



A Chris Alston's Chassisworks, Inc. Brand

Smooth Body QuickSet 1

A single-adjustable shock with a 16-step knob that adjusts bump and rebound simultaneously.



Features

- Available in 6 travel lengths (2.8 to 7.15 in.)
- All aluminum design for minimum weight
- Made in America
- One-piece lower spring seat with half turn positive click stops, and locking set screws
- Urethane bushings or Teflon lined spherical bearing ends
- Individually dyno-tested and calibrated to assure uniform performance
- Revolutionary adjuster mechanism provides shorter body at any travel length
- Unique mounting-eye design creates greater clearance
- Urethane mounting-eye contains 3.5 times the amount of urethane material for longer life
- Rebuildable if necessary

Adjustment

- Single external adjustment with 16-steps. Adjusts both bump and rebound equally from soft to hard.
- Adjuster knob is clearly laser-etched with plus and minus signs

Designed from a clean sheet of paper, VariShock is the first affordable smooth body to combine sophisticated shock valving with all-new, American-made components. Never before have so much performance, repeatability and adjustability been offered at such an affordable price. In the single-adjustable model you have 16 settings where both bump and rebound are adjusted simultaneously. This offers a good compromise between the ultimate tune ability of the QuickSet 2 and affordability with the QuickSet 1.

Repeatability is unprecedented! By controlling the quality of the components, assembling them in-house and dyno-testing every assembly, Chris Alston's Chassisworks can deliver a pair of VariShocks that perform virtually identically — throughout the entire range of travel. Whereas other brands in this price range rely on cheaper offshore or OEM parts, American-made VariShocks are engineered systems of premium components, all designed to meet your specific needs. The shocks use "Deflective Disk Valving" in the pistons to eliminate spring fatigue. They have piston rods made from 5/8" centerless ground hard chrome steel for wear resistance and long service life. VariShock models are even "rebuildable" in the event they get bent or damaged. Custom valving is also available.

A revolutionary adjustment mechanism, smaller than any previous design, allows our billet-aluminum body to be both shorter and lighter. You get more clearance around the eyes, plus greater travel within any shock length. We built two separate eyes to maximize the benefits of each mounting-eye style. The spherical-bearing eyes use a COM-8 1/2" bore x

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1-1/8" wide high-misalignment bearing with a Teflon-liner as standard. The eye has more clearance around the mounting brackets than any other design. The urethane end has up to 350% more urethane material than other brands, for superior load distribution, yet no less clearance around the eye. We chose a premium urethane with much higher load capacity for improved life than the poly bushings from other manufacturers. Urethane ends are 1-1/4" wide and accept 1/2" bolts.

Durability was improved in three key areas. Internal shaft seals were specifically designed and manufactured for these shock absorbers producing a longer lasting seal that helps keep dirt out of the shock absorber. Internal connections and return paths use a unique machined configuration and added seals to prevent bypassing. During low piston speeds the damping action of the shock is dominated by bypassing flows. VariShock eliminates the bypassing of internal leakage to give the shock repeatable control even at low piston speed.



Urethane bushings (1/2" bore x 1-1/4" wide) feature up to 350% more material, improving load distribution and extending bushing life.



Each knob is laser-etched with directional arrows for easy reference.

Smooth Body Quickset 1

Part Number	Description	Usage	Ride Height		Extended Length	Travel	Mount
			Min.	Max.			
\$194. ⁰⁰ (each)							
VAS 12111-280	Smooth Body QuickSet 1	front	9.67	10.23	11.35	2.80	COM-8
VAS 12111-350	Smooth Body QuickSet 1	front	10.70	11.40	12.80	3.50	COM-8
VAS 12111-425	Smooth Body QuickSet 1	both	11.75	12.60	14.30	4.25	COM-8
VAS 12111-515	Smooth Body QuickSet 1	rear	13.01	14.04	16.10	5.15	COM-8
VAS 12111-615	Smooth Body QuickSet 1	rear	14.41	15.64	18.10	6.15	COM-8
VAS 12111-715	Smooth Body QuickSet 1	rear	15.81	17.24	20.10	7.15	COM-8
VAS 12111-825	Smooth Body QuickSet 1	rear	17.34	18.99	22.29	8.25	COM-8
VAS 12111-975	Smooth Body QuickSet 1	rear	19.44	21.39	25.29	9.75	COM-8
VAS 12122-280	Smooth Body QuickSet 1	front	9.67	10.23	11.35	2.80	Poly
VAS 12122-350	Smooth Body QuickSet 1	front	10.70	11.40	12.80	3.50	Poly
VAS 12122-425	Smooth Body QuickSet 1	both	11.75	12.60	14.30	4.25	Poly
VAS 12122-515	Smooth Body QuickSet 1	rear	13.01	14.04	16.10	5.15	Poly
VAS 12122-615	Smooth Body QuickSet 1	rear	14.41	15.64	18.10	6.15	Poly
VAS 12122-715	Smooth Body QuickSet 1	rear	15.81	17.24	20.10	7.15	Poly
VAS 12122-825	Smooth Body QuickSet 1	rear	17.34	18.99	22.29	8.25	Poly
VAS 12122-975 add \$20	Smooth Body QuickSet 1	rear	19.44	21.39	25.29	9.75	Poly

Note: Sold only in pairs

All prices subject to change. Current pricing available at www.cachassisworks.com.



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