

BALANCE OF PERFORMANCE FOR HOCKENHEIM



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HOCKENHEIM

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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	60	1320	2 x 36,5	65,5	128	6	0,91	
BMW	GT3-053	M4 GT3 EVO	1300	45	1345	none	82,5	81,5	5	1,10	Max Pboost see table
Ford	GT3-058	Mustang GT3	1288	22	1310	1 x 36/1 x 37	84	92	8	0,88	
Lamborghini	GT3-054	Huracan GT3 EVO2	1250	75	1325	1 x 49	85	128	10	0,91	Max wing angle 11,5°
Mercedes	GT3-042	AMG GT3	1285	60	1345	2 x 34,5	81	87	6	0,90	
Porsche	GT3-055	911 GT3-R (992)	1250	100	1350	2 x 41,5	101	120	9	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 FIA GT3 Specification Phoost Ratio table for Turbo cars



Engine speed	BMW M4 GT3 EVO
RPM	Pboost ratio @ rpm @ Lambda
4000	2.38 @ 1.10
4250	
4500	2.44 @ 1.10
4750	
5000	2.54 @ 1.10
5250	
5500	2.60 @ 1.10
5750	
6000	2.63 @ 1.10
6250	2.65 @ 1.10
6500	2.54 @ 1.10
6750	
7000	2.32 @ 1.10
7250	2.19 @ 1.10
7500	1.10 @ 1.10
7750	
8000	
8100	



FIA GT3 Specification Phoost Control Strategy



LED Boost Control Strategy

