

In the real world of servicing automobiles, a technician needs to be able to lift virtually any vehicle. Challenger Lifts has been designing, manufacturing and distributing lifts that meet this need for over 15 years. In fact, Challenger Lifts is the leading manufacturer of lifts that combine symmetric and asymmetric lifting capabilities in one design. This innovation is called Versymmetric® Technology.

Asymmetric only lift columns have to be rotated 30° to safely lift only vehicles with an asymmetric center of gravity like front wheel drive passenger cars. Symmetric only lifts are designed to lift only vehicles with a symmetric center of gravity like full size pick up trucks, vans and SUV's. These lifts force a service facility to decide what types of vehicles are serviced most, limiting their productivity and revenue potential.

Versymmetric® lifts safely lift vehicles with a symmetric or an asymmetric center of gravity. The heavy duty columns and arms of Versymmetric® lifts are engineered to lift virtually all vehicles.



Challenger Lifts Versymmetric® Arm Configurations



Offset 3-stage front arms + 3-stage rear arms - 2-Post Model CL10V3

- » Maximum arm sweep, arm retraction and reach
- » Offset front arms provide single sweep spotting of virtually any vehicle
- » Meets OEM recommended pick up points of the widest range of vehicles including:
 - › Uni-body design vehicles
 - › Vehicles with designated outside pick up points
 - › Wider vehicles
 - › Low profile vehicles
 - › Both short and long wheelbases
- » Lifts vehicles with a symmetric or asymmetric center of gravity



Offset front arms - 2-Post Model CL10

- » Wide arm sweep with excellent arm retraction and reach
- » Offset front arms provide single sweep spotting of virtually any vehicle
- » Meets OEM recommended pick up points of most vehicles
- » Lifts vehicles with a symmetric or asymmetric center of gravity



3-stage front arms - 2-Post Model VS10, E10

- » Wide arm sweep with excellent arm retraction and reach
- » Meets OEM recommended pick up points of most vehicles
- » Lifts vehicles with a symmetric or asymmetric center of gravity



Offset 3-stage front arms + offset 3-stage rear arms - Inground Model CS1020WV

- » Maximum arm sweep, arm retraction and reach
- » Single sweep spotting of virtually any vehicle
- » Meets OEM recommended pick up points of the widest range of vehicles
- » Lifts vehicles with a symmetric or asymmetric center of gravity

Versymmetric®
Technology



CL10V3



CL10



VS10



E10



CS1020WV

Versymmetric® Arm Configuration	Offset 3-stage front arms + 3-stage rear arms	Offset front arms	3-stage front arms	3-stage front arms	Offset 3-stage front arms + offset 3-stage rear arms
Front Arm Reach	19 ¹³ / ₁₆ " to 42"	27" to 41"	21 ³ / ₄ " to 43 ¹ / ₂ "	21 ³ / ₄ " to 39 ¹ / ₄ "	19 ⁵ / ₈ " to 42"
Rear Arm Reach	37 ⁵ / ₈ " to 60"	42" to 59"	38 ⁵ / ₈ " to 61 ³ / ₈ "	38 ¹ / ₈ " to 55 ³ / ₈ "	19 ⁵ / ₈ " to 42"
Screw Pad Height	37 ⁷ / ₈ " to 7 ¹ / ₈ "	37 ⁷ / ₈ " to 7 ¹ / ₈ "	37 ⁷ / ₈ " to 7 ¹ / ₈ "	37 ⁷ / ₈ " to 7 ¹ / ₈ "	37 ⁷ / ₈ " to 7 ¹ / ₈ "
Lifting Capacity	10,000 lb. Capacity	10,000 lb. Capacity	10,000 lb. Capacity	10,000 lb. Capacity	10,000 lb. Capacity
Column Height	11'8"	11'8"	Adjustable: 11'11 ¹ / ₂ " or 12'5 ¹ / ₂ "	12'7 ¹ / ₄ "	6'7" plus height of tallest vehicle
Column Extension Available	2' and 3'	2' and 3'	no extensions available	no extensions available	NA
Cylinder at Full Stroke	11'11"	11'11"	12'13 ³ / ₈ "	NA	NA
Width	Adjustable: 11'6 ¹ / ₂ " / 11'11"	Adjustable: 11'6 ¹ / ₂ " / 11'11"	Adjustable: 10'11" / 11'4 ³ / ₄ "	10'11 ³ / ₄ "	9'2"
Drive Thru Clearance	100 ¹ / ₂ " / 105"	100 ¹ / ₂ " / 105"	92 ³ / ₈ " / 98 ³ / ₈ "	98 ³ / ₈ "	87"
Speed of Rise	48 sec.	48 sec.	52 sec.	52 sec.	45 sec.
Warranty	2 year parts 1 year labor	2 year parts 1 year labor	1 year parts 1 year labor	1 year parts	2 year parts 1 year labor