

SYSTEM AIR PURGE

1. Turn handle ONE full turn anticlockwise and pump handle EIGHT 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.

FAULT FINDING

PROBLEM	PROBABLE CAUSE	REMEDY
Jack will not lift to full height	Oil level low	Top up oil
Jack will not hold the load	1 Release valve not closing 2 Pump valves not seating 3 Air in ram	1 Turn handle fully clockwise 2 Consult your CLARKE dealer 3 Purge air (see below)
Arm will not lower	1 Broken return Spring 2 Lift arm linkage bent or binding 3 Cylinder ram binding 4 Parts Worn	1 Replace (See your dealer) 2 Consult your CLARKE dealer 3 Consult your CLARKE dealer 4 Consult your CLARKE dealer
Jack feels spongy when lifting	Air in system	Purge air (see System Air Purge)

SPECIFICATIONS

	CTJ2000G	CTJ2QLG	CTJ2250LS	CTJ3QLG	CTJ3000LS
	CTJ2000GA				
Maximum load (tonnes)	2	2	2.25	3	3
Min. Saddle Height (mm)	120	150	110	150	115
Maximum Height (mm)	190	500	525	500	525
Overall Length (mm)	645	633	727	685	727
Overall Width (mm)	345	345	395	350	395
Weight (kg/lbs)	38.5/85	37/81	45.5/100	42/92.5	48/108
Part No.	1600650 7621010	7621815	7621015	7621005	7621020

SPARE PARTS

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

1. Saddle
2. Castor Assembly
3. Front Wheel Assembly
4. Valve Operating Lever

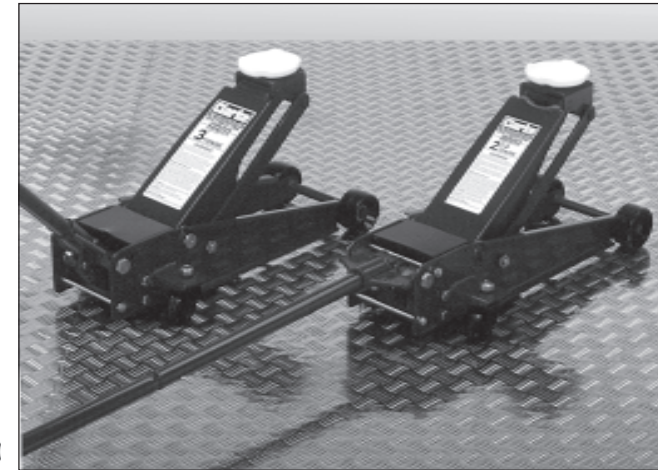
For Spare Parts and Servicing, please contact your nearest dealer, or CLARKE International, on one of the following numbers.

PARTS & SERVICE TEL: 020 8988 7400
PARTS & SERVICE FAX: 020 8558 3622

CLARKE[®]

STRONG-ARM

HYDRAULIC TROLLEY JACK



Model Nos. CTJ2000G, CTJ2000GA, CTJ2QLG, CTJ2250LS, CTJ3QLG & CTJ3000LS

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.

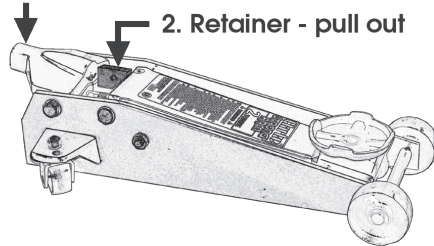
SAFETY PRECAUTIONS

1. **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.
2. **ALWAYS** ensure the jack is on a firm solid base, and that there is no likelihood of it slipping when under load.
3. **ALWAYS** 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.
4. **ALWAYS** ensure that the load is stabilised or supported in such a way that it will not shift during lifting or lowering operations.
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. **ALWAYS** ensure that all personnel are well clear of a load being raised, or lowered.
7. **NEVER** push a load off the jack.
8. **NEVER** exceed the rated load for the jack (see 'Specifications').
9. **NEVER** use if an oil leak is apparent...Consult your Clarke dealer.
10. **NEVER** attempt to disassemble the jack. Consult you CLARKE dealer if problems arise
11. **NEVER** move a load using the jack as a dolly. This jack is for lifting **ONLY**.

ASSEMBLY

IMPORTANT! BEFORE assembly, it is important to remove the plastic retainer, which, for transit purposes, holds down the main operating arm (see Fig.1). To do this, press and hold down the arm, against spring pressure, pull out the retainer, and gently allow the arm to rise.

1. Press & hold



2. Retainer - pull out

Unscrew the bolt, at the rear of the jack handle housing, sufficient for the handle to be inserted.

Ensure the square drive on the end of the handle, engages fully with the square spigot within the housing, before retightening the securing bolt

OPERATION

RAISING A LOAD

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.

Turn the knob, at the top of the handle, fully clockwise and pump the handle to raise the saddle. As it meets the lifting point, check to ensure it is in full contact and there is no obstacle to prevent a clean lift, before proceeding to pump the handle further to raise the load. **UNDER NO CIRCUMSTANCES attempt to move the load whilst supported by the jack.**

NOTE: Models CTJ2QLG and CTJ3QLG are provided with a quick lift pedal. This may be used to bring the saddle to the lifting point in one quick operation, but NOT TO RAISE THE LOAD.

Place axle stands or suitable supports beneath the vehicle, before **VERY GENTLY** turning the knob anticlockwise. This action will open the release valve to lower the load on to the stands. **DO NOT** jerk the handle...ensure it lowers under complete control on to the axle stands which must be correctly positioned and take the weight evenly.

LOWERING A LOAD

First jack up the load in order to clear the axle stands or supports, then, when the supports have been removed, check to ensure that there are no obstacles that could prevent the load from lowering without hindrance, and that all personnel are well away from the site.

VERY GENTLY turn the Knob anticlockwise and the load will lower. **DO NOT** jerk the handle....lower the load under complete control....**DO NOT** allow it to lower too quickly as this could damage the pump seals

MAINTENANCE

Daily.

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.

Monthly

1. Oil all joints, linkages, the pump roller and front wheel hubs.
2. With a grease gun, grease the lift arm pivot at the grease nipple provided.
3. Apply grease to the caster bearings.

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

Every 6 months

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, take the jack out of service, and consult your CLARKE dealer.

Annually

Check the ram oil level as follows:

1. Ensure the ram is fully retracted by turning the Handle fully anticlockwise.
2. Remove the cover plate, where fitted, located at the base of the handle housing, to gain access the ram, then remove the ram filler plug.
3. Lift the jack so that it is vertical, resting on its front wheels and check the oil level. It 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.)
4. 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.