



**Balance of Performance:
Round 2 – Hankook 12H MAGNY-COURS
Dated: 10.04.2017**

To Sporting & Technical Regulations 24H TCE SERIES 2017
(with KNAF-permit No.: 0314.16.261)

Subject: BOP Hankook 12H MAGNY COURS – 21-22 April 2017

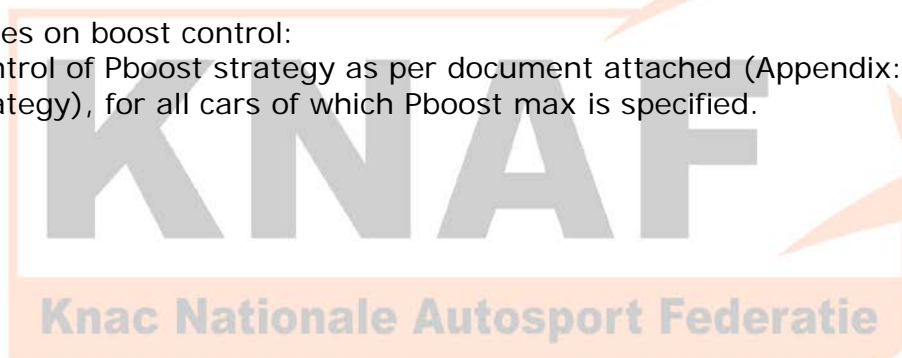
Dear Teams and Drivers

In this bulletin you will find the Balance of Performance (BOP) and applicable Minimum Reference lap times for **Hankook 12H MAGNY COURS – 21-22 April 2017**.

This BOP and other figures are in force with immediate application and replaces the figures of appendix 10 of the Sporting & Technical regulations and eventually previously published BOP-figures.

Notes on boost control:

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



KNAF approved at: 13th April 2017
With KNAF Permit nr: 0314.17.114

24H TCE SERIES 24H TOURING CAR ENDURANCE SERIES

24HTCESERIES.COM POWERED BY HANKOOK

Petrol & Diesel Touring cars, up to 3500cc

Class	Cylinder capacity		Minimum Weight	Max Refuelling amount	Remarks	
D1	Diesel cars up to 2000cc		1100 kg	100L	Min ref lap time* 1min55 (Magny-Cours) Theoretical Min Ref lap time 1min54	
			1200 kg	120L		
A2	Petrol (up to - 2.000cc)	up to 1.300cc	710 kg	80 L	Min ref lap time* 1min55 (Magny-Cours) Theoretical Min Ref lap time 1min54	
		1.300 - 1.400cc	760 kg	80 L		
		1.400 - 1.600cc	820 kg	90 L		
		1.600 - 1.800cc	900 kg	100 L		
		1.800 - 2.000cc	980 kg	100 L		
	Petrol Supercharged engines (up to 1.650cc)	Supercharged engines up to 1.650cc	1000kg	70 L		
Peugeot RCZ 1.600cc / Turbo		1100 kg	80 L			
A3	Petrol (2.000 - 3.500cc)	2.000 - 2.500cc	1000 kg	120 L	Min ref lap time* 1min51 (Magny-Cours) Theoretical Min Ref lap time 1min50	
		2.500 - 3.000cc	1100 kg	120 L		
		3.000 - 3.500cc	1200 kg	120 L		
	Petrol Supercharged engines (1.650 - 2.000cc)	Peugeot 208 GTI 1.600cc / Turbo	1050 kg	85 L		
		1.650 – 1.800cc	900 kg	100 L		e.g. Lotus Elise 1.8 Turbo
			1000 kg	120 L		e.g. Seat Leon MK1
			1000 kg	90 L		e.g. Seat Leon MK2, Opel Astra (NO TCR cars)
		1.800 – 2.000cc	1100 kg	100 L		
	1200 kg		120 L			
	Diesel 2.000 – 3000cc	2.000 – 2.500cc	1100 kg	85 L		
2.500 – 3.000cc		1200 kg	85 L			
CUP 1	BMW M235i Cup	3.000cc Twin Turbo	Remarks	Remarks	According to BMW M235i Cup regulations	
TCR	Supercharged engines 2.000cc		See art. 5b	100 L	(Models 2015 and younger)	

Class TCR

Brand & Type	Minimum Weight	Max Refuelling amount	Ride height	TCR Technical form	Remarks
ALFA ROMEO GIULIETTA TCR	TBA	100 L	70 mm	Cert. No 006	
AUDI RS3 LMS DSG (2017)	1230 kg	100 L	70 mm	1 March 2017	
AUDI RS3 LMS SEQ (2017)	1250 kg	100 L	70 mm	1 March 2017	
FORD FOCUS TCR	TBA	100 L	70 mm	TBA	
HONDA CIVIC TCR SEQ (2016)	1200 kg	100 L	70 mm	Cert. No 001	
HONDA CIVIC TCR SEQ (2017)	1240 kg	100L	70 mm	TBA	
KIA CEE'D TCR	TBA	100 L	TBA	TBA	
OPEL ASTRA TCR	TBA	100 L	70 mm	TBA	
PEUGEOT 308 RACING CUP	1100 kg	95 L	70 mm	1 march 2017	
SEAT LEON CUP RACER V1 DSG (2015)	1200 kg	100 L	60 mm	TCN2-C-001	
SEAT LEON TCR V2 DSG (2016)	1200 kg	100 L	60 mm	Cert. No 004	
SEAT LEON TCR V2 SEQ (2016)	1200 kg	100 L	70 mm	Cert. No 002	
SEAT LEON TCR V3 DSG (2017)	1220 kg	100 L	70 mm	1 March 2017	
SEAT LEON TCR V3 SEQ (2017)	1240 kg	100 L	70 mm	1 March 2017	
SUBARU WRX STI TCR	TBA	100 L	TBA	Cert. No 007	
VOLKSWAGEN GOLF GTI TCR DSG (2017)	1200 kg	100 L	70mm	TBA	
VOLKSWAGEN GOLF GTI TCR SEQ (2017)	1220 kg	100 L	70 mm	TBA	
Your (TCR) car not listed here? Please make an individual request to info@creventic.com					

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Exceptional cars, class SP3-GT4

BOP / Minimum reference lapttime table for class SP3-GT4

Ginetta G55 2016 or older (without any of 2017 upgrade parts):

- Refuel amount according SP3-GT4-BOP-Table

Ginetta G55 with new-for-2017 upgrades:

- TBA

KTM X-bow GT4: Fixed BOP:

- Minimum weight: 1100 kg
- Pboost max is: 2,3bar (independent of ambient air pressure)
- Max rpm: 7000 rpm (at all gears)
- The car must be equipped with a data logger including pressure sensor according art.4.10 of chapter II of the Sporting & Technical Regulations.
- Ride Height is free
- Refuel amount according SP3-GT4-BOP-Table

For all other SP3-GT4 cars:

Class	Minimum reference time / Theoretical Min. Ref. time	Max Refuelling amount					
		Minimum Weight 750 kg	Minimum Weight 1000kg	Minimum Weight 1100kg	Minimum Weight 1200kg	Minimum Weight 1300kg	Minimum Weight 1400kg
SP3- GT4*	Min ref lap time* 1min47 (Magny-Cours) Theoretical Min Ref lap time 1min46	40 L	50 L	60 L	70 L	80 L	90 L
	Min ref lap time* 1min48 (Magny-Cours) Theoretical Min Ref lap time 1min47	50 L	60 L	70 L	80 L	90 L	100 L
	Min ref lap time* 1min49 (Magny-Cours) Theoretical Min Ref lap time 1min48	60 L	70 L	80 L	90 L	100 L	110 L
	Min ref lap time* 1min50 (Magny-Cours) Theoretical Min Ref lap time 1min49	70 L	80 L	90 L	100 L	110 L	120 L

Appendix: Control of Pboost strategy

