

MK7 Gear Ratio Calculator/Comparison Tool by Derhase

Instructions: Click FILE > MAKE A COPY to edit on your own Drive. Enter your redline and tire size, and choose transmissions from the drop down menus to compare max speeds in each gear. **Complete this page before any others!**

Enter max RPM:		6500	24.72	Enter max RPM:		6,500	24.72	
Tire size:	245	40	17	Tire size:	245	40	17	Right side will mirror the left UNLESS MANUALLY OVERWRITTEN
Select trans:		GTI 6MT		Compare to:		GTI DQ381		
FD per gear	Ratio	Total ratio		Gear	Total ratio	Ratio	FD per gear	
3.24	3.77	12.21		1	14.18	3.40	4.17	
3.24	2.09	6.77		2	8.61	2.75	3.13	
3.24	1.47	4.76		3	5.54	1.77	3.13	
3.24	1.09	3.53		4	3.88	0.93	4.17	
2.62	1.09	2.86		5	2.96	0.71	4.17	
2.62	0.91	2.38		6	2.38	0.76	3.13	
				7	2.00	0.64	3.13	
		GTI 6MT		Comparison		GTI DQ381		
	MPH/KPH ->	MPH		Speed per gear	MPH			
		39.13		1	33.71			
		70.58		2	55.53			
		100.35		3	86.27			
		135.34		4	123.25			
		167.37		5	161.44			
		200.47		6	200.93			
				7	238.60			

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Enter the RPMs at which you want to see your given speed in each gear. **MUST fill out the info on Max Speeds Calcs page first!**

All speeds in:	MPH	GTI 6MT			Gear	GTI DQ381			<-- ONLY EDIT THESE TOP ROWS ONLY - Highlighted in RED = higher than max RPM Edit the left side only if you want both sides to match by default. Right side can be overwritten but will lose the mirroring ability once done.
		2000	4250	6000		2000	4250	6000	
	12.0	25.6	36.1		1	10.4	22.0	31.1	
	21.7	46.2	65.2		2	17.1	36.3	51.3	
	30.9	65.6	92.6		3	26.5	56.4	79.6	
	41.6	88.5	124.9		4	37.9	80.6	113.8	
	51.5	109.4	154.5		5	49.7	105.6	149.0	
	61.7	131.1	185.1		6	61.7	131.4	185.5	
					7	#DIV/0!	156.0	220.2	
	Max RPM:	6500	24.72			Max RPM:	6,500	24.72	
		245	40	17	Tire size		245	40	17
These values come from the Max Speeds Calcs page - you must fill that page out to transfer to this one.									

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Enter the speeds at which you want to see your given RPM in each gear. **MUST fill out the info on Max Speeds Calcs page first!**

All speeds in:	GTI 6MT			Gear	GTI DQ381			-- ONLY EDIT THIS ROW Right side speeds will mirror the left unless manually overwritten
	45	65	125		45	65	125	
	4144	5986		1	5268			
	2915	4210		2	3390	4897		
	2161	3122	6004	3	2373	3428	6583	-- If Max RPM is exceeded, number will be RED with no fill
	1748	2524	4855	4	1812	2617	5033	
	1459	2108	4053	5	1456	2103	4044	
				6	1226	1771	3405	
				7				
Max RPM:	6500	24.72			Max RPM:	6,500	24.72	
245	40	17	Tire size	245	40	17		
<i>These values come from the Max Speeds Calcs page - you must fill that page out to transfer to this one.</i>								

