

Sheet1

	(Negative towards front)					
Front Double A Arm	Lt Out X	Lt Height Y	Lt Depth Z	Rt Out X	Rt Height Y	R Depth Z
Upper Ball Joint	24.25	19	2	24.25	19	2
Upper Frame Pivot, Front	16	20	-3.75	16	20	-3.75
Upper Frame Pivot, Rear	16	18.625	6	16	18.625	6
Lower Ball Joint	26.5	6.375	-0.6875	26.5	6.375	-0.6875
Lower Frame Pivot, Front	12	7.375	-4	12	7.375	-4
Lower Frame Pivot, Rear	12	8	8	12	8	8
Tie Rod on Rack	10	8	-5	10	8	-5
Tie Rod on Spindle	27.5	7.5	-5	27.5	7.5	-5
Spring Mount on Frame	18	21	1.5	18	21	1.5
Spring Mount on Lower Arm	22	6.75	0	22	6.75	0
Roll Bar on Arms	23	9	-7.5	23	9	-7.5
Spring Length	14.88					
Spring Angle from Front	15.68					
Spring Angle from Side	6.01					
Spring Rate/Wheel Rate	250	103.8				
Mtn. Ratio Spring/Shock/RBar	0.644		0.75	0.644		0.613
Track	28			28		
Tire Circumference	80.6			80.6		
Tread Width	10.3			10.3		
Camber	-1			-1		
Caster	12.02			12.02		
Caster Trail	2.04			2.04		
Toe In, degrees	0			0		
Toe In, inches	0			0		
Ideal Ackerman Toe In, deg	0			0		
Ackerman Error, deg	0			0		
Instant Center Height, in	24.3			24.3		
Instant Center Left	194.75			194.75		
Roll Center Height, in	3.05					
Roll Center Right	0					
Roll Stiffness, ft-lbs/deg	1552.6		21.1			
Anti Dive, %	48.8			48.8		
Upper Arm Length True/Fr/Rr	8.25	10.11	9.18	8.25	10.11	9.18
Lower Arm Length True/Fr/Rr	14.55	14.91	16.98	14.55	14.91	16.98
Spindle Length	13.1			13.1		
Tie Rod/Steering Arm, Length	17.51	4.57		17.51	4.57	
Front View Swing Arm Length	223			223		
Side View Swing Arm Length	66.9			66.9		
Total Roll Stiffness, ft-lbs/deg	2355					
Front Roll Couple/FLLD, %	65.93			68.14		
Rear Roll Couple/RLLD, %	34.07			31.86		
Roll Axis to CG Moment Arm	20.26					
Level Ground Roll Rate, deg/G	1.89					

Sheet1

Rear 3-Link

	Lt Out X	Lt Height Y	Lt Depth Z	Rt Out X	Rt Height Y	R Depth Z
Upper Link Frame Mount				5	17.75	16
Upper Link Axle Mount				5	19.5	0
Lower Link Frame Mount	18.75	8.25	21	18.75	8.25	21
Lower Link Axle Mount	18.75	8	0	18.75	8	0
Panhard Bar (Frame = Rt Side)	18.75	8	-6	18.75	8	-6
Spring Mount on Frame	16.5	23	-2.75	16.5	23	-2.75
Spring Mount on Axle	18.75	10	-4	18.75	10	-4
Spring Length	13.25					
Spring Angle from Front	9.82					
Spring Angle from Side	-5.49					
Spring Rate/Wheel Rate	450	?	?	450	?	?
Mtn. Ratio Spring/Shock/RBar	?					
Ride Height	5					
Track	27.5					
Tire Circumference	80.7					
Tread Width	12.5					
Camber	0					
Toe In, degrees	0					
Toe In, inches	0					
Instant Center Height, in	9.13					
Instant Center Forward	94.82					
Roll Center Height, in	?					
Roll Center Right	0					
Roll Stiffness, ft-lbs/deg	?					
Anti Squat, %	43.3					
Upper Link Length/Angle				16.1	-6.2	
Lower Link Length/Angle	21	0.7		21	0.7	
Panhard Bar Length/Angle	37.5	0				
Binding Error	0					
Side View Swing Arm Length	94.9			94.9		