

BALANCE OF PERFORMANCE FOR C TRACKS



## **BALANCE OF PERFORMANCE FOR C Tracks:**

## **RedBull Ring**

These balance of performance measures are the result of the tests, research, analysis and projections performed by SRO Ltd and are the sole property of SRO Ltd. Other series promoters, race organisers and national sporting authorities cannot use all or part of them without SRO Ltd's prior written consent. Any contravention will result in a legal action.



## Balance of Performance FIA GT3 Specification



Make	FIA GT3	Model	Min Weight	BOP Ballast	Total Weight	Engine	Min RH	Min RH	Lambda	Comments
	Homologation				without driver	Restrictor	Front	Rear	Fixed	
					weight	size mm	mm	mm		
Acura Honda	GT3-047	NSX GT3 2019	1260	40	1300	none	66	66	0,88	Max Pboost see table
Audi	GT3-038	R8 LMS 2019	1235	65	1300	2 x 40	65,5	128	0,91	
BMW	GT3-043	M6 GT3	1290	25	1315	none	93	93	0,92	Max Pboost see table
Chevrolet	GT3-045	Corvette C7	1250	60	1310	50	65	72	0,88	
Lamborghini	GT3-040	Huracan GT3 2019	1230	85	1315	2 x 39	65,5	128	0,89	
Mercedes	GT3-042	AMG GT3	1285	40	1325	2 x 34,5	81	87	0,93	
Porsche	GT3-050	991 GT3-R	1235	55	1290	2 x 41,5	70	124	0,88	

Remarks:

1.1 Additional weight must be installed in accordance with article 257A-4.3 – 2021

1.2 Technical drawings of air restrictors for 2016/2017/2018/2019/2020/2021 cars are registered with FIA. Only restrictors in compliance with this registration are allowed 1.3 Use of catalytic converter compulsory

1.4 Notes on boost control :

- Values are boost pressure ratio and need to be multiplicated by the ambient pressure to get the Pboost limit.
- Competitors must adjust boost pressure relative to ambient pressure at each event
- Pboost limits linear interpolation approach
- Control of Pboost strategy see further.

1.5 The SRO Sporting Board is allowed to modify any parameter required to establish the balance of performance cfr the Sporting Regulations.

1.6 Cfr the Sporting Regulations : Engine reference data (iA, Lambda, Fuel inj, Cam In/Out, airbox pressure drop, etc) is the one collected during BOP tests and will be used for checks.



Balance of Performance <u>FIA GT3 Specification</u> Pboost Limits table for Turbo cars

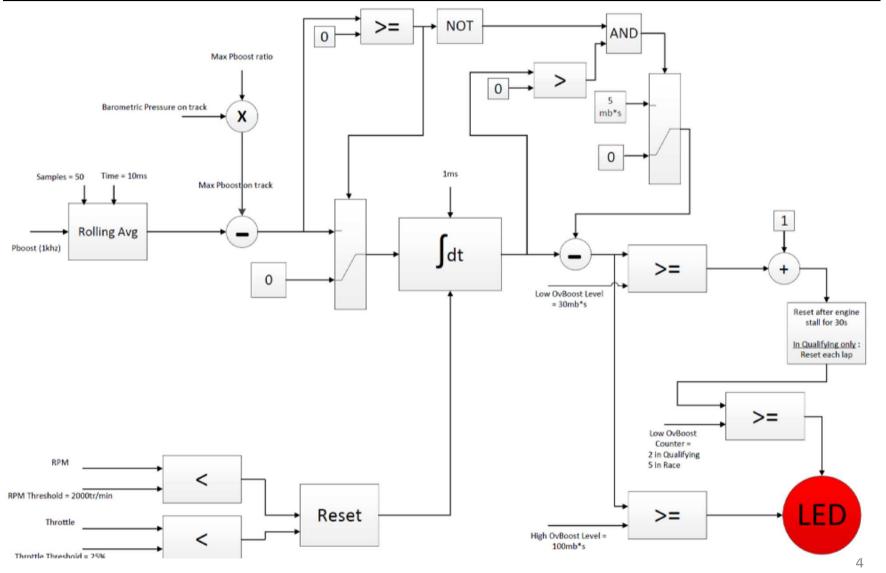


Engine speed	Acura/Honda NSX GT3	BMW M6 GT3			
RPM	Pboost ratio @ rpm @ Lambda	Pboost ratio @ rpm @ Lambda			
4000	1.87 @ 0.88	1.78 @ 0.92			
4250		1.83@ 0.92			
4500	1.93 @ 0.88	1.86 @ 0.92			
4750		1.91 @ 0.92			
5000	1.96 @ 0.88	1.94 @ 0.92			
5250		1.96 @ 0.92			
5500	1.98 @ 0.88	1.96 @ 0.92			
5750		1.95 @ 0.92			
6000	2.00 @ 0.88	1.92 @ 0.92			
6250		1.88 @ 0.92			
6500	2.00 @ 0.88	1.74 @ 0.92			
6750		1,66 @ 0.92			
7000	1.98 @ 0.88	1,65 @ 0.92			
7250					
7500	1.96 @ 0.88				
>=7600	1.55 @ 0.88				



Balance of Performance FIA GT3 Specification Pboost Control Strategy





Decisions taken by the SRO GT Bureau 12/06/2021