VEHICLE POSITIONING JACK
Model No: VPJ300
PART NO: 7624100

OPERATING & MAINTENANCE INSTRUCTIONS
INTRODUCTION

Thank you for purchasing this CLARKE Vehicle Positioning Jack.

Before attempting to use this product, please read this manual throughout and follow the instructions carefully. Thoroughly familiarise yourself with this product & its operation in order to ensure the safety of yourself and others around you. In so doing, you can look forward to the product 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 it’s intended purpose.

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.
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SPECIFICATION

<table>
<thead>
<tr>
<th>Part Number</th>
<th>7624100</th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>17.8 kg</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>540 x 630 x 330 mm</td>
</tr>
<tr>
<td>Roller Distance (min-max)</td>
<td>345 - 630 mm</td>
</tr>
<tr>
<td>Maximum vehicle weight</td>
<td>2700 kg</td>
</tr>
<tr>
<td>Maximum tyre width</td>
<td>300 mm (12&quot;)</td>
</tr>
<tr>
<td>Rated load per wheel/ Jack</td>
<td>680 kg</td>
</tr>
</tbody>
</table>

Please note that details and specifications contained herein, are correct at the time of going to print. However, CLARKE International reserve the right to change specifications at any time without prior notice.
GENERAL SAFETY PRECAUTIONS

GENERAL

1. ALWAYS read and ensure you fully understand the following precautions and the hazards associated with this product. Do not allow anyone who has not read these instructions to use this jack.

2. Only use this jack for its intended purpose.

3. NEVER carry out any modifications to this product. If experiencing difficulty of any kind consult your local dealer.

4. ALWAYS use appropriate safety equipment, such as protective footwear, when using this jack.

WORK AREA

1. DO NOT use the jack on inclined surfaces. It must only be used on level ground. The jack may move away as soon as it lifts the tyre from the ground surface.

2. DO NOT overload the jack beyond the load rating (680 kg per jack).

3. DO NOT start the vehicle engine with the jacks in use. The jacks are only designed for hand manoeuvring vehicles.

4. DO NOT use the jack to lift tyres wider than 300mm (12 inches).

5. DO NOT attempt to push the jack over obstacles when supporting a vehicle. It is only designed to be used on level and reasonably smooth surfaces.

6. Never allow children or bystanders in the area while the jack is in use.

7. Always engage the castor wheel brakes if the jack is left unattended while supporting a vehicle. This product is not intended to support the vehicle permanently, only for moving.

8. NEVER work underneath a vehicle supported only by this product. If working under a vehicle, always use stands designed for the purpose.

SERVICING & REPAIRS

1. Check the jack for damage before use and DO NOT use if damaged. Any damage should be properly repaired or the defective part replaced. If in doubt, DO NOT use. Consult your local dealer.

2. ALWAYS use spare parts supplied by Clarke International. Using non-standard parts could be extremely dangerous.

3. Ensure that the jack is properly maintained at all times and that no corrosion or other damage is allowed to weaken any part of it.
4. When necessary, have your jack serviced or repaired by a qualified technician using identical replacement parts. This will ensure that the safety of the jack is maintained.

5. NEVER use the jack if it has been subjected to excess load (over 680 kg) or shock. The jack should be removed from service immediately and fully inspected by qualified personnel and passed as serviceable before being used again.

Please keep these instructions in a safe place for future reference.

OVERVIEW

1. Beam
2. Roller
3. Operating Pedal
4. Locking Pin
5. Pedal Locking Hook
6. Release Valve Thumb-wheel
7. Castor Wheel with Brake
OPERATION

Before use, visually inspect the jack for distortion of parts, cracked welds, damaged castors, oil leaks, or any other sign of damage. Should any of these be apparent, have the jack inspected and repaired by a qualified technician before putting back into use.

1. With the jack on the floor, hold the operating pedal down to release the pedal locking hook.
2. Pull out the locking pin from the frame.
3. Open the release valve by turning the thumb-wheel counter-clockwise.
4. Expand the jack beams apart by hand, enough to position around the vehicle tyre.
5. Close the release valve by turning the thumbwheel clockwise until tight.
   - Ensure the jack is parallel to the sidewall of the tyre. Leave clearance between the tyre wall and the jack frame.
6. Pump the operating pedal, depressing with smooth, even strokes of the foot until both rollers are in contact with the tyre tread.
7. Continue operating the foot pedal until the tyre is lifted from the ground and one of the locking pin locating holes is accessible. Replace the locking pin.
8. Always use the brakes on each of the front swivelling castors to prevent the vehicle moving unintentionally once supported clear of the ground.
10. Repeat the process with the other tyres and jacks (if purchased). Use two jacks to move the front or back of the vehicle. Use four jacks for complete mobility.
11. To lower the jack, remove the locking pin and open the release valve by turning the thumb-wheel slowly counter-clockwise.
   - The beams of the jack should move apart under the weight of the vehicle and the jack may be removed when the rollers are no longer bearing any weight.
   - To move the front or back of the car you will require two jacks. To position the whole car and move it around you will require four jacks.
**CLEANING AND MAINTENANCE**

If the jack has been stored for long periods, check for oil leaks before use and top up via the oil plug on the side of the oil tank if necessary.

Oil can be topped up using Clarke Hydraulic Oil, part no. 3050830 for 1 litre, part no. 3050835 for 5 litres).

If the warning labels become worn or illegible have them replaced.

In the event of damage or broken components, replacements are available from Clarke Parts & Service.

**ENVIRONMENTAL PROTECTION**

If disposing of this product or any damaged components, do not dispose of with general waste. This product contains valuable raw materials and should be taken to your local civic amenity site for recycling of metal products.
STORAGE

1. Store in a dry place with the ram fully retracted and the foot pedal held by the pedal locking hook.

2. Support stands for storage of the jacks are available from your Clarke dealer. Refer to Clarke Part Number 7624105.
COMPONENT PARTS
## COMPONENT PARTS

<table>
<thead>
<tr>
<th>No</th>
<th>Parts List</th>
<th>Part No</th>
<th>No</th>
<th>Description</th>
<th>Part No</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Ram Assembly</td>
<td>JMVPJ30001</td>
<td>29</td>
<td>Secondary O-Ring</td>
<td>JMVPJ30029</td>
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<tr>
<td>2</td>
<td>Bolt M16 x 115 mm</td>
<td>JMVPJ30002</td>
<td>30</td>
<td>Grubscrew M10 x 1.25</td>
<td>JMVPJ30030</td>
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<tr>
<td>3</td>
<td>Flat Washer 16 dia</td>
<td>JMVPJ30003</td>
<td>31</td>
<td>Small Spring</td>
<td>JMVPJ30031</td>
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<tr>
<td>4</td>
<td>Nut M16</td>
<td>JMVPJ30004</td>
<td>32</td>
<td>Steel Ball 6 dia</td>
<td>JMVPJ30032</td>
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<tr>
<td>5</td>
<td>Roller Guide Block</td>
<td>JMVPJ30005</td>
<td>33</td>
<td>Copper Washer</td>
<td>JMVPJ30033</td>
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<td>6</td>
<td>Roller Tube</td>
<td>JMVPJ30006</td>
<td>34</td>
<td>Ram Base</td>
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<td>7</td>
<td>Locking Screw</td>
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<td>Copper Washer</td>
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<td>8</td>
<td>Locknut M12</td>
<td>JMVPJ30008</td>
<td>36</td>
<td>N/a</td>
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<tr>
<td>9</td>
<td>Swivel Castor (unbraked)</td>
<td>JMVPJ30009</td>
<td>37</td>
<td>Steel Ball 5 dia</td>
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<tr>
<td>10</td>
<td>Inner Frame</td>
<td>JMVPJ30010</td>
<td>38</td>
<td>Sealing Ring</td>
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<tr>
<td>11</td>
<td>Lock Pin with Chain</td>
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<td>39</td>
<td>Release Thumbwheel</td>
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<td>12</td>
<td>Socket Head Bolt M6 x 20</td>
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<td>40</td>
<td>Tank Washer</td>
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<td>13</td>
<td>Lock Washer 6 mm dia</td>
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<td>Ram</td>
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<td>14</td>
<td>Flat Washer 6 mm dia</td>
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<td>Cylinder</td>
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<td>15</td>
<td>Outer Frame</td>
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<td>Oil Plug</td>
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<td>16</td>
<td>Clasp Hook</td>
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<td>Oil Tank</td>
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<td>Washer</td>
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<td>End Seal</td>
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<td>18</td>
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<td>Piston End Cap</td>
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<td>19</td>
<td>Foot Pedal</td>
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<td>Piston O-Ring</td>
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<td>20</td>
<td>Hinge Pin 8 dia x 28 mm</td>
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<td>Bowl Sealing Ring</td>
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<td>21</td>
<td>Connecting Arm</td>
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<td>Tank End Cap</td>
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<td>22</td>
<td>Connecting Piece</td>
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<td>23</td>
<td>Spring Cover</td>
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<td>51</td>
<td>Steel Ball Seat</td>
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<td>24</td>
<td>Flat Washer</td>
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<td>52</td>
<td>Safety Valve Spring</td>
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<tr>
<td>25</td>
<td>Spring</td>
<td>JMVPJ30025</td>
<td>53</td>
<td>Safety Valve Screw</td>
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<tr>
<td>26</td>
<td>Pump Actuator</td>
<td>JMVPJ30026</td>
<td>54</td>
<td>O-Ring</td>
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<tr>
<td>27</td>
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<td>55</td>
<td>Screw</td>
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<td>28</td>
<td>O-Ring</td>
<td>JMVPJ30028</td>
<td>56</td>
<td>Swivel Castor (Braked)</td>
<td>JMVPJ30056</td>
</tr>
</tbody>
</table>
DECLARATION OF CONFORMITY

We hereby declare that this product(s) complies with the following directive(s):

2006/42/EC  Machinery Directive

The following standards have been applied to the product(s):

EN 1494-2000

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2008

Product Description: 12" Hydraulic Vehicle Positioning Jack
Model number(s): VPJ300
Serial / batch Number: N/A
Date of Issue: 17/03/2011

Signed:

J.A. Clarke
Director
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