

# Work **Safe!** Bulletin

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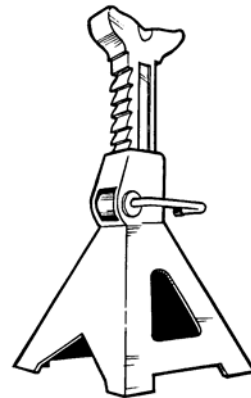
## WORKING UNDER VEHICLES: PROPER SUPPORT REQUIRED

Bumper and scissor jacks commonly found in vehicles is intended to assist in tire changing operations only and are not adequate support for working beneath vehicles. Before any work is undertaken beneath a vehicle it must be secured in an appropriate manner using supports intended for this purpose.

Some examples of appropriate supports are:

### VEHICLE SUPPORT STANDS

Vehicle support stands must be labelled by the manufacturer as to capacity, be of the appropriate capacity for the vehicle being supported and be used in accordance with manufacturers specifications. American National Standards Institute (ANSI) approved stands are available in the Province of Manitoba.



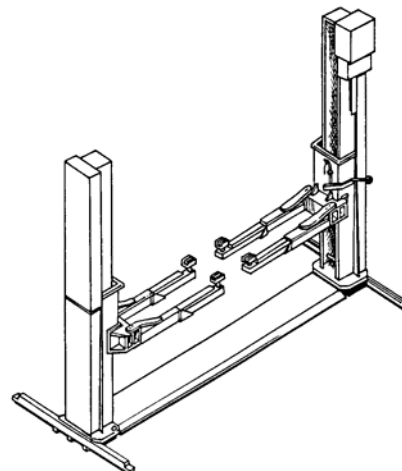
### WOOD FABRICATED STANDS

Wood fabricated stands must be constructed of 50 millimeter x 100 millimeter (2"x4") lumber as a minimum, be of solid - square configuration and be inspected prior to each use to ensure structural integrity. A minimum of four stands of equal size must be used and they must be situated on concrete, asphalt or level, hard-packed ground. Stands intended for outdoor use should be constructed of pressure treated lumber. Wood fabricated stands found to be damaged or deteriorated must be taken out of service immediately.



### AUTOMOTIVE HOISTS

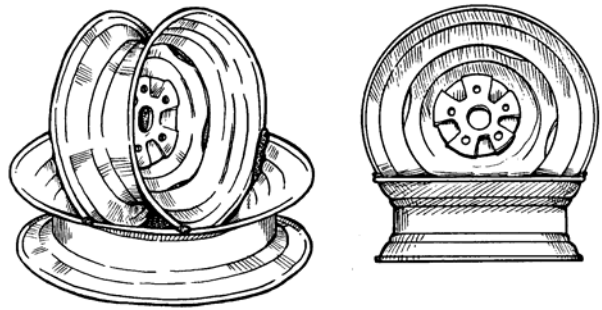
In-ground and surface-mounted automotive hoists must be regularly inspected and maintained and only be used by trained personnel in accordance with manufacturer specifications. Specific information on the maintenance, inspection and use of Automotive hoists can be found in Worksafe Bulletins 120 and 122, and in "Guidelines for Automotive Lifts" available from this Branch.



**WELDED RIM STANDS**

The use of welded automobile and truck wheel rims in the auto recycling industry is widespread. Proper construction and use of this is vital to ensure that workers employed in the industry and the public at large is protected. The Automotive Dismantlers & Recyclers of Manitoba Incorporated (A.D.R.M.) have obtained specifications for the construction and use of welded rim stands. These may be obtained by contacting the Association. Some of the requirements for welded rim stands are as follows:

- ✓ **Steel rims** only--no aluminum
- ✓ **Bottom rim** to be equal to, or larger than, the upright rim
- ✓ **Fabricated by** a Canadian Welding Bureau (C.W.B.) certified welder, or inspected by a C.W.B. approved firm.
- ✓ **Minimum four** stands per vehicle placed under a secure frame.
- ✓ **Placed directly** on a concrete floor, or on 19 millimeter ( $\frac{3}{4}$  inch) thick plywood, on hard packed level ground.



**Further information can be obtained from the Automotive Dismantlers & Recyclers of Manitoba, Unit "L", 844 McLeod Avenue, Winnipeg, R2G 2T7, Telephone 667-7882 or the Workplace Safety and Health Division**