



IMSA TECHNICAL BULLETIN IWSC #23-71r1

To: All IMSA WeatherTech SportsCar Championship Competitors
From: IMSA Competition
Date: August 18, 2023
Re: IMSA GTD, GTD-PRO Balance of Performance: VIR Event

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In accordance with Attachment 2 of the IMSA WeatherTech SportsCar Championship SSR, the following road course Balance of Performance values are set for the indicated Car Models. The column listed as current is the current specification after any adjustment is applied and thus the required specification for the Event. These decisions come into immediate effect and are applicable until further notice.



GTD		GTD		PRO		Vehicles		Mass		Engine				Ride Height	Fuel				Notes
Manufacturer		Minimum No Fuel/Driver (kg)		Restrictor Diameter (mm)		Average Power Delta (kW)		Maximum RPM		Minimum Ground Clearance (mm)		Type	Lambda	Total Capacity (L)		Minimum Full Refueling Time (sec)			
		adj	current	qty.	adj	current	adj	current	current		λ	adj	current						
Acura	NSX GT3		1310					7500	50.0	IMSA 100	0.88		115.0	40.0	EVO II				
Aston Martin	Vantage GT3		1275			-9.0	7200	50.0	IMSA 100	0.91	-4.0	101.0	40.0						
BMW	M4 GT3		1300				7250	50.0	IMSA 100	1.10		99.0	40.0						
Corvette	C8.R GTD		1350	1		41.6	7400	50.0	IMSA 100	0.88		87.0	40.0	10 mm Rear Wing Gurney Required, 35 kg in BoP Ballast Box (+/-3 kg)					
Ferrari	296 GT3		1350				8000	50.0	IMSA 100	0.90		103.0	40.0						
Lamborghini	Huracan GT3 EVO2		1300	1		52.0	8500	50.0	IMSA 100	0.91		115.0	40.0						
Lexus	RC F GT3		1345	2		38.0	7200	50.0	IMSA 100	0.86		107.0	40.0						
McLaren	720S GT3 EVO		1285				8000	50.0	IMSA 100	0.88		110.0	40.0						
Mercedes	AMG GT3	+15	1385	2	+0.5	35.0	+5.3	7700	50.0	IMSA 100	0.90	+1.0	106.0	40.0					
Porsche	911 GT3 R (992)	+10	1330	2	+2.0	41.5	+4.0	9400	50.0	IMSA 100	0.89	+1.0	100.0	40.0					

Acura NSX GT3

Engine Speed	Boost Ratio
[rpm]	current
2000	1.930
4000	1.930
4500	1.934
5000	1.982
5500	2.011
6000	2.026
6200	2.030
6300	2.040
6400	2.043
6500	2.041
6600	2.036
6700	2.025
6800	2.009
7000	1.975
7500	1.915
7800	1.000

Aston Martin GT3

Engine Speed	Boost Ratio	
[rpm]	adj	current
2000	-0.038	1.434
4000	-0.038	1.434
4250	-0.038	1.472
4500	-0.040	1.509
4750	-0.040	1.556
5000	-0.042	1.602
5250	-0.043	1.635
5500	-0.044	1.667
5750	-0.045	1.704
6000	-0.045	1.704
6250	-0.045	1.704
6500	-0.045	1.704
6750	-0.045	1.676
7000	-0.043	1.658
7200	-0.043	1.658
7500		1.000

BMW M4 GT3

Engine Speed	Boost Ratio
[rpm]	current
2000	2.085
3000	2.085
3500	2.085
4000	2.141
4500	2.208
5000	2.298
5250	2.359
5500	2.438
5750	2.527
6000	2.546
6250	2.567
6500	2.486
6750	2.394
7000	2.252
7250	2.145
7500	1.000

Ferrari 296 GT3

Engine Speed	Boost Ratio
[rpm]	current
2000	1.688
4000	1.688
4500	2.090
5000	2.292
5500	2.353
5750	2.364
6000	2.355
6250	2.356
6500	2.358
6750	2.339
7000	2.313
7250	2.289
7500	2.233
7750	2.182
8000	2.126
8500	1.000

McLaren 720S GT3 EVO

Engine Speed	Boost Ratio
[rpm]	current
2000	1.681
4000	1.681
4500	1.675
5000	1.668
5500	1.662
5750	1.642
6000	1.623
6250	1.594
6500	1.565
6750	1.522
7000	1.478
7250	1.444
7500	1.411
7750	1.406
8000	1.401
8300	1.000