	Weght in Pounds:	Front Weight Distribution	Unsprung Mass %	Unsprung Weight	Front Motion Ratio	Rear Motion Ratio			
Variables:	3705	0.53	0.12	444.6	0.98	0.48			
		Sprung Front Weight	Sprung Rear Weight	Front Spring lbs/inch	Rear Spring lbs/inch	Front Ride Frequency	Rear Ride Frequency	Average Ride Frequency	Rear/Front RF Ratio
GT non-PP	OEM	1728	1532	160	668	1.32	1.40	1.36	6.28%
GT PP1	OEM	1728	1532	165	728	1.34	1.46	1.40	9.25%
GT PP2	OEM	1728	1532	198	822	1.47	1.55	1.51	5.98%
GT Mach1	Standard	1728	1532	194	657	1.45	1.39	1.42	-4.28%
GT Mach1	With handling package	1728	1532	211	742	1.51	1.48	1.50	-2.46%
GT	with GT350 Springs (2016-2018)	1728	1532	194	914	1.45	1.64	1.55	12.90%
GT	with GT350 Springs (2019+)	1728	1532	211	857	1.51	1.59	1.55	4.82%
GT	with GT350R Springs	1728	1532	240	914	1.62	1.64	1.63	1.50%
GT	Steeda Minimum Drop & Ultralite Linear	1728	1532	200	800	1.47	1.53	**1.50**	4.02%
GT	J&M Products Minimum Drop Sport	1728	1532	210	815	1.51	1.55	1.53	2.46%
GT	Swift Spec R #4X914R (5/14 Kg/mm)	1728	1532	281	784	1.75	1.52	1.63	-13.12%
GT350 (2016-18)	3760 lbs. (54/46 distribution) 12% Unsprung	1787	1555	194	914	1.43	1.63	1.53	13.96%
GT350 (2019+)	3760 lbs. (54/46 distribution) 12% Unsprung	**1787**	**1555**	**211**	**857**	**1.49**	**1.58**	**1.53**	**5.81%**
GT350R	3650 lbs. (54/46 distribution) 11% Unsprung	1754	1527	240	914	1.60	1.64	1.62	2.45%
GT500	4225 lbs. (56/44 distribution) 11% Unsprung	2106	1655	251	885	1.50	1.55	1.52	3.76%
GT500 CFTP	4182 lbs. (56/44 distribution) 11% Unsprung	2084	1638	268	942	1.55	1.61	1.58	3.60%
GT	BMR Performance (SP763/SP080)	1728	1532	170	740	1.36	1.48	1.42	8.52%
GT	BMR Handling (SP083)	1728	1532	250	980	1.65	1.70	1.67	2.98%
GT	Steeda Sport Progressive at minimum	1728	1532	150	525	1.28	1.24	1.26	-2.69%
GT	Steeda Sport Progressive at maximum	1728	1532	180	820	1.40	1.55	1.48	11.01%
GT	Steeda Dual Rate at minimum	1728	1532	220	800	1.55	1.53	1.54	-0.82%
GT	Steeda Dual Rate at maximum	1728	1532	350	1200	1.95	1.88	1.91	-3.69%
GT	Eibach Pro Kit at minimum	1728	1532	200	800	1.47	1.53	1.50	4.02%
GT	Eibach Pro Kit at maximum	1728	1532	314	914	1.85	1.64	1.74	-11.26%
GT	Eibach Sportline Kit at minimum	1728	1532	217	879	1.54	1.61	1.57	4.68%
GT	Eibach Sportline Kit at maximum	1728	1532	331	994	1.90	1.71	1.80	-9.87%
	f (Hz) = 1/(2Pi) x SqRoot(K/M) where K = (spring rate (N/m) * Motion Ratio^2) divided by M = unsprung mass (kg)								