



IMSA TECHNICAL BULLETIN IWSC #24-40

To: All IMSA WeatherTech SportsCar Championship Competitors
From: IMSA Competition
Date: May 1, 2024
Re: IMSA Balance of Performance: Laguna Seca – GTD-PRO and GTD

One Daytona Blvd.
Daytona Beach, FL 32114
P: +1 (386) 310-60

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(s). These decisions come into effect immediately and are applicable until further notice.



GTD		Vehicles														Mass		Engine					Ride Height	Fuel					Notes
GTD		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)											
PRO				adj	current	qty.	adj	current	adj	adj	current	current		λ	adj	current													
		Acura	NSX GT3		1320						7500	50.0	IMSA 100	0.88		112.0	40.0	EVO II											
		Aston Martin	Vantage GT3 EVO		1325						7200	50.0	IMSA 100	0.91		106.0	40.0												
		BMW	M4 GT3		1320						7250	50.0	IMSA 100	1.10		99.0	40.0												
		Corvette	Z06 GT3.R		1345	1		50.0			8000	50.0	IMSA 100	0.88		102.0	40.0												
		Ferrari	296 GT3		1380						8000	50.0	IMSA 100	0.90		105.0	40.0												
		Ford	Mustang GT3		1315	2		35.0			8250	50.0	IMSA 100	0.88		112.0	40.0												
		Lamborghini	Huracan GT3 EVO2		1370	1		51.0			8500	50.0	IMSA 100	0.91		113.0	40.0												
		Lexus	RC F GT3		1360	2		39.0			7200	50.0	IMSA 100	0.86		105.0	40.0												
		McLaren	720S GT3 EVO		1330						8000	50.0	IMSA 100	0.88		110.0	40.0												
		Mercedes	AMG GT3		1390	2		34.5			7700	50.0	IMSA 100	0.90		104.0	40.0												
		Porsche	911 GT3 R (992)		1360	2		39.5			9400	50.0	IMSA 100	0.89		97.0	40.0												

Acura NSX GT3

Engine Speed	Boost Ratio
[rpm]	current
2000	1.976
4000	1.976
4500	1.980
5000	2.029
5500	2.058
6000	2.074
6200	2.079
6300	2.089
6400	2.092
6500	2.090
6600	2.085
6700	2.073
6800	2.057
7000	2.022
7500	1.961
7800	1.000

Aston Martin GT3 EVO

Engine Speed	Boost Ratio
[rpm]	current
2000	1.548
4000	1.548
4250	1.588
4500	1.628
4750	1.678
5000	1.728
5250	1.764
5500	1.799
5750	1.839
6000	1.839
6250	1.839
6500	1.839
6750	1.809
7000	1.789
7200	1.789
7500	1.000

BMW M4 GT3

Engine Speed	Boost Ratio
[rpm]	current
2000	2.058
3000	2.058
3500	2.058
4000	2.113
4500	2.179
5000	2.268
5250	2.328
5500	2.406
5750	2.494
6000	2.513
6250	2.533
6500	2.454
6750	2.363
7000	2.223
7250	2.117
7500	1.000

Ferrari 296 GT3

Engine Speed	Boost Ratio
[rpm]	current
2000	1.688
4000	1.688
4500	2.090
5000	2.365
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	1.703
4000	1.703
4500	1.696
5000	1.690
5500	1.683
5750	1.664
6000	1.644
6250	1.615
6500	1.585
6750	1.541
7000	1.497
7250	1.463
7500	1.429
7750	1.424
8000	1.419
8300	1.000