

Safe Working Practices:

SWP-48- FMC WHEEL LIFT

Before doing any type of work you must carry out an assessment of the task to be undertaken. This will include the equipment to be worked on, the task itself, Personal Protective Equipment requirements, the work area and environment, plus the tools and equipment required to carry out the job safely. Consult your team leader if you are not satisfied the job can be carried out in a safe manner.

In addition to service/repair manual guidelines, the following must always be applied:

GENERAL

This Safe Working Practice is to give advice and guidelines on the controlled use of the manual wheel lifter to minimise manual handling of wheels being removed or fitted to fork lift trucks.

- 1.1 The final decision on how to carry out this activity safely lies with the competent technician and any specific requirements.
- 1.2 Only use this type of equipment on firm level ground.
- 1.3 Component parts:

Capacity plate



Wheel roller arms



Hydraulic pump & handle



Hydraulic control valve



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Locking pins



Castor wheels



Pump handle storage



Wheel security strap



Overview



Steering handle



WORK PROCESS – PRE-USE INSPECTION

- 2.1 Prior to carrying out any lifting operations, the following checks must be carried out.
- 2.2 Check the frame, steering handle and locking pins for security.
- 2.3 Visually check the security strap for excessive wear or damage.
- 2.4 Check that the front and rear castor wheels move freely. The truck is steered using the steering handle and turns with the castor wheels.

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- 2.5 Test the hydraulic pump by closing the hydraulic control valve (turn clockwise until fully closed) and using the handle, press down several times. Visibly check that the wheel rollers raise. To release the pressure, open the hydraulic control valve (turn anti-clockwise). NOTE: The wheel rollers may require weight or pressure to return to the start position.
- 2.6 Check the wheel rollers for free movement.
- 2.7 When not in use, remove the pump handle and store in the slot provided.
- 2.8 If there are no visual or mechanical issues found the lift is ready for use.

WORK PROCESS

- 3.1 Position lifter as required for the lifting or lowering process as close as possible to the wheel.
- 3.2 Apply the load so that it sits on the wheel rollers vertically (max capacity 160Kg).
- 3.3 Raise or lower as required to remove or fit the wheel using the hydraulic pump.
- 3.4 If transporting the wheel across any distance, apply the wheel security strap to prevent the wheel from falling off of the lifter.

Children and Young Persons

- 4.1 See Safety & Environmental Manual procedure "Employment of Young Persons" for precise definitions on children and young persons.
- 4.2 "Children" may be allowed to observe such operations and work practices, but must take no active part, be kept at a safe distance and under the constant supervision of a competent person.
- 4.3 "Young Persons" may only be involved in such work subject to the conditions imposed above and only when under the constant supervision of a competent person.