


SHOXS 2000 DROP TEST COMPARISON

 Indicates the seat has bottomed out

		400lbf/in COIL SHOCK	AIR SHOCK 100PSI	AIR SHOCK 150PSI	AIR SHOCK 200PSI	SHOXS DUAL2 SEMI-ACTIVE	DECK
	DROP HEIGHT [IN]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	DECK ACCELERATION [G]
100lbf	6	2.42	2.68	3.03	2.71	2.52	3.33
	10	3.99	4.32	5.18	4.96	4.32	5.04
	14	6.57	7.01	7.35	7.32	5.98	7.25
	18	9.15	8.82	9.67	9.62	7.84	9.84
	22			11.80	12.57	9.39	12.32
	26			12.89	13.62	10.80	14.71
	30					12.53	17.31

		400lb/in COIL SHOCK	AIR SHOCK 100PSI	AIR SHOCK 150PSI	AIR SHOCK 200PSI	SHOXSDUAL2 SEMI-ACTIVE	DECK
	DROP HEIGHT [IN]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	DECK ACCELERATION [G]
200lb	6	2.47	2.84	3.24	3.24	2.17	2.99
	10	6.36	5.50	4.81	4.85	3.57	4.90
	14			6.85	6.83	5.21	7.26
	18				10.15	6.53	10.15
	22					7.35	12.61
	26					8.21	14.06
	30					9.24	16.54

		400lb/in COIL SHOCK	AIR SHOCK 100PSI	AIR SHOCK 150PSI	AIR SHOCK 200PSI	SHOXSDUAL2 SEMI-ACTIVE	DECK
	DROP HEIGHT [IN]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	SEAT ACCELERATION [G]	DECK ACCELERATION [G]
300lb	6	3.04	3.59	2.86	2.90	1.93	2.82
	10	6.37		6.32	4.97	3.22	4.51
	14					3.94	7.03
	18					5.91	9.70
	22					7.21	10.64