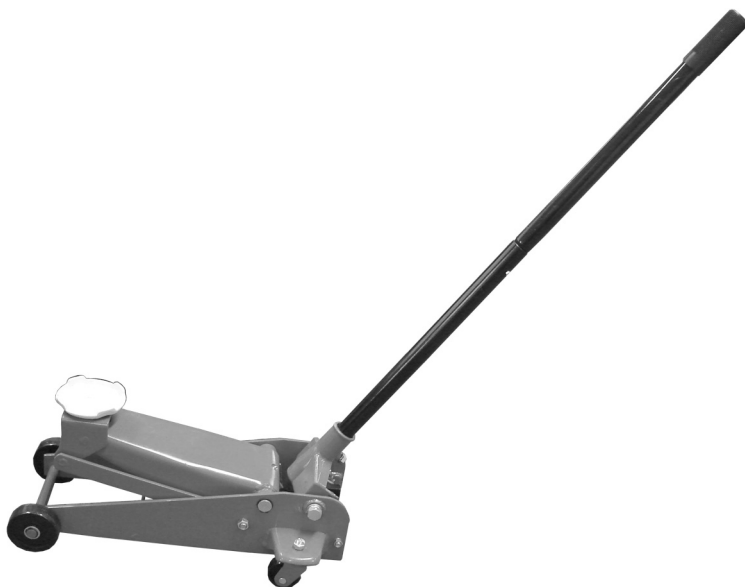


CLAMPBRO®

STRONG-ARM



HYDRAULIC GARAGE JACK

MODEL NO: CTJ2001G

PART NO: 7623045

OPERATION & MAINTENANCE INSTRUCTIONS



INTRODUCTION

Thank you for purchasing this CLARKE Hydraulic Garage Jack

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

SPECIFICATIONS

	CTJ2001G
Part number	7623045
Length (not including handle):	597 mm
Width	345 mm
Height of lifting cup (at rest):	131 mm
Height of lifting cup (maximum)	376 mm
Maximum lifting height from floor:	507 mm
Distance raised per stroke:	19 mm
Weight	30.6 kg
Number of full strokes to maximum height:	19
Rated Load	2 tonnes

SAFETY PRECAUTIONS

1. This jack is for lifting only, do not move a load using the jack as a dolly
2. Always inspect the jack before use. Make sure that all parts are in good condition and operating smoothly, and that no cracks or distortion is apparent. If in doubt do not use. Have the parts replaced or consult your CLARKE dealer.
3. Make sure that the jack is on a firm solid base, and there is no possibility of it slipping when under load.
4. Make sure the load is taken by the full saddle and that the point of lift on the load, is of sufficient strength to support the full load adequately.
5. Always use supports to stabilise the load once lifted. NEVER work on or under a load unless it is fully and adequately supported. NEVER rely upon the jack to hold the load in position.
6. Never push a load off the jack.
7. Ensure that all personnel are well clear of a load being raised, or lowered.
8. NEVER exceed the rated load for the jack (See "Specifications" on page 2.).
9. Do not use if an oil leak is apparent. Consult your Clarke dealer.

SPARE PARTS

The following user serviceable parts are available from your Clarke dealer, or Clarke International Parts Department.

1. Saddle
2. Castor Assembly
3. Front Wheel Assembly
4. Handle (upper and lower)

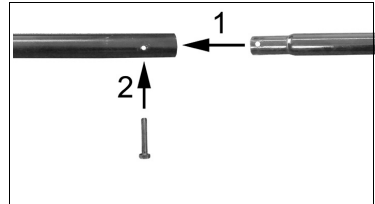
OPERATION

Ensure the load is chocked and stable and on firm level ground

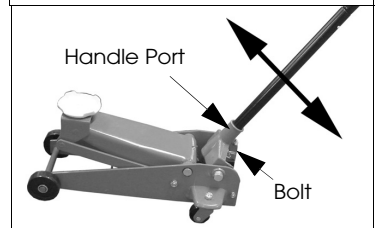
1. Position the jack so that the saddle is directly beneath the lifting point and that there are no obstacles to prevent a clean lift, also, make sure that all personnel are well away from the area, before raising the vehicle.
 - Consult the vehicle handbook to determine the correct lifting points.

USING THE TROLLEY JACK

2. Place the two parts of the handle together and secure together using the 10 mm bolt provided. Insert the handle into position and secure using the small bolt and washer on the rear of the handle port.



3. Turn the handle, fully clockwise to close the release valve and pump the handle up and down to raise the saddle,
 - As it meets the lifting point, make sure that the saddle is in full contact and that there are no obstacles to prevent a clean lift.



4. Place axle stands or suitable supports beneath the vehicle, before VERY GENTLY turning the handle anticlockwise.
 - This action will open the release valve to lower the load on to the stands.
5. DO NOT jerk the handle, ensure it lowers slowly and under complete control on to the axle stands which must be correctly positioned and take the weight evenly.
 - Ensure the axle stands are centred about the support point and perfectly stable before full weight is taken.

NOTE: Ensure this operation is carried out under complete control. DO NOT allow the load to drop suddenly as this could damage internal components.

6. Remove the jack from the vehicle.

NOTE: The jack may move slightly during operation. It is important therefore that the immediate vicinity is clean and completely free from debris.

MAINTENANCE

BEFORE USE.

Check the hydraulic jack for damage and loose fittings. If in doubt, do not use. Have damaged parts repaired or replaced by your CLARKE dealer.

EVERY 6 MONTHS

Oil all joints, linkages and front wheel hubs and apply grease to the caster bearings.

ANNUALLY

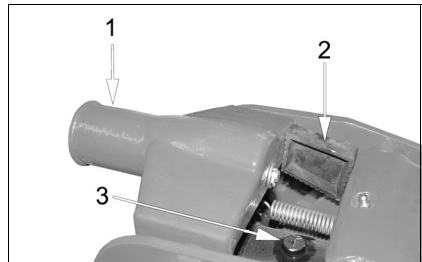
Check the ram oil level see below.

STORAGE

Store in a dry place, with the ram fully retracted. If stored for long periods, inspect at least once a year, clean and re-oil. For servicing, contact your CLARKE dealer, or CLARKE International Service Department.

CHECK THE RAM OIL LEVEL

1. Ensure the ram is fully retracted by turning the Handle fully anticlockwise.
2. Press down on the handle port (1) and insert the wedge supplied as shown (2).
3. Remove the oil plug (3) and top up with CLARKE HYDRAULIC OIL. Part No. 3050830 for 1 litre, Part No. 3050835 for 5 litres.)
4. Replace filler plug and purge system of air.....see below.



SYSTEM AIR PURGE

1. Turn handle 1 full turn anticlockwise and pump handle 8 full strokes.
2. Turn handle clockwise FULLY, and pump handle to maximum height, then continue to pump 5 or 6 times to remove trapped air.
3. Turn handle anticlockwise and allow arm to lower and ram to fully retract.
4. Turn handle clockwise FULLY, and pump handle to maximum height to test pump action.

NOTE: It may be necessary to perform the above action more than once to ensure that air is totally evacuated.

TROUBLESHOOTING

	CAUSE	SOLUTION
Jack will not raise to the full height	Low Oil Level	See "Check the ram oil level" on page 5.
Jack will not hold the load	Release valve not closed	Turn the handle fully clockwise
	Pump valves not seating	Consult your CLARKE dealer
	Air in ram	See "System Air Purge" on page 5.
Arm will not lower	Broken return Spring	Consult your CLARKE dealer
	Lift arm linkage bent or binding	Consult your CLARKE dealer
	Cylinder ram binding	Consult your CLARKE dealer
	Parts Worn	Consult your CLARKE dealer
Jack feels spongy when lifting	Air May Be Trapped In The System	See "System Air Purge" on page 5.

If any of these remedies fail to restore your jack, consult your Clarke dealer

For Spare Parts and Servicing, please contact your nearest dealer, or CLARKE International, on one of the following numbers.

PARTS & SERVICE TEL: 020 8988 7400

PARTS & SERVICE FAX: 020 8558 3622

DECLARATION OF CONFORMITY



DECLARATION OF CONFORMITY

This is an important document and should be retained.



We declare that this product complies with the following directives:

98/37/ EC Machinery Directive.

The Following Standards have been applied to the product:

The technical documentation required to demonstrate that the products meet the requirements of the Machinery directive has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: **2005**

Product Description: 2 Ton Garage Trolley Jack

Model number(s): CTJ2001G

Serial / batch Number: Current Manufacture.

Date of Issue: 09-07-08

Signed

A handwritten signature in black ink, appearing to read "A. Aiken".

A.C. AIKEN

Senior Manager Clarke International.

A SELECTION FROM THE VAST RANGE OF

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Drills, grinders and saws for DIY and professional use.

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Saws, sanders, lathes, mortisers and dust extraction.

HYDRAULICS

Cranes, body repair kits, transmission jacks for all types of workshop use.

WATER PUMPS

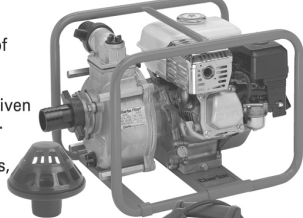
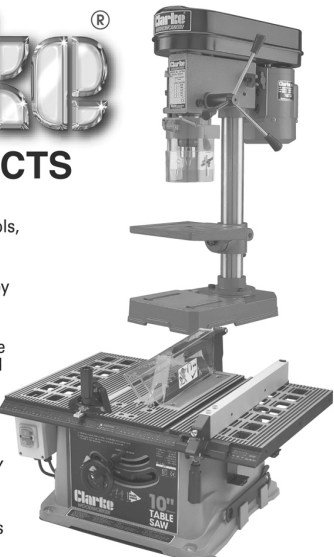
Submersible, electric and engine driven for DIY, agriculture and industry.

POWERTOOLS

Angle grinders, cordless drill sets, saws and sanders..

STARTERS/CHARGERS

All sizes for car and commercial use.



For spare parts and servicing, please contact your nearest dealer, or Clarke International on

020 8988 7400

e-mail: Parts@clarkeinternational.com e-mail: Service@clarkeinternational.com

Clarke INTERNATIONAL

Hemnal Street, Epping, Essex CM16 4LG