NEVER** work under a raised vehicle without using the correct axle supports or other appropriate supporting methods.
- **DO NOT** enter the vehicle or start the engine while it is supported on the jack or axle stand.
- **NEVER** leave the jack unattended when in use.
- **NEVER** detach the handle shaft while the jack is under load.
- **ALWAYS** ensure that there are no persons or obstacles beneath the vehicle before lowering.

5. Identification and Unpacking

5.1 Product Overview



1	Release valve	6	Saddle	11	Oil filler plug (under cover plate)
2	Handle Socket	7	2 × Wheels	12	Carry case
3	Cover plate	8	Fulcrum bar		
4	Carry handle	9	2 × Castors		
5	Lifting arm	10	Handle		

5.2 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit **drapertools.com** for our full range of accessories and consumables.

6.1 Preparing the Jack

Prepare the jack correctly before each use:

1. Check the jack for bent, broken, cracked or loose parts, and oil leaks; ensure that the wheels [7] rotate freely and that the caster [9] bolts are fastened tight.

   WARNING! DO NOT use the product if 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 product has been repaired.

2. Remove the nuts from the fulcrum bar [8] and fit the transport handle [4], securing it in place with the nuts.

   Important: Ensure that the fulcrum bar nuts are securely tightened.

Bleed the jack piston:

- Place the open end of the handle [10] shaft over the release valve [1].

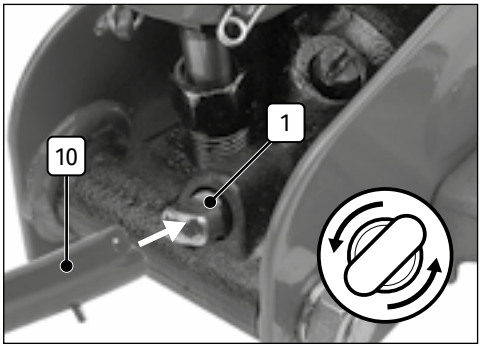


Fig. 6

- Twist the handle shaft anticlockwise to open the release valve and allow the lifting arm [5] to drop to its lowest position.

  Important: DO NOT rotate the handle shaft more than two full turns.

- Remove the handle shaft from the valve and insert it into the handle socket [2].
- Pump the handle shaft up and down at least ten times using the full stroke range to lubricate the piston and expel any accumulated air.

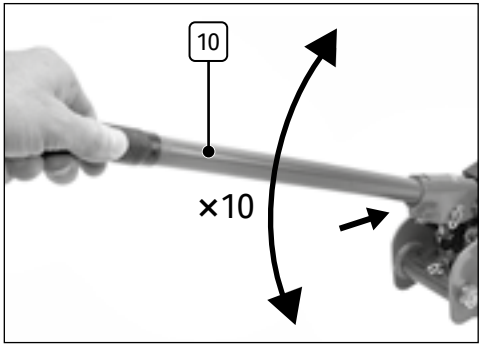


Fig. 7

- Remove the handle shaft from the socket and place it over the release valve.
- Twist the handle shaft clockwise until strong resistance is felt to seal the valve.

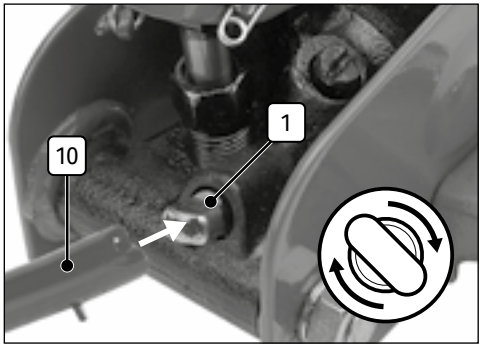


Fig. 8

Test the jack:

1. Insert the open end of the handle shaft into the handle socket and pump the handle shaft up and down to raise the lifting arm to its highest position.
2. Observe the saddle to check that it does not drop.
   - If the lifting arm begins to drop without intervention:
     - Use the handle shaft to open the release valve and allow the lifting arm to drop to its lowest position.
     - Unclip and remove the pump cover plate [3].
     - Slightly loosen the oil filler plug [11] to allow any air to escape the chamber. Refit the oil filler plug.

6. Operating Instructions

3. Test the jack again by raising the lifting arm and ensuring that it does not drop without intervention.
4. Repeat this process if necessary. If the issue is not resolved after several attempts, contact Draper Tools for assistance.

6.2 Raising a Load

5. Position the jack directly beneath the approved vehicle lifting point.
   - See the vehicle manufacturer information for the approved lifting points.
6. Use the handle (10) shaft to twist the release valve (1) clockwise until strong resistance is felt.
7. Pump the handle shaft up and down until contact is made with the vehicle and check that the saddle (6) is positioned correctly.
8. With the handle shaft in the handle socket (2), pump it up and down to lift the vehicle. Use the full stroke range to lift more quickly.

   Important: If the jack drops under load, safely lower the load **(see 6.3)** and bleed the piston chamber **(see 6.1)**.
9. Immediately secure the raised vehicle with an appropriate axle stand, placing it as instructed in the manufacturer information.

6.3 Lowering a Load

WARNING! ALWAYS ensure that there are no persons or obstacles beneath the vehicle before lowering.

10. Gently pump the handle (10) shaft to raise the vehicle slightly and allow the axle stand to be removed safely.
11. When the axle stand is clear, use the handle shaft to carefully twist the release valve (1) anticlockwise to gently lower the load.
    - **DO NOT** turn the release valve more than a half turn at a time during lowering.

7. Maintenance and Troubleshooting

Important: Maintenance and repair of the jack must only be performed by qualified personnel with sufficient knowledge of the hydraulics systems used in these devices.

7.1 General Maintenance

- Keep the jack clean and regularly lubricate all moving parts.
  - Dust and debris may cause components to become clogged or jammed, and the product may not perform at its best.
- Store in the case (12) supplied when not in use.
- Protect the jack and its components from adverse environmental and weather conditions, both during use and when stored.
  - The components may rust if exposed to damp air for prolonged periods.
- Use only spare parts supplied by Draper Tools.
- Before each use, check for bent, broken, cracked or loose parts, and ensure that the wheels rotate freely. Bleed

7.2 Checking and Replacing Oil

To extend the working life of the product, keep the oil at an appropriate level and replace it after periods of prolonged intensive use.

CAUTION! Use AW 22 hydraulic oil. NEVER use brake or engine oil.

WARNING! Oil spillage may cause the operating surface to become slippery. DO NOT operate the jack on oily surfaces.

To check, drain and refill the oil chamber:

1. Place the jack on a level, horizontal surface.
2. Fully lower the lifting arm (5) and handle shaft.
3. Unclip and remove the pump cover plate (3).
4. Remove the oil filler plug (11) and check the oil level.

   Important: The correct oil level is 5mm below the filler plug hole.
5. If the oil is dirty or needs replacing:
   - Drain any remaining contents into a container.
   - Refill the chamber with new oil as required, keeping the oil free of dirt.

CAUTION! Excessive quantities of oil splash out during operation or may render the jack inoperable.

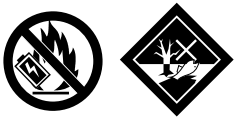
8. Disposal

At the end of its working life, or when it can no longer be repaired, dispose of the jack according to local regulations.

Contact your local authority for details of collection schemes in your area.

In all circumstances:

- **DO NOT** dispose of this product with domestic waste
- **DO NOT** incinerate
- Before decommissioning, drain and dispose of the oil from the jack in line with local regulations
- **DO NOT** abandon in the environment



9. Warranty

12 months from date of purchase – Visit **drapertools.com/warranty** for more information.

However, if the tools are hired out, the warranty period is reduced to 90 days from the date of purchase.

This warranty does not cover consumable parts, normal wear & tear, damage, misuse, careless or unsafe handling.

Draper Tools Limited

10. Explanation of Symbols



Read the instruction manual



Minimum lifting range



Chassis length



Saddle diameter



Manufactured to EN 1494 Specification



Net product weight



Apply the handbrake and put the vehicle in gear



Support raised vehicles with axle stands



Chock all grounded wheels



Use only on level surfaces



DO NOT Use only on uneven surfaces



DO NOT work under vehicles when supported only by a jack



DO NOT incinerate or throw onto fire



Warning!



Do not abandon in the environment

Notes

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