

# Clarke<sup>TM</sup> STRONG-ARM HYDRAULIC TROLLEY JACK



Model Nos.

CTJ3000G

CTJ3000QL,

CTJ3000QLG



1001

Thank you for purchasing this Clarke Trolley Jack.

Before attempting to use the unit, please read this instruction booklet thoroughly, and follow all directions carefully, paying particular attention to the safety precautions. By doing so, you will ensure the safe operation of the unit, and the safety of yourself and others around you. You can then look forward to long and reliable service from your CLARKE Trolley Jack.

## GUARANTEE.

This CLARKE 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 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.

## 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. Ensure that all parts are in good condition and operating smoothly, the wheels are sound and that no cracks or distortion is apparent. If in doubt **do not use**. Have the parts replaced or consult your CLARKE dealer.
3. Ensure the jack is on a firm solid base, and that there is no likelihood of it slipping when under load.
4. Ensure 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 ensure that the load is stabilised or supported in such a way that it will not shift during lifting or lowering operations.
6. 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.
7. Never push a load off the jack.
8. Ensure that all personnel are well clear of a load being raised, or lowered.
9. **NEVER** exceed the rated load for the jack (see 'Specifications').
10. Do not use if an oil leak is apparent...Consult your Clarke dealer.

## ASSEMBLY

### CTJ300G & CTJ3000QLG

Connect the two halves of the Operating Handle and secure with a nut and bolt.

Remove the locating screw from the rear of the handle housing, shown in Fig.1, and insert the handle into the housing, ensuring the square drive on the end of the handle, engages fully with the square spigot within the housing. Replace and tighten the locating screw.



## OPERATION

Ensure the load is chocked and stable and on firm level ground, before manoeuvring the jack so that the saddle is directly beneath the lifting point. Consult the vehicle handbook to determine the correct lifting points.

### RAISING THE JACK

#### CTJ3000QL

1. Place the end of the handle over the release valve shown at 'A' Fig.2, and turn it fully clockwise to close the valve.
2. Remove the handle from the release valve and insert it in the jacking attachment 'B' Fig.2, fully, and pump the handle so that the saddle rises to the jacking point. One pump of the handle will bring the saddle to the lifting point.



#### CTJ300G & CTJ3000QLG

Turn the handle fully clockwise to close the release valve, and pump the handle.

## All Models

Ensure the saddle is central about the lifting point, and that there are no obstacles to prevent a clean lift, also, all personnel are well away from the area, before continuing to pump the handle to raise the vehicle.

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

### WARNING!

*NEVER work on the vehicle when it is resting on a jack. This is a highly dangerous practice. The vehicle MUST be supported on axle stands, or suitable supports, beneath jacking/support points recommended by the manufacturer. There should be no load on the jack.*

With axle stands directly beneath suitable support points, very carefully lower the jack on to the supports, checking constantly, preferably with an assistant, that the vehicles' support points rest snugly and cleanly on the supports. To lower the jack, proceed as follows:

## LOWERING THE JACK

### CTJ3000QL

Remove the handle from the jacking attachment and place it over the release valve. **VERY SLOWLY and CAREFULLY**, turn the release valve anticlockwise - as you do so the jack will lower. To stop it lowering...turn the release valve clockwise again.

### CTJ300G & CTJ3000QLG

**VERY SLOWLY and CAREFULLY**, turn the handle anticlockwise - as you do so the jack will lower. To stop it lowering...turn the handle clockwise again. Ensure this operation is carried out under complete control. **DO NOT** allow the load to drop suddenly as this could damage internal components.

## MAINTENANCE

### Before Use.

Inspect for distortion of components, and security of all nuts and bolts. If in doubt, do not use. Have damaged parts repaired or replaced. If necessary, consult your CLARKE dealer.

### Every 6 months

Oil all joints, linkages, the pump roller and front wheel hubs. Grease main Pivot (3000G).

**NOTE:** *Lubrication and cleanliness is important as dirt, rust etc can cause a jerky action which could damage internal components.*

### Annually

Carry out a thorough inspection for serviceability of components and check for oil leaks. Only a very **slight** oil seepage is permissible. If a leak is evident, do not use the jack...consult your CLARKE dealer. Check the ram oil level as follows:

1. Ensure the ram is fully retracted by turning the handle fully anticlockwise. Model 3000QL requires the release valve to be turned not more than 2 full turns.
2. Remove the ram filler plug, located on top of the ram, using a cross head screwdriver (Models 3000QL and 3000QLG). A rubber plug is used on model 3000G, which should be prised out carefully.

- The oil should be level with the bottom of the oil filler hole.  
If necessary, top up with CLARKE HYDRAULIC OIL ONLY. (See your CLARKE dealer, Quote Part No. 3050830 for 1 litre bottle 3050835 for 5 litres.)
- Replace filler plug and purge system of air.....see below.

## Storage

Store in a dry place where it cannot be attacked by the elements with the ram in its fully retracted position. If stored for long periods, inspect at least twice a year, clean and re-oil.

For servicing, contact your CLARKE dealer, or CLARKE International Service Dep't.

## SYSTEM AIR PURGE

- Turn handle ONE full turn anticlockwise, (Model 3000QL requires the release valve to be turned not more than 2 full turns), and pump handle EIGHT full strokes.
- Turn handle clockwise FULLY, and pump handle to maximum height...then continue to pump 5 or 6 times to remove trapped air.
- Turn handle anticlockwise and allow arm to lower and ram to fully retract.
- 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. If problems persist, repeat step 1 with the oil filler loosened... remember to retighten before turning the handle clockwise and pumping the handle.**

## SPECIFICATIONS

	CTJ3000G	CTJ3000QLG	CTJ3000QL
Maximum load (tonnes)	3	3	3
Minimum Height (mm)	115	120	170 200
Maximum Height (mm)	485	490 525	570 515
Overall Length (mm)	660	610	600
Overall Width (mm)	345	265	190
Nett Weight (kgs)	39	39	17.5
Part No.	7623030	7623020	7623025

## SPARE PARTS

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

- Saddle
- Handle Assembly
- Front Wheel Assembly
- Castor Assembly
- Release Valve Compl. (CTJ3000QL)
- Lifting Handle (CTJ3000QL)

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**

**or, e-mail: [parts@clarkeinternational.com](mailto:parts@clarkeinternational.com)**