



IMSA TECHNICAL BULLETIN IWSC #23-78

To: All IMSA WeatherTech SportsCar Championship Competitors
From: IMSA Competition
Date: October 4, 2023
Re: IMSA GTD, GTD-PRO Balance of Performance: Road Atlanta

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In accordance with Attachment 2 of the IMSA WeatherTech SportsCar Championship SSR, the following 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.	current	adj	current	current		λ	adj	current		
Acura	NSX GT3		1310				7500	50.0	IMSA 100	0.88	-1	114.0	40.0	EVO II
Aston Martin	Vantage GT3		1275				7200	50.0	IMSA 100	0.91		101.0	40.0	
BMW	M4 GT3		1300			-3.3	7250	50.0	IMSA 100	1.10	-1	97.0	40.0	
Corvette	C8.R GTD		1350	1	41.3		7400	50.0	IMSA 100	0.88	+1	87.0	40.0	10 mm Rear Wing Gurney Required, 35 kg in BoP Ballast Box (+/-3 kg)
Ferrari	296 GT3	+20	1370				8000	50.0	IMSA 100	0.90	+1	104.0	40.0	
Lamborghini	Huracan GT3 EVO2	+15	1315	1	52.0		8500	50.0	IMSA 100	0.91		115.0	40.0	
Lexus	RC F GT3		1345	2	37.0		7200	50.0	IMSA 100	0.86		105.0	40.0	
McLaren	720S GT3 EVO		1305				8000	50.0	IMSA 100	0.88		108.0	40.0	
Mercedes	AMG GT3	+15	1370	2	35.0		7700	50.0	IMSA 100	0.90		106.0	40.0	
Porsche	911 GT3 R (992)		1340	2	45.0		9400	50.0	IMSA 100	0.89	+1	102.0	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]	current
2000	1.434
4000	1.434
4250	1.472
4500	1.509
4750	1.556
5000	1.602
5250	1.635
5500	1.667
5750	1.704
6000	1.704
6250	1.704
6500	1.704
6750	1.676
7000	1.658
7200	1.658
7500	1.000

BMW M4 GT3

Engine Speed	Boost Ratio	
	adj	current
[rpm]		
2000	-0.027	2.031
3000	-0.027	2.031
3500	-0.027	2.031
4000	-0.028	2.085
4500	-0.029	2.151
5000	-0.030	2.238
5250	-0.031	2.297
5500	-0.032	2.374
5750	-0.033	2.461
6000	-0.033	2.480
6250	-0.033	2.500
6500	-0.032	2.421
6750	-0.031	2.332
7000	-0.029	2.194
7250	-0.028	2.089
7500	0.000	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