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**ULTIMATE GUIDE TO**

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# Vehicle Lift Installation



## **Installing your car or truck lift the right way (not to mention safely) takes some pre-planning.**

But with the right amount of preparation, tools and several extra hands, you can install your new lift in no time.

Of course, having your lift installed by a Rotary Authorized Installer also has its advantages. Don't overlook all of the benefits that come with having your lift installed for you. More to come on that!

## Select a Location

- Check your lift's dimensions against the architect's plans for your shop, if possible. You definitely don't want to purchase, assemble and begin installation on a lift that is too large for the space you have.
- Remember: Space to install the lift isn't enough. You also need the space to operate the lift safely.
- Don't plan on installing in an area where there isn't adequate overhead clearance. Your space should be free of lights, electrical lines, heaters and architectural elements above the lift.
- Ensure that an electrician will have easy access to a 220-volt, 30-amp, single-phase, grounded electrical source.

## Flooring

- Don't install your lift on any surface other than concrete.
- Concrete must be reinforced to a minimum of 3,000 PSI and follow the thickness guidelines for the specific lift you're installing.
- Your intended location should have a good, solid foundation. Check for cracks or defects in the concrete before you begin installation.
- We recommend that your floor be as close to level as possible. You can always use shims to achieve a perfectly level lift, but that adds another element to your installation.
- If you pour new concrete to attain a level surface, allow a minimum of 30 days before installation so that the concrete can adequately cure.
- Don't install your lift outdoors without taking precautions to protect the power unit from the elements.

## Initial Assembly

- Before beginning assembly, read the instructions carefully. While the assembly steps aren't necessarily difficult, a lift is an expensive, heavy and potentially dangerous piece of equipment. You don't want to lose your investment or cause injury due to taking a shortcut.
- When assembling the structure, keep everything square and aligned.
- Initially, tighten the bolts by hand. Then, finish by torqueing to the specifications in the instructions.
- Assemble the equalizer cables, hydraulics and arm restraints while the lift is still lying on the ground.

## Final Assembly

- Raising the lift will take a minimum of six people. If your lift is intended for heavier vehicles, it may take as many as ten.
- Use an SDS-max rotary hammer to start the holes for the mounting hardware. Then, use a masonry bit to drill through the concrete completely. (Always wear safety gear.)
- Use the included or recommended wedge anchors and torque to specs.
- Columns should be 90 degrees. Level with shims if necessary.
- Hire a licensed electrician to install power.
- Inspect every aspect of the lift before use— safety mechanisms, hydraulics, cables, everything.

## Leave it to the pros

While you can certainly install your new lift without a Rotary Authorized Installer (RAI), it's a lot easier and more beneficial if you don't go it alone. When you do choose to use a RAI, you get these guarantees:

**Parts.** RAIs only use Genuine Rotary Parts during the installation and for service.

**Parts warranty.** Two-year warranty on parts (with the option of buying three more years).

**Installation.** One-year warranty against faulty materials or workmanship.

**Insurance.** RAIs are fully covered with both general liability insurance and product/operations insurance, which means you're protected even after the RAI leaves your shop.

**On-site training.** Your techs receive full training on the new lift before the RAI leaves your shop.

**Inspections.** Many RAIs are certified to inspect lifts by the Automotive Lift Institute and can conduct inspections upon request or on a regularly scheduled basis.

To find a Rotary Authorized Installer near you, simply visit our site at [RotaryLift.com /Support-RAI](http://RotaryLift.com/Support-RAI).

