



The Ultimate High Performance "VSV" gas shocks for your lowered or stock sport truck. Whether you're in the weeds or tearing up the asphalt, our "VSV" 10 stage velocity sensitive valving gives you quick response to all driving conditions for precise control. Toxic Shocks are specifically engineered for limited travel applications.

Toxic Shocks include urethane bushings for long life and improved handling characteristics. Using the information and the chart below, matching a Toxic Shock with a custom application is simple. "Simplicity equals performance".



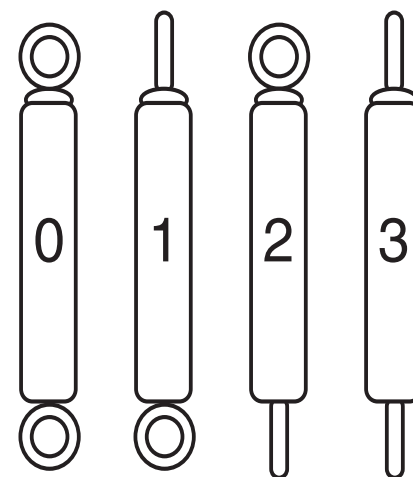
- "VSV" 10 stage velocity sensitive valving, specifically set up for limited suspension travel applications
- Twin tube gas stabilized design
- 1 3/16" and 1 3/8" bore carbon stamped nylon banded piston
- 1/2" and 5/8" chrome hardened piston rod
- External multi-lip shaft wiper seal

- Urethane upper and lower mounting bushings
- Optional "Black Toxic" shock boots are sold in pairs
- 12147 Black mini boots for shocks up to 15.5"
- 12127 Standard boots for shocks over 15.5"

YEAR	APPLICATION	LOWERED AMOUNT FRONT	LOWERED AMOUNT REAR	FRONT TOXIC SHOCK	REAR TOXIC SHOCK	LOWERING METHOD FRONT	LOWERING METHOD REAR
CHEVROLET / GMC 2WD							
01-06	Avalanche	3"	5"	413515	—	—	—
04-06	Colorado/Canyon	2"-3"	3"-4"	—	421500	—	—
89 & Up	S-10/S15 Pickup / Blazer / Jimmy	2"-4"	3"-4"	413515	424509	—	—
82-97	S-10/S15 Pickup / Blazer / Jimmy	2"-4"	3"-4"	413515	424509	—	—
99-06	1/2 ton C1500 p/u (new body style)	3"-5"	5"-8"	411015	419500	1,2	6
88-98	1/2 ton C1500 (ALL) Inc. Extended Cab & SS454	2"-5"	4"-7"	414515	419500	1,2	6
88-91	1/2 ton 1500 p/u Std Cab Short Bed	0"-2"	6"-7"	413515	419500(1)/418509(2)	1	3 or 4
73-91	1/2 ton C-10 p/u	4"-5"	2"-4"	413515	422500	1,2	6
73-91	1/2 ton C-10 p/u (1 1/4" brake rotor)	2"-4"	4"	413515	422500	—	—
71-72	1/2 ton C-10 p/u	—	6"	422500(1)/420500(2)	—	—	—
63-70	1/2 ton p/u	0"-2"	0"-3"	414509	422500	1	4
88-98	3/4 ton C2500 (ALL)	3"-4"	4"-6"	413509	418509	1,2	6
65-72	3/4 ton p/u	3"-5"	4"-5"	414509	422500	—	—
92-99	C3500 1 ton	5"	5"	413509	419500	—	—
88-99	1 ton C3500 Extended Cab & Dually	3"	3"-4"	414509	419500	—	—
73-91	1 ton C-30	0"-3"	2"-4"	414515	426500	1	3 or 4
73-91	1 ton C-30 Crew Cab / Dually only (Old Body Style)	3"-5"	5"-8"	413515	422500 / 420500*	1,2	6
73-91	1/2 ton Blazer / Jimmy (Old Body Style)	3"	4"	414509	419500	1	3
65-72	1/2 & 3/4 ton Blazer	0"-3"	4"-8"	413509	418509	1,2	6
00-06	1/2 ton Suburban 1500	0"-2"	0"-3"	414509	422500	1	4
92-99	1/2 & 3/4 ton Suburban / C1500 / C2500	3"-4"	4"-6"	413509	418509	1,2	6
92-98	1/2 & 3/4 ton Suburban / C1500 / C2500	0"	3"	—	420500	—	—
73-91	1/2 ton Suburban (Old Body Style)	3"	3"	413515	420500	—	—
00-06	1/2 ton Tahoe 1500	3"	5"	413515	419500	—	—
95-99	Tahoe / Yukon	0"-2"	0"-4"	414515	422500	1	3 or 4
95-99	Tahoe 4door	3"-5"	5"-6"	413515	419500(1)/420500(2)	1	2,6
85-99	Astro & Safari Mini Van	0"-2"	0"-3"	414509	422500	1	4
		3"-4"	4"-6"	413509	418509	1,2	6
		0"	3"	—	420500	—	—
		3"	3"	413515	420500	—	—
		3"	5"	413515	419500	—	—
		0"-2"	0"-2"	414515	422500	1	3
		4"	4"	413515	419500	—	—
		3"	3"	413515	421500	—	—
		2"	3"	414515	420500	1	6

YEAR	APPLICATION	LOWERED AMOUNT FRONT	LOWERED AMOUNT REAR	FRONT TOXIC SHOCK	REAR TOXIC SHOCK	LOWERING METHOD FRONT	LOWERING METHOD REAR
DODGE 2WD							
86-92	D-50	0"-3"	0"-3"	413515	420500	2	5
97-04	Dakota	2"-4"	3"-6"	413515	419500	—	—
97-04	Dakota RT	0"-2"	0"-3"	413515	419500	2	5
86-96	Dakota RT	3"	4"-5"	411015	419509	2	4
	Dakota	0"-2"	0"-4"	413515	419500	1	3
	Dakota	3"-4"	5"-6"	411515	418509	1	5
94-00	2WD & 4WD Durango	2"-3"	2"-3"	413515	424509	—	—
02-05	Ram 1500	2"-3"	4"	413515	422500(1)/424509(2)	—	—
00-01	Ram p/u 1500	2"-4"	4"	413553	422543	—	—
94-99	Ram p/u 1500	4"	6"	413553	418543	—	—
	Ram p/u 1500	2"	4"	413553	422543	—	—
	Ram p/u 1500	4"	6"	413515	418543	—	—
94-00	Ram p/u 2500 / 3500	0"-3"	4"	413553	422543	1	4
FORD 2WD							
04-06	F150	4"-5"	—	422500	—	—	—
97-03	F150 / F250 (light duty)	2"	4"	414515	420510	2	4
	F150 / F250 (light duty)	4"	6"	413515	419510	2	6
80-96	F100 / F150 / Lightning	0"-2"	0"-2"	414515	422500	2	3
	F100 / F150 / Lightning	3"-5"	4"-7"	411015	418509	2,7	6
99-04	F250/F350	3"	5"	414515	419500	—	—
87-97	F250 / F350	0"-2"	0"-2"	414515	422500	2	3
	F250 / F350	3"-5"	4"-7"	411015	418509	2,7	6
99-00	F350/Excursion	3"	3"-5"	413515	419500	—	—
00-04	Excursion	3"	3"	414515	419500	—	—
97-02	Expedition	2"	2"	414515	420500	—	—
	Expedition	2"	4"	414515	418509	—	—
98-03	Ranger	2"	3"	414515	419500(1)/421500(2)	—	—
	Ranger	4"	5"	414515	419500	—	—
89-97	Ranger	3"	4"	414515	419500	—	—
83-97	Ranger	0"-2"	0"-2"	414515	421500	2	3
	Ranger	3"	4"	414515	419500	—	—
	Ranger	4"-5"	5.5"	411015	418509	2,7	6
IMPORT 2WD							
96-00	Isuzu Hombre	0"-2"	0"-4"	413515	422500	1	5
	Isuzu Hombre	3"-5"	0"-4"	411015	422500	1,2	5
83-95	Isuzu p/u	0"-2"	0"-4"	413515	419500	1	5
98-02	Mazda p/u	2"	3"	414515	419500(1)/421500(2)	—	—
	Mazda p/u	4"	5"	414515	419500	—	—
94-97	Mazda p/u	0"-2"	0"-2"	414515	421500	2	3
	Mazda p/u	3"	4"	414515	419500	—	—
	Mazda p/u	3"-5"	3"-5.5"	413515	418509	2,7	6
86-93	Mazda p/u	2"	0"-4"	414515	419500	1	5
	Mazda p/u	3"	3"	413515	419500	—	—
	Mazda p/u	3"	4"	413515	419500	—	—
82-97	Mazda p/u	2"	0"-4"	414515	419500	1	5
86 1/2-97	Nissan p/u	3"	3"-4"	413515	421500	—	—
68-86	Nissan p/u (old body style)	2"	3"-4"	413518	418520	1	5
95-03	Toyota Tacoma	3"	3"-4"	413515	419500	—	—
88-96	Toyota p/u	3"	3"-4"	413515	420500	—	—

1. Use on Drivers Side
2. Use on Passenger Side



1st digit denotes product type: (1=ES1000, 3=ES3000, 9=ES9000)
2nd, 3rd, and 4th digits denotes extended length of the shock. (215 = 21.5")
5th digit denotes mounting (top/bottom)
0 = loop/loop 1 = stem/loop
2 = loop/stem 3 = stem/stem
4 = 2" loop / 2" loop 5 = LG. stem / 2" loop
6 = LG. stem / lg.stem 7 = 2" loop / LG. stem

PART NUMBER	EXTENDED (INCHES)	COLLAPSED (INCHES)	TRAVEL (INCHES)	TOP MOUNTING	LOWER MOUNTING	BODY DIAMETER
411015	10.52	7.25	3.27	Stem	Loop	1.75
413509	13.62	9.28	4.34	Loop	Loop	1.75
413515	13.35	9.01	4.34	Stem	Loop	1.75
413518	13.35	9.01	4.34	Stem	Loop	1.75
413553	13.35	9.01	4.34	LG.Stem	LG.Loop	1.75
414509	14.98	9.81	5.17	Loop	Loop	1.75
414515	14.71	9.54	5.17	Stem	Loop	1.75
414580	14.71	9.54	5.17	Loop	U-Mount	1.75
418509	18.59	11.70	6.89	Loop	Loop	2.36
418543	18.27	11.29	6.98	LG.Loop	LG.Loop	2.36
419500	19.84	12.32	7.52	Loop	Loop	2.36
419509	19.84	12.32	7.52	Loop	Loop	2.36
419510	19.73	12.03	7.70	Stem	Loop	2.36
420500	20.59	12.70	7.89	Loop	Loop	2.00
420510	20.24	12.45	7.79	Stem	Loop	2.00
422500	22.78	13.78	9.00	Loop	Loop	2.36
422543	22.78	13.78	9.00	LG.Loop	LG.Loop	2.36
424509	24.84	14.82	10.02	Loop	Loop	2.36
425509	25.74	15.49	10.25	Loop	Loop	2.36
426500	27.07	15.94	11.13	Loop	Loop	2.36

Contact us for specific applications and dimensions not listed

"LOWERING METHOD" INDICATED IN APPLICATION GUIDE
#1 - FRONT SPINDLE, #2 - FRONT COIL, #3 - REAR SHACKLE,
#4 - REAR SHACKLE AND HANGER,
#5 - REAR LOWERING BLOCK, #6 - REAR FLIP KIT, #7 - FRONT I-BEAM
(*) USE WITH EXTENDED LOWER MOUNT/USE 420500 DRIVER SIDE