

## BALANCE OF PERFORMANCE FOR SALZBURGRING



### **BALANCE OF PERFORMANCE FOR:**

### **SALZBURGRING**

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# **FIA GT3 Specification**



Make	FIA GT3	Model	Min Weight	BOP Ballast	Total Weight	Engine	Min RH	Min RH	Min	Lambda	Comments
	Homologation		kg	kg	without driver	Restrictor	Front	Rear	Wing	Fixed	
					weight kg	size mm	mm	mm	Angle °		
Audi	GT3-038	R8 LMS EVO II	1260	45	1305	2 x 37	65,5	128	6	0,91	
BMW	GT3-053	M4 GT3 EVO	1288	32	1320	none	82,5	81,5	4	1,10	Max Pboost see table
Ford	GT3-058	Mustang GT3	1288	27	1315	2 x 37	87	94	6	0,88	
Lamborghini	GT3-054	Huracan GT3 EVO2	1250	90	1340	1 x 51	85	128	10,5	0,91	
McLaren	GT3-052	720S GT3 EVO	1250	70	1320	none	65	70	7	0,88	Max Pboost see table
Mercedes	GT3-042	AMG GT3	1285	60	1345	2 x 35	81	87	6	0,92	
Porsche	GT3-055	911 GT3-R (992)	1250	75	1325	2 x 41,5	101	120	8,5	0,89	

#### 1.Remarks:

- 1.1 Technical drawings of air restrictors for NA cars are registered with FIA. Only restrictors in compliance with this registration are allowed
- 1.2 Use of catalytic converter compulsory
- 1.3 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
  - Phoost limits linear interpolation approach
  - Control of Phoost strategy see further.
- 1.4 The SRO GT Bureau is allowed to modify any parameter required to establish the balance of performance cfr the current Regulations.
- 1.5 Cfr the current 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.
- 1.6 Min wing angle ° for rake 0° + tolerance of 0.1°.



# Balance of Performance <u>FIA GT3 Specification</u> Phoost Ratio table for Turbo cars



Engine speed	BMW M4 GT3 EVO	McLaren 720 S GT3 EVO
RPM	Pboost ratio @ rpm @ Lambda	Pboost ratio @ rpm @ Lambda
4000	2.38 @ 1.10	1.79 @ 0.88
4250		
4500	2.45 @ 1.10	1.77 @ 0.88
4750		
5000	2.50 @ 1.10	1.75 @ 0.88
5250		
5500	2.56 @ 1.10	1.74 @ 0.88
5750		
6000	2.60 @ 1.10	1.67 @ 0.88
6250	2.62 @ 1.10	
6500	2.52 @ 1.10	1.60 @ 0.88
6750		
7000	2.30 @ 1.10	1.50 @ 0.88
7250		
7500	2.10 @ 1.10	1.45 @ 0.88
7750		
8000		1.39 @ 0.88
8100		1.10 @ 0.88



# **FIA GT3 Specification Phoost Control Strategy**



#### **LED Boost Control Strategy**

