

ANSI/ALI ALOIM-2000 Standard for Automotive Lifts

Safety Requirements for Operation, Inspection and Maintenance

Scope and Application:

This standard covers the safety requirements for operation, inspection, and maintenance of installed automotive lifts

Purpose:

The purpose of this standard is to provide a basis for common understanding among owners, users, service personnel, the general public and the regulatory community as to **the minimum requirements for operation, inspection and maintaining automotive lifts.**

Operation:

The employer shall ensure that operators of automotive lifts are instructed in the safe use and operation of the automotive lifts (this training shall be documented).

Operators must have the following qualifications:

1. Ability in written or oral communication as demonstrated by one or more of the following: high school diploma or certificate of equivalency, aptitude test or job experience;
2. Ability to understand the mathematical, mechanical and electrical principles of automotive lifts as demonstrated by one or more of the following: aptitude test, training program, technical-vocational school, school of higher learning or job experience;
3. Demonstrated physical ability to carry out lift operator responsibilities in a safe manner.

The operator shall operate the automotive lift only after being properly trained in accordance with the **ANSI/ALI ALOIM-2000** standard and the manufacturer supplied instructions.

Operators should be aware of the vehicle lifting points for the type of lift they are using. Lifting points should be identified in the vehicle owner's manual. They may also be found in the ALI publication **Quick Reference Guide: Vehicle Lifting Points for Frame Engaging Lifts (Domestic and Imported Cars and Light Trucks)**. The operator shall use all applicable safety features provided and operate the lift in accordance with the instructions provided by the lift manufacturer.

The operator is responsible for maintaining the cleanliness or orderliness of the lift and its surroundings so that the lift may be safely operated. The operator is also responsible for daily inspections of the lift and to report any deficiencies to the supervisor.

Inspection:

The employer shall establish a periodic inspection procedure in accordance with the recommendations of the lift manufacturer in order to ensure reliability and allow the continued safe operation of the lift.

These periodic inspections shall be performed by a qualified inspector. The qualified inspector will have achieved their training through experience in installation or field service work for users, manufacturers, distributors or service organizations for

automotive lift products.

Periodic inspections will be documented, noting the observations and finding of all points of inspection recommended by the manufacturer as well as subsequent repairs or replacements accomplished.

(Over)

(cont'd)

The frequency of these inspections will be in accordance with the manufacturer. Without regard to the frequency specified by the lift manufacturer, the lift is to be inspected by a qualified lift inspector as a minimum annual requirement.

Inspection records must be maintained for each lift.

Maintenance:

Automotive lifts must be maintained by a manufacturer's representative or someone who is qualified to perform this work (typically an automotive lift inspection and repair firm).

Operators may be trained to perform routine preventative maintenance by a manufacturer's representative or qualified automotive lift maintenance technician.

Automotive lifts must be inspected and tested monthly unless the manufacturer requires more frequent inspection and testing.

Routine maintenance must be carried out as specified in the manufacturer's manual or by a professional engineer. Automotive lifts must be repaired according to the manufacturer's instructions or the written instructions of a professional engineer.

Repairs should be performed by someone who can act on behalf of the manufacturer, including:

- A qualified automotive lift maintenance technician
- A qualified independent lift service company
- A professional engineer

Maintenance records must be maintained for each lift.

Modifications:

There shall be no modifications or reconstruction made to any automotive lift without the expressed written permission of the manufacturer.

This bulletin contains a summary of excerpts taken from the standard, for general information purposes only. This bulletin is not reflective of the complete requirements that the standard prescribes.

Note: *Manitoba Regulation M.R. 217/2006 Section 1.4 inconsistency:*

If there is an inconsistency between this regulation and a requirement contained in a publication, code or standard referenced in this regulation, the provisions in this regulation prevail.