

A SELECTION FROM THE VAST RANGE OF

Clarke[®]

QUALITY PRODUCTS

AIR COMPRESSORS

From DIY to industrial. Plus air tools, spray guns and accessories.

GENERATORS

Prime duty or emergency standby for business, home and leisure.

POWER WASHERS

Hot and cold, electric and engine driven - we have what you need.

WELDERS

Mig, Arc, Tig and Spot. From DIY to auto/industrial.

METALWORKING

Drills, grinders and saws for DIY and professional use.

WOODWORKING

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.

POWER TOOLS

Angle grinders, cordless drill sets, saws and sanders.

STARTER/CHARGERS

All sizes for car & commercial use.



Clarke[®] STRONG-ARM



HYDRAULIC MOTOR CYCLE LIFT

Model: CML2

Part No: 7610142

OPERATING & MAINTENANCE INSTRUCTIONS

Clarke[®] INTERNATIONAL

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



DECLARATION OF CONFORMITY

We declare that this product complies to the following standards/directives:

■ 89/392/EEC

Product Description: **Motor Cycle Lift**

Model Numbers: **CML2**

Serial (Batch) No: **See product Data Plate**

Signed _____

Clarke INTERNATIONAL
Hemnal Street, Epping, Essex CM16 4LG

Clarke International is a trading style of Clarke International Limited

Clarke[™]
INTERNATIONAL

Thank you for purchasing this CLARKE Strongarm hydraulically operated Motor Cycle Lift. Before attempting to use the lift, please read this leaflet 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 also look forward to the lift giving you long and satisfactory service.

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 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 CLARKE International without prior permission.

This guarantee does not effect your statutory rights.

SAFETY PRECAUTIONS

- ✗ **NEVER** exceed the lift's capacity of 500kg, and use it **ONLY** for the purpose for which it was intended.

IMPORTANT: If the load capacity decal becomes worn or illegible, contact Clarke International Spare Parts Department, on 0208 988 7400 for replacement.

- ✗ **NEVER** use the lift if it has been subjected to an abnormal load or shock. It should be removed from service immediately and fully inspected by qualified personnel, and passed as serviceable, before being used again.
- ✗ **NEVER** rely upon the Hydraulic Ram (item 1), to support the Table. Always use the Locking Bars (see Fig. 1) to secure the table in one of the positions provided.
- ✓ **ALWAYS** use the Lift on a solid, flat, level surface only.
- ✓ **ALWAYS** screw down the Stabilisers (see Fig. 6), before putting the platform under load.

NOTE: *The castors are not designed to take the weight of a fully loaded platform, but are used merely to move the lift quickly and easily around the workshop. On no account must you raise a loaded platform unless the stabilisers are screwed down, and NEVER transport a load using the lift.*

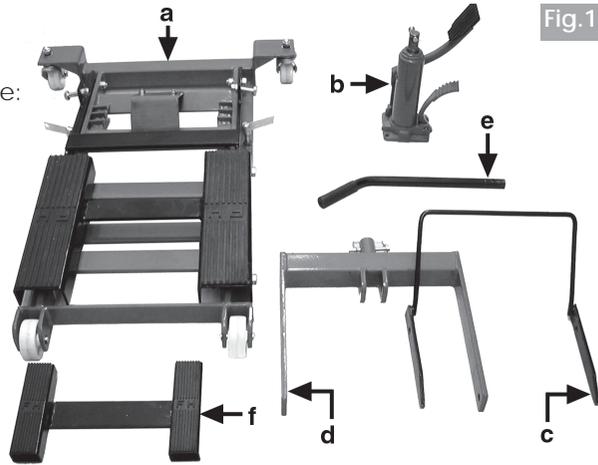
- ✓ **ALWAYS** use appropriate safety equipment, such as protective footwear, when using this lift.
- ✓ **ALWAYS** inspect the lift before use to ensure it is in good condition, and replace any damaged or worn parts.
- ✓ **ALWAYS** use spare parts supplied by Clarke International. Using non-standard parts could be extremely dangerous.
- ✓ **ENSURE** that the lift is properly maintained, and lubricated at all times, and that no rust or other forms of corrosion is allowed to weaken any part of it.
- ✓ **ENSURE** the operator is skilled and trained in both operation and safety aspects.

UNPACKING

Lay out the components carefully, and check to ensure that no damage has occurred during transit. Any damage should be reported to your Clarke dealer immediately.

Loose components comprise:

- a. Base Assembly
- b. Ram Assembly
- c. Locking Bar
- d. Frame
- e. Handle
- f. Loose Support



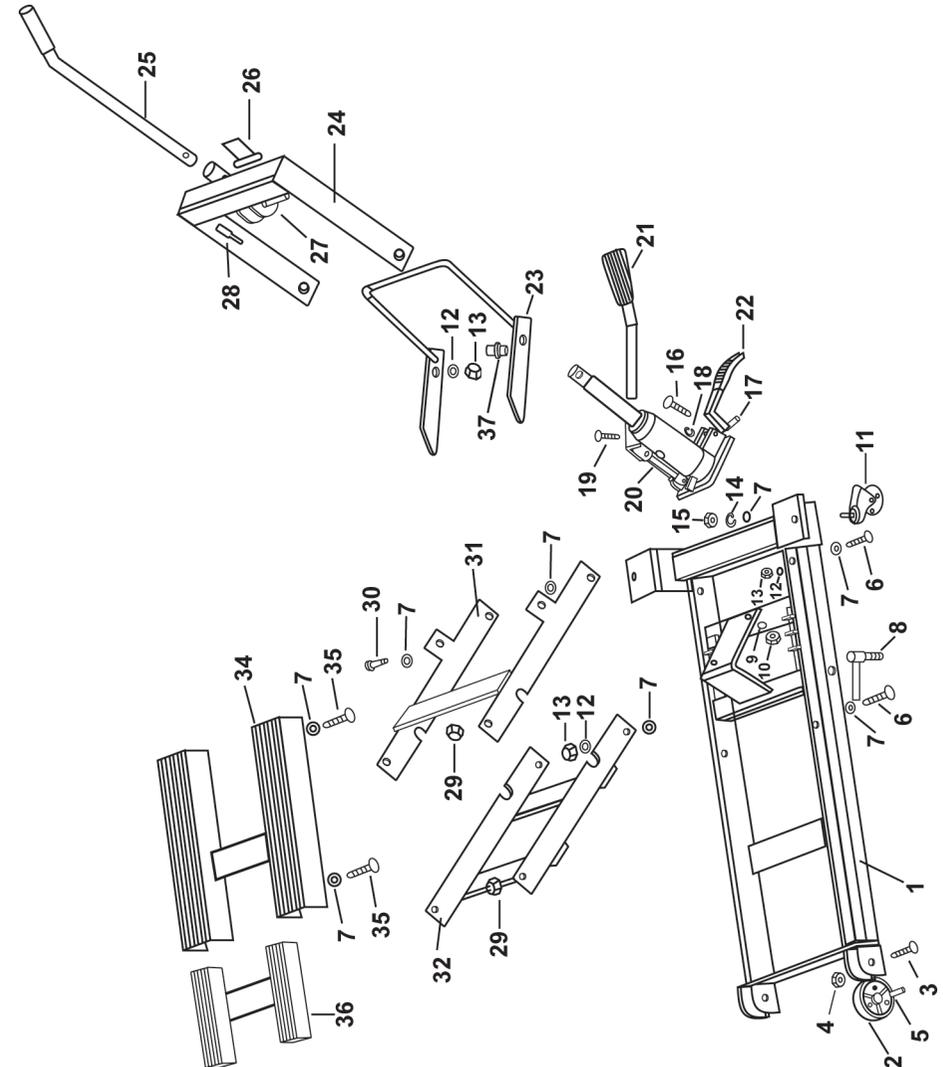
ASSEMBLY

1. The Ram Assembly.

First, secure the ram assembly to its platform using the two bolts with nuts and washers supplied, as shown in Fig. 1. Tighten the nuts securely



PARTS DIAGRAM



PARTS LIST

No.	Description	Part No.	No.	Description	Part No.
1.	Base	HTCML201	20.	Jack	HTCML220
2.	Wheel	HTCML202	21.	Release Pedal	HTCML221
3.	Bolt M8x65	HTCML203	22.	Foot Pedal	HTCML222
4.	Lock Nut M8	HTCML204	23.	Locking Bar	HTCML223
5.	Bush	HTCML205	24.	Frame	HTCML224
6.	Bolt M10x40	HTCML206	25.	Handle	HTCML225
7.	Washer	HTCML207	26.	Clevis Pin	HTCML226
8.	Screw M12	HTCML208	27.	Lock Pin	HTCML227
9.	Washer	HTCML209	28.	Split Pin	HTCML228
10.	Nut M8	HTCML210	29.	Lock Nut M12	HTCML229
11.	Caster Assembly	HTCML211	30.	Bolt M10x50	HTCML230
12.	Washer	HTCML212	31.	Back Strut	HTCML231
13.	Lock Nut M10	HTCML213	32.	Front Strut	HTCML232
14.	Spring Washer	HTCML214	33.	Bolt M12x60	HTCML233
15.	Nut M12	HTCML215	34.	Saddle	HTCML234
16.	Bolt M8x25	HTCML216	35.	Bolt M12	HTCML235
17.	Pin	HTCML217	36.	Loose Support	HTCML236
18.	Circlip	HTCML218	37.	Bush (1)	HTCML237
19.	Bolt M8x10	HTCML219			

PARTS AND SERVICE CONTACTS

For Spare Parts and Service, 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

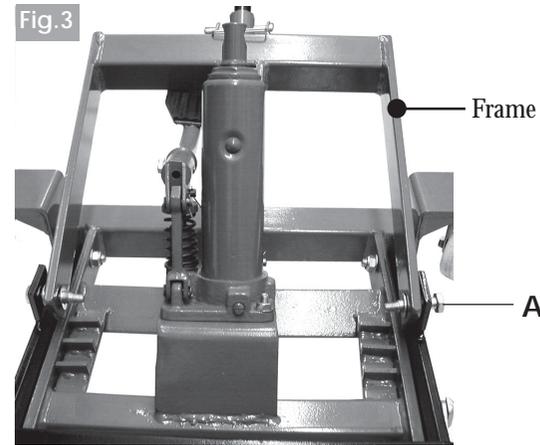
or e-mail as follows:

PARTS: Parts@clarkeinternational.com

SERVICE: Service@clarkeinternational.com

2. The Frame: Ref: Fig.3

Fig.3



Remove the pin, securing the ram to the frame, if fitted.

Place a flat washer on the securing bolt (A), then thread the bolt through the hole in the base assembly bracket, and have an assistant hold it in place.

Insert the collar (Shown in dotted line in the insert, Fig.4), through the hole in the end of the Frame, long boss first, then thread the collar, with frame, over the bolt.

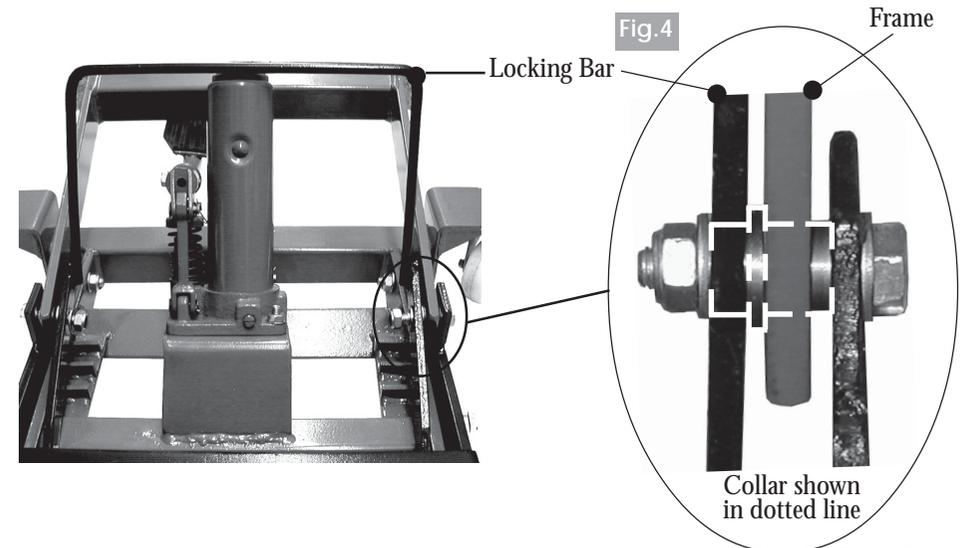
Repeat this procedure on the opposite side.

3. The Locking Bar: Ref: Fig.4

Locate the locking bar on to the collar at each side (It will be necessary to 'spring' the bar in order to do so), then place a flat washer on to the threads of the bolt and screw on the locknut. Tighten securely.

Ensure the Locking Bar is free to rotate under its own weight. It may be necessary to manipulate the bar, or bend it, by hand slightly, in order to accomplish this.

The locking bar should rotate so that the ends engage in one of the slots in the base, when the frame is raised.



4. The Ram to Frame.

Line up the holes in the mounting bracket and ram, then locate the ram using the pin previously removed and secure using the split pin provided.

NOTE: It may be necessary to push the ram into the cylinder, in order to line up the holes. To do this, press down on the Release Pedal, (see Fig. 5), whilst levering the ram down using a screwdriver, or similar tool.

5. The Handle

The handle is secured to the frame using the pin provided

6. The Loose Support

The loose support may be used at any time to provide stability for a load, and simply rests in a convenient location on the saddle.

OPERATION

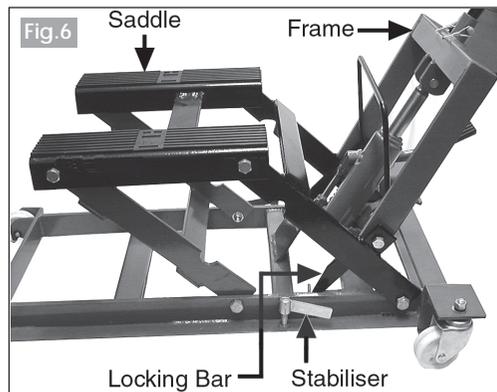
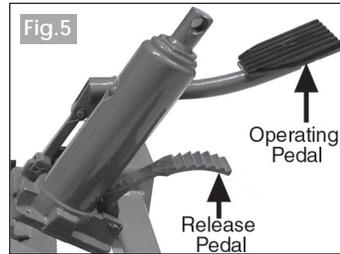
a. Raising a Load

Position the Lift so that the saddle is at right angles to, and between the wheels of, the motor cycle, and as near to the centre of gravity as possible.

Pump the Operating Pedal so that the saddle makes light contact with the motor cycle frame, then assess where packing is required in order to raise the load in a fully stabilised manner. The loose support may also be used for this purpose.

When satisfactorily supported, screw down the two stabilisers (see Fig. 6), to remove any load from the castors, then raise the load by pumping the Operating Pedal. Once you have attained the desired height, ensure the Locking Bar is engaged with one of the pair of slots in the base, then press the Release Pedal gently, allowing the saddle to lower until the load is taken by the Locking Bar.

It is now safe for you to commence work.



WARNING!

1. UNDER NO CIRCUMSTANCES must you rely upon the ram to support the load.
2. Ensure the Motor cycle is fully stabilised before commencing work

b. Lowering a Load

When work is complete, pump the Operating Pedal in order to raise the load slightly and release the Locking Bar. Once the bar is released, hold it, to prevent it dropping back into one of the slots, then very gently press down on the Release Pedal and allow the load to descend.

WARNING!

Take great care when lowering. A light touch ONLY is required. Too heavy a touch will result in the load descending too rapidly which could be hazardous

MAINTENANCE

Before each use

Visually inspect the lift for distortion of parts, cracked welds, damaged wheels or castors, excessive oil leak from ram, or any other sign of damage. Should any of these be apparent, remove the Lift from service, and have it inspected and repaired by a qualified technician before putting back into use. If necessary, consult your Clarke dealer.

If the Warning label becomes worn or illegible, have it replaced. Contact your Clarke dealer.

SPECIFICATIONS

Model Number	CML2
Part Number	7610142
Maximum Load	500kg
Minimum Height	105mm
Maximum Height	472mm
Weight	45kg