



A Chris Alston's Chassisworks, Inc. Brand

Smooth Body SensiSet

SensiSet uses ride sensitive valving that is factory set.



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

- The SensiSet Ride-Sensitive line is factory valved, calibrated, and dyno-tested to verify settings at assembly

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.

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 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

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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.

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Part Number	Description	Usage	Ride Height		Extended length	Travel	Mount
			Min.	Max.			
VAS 12011-280	Smooth Body SensiSet	front	9.67	10.23	11.35	2.80	COM-8
VAS 12011-350	Smooth Body SensiSet	front	10.70	11.40	12.80	3.50	COM-8
VAS 12011-425	Smooth Body SensiSet	both	11.75	12.60	14.30	4.25	COM-8
VAS 12011-515	Smooth Body SensiSet	rear	13.01	14.04	16.10	5.15	COM-8
VAS 12011-615	Smooth Body SensiSet	rear	14.41	15.64	18.10	6.15	COM-8
VAS 12011-715	Smooth Body SensiSet	rear	15.81	17.24	20.10	7.15	COM-8
VAS 12011-825	Smooth Body SensiSet	rear	17.34	18.99	22.29	8.25	COM-8
VAS 12011-975	Smooth Body SensiSet	rear	19.44	21.39	25.29	9.75	COM-8
VAS 12022-280	Smooth Body SensiSet	front	9.67	10.23	11.35	2.80	Poly
VAS 12022-350	Smooth Body SensiSet	front	10.70	11.40	12.80	3.50	Poly
VAS 12022-425	Smooth Body SensiSet	both	11.75	12.60	14.30	4.25	Poly
VAS 12022-515	Smooth Body SensiSet	rear	13.01	14.04	16.10	5.15	Poly
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VAS 12022-825	Smooth Body SensiSet	rear	17.34	18.99	22.29	8.25	Poly
VAS 12022-975	Smooth Body SensiSet	rear	19.44	21.39	25.29	9.75	Poly

Current pricing available at www.cachassisworks.com



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