



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

www.motorsport.co.za

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MSA NATIONAL GTC CHAMPIONSHIP CIRCULAR 02 OF 2018

The following amendments to the National GTC regulations Version 2 are made with immediate effect:

1. PART 1: SPORTING REGULATIONS v2.

- 1.1 Please amend art 13.4 Manufacturer's Championship, as follows:
Points will be scored for the GTC class **and the GTC 2 class in** the individual races (not race meetings) on the following basis:
- 1.2 Please amend art 17.9 GTC grids, as follows:
17.9.1 The fastest car in qualifying shall start from pole position **in race 1 for** each of the respective classes.
17.9.4 **Race 1** grid will be formed up according to the times established in official qualifying **including penalties**, and cars shall be grouped according to Class.
17.9.6 The **race 2** grid will be determined by reversing the finishing order of **race 1, excluding penalties**. Competitors that did not finish **race 1 or did not start race 1** will start behind the reversed grid in **race 2**. This rule will apply to GTC and GTC 2 in their respective classes.
- 1.3 Please amend art 21.1.3 Boost limits as follows:
GTC:
The maximum absolute manifold pressure as measured on the Life Data logging system, or any other data logging system as specified by GTC, shall not exceed the following:
All cars: 2140 mBar in race mode (335 kW, 450 hp)
2340 mbar in Push-to-Pass mode (373 kW, 500 hp)
- 1.4 Please amend art 21.2 Weight Control as follows:
GTC:
After the GTC shake-down session on Thursday 19/04/2018 at Killarney, cars will be selected for weighing without fuel to get a factual baseline of weights. Minimum base weights may be adjusted if found necessary. This will be done per bulletin on the notice board.
Please take note of the 2018 GTC SSR's Sporting Regulations v2, especially the paragraph Ballast - fixing methods and 2mm holes for sealing.
- 1.5 Please amend art 21.4.1 Ignition Timing as follows:
GTC:
The ignition angle, **ignFinalPri1** (LifeView), shall apply as follows:
VW/Audi: **ignFinalPri1** ≤ 16 degrees
BMW: **ignFinalPri1** ≤ 14 degrees

MOTORSPORT SOUTH AFRICA IS THE ONLY RECOGNISED MOTORSPORT FEDERATION IN SOUTH AFRICA



Directors: Adv. G. T. Avvakoumides (Chairman), A. Scholtz (Chief Executive Officer), A. Taylor (Financial), D. Easom, J. Fourie G. Hall, A. Harri, E. Murray, M. Rowe, R. Schilling, Ms M. Spurr, S. Van der Merwe

GTC 2:

- iv) **Ford Focus ST:**
Not to exceed 2° in Unichip ignition timing table and OEM settings in ECU.
- 1.6 Please amend art 22.2.3 Data Sharing, as follows:
All data collected, excluding in-car camera footage, is available to all competitors with the permission of the TC's. Data will be made available **after** qualifying and **at the end of** race day. Each competitor will upload logged car data by wi-fi to the allocated electronic data sharing where other competitors can download. Uploading must be done directly after qualifying, **and directly after the last race.** Uploading includes competitors who did not finish. Competitors who fail to upload data timeously may be penalised by the CoC at the next event if needs be.
- 1.7 Please amend art 30.6.2 Season Launch, as follows:
30.6.2 Each team must have present, for the duration of the season launch, their race car transporter, the primary driver for each car and at least one (1) GTC car displaying the Team's **2018** livery.
- 2. PART 2: GTC TECHNICAL REGULATIONS V2.**
- 2.1 Please amend art 10.5 FHR as follows:
Frontal Head Restraint Systems conforming to FIA standard 8858-2010 as per FIA technical list no 29 **must be worn.**
- 2.2 Please amend art 21.15.1 Volkswagen EA888 CJX engine as follows:
2) **Reserved.**
5) Piston protrusion above block deck will be allowed, but squish must be a minimum of **0,6mm without machining the piston crown or the combustion chamber.**
- 2.3 Please amend art 21.15.2 BMW N20 engine as follows:
2) **Reserved.**
5) Piston protrusion above block deck will be allowed, but squish must be a minimum of **0,8 mm. without machining the piston crown or the combustion chamber.**
- 3. PART 3: GTC 2 TECHNICAL REGULATIONS V2.**
- 3.1 Please amend art 6.3 Transmission as follows:
Only two sets of ramps, 45-45 degrees and 30-**90** degrees as supplied by Transaxle, will be allowed.
- 3.2 Please add to art 7.1 Suspension as follows:
Front steer tie-rods and arms may be modified, with the prior approval of the GTC TC's, to correct bump steer caused by the camber and caster modifications.
- 3.3 Please add to art 7.2 Suspension as follows:
Front and rear standard lower control arms may be reinforced with the prior approval of the GTC TC's, by addition of sheet metal following the contours of the standard component.



WAYNE RIDDELL
SPORTING SERVICES MANAGER

14th April 2018
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