

FOUNDATION REQUIREMENTS

Concrete shall have compression strength of at least 3,000 PSI and a minimum thickness of 4".

CAUTION! DO NOT use on asphalt or similar unstable surfaces.

SPECIAL NOTE

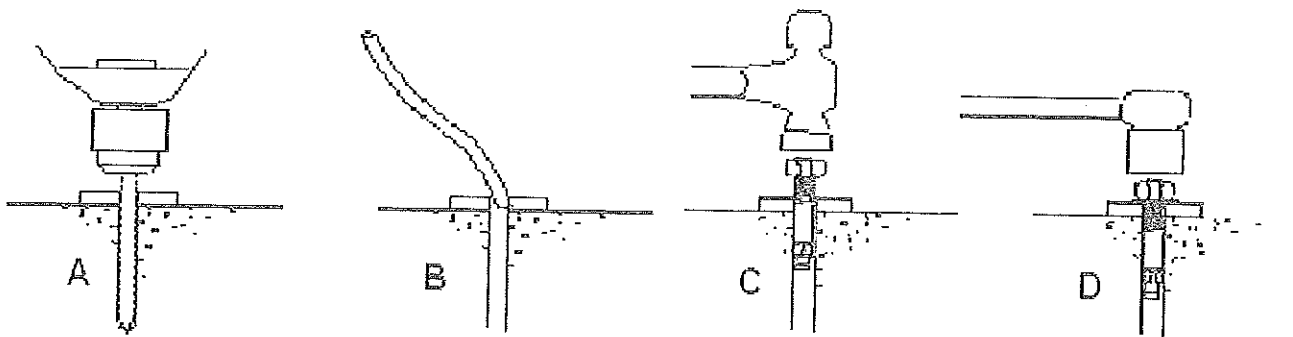
This Lift does not require bolting to the floor
(BUT)

If you choose the option to anchor the Lift to the floor please follow the detailed instructions and criteria below.

FOUNDATION and ANCHORING REQUIREMENTS

1. Concrete shall have compression strength of at least 3,000 PSI and a minimum thickness of 4" in order to achieve a minimum anchor embedment of 3 1/4". **NOTE:** When using (3/4" x 5 1/2") long anchors; if the top of the anchor exceeds 2 1/4" above the floor grade, you **DO NOT** have enough embedment.
2. Maintain a 6" minimum distance from any slab edge or seam. Hole to hole spacing should be a minimum 6 1/2" in any direction. Hole depth should be a minimum of 4".
3. Shim each column base as required until each column is plumb. If one column has to be elevated to match the plane of the other column, full size base shim plates should be used. Torque anchors to 110 ft-lbs. Shim thickness **MUST NOT** exceed 1/2" when using the 5 1/2" long anchors with the lift. Adjust the column extensions plumb.
4. If anchors do not tighten to 110 ft-lbs. installation torque, replace the concrete under each column base with a 4' x 4' x 6" thick 3,000 PSI minimum concrete pad keyed under and flush with the top of existing floor. Allow concrete to cure before installing lifts and anchors (typically 2 to 3 weeks).

ANCHORING TIP INSTRUCTIONS



CAUTION!

Anchors must be at least 6" from the edge of the slab or any seam.

1. Use a concrete hammer drill with a carbide tip, solid drill bit the same diameter as the anchor, $\frac{3}{4}$ ". (.775 to .787 inches diameter). Do not use excessively worn bits or bits which have been incorrectly sharpened.
2. Keep the drill in a perpendicular line while drilling.
3. Let the drill do the work. Do not apply excessive pressure. Lift the drill up and down occasionally to remove residue to reduce binding.
4. Drill the hole to depth equal to the length of anchor. Note: Drilling thru concrete (recommended) will allow the anchor to be driven thru the bottom of foundation if the threads are damaged or if the lift will need to be relocated.
5. For better holding power blow dust from the hole.
6. Place a flat washer and hex nut over threaded end of anchor, leaving approximately $\frac{1}{2}$ inch of thread exposed carefully tap anchor. Do not damage threads. Tap anchor into the concrete until nut and flat washer are against base plate. Do not use an impact wrench to tighten! Tighten the nut, two or three turns on average concrete (28-day cure). If the concrete is very hard only one or two turns may be required. Check each anchor bolt with torque wrench set to 110 foot pounds.

SEISMIC - Varies by location consult
with your structural engineer and
manufacturer's representative.

*The supplied concrete fasteners meet the criteria of the American National Standard "Automotive Lifts - Safety Requirements for Construction, Testing, and Validation" ANSI/ALI ALCTV-2011, and the lift owner is responsible for all charges related to any additional anchoring requirements as specified by local codes.

Contact customer service for further information at: 866.347.5438