

# SAFETY INSTRUCTIONS



## DO NOT DISCARD - GIVE TO USER

- To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.
- Our goal is to produce tools that help you work safely and efficiently. The most important safety device for this or any tool is YOU. Your care and good judgment are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.
- Only qualified and trained operators should adjust or use jacks or vehicle support stands.
- This tool and its accessories must not be modified in any way.
- Do not use this tool if it has been damaged.
- If the working load limit or hazard warning signs on the tool cease to be legible or become detached, replace without delay.
- Only use jacks on hard level surfaces (e.g. concrete).
- Never lift people.
- Only use jacks for lifting and lowering. Immediately after lifting, support the raised vehicle on vehicle support stands.
- Do not get under a vehicle that is supported by a jack. Never place any part of the body under a raised vehicle until it is sitting on support stands or vehicle ramps.
- Do not move or dolly a vehicle which is on a jack.
- Only use attachments and / or adaptors supplied by the manufacturer of the jack.
- Operators and maintenance personnel must be physically able to manoeuvre the jack and apply the necessary pumping forces.

### **▲ For additional safety information consult:**

- Other documents and information packed with this tool.
- Your employer, union and / or trade association.
- "Safety Standard for Portable Automotive Lifting Devices" (ANSI/ASME PALD), available at the time of printing from Global Engineering.
- Further occupational health and safety information can be obtained from the following web sites:

### **▲ Caravan and trailer jacks – additional safety instructions**

- Use only with the correct engagement fitting.
- Before raising a caravan or trailer, chock the unlifted wheels.
- No person should remain in a caravan or trailer that is being lifted.
- The caravan or trailer should remain attached to the towing vehicle.
- Never place any part of the body under a raised caravan or trailer until it is sitting on caravan / trailer support stands.

### **▲ Transmission jacks – additional safety instructions**

- Adequately support the vehicle before starting repairs.
- Transmission jacks must only be used for removing, installing, or transporting in the lowered position, vehicle transmissions, transfer cases or transaxles.

### **▲ Vehicle support stands – safety instructions**

- Do not exceed the working load limit / rated capacity of the vehicle support stand.
- Only use on hard level surfaces (e.g. concrete)
- Use in matched pairs at one end of a vehicle only.
- Ensure that the locking pin or mechanism is fully engaged.
- Do not extend the height of the stand beyond its maximum working height.
- Do not use stands to simultaneously support both ends or one side of a vehicle.
- Locate the stands under a solid portion of the vehicle; consult the vehicle owner's manual for guidance.
- Centre the load on the saddle.
- Position the support stands and slowly lower the jack until the vehicle rests on them.
- Ensure the vehicle is sitting securely on the support stands before getting under the vehicle.
- No person should enter or remain in a vehicle that is supported on stands
- Securely chock wheels remaining on the ground.

### **▲ Air supply and connection hazards (for air hydraulic jacks only)**

- Air under pressure can cause severe injury.
- Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- Never direct air at yourself or anyone else.
- Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
- Do not use quick disconnect couplings at tool. See instructions for correct set up.
- Whenever universal twist couplings are used, lock pins must be installed.
- Do not exceed maximum air pressure of 6.3 bar or as stated on tool nameplate.

### **▲ Raising a vehicle**

- Park the vehicle on a hard level surface.
- No person shall remain in a vehicle that is being lifted.
- Consult the vehicle owner's manual to locate the lifting point to position the jack under the vehicle. If the incorrect lifting point is used, the jack could slip or tip.
- Before raising a vehicle, chock the unlifted wheels.
- Locate the load centrally on the lift pad / saddle.
- Watch carefully while raising a vehicle. Check that the lift pad / saddle sits squarely under the lifting point. Trolley jacks must be free to roll slightly to allow for the change of angle as the vehicle is raised and lowered.

### **▲ Using jacks – general safety instructions**

- Before each use, check the jack for leaks, cracked welds and for damaged, loose or missing parts; if any defects are found, do not use until repaired.
- Do not exceed the working load limit / rated capacity of the jack.

### **▲ Press- additional safety instructions**

- Never exceed the rated capacity of the press.
- Keep unauthorised persons, particularly children, away from the work area.
- Do not introduce hands or any other part of the body in the work area.
- Always use ocular and facial protection .
- Never wear baggy clothes, ties, watches, rings, chains, etc. when using the press.
- Long hair should be tied up.
- Prior to use, make sure the press is securely anchored.
- Use appropriate guarding to contain any pieces that may break or fly apart when applying force.
- Use only press accessories having a capacity rating equal to or greater than the capacity of the press.
- Verify lift cables are slack before pressing on the bolster.

- Avoid off-center loads.

### **Workplace Hazards**

- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work surface.
- Proceed with care in unfamiliar surroundings. Be aware of potential hazards created by your work activity.
- Jacks are not insulated from coming into contact with electric power sources and are not intended for use in potentially explosive atmospheres.

### **Maintenance and repair hazards**

- Any jack or support stand that appears damaged, worn or has been subjected to abnormal load or shock, shall be removed from service until repaired.
- Read and understand instruction and parts book before servicing this product.
- Only qualified and trained operators should maintain this product.



## **WARNING**

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