

PART 12: TOOLS, MACHINERY AND EQUIPMENT

AUTOMOTIVE LIFTS AND OTHER VEHICLE SUPPORTS

Standards	12.74	<p>(1) An automotive lift must meet the requirements of <i>ANSI Standard ANSI/ALI ALCTV-1998, American National Standard for Automotive Lifts – Safety Requirements for Construction, Testing and Validation.</i></p> <p>(2) The operation, inspection and maintenance of an automotive lift must meet the requirements of <i>ANSI Standard ANSI/ALI ALOIM-2000, American National Standard for Automotive Lifts – Safety Requirements for Operation, Inspection and Maintenance.</i></p> <p>(3) Portable automotive lifting devices and vehicle supports must meet the requirements of the applicable section of <i>ANSI Standard ASME PALD-2003, Safety Standard for Portable Automotive Lifting Devices.</i></p>
Assembly and installation	12.75	An automotive lift, portable automotive lifting device or other vehicle support must be assembled and installed by qualified personnel.
Operation	12.76	Operation, inspection, repair, maintenance and modification of an automotive lift, portable automotive lifting device or other vehicle support must be carried out according to the manufacturer's instructions or the written instructions of a professional engineer.
Records	12.77	The employer must keep a maintenance, inspection, modification and repair record for each automotive lift.
Inspection and testing	12.78	An automotive lift must be inspected and tested monthly in a manner acceptable to the Board, unless the manufacturer requires more frequent inspection and testing.
Rated capacity	12.79	<p>(1) The rated capacity must be marked on each automotive lift, portable automotive lifting device or other vehicle support and must not be exceeded.</p> <p>(2) Repealed. [B.C. Reg. 312/2003.]</p> <p>(3) If the rated capacity of a device listed in subsection (1) is dependent on the concurrent use of 2 or more devices, the number of devices required to achieve the rated capacity must be clearly marked on the devices.</p>
Controls	12.80	The control for an automotive lift must require continuous pressure by the operator when raising or lowering the unit, and the control must return to the neutral position when released.
Vehicle restraint	12.80.1	Before a runway type automotive lift is used, <p>(a) manual wheel chocks must be used as the primary means to restrain the vehicle from movement, and</p> <p>(b) automatic or fixed stops, or a combination of them, must be provided and used as a secondary means to prevent the vehicle from inadvertently rolling off either end of the runway.</p>
Swing-arm restraint	12.80.2	<p>(1) If an automotive lift has swing arms, a swing-arm pivot restraint system must be used.</p> <p>(2) The swing-arm pivot restraint system must incorporate a means to prevent unintentional removal or disengagement.</p>