



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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MSA NATIONAL GTC CHAMPIONSHIP CIRCULAR 03 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 refer to MSA NAT GTC Championship Circular 1-2018 art 4. Testing, and add to Sporting Regulations art 20.1 **Practice/Testing** :

GTC and GTC 2:

The following has been listed as home circuits for the Teams:

- i) Aldo Scribante Circuit, Port Elizabeth:
Terry Moss Racing Team #1, #38
- ii) Killarney Race Circuit, Cape Town :
Autohaus Angel Racing #4
- iii) Zwartkops Raceway, Pretoria:
Volkswagen Motor Sport #57, #89, #18, #114
Sasol BMW/VMI #32, #41
EPS Courier Services #14
RSC Racing #95
Universal Healthcare #5, #64
Signature Motor Sport #12, #20
Sabertek/Indy Oil #15
Ford Focus #100

1.2 Please amend art 21.2 **Weight Control** as follows:

GTC:

The minimum weight for GTC as defined in art 21.2 is **1410** kg.

1.3 Please amend art 21.4.7 **Push-to-Pass calibration** as follows:

GTC: To be advised in bulletin 1. Requires wider testing.

1.4 Please refer to articles 21.1.3 **Boost limits** and 21.3 **Inlet Air Restrictors**:

GTC 2:

The maximum absolute inlet manifold pressure and the inlet air restrictor sizes for GTC 2 will be calibrated on the MJR dyno on Thursday 10 May 2018. The values will be published in Bulletin 1 at Zwartkops on 11 May.

1.5 Please amend art 22.1.2 **Data Logging** as follows:

GTC 2:

All GTC 2 competitors are required to fit an AIM data logging device or any other system as specified by GTC to record GPS car speed, engine **RPM**, absolute inlet manifold boost pressure and throttle position to equalize performance.

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2. PART 2: GTC TECHNICAL REGULATIONS v2.

2.1 Please amend art 6.9 **Body & Chassis** as follows:

Cooling air exit apertures in the bonnet to respect the size and position as specified by GTC and recorded in the TP.

2.2 Please amend art 18.1 **Suspension and Steering** as follows:

Add the following suspension and steering rod-ends to the specified list:

- 18.1
- vi) FK JMX -8T ½"-20 tpi
 - vii) FK JMX-10T 5/8"-18 tpi
 - viii) FK RSMX-8T 5/8"-18 tpi, ½"pin
 - ix) Aurora RAM-10T 5/8"-18 tpi
 - x) NMB ARHT8ER 5/8"-18 tpi, ½"pin

The minimum necessary suspension modifications to fit the rod-ends will be allowed, provided there are no geometry changes. Cross bars already fitted to some lower front wishbones will be allowed until they have to be replaced, but no new cross bars because of the welding risk.

2.3 Please amend art 20 **Brakes and Ducts** as follows:

20.6 Brake ducts - The brake ducts must be used as supplied without modification. The brake duct hose diameter may not exceed 76 mm. Tape is the only approved method for regulating airflow into the brake ducts. Brake ducts are mandatory. No additional cutouts may be made in the front bumper/grille assembly and front fenders to allow for additional brake cooling air.

2.4 Please amend art 23 **Turbo & Wastegate** as follows:

Add the turbo wastegates to the specified list:

- i) Xcell 50 mm water-cooled waste gate.
- ii) Precision Turbo PW 46 waste gate. Part no PBO 085-2000
- iii) Precision Turbo PW 46 water-cooled waste gate. Part no PBO 085-2200
- iv) Tial MV-R water-cooled waste gate.
- v) Turbosmart WG45HP Hypergate 45 mm 14 psi waste gate. Part no TS-0506-1040/1

2.5 Please add to art 26 **Exhaust** as follows:

The exhaust system basic lay-out must remain as specified by GTC. To limit heat damage to components, removable heat insulating wrapping of the inlet air and exhaust ducting, including turbocharger will be allowed. Removable heat shields may be added. Ceramic and other coatings will not be allowed. All subject to the approval of the TC's.

2.6 Please add to art 29 **Gearbox** as follows:

Add art 29.12:

Air to oil coolers for the gearbox may be fitted at the rear of the car. No additional external body cut-outs for cooling air. All subject to the approval of the TC's.

3. PART 3: GTC 2 TECHNICAL REGULATIONS v2.

3.1 Please refer to SSR 8.3 **Wheels and tyres**:

Car #100, Ford Focus, Bob Neill:

The car has done the Kyalami race and sat out the Killarney race. Therefore the pro-rata rule will allow 28 new tyres for the rest of the year. Zwartkops is race 1 for Bob Neill. 4 new tyres will be allowed for Zwartkops, of which two new must be used for qualifying and the two races plus used and marked. Two new may be used for practice plus used marked tyres from Kyalami.



WAYNE RIDDELL
SPORTING SERVICES MANAGER

3rd May 2018
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