



A Chris Alston's Chassisworks, Inc. Brand

## ShockWave™ - Rears

Air spring double-adjustable shock with a 16-step adjustment on both bump (compression) and rebound (extension) or a single-adjustable shock with a 16-step knob that adjusts bump and rebound simultaneously.



### Features

- 4" and 5" diameter tapered sleeves
- Available in 2 travel lengths (4.25 and 5.15 in.)
- All aluminum design for minimum weight
- Made in America
- Urethane bushings
- 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

### Double-Adjustable

- Double external adjustment with 16-steps each. Adjusts both bump and rebound individually from soft to hard
- Adjuster knob is clearly laser-etched with plus and minus signs
- Bump and rebound knobs clearly marked by arrows etched in body

### Single-Adjustable

- Single external adjustment with 16-steps. Adjusts both bump and rebound equally from soft to hard.

**VariShock ShockWave™** is a unique product line that combines VariShock shocks with Air Ride Technologies' air bag springs and control sets. The combined group of engineers redesigned Air Ride's upper bag mount for increased clearance. They relocated the air-fittings and built the new units around the VariShock QuickSet aluminum bodied adjustable shock family. Our double-adjustable shock unit gives you complete ride control as well as adjustable ground clearance. There are two styles of inlet port; the original style is in the spring cap, the new style is in the upper mounting eye. For the ultimate in driving performance and ride height adjustability, we recommend the VariShock ShockWave™.

RidePro™ air systems are available in two styles. The 2-way system provides front and rear control, a sway bar is recommended to prevent body roll. For applications without a sway bar, use our 4-way RidePro e™ pressure control system which controls excess body roll.

We even designed in trouble-free installation. We made the diameter of the upper air bellows mount significantly smaller. We also extended the mounting-eyes and machined them to provide greater clearance and incorporate the air inlet fitting. These shocks come in travel lengths for front and rear suspension applications. These VariShock ShockWave™ units are available with QuickSet 1 and QuickSet 2.

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

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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 and greater travel within any shock length. 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 also chose a premium urethane that has 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 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 speeds.

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(See separate datasheet)

QUICKSET 1 \$900 <sup>00</sup> (pair)	QUICKSET 2 \$1200 <sup>00</sup> (pair)	BAG STYLE	INLET PORT	RIDE HEIGHT	COMP. LENGTH	EXTEND LENGTH	TRAVEL	EYE
VAS 131J2-425	VAS 132J2-425	5" TAPERED SLEEVE	CAP	13.12	10.66	14.76	4.10	POLY
VAS 131J2-515	VAS 132J2-515	5" TAPERED SLEEVE	CAP	14.56	11.56	16.56	5.00	POLY
VAS 131K2-425	VAS 132K2-425	4" TAPERED SLEEVE	CAP	13.12	10.66	14.76	4.10	POLY
VAS 131K2-515	VAS 132K2-515	4" TAPERED SLEEVE	CAP	14.56	11.56	16.56	5.00	POLY

### VariShock ShockWave™ Fronts

QUICKSET 1 \$900 <sup>00</sup> (pair)	QUICKSET 2 \$1200 <sup>00</sup> (pair)	BAG STYLE	INLET PORT	RIDE HEIGHT	COMP. LENGTH	EXTEND LENGTH	TRAVEL	EYE
VAS 131G2-280	VAS 132G2-280	6.5" DOUBLE CONVOLUTED	CAP	10.75	9.19	11.79	2.60	POLY
VAS 131G2-350	VAS 132G2-350	6.5" DOUBLE CONVOLUTED	CAP	11.75	9.91	13.26	3.35	POLY
VAS 131G2-425	VAS 132G2-425	6.5" DOUBLE CONVOLUTED	CAP	12.71	10.66	14.76	4.10	POLY
VAS 131H2-280	VAS 132H2-280	6.5" DOUBLE CONVOLUTED	EYE	10.60	9.08	11.61	2.53	POLY
VAS 131H2-350	VAS 132H2-350	6.5" DOUBLE CONVOLUTED	EYE	11.59	9.80	13.05	3.25	POLY
VAS 131H2-425	VAS 132H2-425	6.5" DOUBLE CONVOLUTED	EYE	12.25	10.55	14.55	4.00	POLY

### VariShock ShockWave™ Air Systems

(See separate datasheet)

PART NUMBER	DESCRIPTION
VAS 310-4331 \$1495 <sup>00</sup>	RIDPRO E2® 4-WAY, ELECTRONIC CONTROL SYSTEM, 3-GALLON AIR TANK, 150-PSI COMPRESOR WITH 1/4" LINES
VAS 310-4431 \$1995 <sup>00</sup>	LEVELPRO™ 4-WAY, ELECTRONIC CONTROL SYSTEM WITH RIDE-HEIGHT SENSORS, 3-GALLON AIR TANK , 150-PSI COMPRESOR WITH 1/4" LINES

All prices subject to change. Current pricing available at [www.cachassisworks.com](http://www.cachassisworks.com).



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