



BALANCE OF PERFORMANCE FOR TRACKS CATEGORY D



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Stewards
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BALANCE OF PERFORMANCE FOR BLANCPAIN GT SERIES TRACKS CATEGORY D :

BRANDS HATCH, NURBURGRING SPRINT

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J Richard NO53
STEWARDS
MSA (UK) 6028

Greg Masters
International Steward
MSA (UK) Lic: 14081

TO BE PUBLISHED

M. Janssen
Chairman

Balance of Performance FIA GT3 2016 Specification FOR TRACKS CATEGORY D

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Make	FIA GT3 Homologation	Model	Min Weight kg	BOP Ballast kg	Final Weight kg *without driver weight	FIA Restrictor Size mm	RH Front Min mm	RH Rear Min mm	Fuel Rig Restrictor mm	Comments
BMW	GT3-043	M6 GT3	1290	+30	1320	none	89	92	34,5	Max Boost P see table
Lamborghini	GT3-040	HURACAN GT3	1230	+25	1255	2 x 38	65,5	128	30	
Ferrari	GT3-044	488 GT3	1260	+15	1275	none	73	98	32,5	Max Boost P see table
Mercedes	GT3-042	AMG GT GT3	1285	+35	1320	2 x 36	81	87	33	
Porsche	GT3-041	991 GT3-R	1220	+20	1240	2 x 40	72	124	28,5	

1.1 Additional weight must be installed in accordance with article 257A-4.3 – 2016 * Mind that the minimum driver weight is 85kg cfr art 91 f of the Sporting Regulations

1.2 Technical drawings of air restrictors for 2013/2014/2015/2016 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 absolute pressure for ambient pressure of 1010mbar.
- Competitors must adjust boost pressure relative to ambient pressure at each event
- 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 art 94 of the Sporting Regulations.

*Control of Pboost strategy via SRO DL1 Datalogger and pressure sensors:

IF

- Throttle is > 30% open AND
- RPM is > 3000 AND
- Longitudinal Acceleration is increasing or constant or >0 AND
- OVERBOOST > "Limit + 15 mbar" is recorded for more than 50ms

THEN

- Flag and report to the stewards

Engine speed	Ferrari 488 GT3	BMW M6 GT3
RPM	Pboost limit barA @ x Lambda	Pboost limit barA @ x Lambda
4000	1.47 @ 0,92	1.78 @ 0,92
4500	1.51 @ 0,92	1.84 @ 0,92
5000	1.56 @ 0,92	1.90 @ 0,92
5500	1.59 @ 0,92	1.95 @ 0,92
6000	1.60 @ 0,92	1.86 @ 0,92
6500	1.58 @ 0,92	1.71 @ 0,92
>/7000	1.54 @ 0,92	1.58 @ 0,92
>/7500	1.45 @ 0,92	-

Balance of Performance FIA GT3 2015 Specification FOR TRACKS CATEGORY D

Make	FIA GT3 Homologation	Model	Min Weight kg	BOP Ballast kg	Final Weight Kg	FIA Restrictor Size mm	RH Front Min mm	RH Rear Min mm	Fuel Rig Restrictor mm	Comments
Aston Martin	GT3-032	Vantage GT3	1230	+60	1290	2 x 41.5	75	180	34	2015 restrictor
McLaren	GT3-037	650S	1240	+10	1250	2 x 36	67	74	37	Max Boost P see table
Nissan	GT3-030	GT-R NISMO GT3	1290	+10	1300	2 x 40	178	130	34	Max Boost P See table
Audi	GT3-038	R8 LMS	1225	+15	1240	2 x 38	65,5	128	30	

1.1 Additional weight must be installed in accordance with article 257A-4.3 – 2016 * Mind that the minimum driver weight is 85kg cfr art 91 f of the Sporting Regulations

1.2 Technical drawings of air restrictors for 2013/2014/2015/2016 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 absolute pressure for ambient pressure of 1010mbar.
- Competitors must adjust boost pressure relative to ambient pressure at each event
- 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 art 94 of the Sporting Regulations.

Control of Pboost strategy via SRO DL1 Datalogger and pressure sensors:

IF

- Throttle is > 30% open AND
- RPM is > 3000 AND
- Longitudinal Acceleration is increasing or constant or >/ 0 AND
- OVERBOOST > "Limit + 15mbar" is recorded for more than 50ms

THEN

- Flag and report to the stewards

Engine speed	McLaren 650S	Nissan GT-R Nismo GT3
RPM	Pboost limit barA	Pboost limit barA
4000	1.82	2.02
4500	1.80	2.00
5000	1.78	1.97
5500	1.76	1.94
6000	1.73	1.92
6500	1.63	1.90
>/7000	1.59	1.88
>/7500	1.52	

Balance of Performance FIA GT3 2013/2014 Specification FOR TRACKS CATEGORY D

Make	FIA GT3 Homologation	Model	Min Weight kg	BOP Ballast kg	Final Weight Kg *Without driver	FIA Restrictor Size mm	RH Front Min mm	RH Rear Min mm	Fuel Rig Restrictor mm	Comments
Audi	GT3-017	R8 LMS ULTRA	1250	+35	1285	2 x 49	70	73	34,5	
Aston Martin	GT3 -032	VANTAGE GT3	1230	+45	1275	2 x 41,5	75	180	34	2014 restrictor
BMW	GT3-023	Z4 GT3	1230	+10	1240	1 x 80,6	45	45	32	
Bentley	GT3-035	Continental GT3	1300	+0	1300	2 x 38	70	80	36	Max Boost P See table
Chevrolet	GT3-033	Camaro	1290	+20	1310	1 x 66	100	112	35	
Corvette	GT3-026	Z06 R GT3	1270	+20	1290	1 x 55	75	100	33	
Ferrari	GT3-029	F458 Italia GT3	1250	+30	1280	2 x 43	83	112	34	
Ford	GT3-016	Ford GT	1190	+50	1240	1 x 59	40	50	33	
Lamborghini	GT3-024	LP560-4	1175	+65	1240	2 x 49	95	85	35	
McLaren	GT3-031	MP4-12C	1245	+20	1265	2 x 36	72	79	37	Max Boost P see table
Mercedes	GT3-028	SLS AMG GT3	1310	+20	1330	2 x 38	82	85	37	
Nissan	GT3-030	GT-R NISMO GT3	1300	+10	1310	2 x 40	178	130	37	Max Boost P See table
Porsche	GT3-025	911 GT3-R	1200	+20	1220	1 x 72*	65	85	35	

1.1 Additional weight must be installed in accordance with article 257A-4.3 – 2016. * Mind that the minimum driver weight is 85kg cfr art 91 of the Sporting Regulations

1.2 Technical drawings of air restrictors for 2013/2014 cars are registered with FIA. Only restrictors in compliance with this registration are allowed. (*) denotes 2012 geometry

1.3 Use of catalytic converter compulsory

1.5 The SRO Sporting Board is allowed to modify any parameter required to establish the balance of performance cfr art 94 of the Sporting Regulations.

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Balance of Performance FIA GT3 2013/2014 Specification Pboost Limits table for Turbo cars

Ensgine speed	McLaren MP4 12c	Nissan GT-R Nismo GT3	Bentley Continental GT3
RPM	Pboost limit barA	Pboost limit barA	Pboost limit barA
4000	1.82	2,00	2.02
4500	1.80	1,99	2.00
5000	1.76	1,98	1.90
5500	1.73	1,97	1.80
6000	1.68	1,97	1.70
6500	1.59	1,95	1.60
7000	1.53	1,95	1.50
>_7500	1.50		

1. Notes on boost control :

- Values are absolute pressure for ambient pressure of 1010mbar.
- Competitors must adjust boost pressure relative to ambient pressure at each event

2. Control of Pboost strategy via SRO DL1 Datalogger and pressure sensors:

IF

- Throttle is > 30% open AND
- RPM is > 3000 AND
- Longitudinal Acceleration is increasing or constant or >0 AND
- OVERBOOST > "Limit + 15mbar" is recorded for more than 50ms

THEN

- Flag and report to the stewards

Balance of Performance OTHER CARS FOR TRACKS CATEGORY D

Make	FIA GT3 or RACB G3 Homologation	Model	Min Weight kg	BOP Ballast kg	Final Weight kg * Without driver weight	Restrictor Size mm	Fuel Rig Restrictor mm	Comments
Jaguar	G3-105	XK Emil Frey G3	1240	+90	1330	2 x 44	33	RHF 90mm RHR 99 mm
Lamborghini	G3-003	Gallardo R-EX	1175	+65	1240	2 x 49	35	RHF 99mm RHR 89mm
Audi	GT3-017	R8 LMS Ultra	1250	+40	1290	2 x 54	34,5	Gentlemen Class

Stewards
Log N°

- 1.1 Additional weight must be installed in accordance with article 257A-4.3 – 2016. * Mind that the minimum driver weight is 85kg cfr art 91 of the Sporting Regulations
 1.2 Restrictors with FIA 2013 geometry. * denotes 2012
 1.3 Use of catalytic converter compulsory
 1.4 The SRO Sporting Board is allowed to modify any parameter required to establish the balance of performance cfr art 94 and can change the BOP decisions for G3 cars at any moment in the event.