

Gear Ratio Calculator

Standard

MPH KPH

Target RPM

7000

Calculate Tire Diameter

25.5 in

Cir. 80.1106

Width
Aspect Ratio
Rim Diameter

Ring & Pinion

9 to 35

RATIO

3.8889

MPH RATIO

	Ring	to	Pinion	RATIO	MPH	RATIO
1st gear	13	to	43	3.3077	41.300	12.863
2nd gear	20	to	39	1.95	70.055	7.5833
3rd gear	27	to	38	1.4074	97.063	5.4733
4th gear	30	to	34	1.1333	120.536	4.4074
5th gear	36	to	35	0.9722	140.510	3.7809
6th gear	45	to	37	0.8222	166.144	3.1975
		to		#DIV/0!	0.000	#DIV/0!
		to		#DIV/0!	0.000	#DIV/0!
		to		#DIV/0!	0.000	#DIV/0!

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987C Cayman S stock gears
G87/21

Gear Change RPM drop (change @7000)

1 -> 2	-2873 (to 4127)
2 -> 3	-1948 (to 5052)
3 -> 4	-1365 (to 5635)
4 -> 5	-993 (to 6007)
5 -> 6	-1080 (to 5920)

Transmission Diagram

