

Discover Why Versymmetric Technology Is Part of the Reason Challenger Lifts is Leading Car Lift Innovation

Why limit your service bay's production with an asymmetric or symmetric lift? Maximize your revenue potential with Challenger's Versymmetric 2-in-1 automotive lifts.



We're not just lifting vehicles.

We're raising the standards for the entire automotive lifts industry.

- What is Versymmetric technology?
- What is the advantage of Versymmetric technology?
- How can Versymmetric technology increase onsite production?
- Return on investment
- directSPOT™
- The CL10V3 car lift: Versymmetric product insight, features and benefits



What is versymmetric technology?

Established in 1992, Versymmetric® Technology is a registered trademark of Challenger Lifts. Often copied but never duplicated, Versymmetric lifting technology from Challenger Lifts is the original two in one car lift.

How is a Versymmetric lift two car lifts in one?

Some garages rely on asymmetric and symmetric car lifts to service the full range of cars, SUVs, vans, trucks and commercial vehicles they'll inevitably see. These car lifts are designed to lift certain types of vehicles without crossover, necessitating investments in each type of lift to operate at full capacity.

Asymmetric car lifts are designed to lift vehicles with an asymmetrical center of gravity. Asymmetric lifts move the vehicle's center of gravity back, benefitting most passenger cars with a skewed front-to-back weight ratio. With about 2/3 of the vehicle behind the asymmetric car lift's posts, the lift minimizes stress on cars' lift points. The asymmetric design also allows cars' doors to be fully opened, significantly reducing the risk of door damage. Many shops unknowingly improperly lift larger vehicles (like full size trucks and SUV's) on asymmetric lifts, putting unnecessary strain on the lift and more quickly wearing lift components.

Symmetric car lifts are traditionally used for vans, trucks or vehicles with generally symmetric weight distribution. Symmetric lifts favor the vehicle in a centered position so the center of gravity can be distributed evenly between lift columns. Two lift arms of equal length face one another from opposing columns in order to lift vehicles with a symmetrical center of gravity.

Versymmetric car lifts provide users with the capabilities of asymmetric and symmetric car lifts. By combining a two-in-one asymmetric and symmetric lifting design in one lift, Versymmetric lifts can safely and properly accommodate cars, trucks, crossovers, SUVs and vans all within the same service bay.

What is the advantage of Versymmetric technology?

Versymmetric car lifts by Challenger are capable of safely and properly lifting all 20 of 2010's top selling vehicles, without straining lifting components. These vehicles include:

Ford F-Series
Toyota Camry
Ford Fusion
Toyota Corolla
Chevrolet Malibu

Ford Escape
Dodge Ram
Chevrolet Equinox
Toyota RAV4
Nissan Sentra

Chevy Silverado/CK
Honda Accord
Nissan Altima
Honda Civic
Chevrolet Cruze

Chevy Impala
Hyundai Sonata
Toyota Prius
GMC Sierra
Hyundai Elantra

Comparatively, a standard asymmetric car lift could handle about 80% of the vehicles listed above, excluding the heavier pickups (Ford F- Series, Chevy Silverado, GMC Sierra and Dodge Ram).

Still, some garages lacking the proper lift equipment are left little choice but to lift larger vehicles with under-equipped asymmetric car lifts. The result is jeopardized safety and a needlessly compromised vehicle and lift. Lifting large pick-ups and SUVs with an asymmetric lift can cause undue wear and tear on the lift (such as causing the arms to sag) leading to hazardous conditions because of damaged load bearing parts. Also, a compromised lift introduces risk to the vehicle by putting it in a vulnerable position.

Symmetric car lifts – relegated to vehicles with long wheelbases and symmetric centers of gravity - have the capacity to properly handle the remaining 20% of 2010's top selling vehicles (namely the Ford F-Series, Chevy Silverado, GMC Sierra and Dodge Ram).

How can Versymmetric technology increase onsite production?

Technicians need to be able to lift every vehicle that rolls into their garages safely and efficiently. Simply put, service facilities make a living working on vehicles of all types, so having the right lift to accommodate the right vehicle is essential in today's fast-paced shop.

Many garages limit each bay's potential because they have either an asymmetric or symmetric lift to work with; this restricts bays to servicing either passenger cars and light SUVs or larger trucks and vans, or in the other case, jeopardizes the lift operator's safety and a customer's vehicle. Challenger's Versymmetric lifts effectively serve the purpose of both, maximizing a service bay's productivity to its full potential.

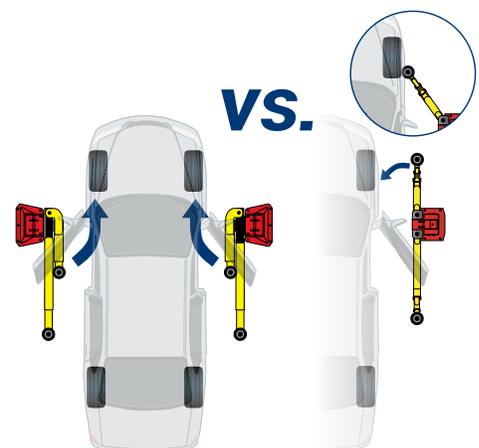
Symmetric and asymmetric lifts force service facilities to decide what types of vehicles are serviced most, limiting productivity and revenue potential. Turning away business because you don't have the right car lift for the job threatens a shop's profitability by adversely impacting the bottom line.

Return on Investment

Challenger Versymmetric Lifts expedite a shop's return on investment by providing the versatility to lift virtually all vehicles within the same service bay. This exclusive technology facilitates increased revenue over the life of the lift and allows a quicker return on their equipment purchase.

directSPOT™

directSPOT™ is a trade mark of Challenger Lifts. Offset front arms provide directSPOT lifting capability and open door clearance to vehicle controls. When a car, truck or SUV is driven through the lift columns, directSPOT allows the offset front arms to swing in from an asymmetric stowed position, direct to the vehicle's front lifting point. This eliminates the need to shuffle the vehicle back and forth to swing the front arm clear of the front tire in order to reach its recommended lift points – an inefficiency common of traditional car lifts that do not have offset front arms.



The CL10V3 car lift: Versymmetric product insight, features and benefits

The CL10V3 two post car lift provides open door clearance for both asymmetric and symmetric lifting applications. All Challenger Versymmetric two post car lifts feature double telescoping screw pads that adjust to multiple heights to accommodate most lifting points without extra height adapters.

The offset directSPOT 3-stage front arms allow them to be stored in an asymmetric lifting position behind the front tires. When the vehicle is driven through, the front arms make one sweep to the vehicle's lifting points without having to reposition or shuffle the vehicle back and forth. The 3-stage front arms provide maximum retraction for lifting wide body imports with designated outside lifting points. The 3-stage rear arms provide maximum reach for hitting the lifting points of long wheelbase vehicles.



The CL10V3 features a gusseted base plate that provides rigidity and is less sensitive to uneven floors. Grease fittings located on fully sleeved cross tubes help the arms to swing freely. The CL10V3's 48" length carriage with 8 UHMW slide blocks minimizes stress on load bearing points providing less wear and maximum dependability. A heavy duty 5" diameter pulley and 5/16" cable thickness reduces stress on the equalization system and increases cable bending life. Additionally, a padded overhead shutoff bar protects vehicles from accidentally being raised too high.

The CL10V3 features both 3-stage front and 3-stage rear arms, an innovation pioneered by Challenger Lifts to offer maximum arm reach and retraction in order to meet the OEM recommended lifting points of the widest range of vehicles, including:

- Uni-body design vehicles
- Vehicles with outside designated pick-up points
- Wider vehicles
- Low profile vehicles
- Both short and long wheelbases

**2Lifts
inOne™**

Awards and Recognition

Among the CL10V3's awards is the 2008 PTEN (Professional Tool & Equipment News) Innovation Award. More than 40 companies competed by entering new products they felt were essential for helping businesses work quicker, smarter, safer and more efficiently.

Contact Us

Challenger Lifts
200 Cabel Street
Louisville, KY 40206

800-648-5438
sales@challengerlifts.com
www.challengerlifts.com

