

# DRAPER®

## INSTRUCTIONS FOR 2 Tonne Trolley Jack

Stock No.59340 Part No.TJ2AP

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.



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### GENERAL INFORMATION

Read all these instructions before operating this product and save these instructions.

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. 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 accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.



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# DECLARATION OF CONFORMITY

We:  
 Draper Tools Ltd.,  
 Hursley Road,  
 Chandler's Ford,  
 Eastleigh, Hampshire.  
 SO53 1YF.  
 England.

Declare under our sole responsibility that the product:

Stock Nos:- **59340.**  
 Part Nos:- **TJ2AP.**  
 Description:- **2 Tonne Trolley Jack.**

To which this declaration relates is in conformity with the following directive(s)  
 98/37/EEC.

With reference to:  
 EN292-1:, EN292-2:1991 (A1:1995), PREN1494:1994 & DIN76024:01.84

John Draper  
 Chairman

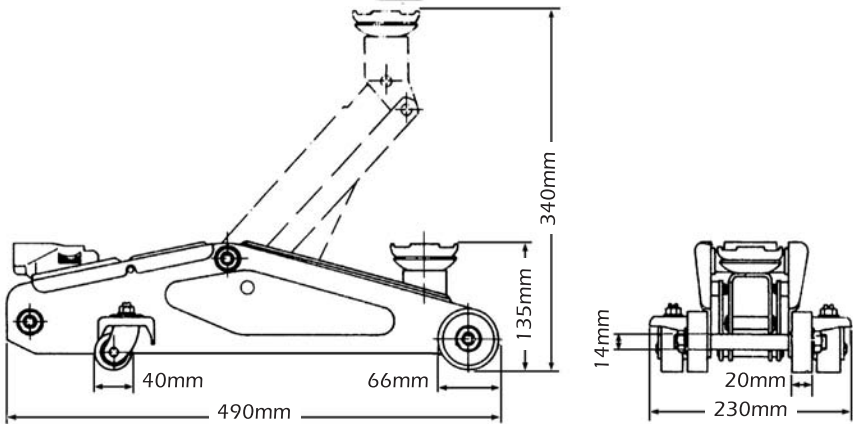
10/1999

# CAUTION

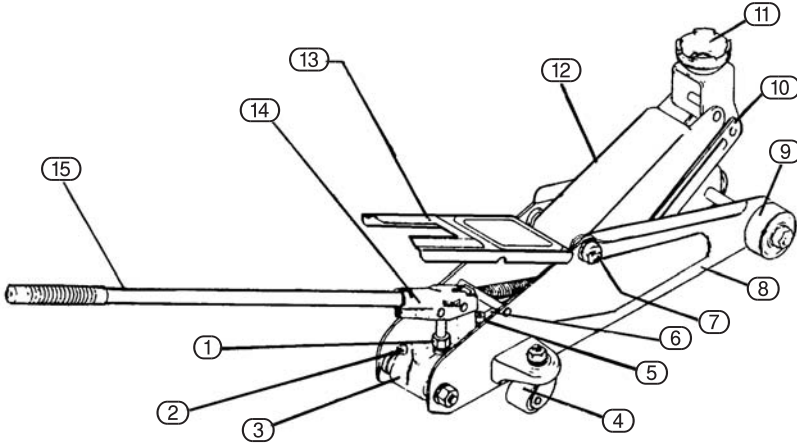
- Use only on a firm, level surface.
- Do not exceed the rated capacity of this jack.
- This is a lifting device only. Do not work under the vehicle without the proper support devices, such as axle stands.
- Make sure that the lifting point is stable and correctly centred on the jack saddle.
- Familiarize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

# SPECIFICATION

Stock No. .... 59340  
 Part No. .... TJ2AP  
 Capacity ..... 2,000kg  
 Lifting ..... 130-350mm  
 Overall Size ..... 492 x 218 x 132mm  
 Weight ..... 10.5kg



# GETTING TO KNOW YOUR TROLLEY JACK

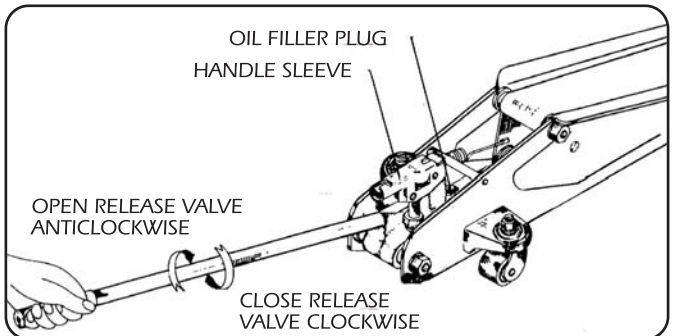


- |                    |                  |                  |
|--------------------|------------------|------------------|
| ① Cylinder Pump.   | ⑥ Reservoir.     | ⑪ Saddle.        |
| ② Release Valve.   | ⑦ Middle Spindle | ⑫ Lifting Arm.   |
| ③ Base.            | ⑧ Frame.         | ⑬ Cover Plate.   |
| ④ Castor.          | ⑨ Front Wheel.   | ⑭ Handle Sleeve. |
| ⑤ Oil Filler Plug. | ⑩ Radius Link.   | ⑮ Jack Handle.   |

- **UNPACKING:** After removing the packing material, make sure the product is in perfect condition and that there are no visible damaged parts. If in doubt, do not use the product and contact the dealer from whom it was purchased.  
The packaging materials (plastic bags, polystyrene, etc.), must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.

## BEFORE USE

1. If oil spillage is noted, check oil level, refer to maintenance section, paragraphs 3 and 4, on page 4.
2. Check to see that the release valve is opened. (Never more than two full turns), then insert the handle into handle sleeve and pump a couple of full strokes to purge any air from the system and evenly distribute the hydraulic oil.



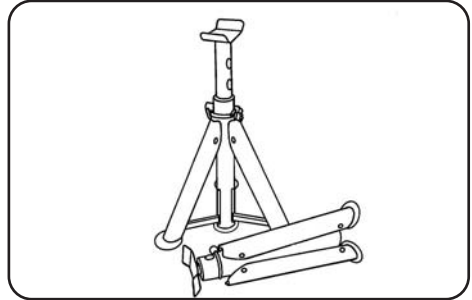
# OPERATING INSTRUCTIONS

1. Firmly lock release valve in a clockwise direction with the end of the Jack handle.
2. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
3. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
4. ALWAYS USE AXLE STANDS.
5. To lower load, slowly turn the release valve anticlockwise up to two full turns with the end of the jack handle.

TO RAISE:  
TURN RELEASE  
VALVE  
CLOCKWISE



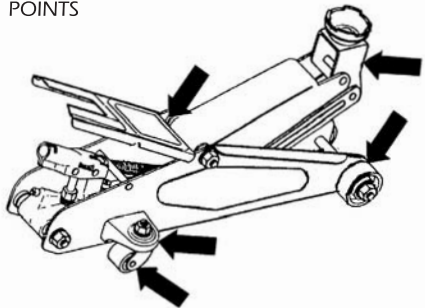
TO LOWER:  
TURN RELEASE  
VALVE  
ANTICLOCKWISE



# CARE AND MAINTENANCE

1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below on a regular basis.
3. To check oil level, fully lower jack on level ground and remove cover plate (item 13). Remove filler plug. The correct level is 5mm below filler plug hole. If low, add oil as needed. YOUR JACK WAS FILLED AT THE FACTORY WITH HIGH RATE HYDRAULIC OIL. ONLY USE APPROVED JACK OIL\*.
4. After extensive use, the oil supply should be replaced to ensure longer equipment life. To drain, remove filler plug and release valve. Ensure that no dirt gets into the system. Refill with approved jack oil, as paragraph 3.
5. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.

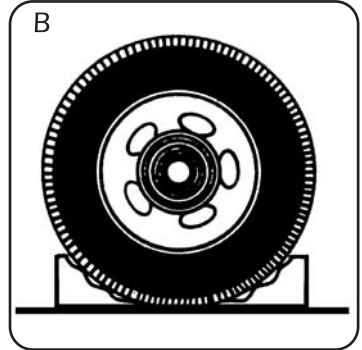
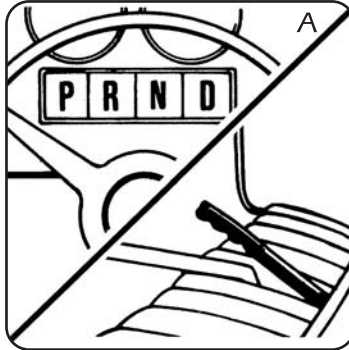
LUBRICATION  
POINTS



\* We recommend Shell Tellus 22.

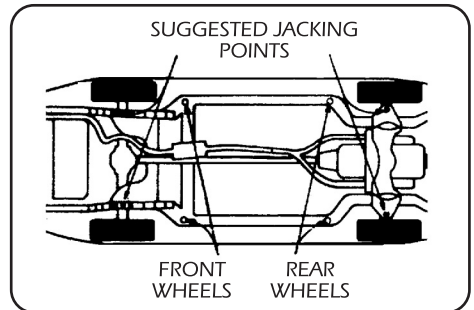
1. BEFORE POSITIONING THE JACK, YOU SHOULD ENSURE THE FOLLOWING:

- A. Vehicle should be clear of all passengers. Transmission should be in gear (or 'Park' for automatic transmissions) and the handbrake applied.
- B. To prevent vehicle from movement, wheels should be securely blocked with wheel chocks.



2. CORRECT POSITIONING:

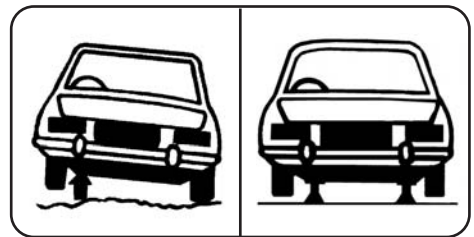
The jack should be positioned (normally under the suspension near appropriate front or rear wheels). Since these points may vary with each vehicle, it is important to consult the vehicle manufacturer's handbook.



3. TERRAIN:

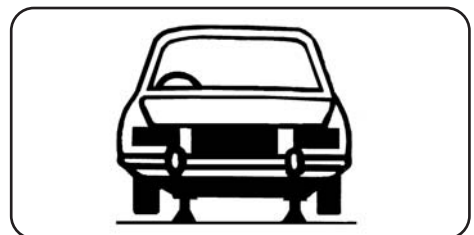
The jack should be operated on a hard and level surface as the location will permit.

4. NEVER EXCEED THE JACK'S RATED CAPACITY.

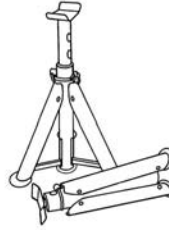


5. WORKING UNDER THE VEHICLE:

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



Foldable Axle Stands - Stock No.78210, Part No.FAS18A



TROUBLE	PROBABLE CAUSE	REMEDY
Jack will not hold load.	Dirt on valve seats.	<ol style="list-style-type: none"> <li>1. Lower the lifting arm, close the release valve and remove oil filler plug.</li> <li>2. Place one foot on a front wheel and pull up the lifting arm to its full height by hand.</li> <li>3. Open the release valve to lower the lifting arm.</li> <li>4. Worn seals.</li> </ol>
<p>Jack will not lift load.</p> <p>Jack will not lift to its full height.</p> <p>Jack pump feels unsteady under load.</p> <p>Jack will not lower completely.</p>	Air block.	<ol style="list-style-type: none"> <li>1. Open the release valve and remove oil filler plug.</li> <li>2. Pump handle a couple of full strokes and close the release valve.</li> </ol>
<p>Jack will not lift to its full height.</p> <p>Jack pump feels unsteady under load.</p>	<p>The lower reservoir could be overfilled.</p> <p>Low hydraulic oil level.</p>	<p>Check the oil level. Remove the filler plug. Top up oil to correct level.</p>
<p>Jack pump feels unsteady under load.</p>	<p>The pump cup seal could be worn out.</p>	<p>Replace the cup seal with a new one.</p>
<p>Jack will not lower completely.</p>	<p>Air block.</p> <p>Unit needs lubrication.</p>	<p>Release air by removing filler plug.</p> <p>Oil external moving parts.</p>

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YOUR DRAPER STOCKIST

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