



6H ABU DHABI

 21-22 JANUARY 2022

Balance of Performance Publication

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HANKOOK 6H ABU DHABI 2022

To Sporting & Technical Regulations Hankook 6H ABU DHABI 2022
(Version 28.12.2021 with EMSO permit No.: UAE-2022-007)

Dear Teams and Drivers

These Balance of Performance and other figures are in force with immediate application.

Notes on boost control:

Control of Pboost strategy as per document attached (Appendix: Control of Pboost strategy is updated), for all cars of which Pboost max is specified, unless explicit otherwise specified.

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Class TG: (Special Touring Cars)

Brand & Type	Cylinder capacity	Turbo	Minimum Weight	Max Refuelling amount	Remarks
Ligier JS2 R	3700 cc	No	1050 kg	110 L	
Lotus Elise Cup PB-R	1800 cc	Turbo	800 kg	100 L	
Ginetta G55	3700 cc	No	1100 kg	110 L	
Porsche Cayman GT4 Club Sport (type 981)	3800 cc	No	1325 kg	110 L	
Porsche 718 Cayman GT4 Club Sport (type 982)	3800 cc	No	1325 kg	110 L	
BMW M240i Racing Cup	3000 cc	Twin Turbo	1440 kg	85 L	Car ride height is free
BMW M240i	3000 cc	Twin Turbo	1330 kg	120 L	
BMW M2 CS (450HP)	3000 cc	Twin Turbo	1530 kg	85 L	Black power stick (450HP)
HONDA Integra DC5	2000 cc	Turbo	1200 kg	120 L	
Lamera	2500 cc	Turbo	1225 kg	110 L	Datalogger AIM Evo4 or Evo5 mandatory. Max Pboost : 1,8 bar (400HP) Independent of Ambient pressure

Class TG: (GT4 cars)

Brand & Type	Cylinder capacity	Minimum Weight	Max Refuelling amount	Restrictor	Remarks *
ASTON MARTIN VANTAGE AMR GT4	4000cc/8cyl Turbo	1450 kg	105 L	NA	Max Pboost acc. 2021 MAP 3 (ref. point point 1864mbar @ 4500 rpm)
AUDI R8 LMS GT4	5200cc/10cyl	1470 kg	110 L	2x44mm	Restrictor thickness 5mm. Acc. Audi R8 GT4 restrictor drawing
BMW M4 GT4	3000cc/6cyl Turbo	1440 kg	105 L		USB Powerstick "SILVER" (Max Engine power: 440Hp)
GINETTA G56 GT4	6200cc/8cyl.	1250 kg	95 L	48mm	
KTM X-BOW GT4	2000cc/4cyl Turbo	1120 kg	70 L		Max Pboost 2,0 bar Max rpm 7000 rpm (at all gears)
MERCEDES AMG GT4	4000cc/8cyl Turbo	1470 kg	100 L		Max Pboost 1,63 bar (Power Level 3 MAP BOP 2021) (Max Engine power: 295kW)

* Specified Max Pboost pressure are absolute pressure at ambient of 1010mbar.

Class TCR BOP and ECU-software version

Brand & Type	Minimum Weight	Max Refuel amount	Ride height	TCR Technical form	Power level (%)	SW Name ECU-software version	SW Identification (Checksum or ID)	Max Pboost* & Rev limiter	Correct (mbar/C)
ALFA ROMEO GIULIETTA RF TCR	1245 kg	100 L	70mm	22					
AUDI RS3 LMS SEQ	1245 kg	100 L	70mm	10					
AUDI RS3 LMS DSG	1250 kg	100 L	70mm	9					
AUDI RS3 LMS TCR	1250 kg	100 L	60mm	Tba					
CUPRA TCR SEQ	1250 kg	100 L	70mm	35					
CUPRA TCR DSG	1240 kg	100 L	70mm	43					
CUPRA Leon Competicion TCR	1250 kg	100 L	70mm	169					
HONDA CIVIC FK7 TCR SEQ	1260 kg	100L	70mm	33					
HONDA CIVIC FK2 TCR SEQ	1240 kg	100L	70mm	11					
HYUNDAI i30 N TCR	1270 kg	100 L	90mm	27					
HYUNDAI Veloster N TCR	1275 kg	100L	90mm	97					
KIA CEE'D TCR	1245 kg	100 L	70mm	24					
Lynk&Co 03 TCR	1275 kg	100 L	80mm	101					
MG 6 XPOWER TCR	1250 kg	100 L	70mm	139					
OPEL ASTRA TCR	1250 kg	100 L	70mm	5					
PEUGEOT 308 TCR	1230 kg	100 L	70mm	37					
RENAULT MEGANE RS TCR	1240 kg	100 L	60mm	121					
SUBARU STI TCR	1245 kg	100 L	70mm	7					
VOLKSWAGEN GOLF GTI TCR SEQ	1245 kg	100 L	60mm	14					
VOLKSWAGEN GOLF GTI TCR DSG	1235 kg	100 L	60mm	12					
<p>TCR ECU-software MUST be according TCR Technical Bulletin no. 14-2021 dated: 28.10.2021</p>									
Your (TCR) car not listed here? Please make an individual request to info@creventic.com									

*Boost pressure will be monitored according to: TCR Turbocharger Boost Monitoring Method, dated: 2021-03-29

24H SERIES

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Class 992: Porsche 991 & Porsche 992 Cup classes

Type	Minimum Weight	Max Refuelling amount	Remarks
Porsche 911 GT3 Cup 991	1230 kg	100 L	Models 2017 .. 2020 NO Restrictor-Blende
Porsche 992 Cup	1250 kg	90 L	Models 2021 .. 2022 NO Restrictor-Blende

Class GT

Brand & Type	Cylinder capacity	Minimum Weight	Max Refuelling amount	BOP	Remarks
Lamborghini Huracán Super Trofeo	5200 cc	1300 kg	110 L	2 x 41mm	Datalogger AIM Evo 4 or Evo5 mandatory
MARC II V8	5200 cc	1150 kg	120 L	NA	NA
Vortex 1.0	6200 cc	950 kg	120 L	NA	NA
KTM X-BOW GTX	2500 cc	1100 kg	90 L	2,2bar (independent of Pamb), max rpm 7000	Datalogger AIM Evo 4 or Evo5 mandatory
Audi R8 LMS GT2	5200 cc	1350 kg	110 L	2 x 60mm	Datalogger AIM Evo5 mandatory
Porsche 911 GT3 Cup 991 MR	4000 cc	1220 kg	120 L	NA	NA

Please note: Art. 3.3 of Appendix 7 of the Sporting & Technical regulations

Your (GTX) car not listed here? Please make an individual request to info@creventic.com

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Class GT3

Brand & Type	Minimum Weight	Max Refuel amount	Restrictor	Max Pboost *
ASTON MARTIN VANTAGE AMR GT3	1290 kg	110 L	N/A	Max Pboost ratio/rpm 1,62/4000 1,67/4500 1,75/5000 1,81/5500 1,84/6000 1,83/6500 1,72/7000 1,63/7200 1,40 > 7300
AUDI R8 LMS GT3 (GT3-038)	1280kg	100 L	2x40,0mm	
BMW M4 GT3	1290 kg	100 L	N/A	Max Pboost ratio/rpm 2,31/4000 2,39/4500 2,50/5000 2,57/5250 2,65/5500 2,71/5750 2,76/6000 2,78/6250 2,71/6500 2,61/6750 7000/2,49
BMW M6 GT3	1310 kg	120 L	N/A	Max Pboost ratio/rpm 1,78/4000 1,86/4500 1,94/5000 1,98/5500 1,92/6000 1,78/6500 1,62/7000 1,30/7250
FERRARI 488 GT3	1280 kg	97 L	N/A	Max Pboost ratio/rpm 1,47/4000 1,51/4500 1,55/5000 1,59/5500 1,61/6000 1,57/6500 1,54/7000 1,49/7250 1,47/7500 1,35/>7600
FERRARI 458 ITALIA GT3 (EVO 2015)	1300 kg	110 L	2x55,5mm	
LAMBORGHINI HURACAN GT3	1310 kg	105 L	2x39,0mm	
LAMBORGHINI HURACAN GT3 (2016)	1245 kg	105 L	2x42mm	
McLaren 720S GT3	1230kg	105 L	N/A	Max Pboost ratio/rpm 1,78/4000 1,75/4500 1,72/5000 1,70/5500 1,62/6000 1,56/6500 1,45/7000 1,40/7500 1,34/8000 1,12/8100
MERCEDES AMG GT3	1320kg	105 L	2x35,0mm	
PORSCHE 911 GT3 R (991 I & 991 II)	1290 kg	95 L	2x41,5mm	
RADICAL SPORTSCARS RXC TURBO GT3	Tba	Tba	Tba	Max Boost Tba

All restrictors must be according FIA-restrictor design

* Values are boost pressure ratio and need to be multiplied 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.

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Appendix: Control of Pboost strategy

