



**IMSA TECHNICAL BULLETIN IWSC #20-26**

To: All IMSA WeatherTech SportsCar Championship DPi Competitors  
From: IMSA Competition  
Date: October 2, 2020  
Re: IMSA Motul Petit Le Mans DPi BoP Tables

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In accordance with Attachment 2 of the IMSA WeatherTech SportsCar Championship SSR, IMSA has established the following Balance of Performance values for the IMSA Motul Petit Le Mans onward. Future adjustments shall be reflected in red text with the relative change displayed in a neighboring column.





DPI	Vehicles		Mass		Engine					Aero	Fuel				Notes				
	Manufacturer		Minimum No Fuel/Driver (kg)		Make	Volume (L)	Turbo/NA	Restrictor Diameter (mm)			Average Power Delta (kW)	Maximum RPM	Configuration	Type	Declared Lambda	Total Capacity (L)		Minimum Full Refueling Time (sec)	
			adj	current				qty.	adj	current						adj	current		
Issued:	IWSC Petit Le Mans		Bulletin: TB 20-26			Date: 10/2/2020													
Acura	ARX-05		930		Acura	3.5	Turbo				7050	See Table	E20	0.89		79.0	30.0		
Cadillac	DPI-V.R		945		Cadillac	5.5	NA	2		32.2		7600	See Table	E20	0.90		72.0	30.0	
Mazda	RT24-P		910		Mazda	2.0	Turbo				9300	See Table	E20	0.85	+3.0	84.0	30.0		

\* Aero configuration is defined via the Aero Configuration table on the following page.

Acura ARX-05

Engine Speed	Boost Ratio	
	adj	current
[rpm]		
2000		1.395
3200		1.395
3600		1.528
4000		1.639
4400		1.681
4800		1.732
5200		1.740
5600		1.749
6000		1.749
6200		1.739
6400		1.724
6600		1.724
6800		1.699
7050		1.668
7550		1.606
7650		1.000

Mazda RT24-P

Engine Speed	Boost Ratio	
	adj	current
[rpm]		
2000		2.040
5250		2.349
5750		2.366
6500		2.476
6750		2.484
7000		2.486
7250		2.489
7500		2.460
7750		2.405
8000		2.322
8250		2.261
8500		2.199
8750		2.162
9000		2.200
9800		2.000
9900		1.000





DPI		FRONT AERODYNAMIC CONFIGURATIONS			REAR AERODYNAMIC CONFIGURATIONS									
DPI AERODYNAMIC CONFIGURATIONS		Optional Front Aerodynamic Configurations are Independent			Optional Rear Aerodynamic Configurations Must be Used as a Complete Package; Mixing of Parts/Components is Forbidden									
IWSC Petit Le Mans		Dive Planes	Packers / Inserts	Other	Option	Tail Wicker		Rear Wing Assembly		Rear Wing Flap			Rear Wing Flap Wicker	
Manufacturer		Permitted Options	Permitted Configurations	Permitted Options		Type	Maximum Height	Type	Maximum Angle / Position	Type	Position	Maximum Angle	Span	Maximum Height
						mm	mm		degrees			degrees	mm	mm
Acura	ARX-05	Per Technical Credential [IMSA]:	Per Technical Credential [IMSA]:	Per Technical Credential [IMSA]:	OPTION 1	Per Technical Credential [IMSA]	Removed	Per Technical Credential [IMSA]	12.4	Sprint As-Homologated [FIA]	N/A	31.7	1800	10.0
		Removed Single Double	As-Tested [IMSA]	Acura Side Wicker All Front Fender Wicker Options			16.3 Per Template 28.3 Per Template							
Cadillac	DPI-V.R	Per Technical Credential [IMSA]:	Per Technical Credential [IMSA]:	Per Technical Credential [IMSA]:	OPTION 1	Per Technical Credential [IMSA]	Removed	Sprint As-Homologated [FIA]	15.0	Sprint As-Homologated [FIA]	Rotated	26.8	1200	5.0
		Removed	Splitter Outboard Fill-in Packers	Cadillac Side Wicker			8.0							
		2019 LDF Lower 2019 HDF Lower 2020 HDF Lower Double	Front Wheel Arch Packer + Lateral Wicker	10mm Front Fender Wicker Option only Hood Opening			30.0							
			All Front Fender Insert Options	Bib Extension										
Mazda	RT24-P	Per Technical Credential [IMSA]:	Per Technical Credential [IMSA]:	Per Technical Credential [IMSA]:	OPTION 1	Per Technical Credential [IMSA]	Removed	Per Technical Credential [IMSA]	16.1 (Position 4)	Sprint As-Homologated [FIA]	2019 Opt 1	28.4	1800	10.0
		Removed	Splitter Inboard Fill-in Packers	Mazda Side Wicker			20.0							
		2018 Trimmed Lower 2019 Lower Opt 1 2019 Lower Opt 2 2019 Upper Opt 1 Double	Lower Front Fender Packer	Splitter Outboard Shoes / Footplates 2019 Footplate Update Splitter foot vane Front wheel arch side GF										

