



IMSA TECHNICAL BULLETIN IWSC #19-25

To: All IMSA WeatherTech SportsCar Championship Competitors

From: IMSA Competition

Date: 22 May 2019

Re: IWSC Balance of Performance Tables

In accordance with Attachment 2 of the IMSA WeatherTech SportsCar Championship SSR, the following adjustments are made to the indicated cars. The column listed as current is the current specification after the adjustment is applied and thus the required specification for the event. These decisions come into immediate effect and are applicable until further notice.

IMSA BoP table values are based upon Manufacturer submitted data, Manufacturer agreed upon lap time sensitivities for mass and power, and IMSA's data analysis.

GTLM Vehicles		Mass		Engine				Rear Wing			Fuel				Notes	
Manufacturer		No Fuel/Driver (kg)		Restrictor Diameter (mm)			Average Power Delta (kW)	Maximum RPM	Min Angle (deg)	Gurney Minimum Height (mm)	Type	Minimum Lambda	Total Capacity (L)		Minimum Full Refueling Time (sec)	
		adj	current	qty.	adj.	current	adj	current	current	current		λ	adj	current		
Issued: 20190630 IWSC Watkins Glen				Bulletin: TB 19-25			Date: 5/22/2019									
BMW	M8 GTE	0	1220				+ 9.0	7000	N/A	5.0	E20	1.08	+ 6.0	92.0	34.0	
Corvette	C7R GTE	0	1240	2	0.0	31.5		6800	N/A	10.0	E20	0.88	0.0	92.0	34.0	
Ferrari	488 GTE	0	1255					7000	N/A	10.0	E20	1.10	0.0	88.0	34.0	
Ford	GT GTE	0	1275					7200	N/A	15.0	E20	0.90	0.0	89.0	34.0	
Porsche	911 RSR GTE	0	1245	2	0.0	32.2		9500	N/A	10.0	E20	0.89	0.0	95.0	34.0	

BMW M8 GTE

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.230
2500		1.410
3000		1.970
3500		2.210
4000		2.210
4500		2.219
5000	0.051	2.141
5250	0.051	2.065
5500	0.052	1.989
5750	0.052	1.923
6000	0.052	1.857
6500	0.051	1.796
6750	0.053	1.675
7000	0.052	1.535
7500	0.034	1.255
7600		1.000

Ferrari 488 GTE

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.784
4000		1.784
4800		1.787
5000		1.790
5300		1.785
5500		1.779
5700		1.768
5950		1.744
6050		1.727
6150		1.705
6300		1.671
6600		1.595
7000		1.495
7500		1.369
7600		1.000
10000		1.000

Ford GT GTE

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.515
4200		1.515
4900		1.514
5100		1.513
5300		1.509
5400		1.504
5500		1.498
5800		1.468
5950		1.448
6050		1.436
6150		1.425
6300		1.409
6600		1.380
7200		1.300
7700		1.240
7800		1.000

GTD Vehicles		Mass		Engine					Ride Height		Fuel				Notes			
Manufacturer		No Fuel/Driver (kg)		Restrictor Diameter (mm)			Average Power Delta (kW)		Maximum RPM		Minimum Ground Clearance (mm)		Type	Minimum Lambda	Total Capacity (L)		Minimum Full Refueling Time (sec)	
Issued: 20190601 IWSC Belle Isle				Bulletin: TB 19-25			Date: 5/22/2019											
Acura	NSX GT3	0	1310					0	7500	0	50.0	IMSA 100	0.88	0.0	107.0	40.0		
Audi	R8 LMS GT3	0	1355	2	0.0	41.0		0	8500	0	50.0	IMSA 100	0.91	0.0	98.0	40.0		
BMW	M6 GT3	0	1305					0	7250	0	50.0	IMSA 100	0.92	0.0	104.0	40.0		
Ferrari	488 GT3	0	1345					0	7500	0	50.0	IMSA 100	0.92	0.0	95.0	40.0		
Lamborghini	Huracan GT3	0	1330	2	0.0	40.0		0	8500	0	50.0	IMSA 100	0.89	0.0	97.0	40.0		
Lexus	RC F GT3	0	1375	2	0.0	38.0		0	7200	0	50.0	IMSA 100	0.86	0.0	97.0	40.0		
McLaren	720S GT3	0	1320					0	8000	0	50.0	IMSA 100	0.88	+ 9.0	107.0	40.0		
Mercedes	AMG GT3	0	1380	2	0.0	35.5		0	7700	0	55.0	IMSA 100	0.88	0.0	101.0	40.0		
Porsche	911 GT3 R	0	1290	2	0.0	45.0		0	9500	0	50.0	IMSA 100	0.88	0.0	95.0	40.0		

Acura NSX GT3

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.765
4000		1.765
4500		1.768
5000		1.815
5500		1.888
6000		2.004
6200		2.033
6300		2.043
6400		2.046
6500		2.044
6600		2.039
6700		2.027
6800		2.011
7000		1.978
7500		1.917
7800		1.000

BMW M6 GT3

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.627
3000		1.839
4000		2.000
4500		2.054
4750		2.075
5000		2.095
5250		2.063
5500		2.029
5750		1.971
6000		1.938
6250		1.897
6500		1.866
6750		1.776
7000		1.715
7250		1.640
7550		1.000

Ferrari 488 GT3

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.424
4000		1.424
4500		1.479
4750		1.511
5000		1.548
5250		1.588
5500		1.633
5750		1.668
6000		1.677
6250		1.669
6500		1.634
6750		1.590
7000		1.549
7250		1.504
7500		1.463
7800		1.000

McLaren 720S GT3

Engine Speed [rpm]	Boost Ratio	
	adj	current
2000		1.638
4000		1.638
4500		1.632
5000		1.625
5500		1.619
5750		1.600
6000		1.581
6250		1.553
6500		1.525
6750		1.483
7000		1.440
7250		1.407
7500		1.374
7750		1.370
8000		1.365
8300		1.000