2005-2008 GSXR 1000 Gear Chart 513 Winters

LARGER number hits REV limiter SOONER giving more BOTTOM end - SMALER number hits REV limiter LATER giving more TOP end

Low = small gear on top

	Set 1	***Set 2***	***Set 3***	***Set 4***	***Set 5***	***Set 6***	***Set 7***	***Set 8***	***Set 9***	***Set 10***	***Set 11***	***Set 12***	***Set 13***	***Set 14***	***Set 15***
Bike / Rear	***5.13***	***4.92***	***4.72***	***4.62***	***4.51***	***4.36***	***4.26***	***4.21***	***4.10***	***4.05***	***3.95***	***3.80***	***3.74***	***3.69***	***3.44***
1st	20.41	19.58	18.78	18.38	17.95	17.35	16.95	16.75	16.31	16.11	15.72	15.12	14.88	14.68	13.69
2nd	16.34	15.68	15.04	14.72	14.37	13.89	13.57	13.41	13.06	12.90	12.58	12.11	11.92	11.76	10.96
3rd	13.65	13.09	12.56	12.29	12.00	11.60	11.34	11.20	10.91	10.78	10.51	10.11	9.95	9.82	9.15
4th	11.95	11.46	11.00	10.76	10.51	10.16	9.93	9.81	9.55	9.44	9.20	8.85	8.71	8.60	8.02
5th	10.83	10.39	9.97	9.76	9.53	9.21	9.00	8.89	8.66	8.55	8.34	8.03	7.90	7.79	7.27
6th	10.68	10.24	9.82	9.61	9.39	9.07	8.87	8.76	8.53	8.43	8.22	7.91	7.78	7.68	7.16

High = larger gear on top

	Set 1	***Set 2***	***Set 3***	***Set 4***	***Set 5***	***Set 6***	***Set 7***	***Set 8***	***Set 9***	***Set 10***	***Set 11***	***Set 12***	***Set 13***	***Set 14***	***Set 15***
Bike / Rear	***5.13***	***5.39***	***5.54***	***5.69***	***5.85***	***6.00***	***6.15***	***6.26***	***6.41***	***6.52***	***6.62***	***6.93***	***7.03***	***7.08***	***7.70***
1st	20.41	21.45	22.04	22.64	23.28	23.87	24.47	24.91	25.51	25.94	26.34	27.57	27.97	28.17	30.64
2nd	16.34	17.17	17.65	18.13	18.64	19.12	19.59	19.94	20.42	20.77	21.09	22.08	22.40	22.56	24.53
3rd	13.65	14.34	14.74	15.14	15.57	15.97	16.37	16.66	17.06	17.35	17.62	18.44	18.71	18.84	20.49
4th	11.95	12.56	12.91	13.26	13.63	13.98	14.33	14.59	14.94	15.19	15.42	16.15	16.38	16.50	17.94
5th	10.83	11.38	11.70	12.02	12.36	12.67	12.99	13.22	13.54	13.77	13.98	14.64	14.85	14.95	16.26
6th	10.68	11.22	11.53	11.84	12.17	12.49	12.80	13.03	13.34	13.57	13.78	14.42	14.63	14.73	16.02

(RPM/Gear Ratio) x New Ratio = New RPM

(Gear Ratio / RPM) x New RPM = New Gear Ratio

Motor Pri.	1.553	Track	Gear Set	High/Low	Final Ratio	Notes
1	3.979					
2	3.186					
3	2.661					
4	2.330					
5	2.112					
6	2.081					