



# MOTORSPORT SOUTH AFRICA NPC

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## MSA NATIONAL GTC CHAMPIONSHIP CIRCULAR 1 OF 2019

The following amendments to the National GTC Sporting and Technical Regulations are made with immediate effect:

### 1. GTC SSR's: PART 1-SPORTING REGULATIONS

#### 1.1 Refer to art 20.1 **Practice/Testing** :

##### GTC and GTC 2:

The following has been listed as the 2019 home circuits for the Teams:

##### i) Aldo Scribante Circuit, Port Elizabeth:

- Terry Moss Racing Team/Audi

##### ii) Zwartkops Raceway, Pretoria:

- Volkswagen Motor Sport/Jetta + Golf 7
- VMI/BMW
- EPS Courier Services/BMW
- RSC Racing/Toyota
- Stuart Thompson/BMW
- Golf 7/Smalberger
- Ford Focus/Bob Neill
- Golf 7/Paul Hill
- Golf 7/Trevor Bland
- Mini Cooper JCW/Fast Racing

#### 1.2 Refer to art 21.1.3 ii) **Boost Limits:**

Ford Focus ST - to be advised by bulletin after dyno testing.

| CAR           | BOOST<br>(mBar) | RESTRICTOR SIZE<br>(mm) | Ignition Timing<br>°BTDC |
|---------------|-----------------|-------------------------|--------------------------|
| Ford Focus ST | <i>tba</i>      | 38                      | 2° max                   |

### 2. GTC SSR's: GTC TECHNICAL REGULATIONS

#### 2.1 Refer to art 5 **AERODYNAMIC AIDS:**

5.1 Mounting of the front splitter. Due to the long front overhang of the Toyota Corolla, the front splitter dimension from front axle centreline to front of splitter is inappropriate. A

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Department:  
Sport and Recreation South Africa  
REPUBLIC OF SOUTH AFRICA

Directors: A. Scholtz (Chief Executive Officer), A. Taylor (Financial), F. Alibhai, D. Easom,  
G. Hall, A. Harri, E. Murray, M. Rowe, R. Schilling, Ms M. Spurr, S. Themba, S. Van der Merwe

balanced solution for all cars will be sought after testing. In the interim the Corolla will race with a dimension of 55mm from front of splitter to front of front bumper in plan view on the car centreline.

## 2.2 Refer to art 20 **BRAKES AND DUCTS:**

20.6 Add the following:

*As an option steel backplates may be fitted to the uprights to assist with ducting air into the brake disc for cooling purposes. Ducting subject to the approval of the TC's*

## 2.3 Refer to art 22 **RADIATORS/COOLERS**

22.1 Add the following:

*The specified oil cooler may be fitted behind or in front of the water radiator.*

22.3 Add the following:

Ducting of air to the water radiator, *oil cooler* and charge air cooler is free, provided no additional cutouts are made in the chassis, body, grille or bumper. *Ducting subject to the approval of the TC's.*

## 2.4 Refer to art 25 **FUEL AND FUEL SYSTEM**

25.1 Amend as follows:

The only approved fuel is 98 octane petrol conforming to MSA GCR 240. *as supplied by the GTC fuel sponsor. See GTC Sporting Regulations and Specifications para 9.* Fuel must be stored and used at ambient temperature and no additives whatsoever may be used. Fuel may be sampled and subjected to testing at any time.

## 2.5 Refer to art 29 **GEARBOX**

29.4 Add the following:

Shiftec is the only approved shift mechanism. This must be used without modification and as supplied by GTC unless otherwise approved by the controllers. *The Motec shift compressor may also be used with the approval of the controllers.*

29.12 The drop gear ratio is *1.13:1* for all circuits except East London, where the ratio will be *1.091:1*

## 2.6 Refer to art 31 **TYRES** and amend as follows:

31.1 The following tyre compound and construction shall be used by GTC:

*31.1.1 - GTC Slick - Dunlop 280/680R18 S slick soft GTC.*

*31.1.2 - GTC Rain - Dunlop 280/680R18 D92 rain tyre.*

*31.1.3 The tyre order procedure is as follows:*

*i) Only orders received via GTC will be accepted by Dunlop/ATS*

*ii) GTC will send confirmation to Dunlop/ATS only when the order form has been received and filled out correctly.*

*iii) Only when Dunlop/ATS receives the order confirmation from GTC are they allowed to deliver the tyres.*

*iv) Send all orders to: Judy Maharaj - [judy@vminnovate.co.za](mailto:judy@vminnovate.co.za)*

*v) Payment must be made to ATS once the confirmed order is sent from GTC to ATS.*

*vi) A report will be sent out by GTC on a race by race basis informing all competitors of tyre deliveries and specific tyre numbers allocated to each car.*

*31.2 A total number of tyres per entry will be allocated and controlled for the season. Teams that do not enter or start a race shall have pro rata 4 less tyres per event.*

*31.2.1 Each competitor is allowed a total of 48 tyres only from 1 January 2019 to 31 December 2019.*

- 31.2.2 48 Dunlop slick tyres for the whole season. Four new per race meeting, rest from previously used and marked.
- 32 for eight race meetings.
  - 16 for practice & testing for the year. Total: 48 tyres for the season.
  - used tyres from previous seasons will be allowed in practice for race 1.
- 31.2.3 The four new tyres must be used for qualifying and the same tyres must be used for the two races.
- 31.2.4 Damaged tyre replacements for races to be taken from previously used and marked in the same season for the specific car. The replacement tyre must be of equivalent wear to the damaged tyre. The tyre swop must be approved by the TC's and the tyre numbers must be recorded by ATS.
- 31.2.5 1 set of new rain tyres. More sets may be allocated if really necessary.
- 31.3 Tyres will be marked and recorded per car. No tyre swapping between cars or teams.
- 31.4 It is the responsibility of the competitor / entrant to ensure that the tyre markings remain on the tyres, as the use of unmarked tyres at any time may result in the exclusion of the offending competitor from the session or race concerned.
- 31.5 Only Nitrogen or air may be used to inflate tyres.
- 31.6 Pressure controlling devices / valves are not allowed.
- 31.7 Chemical treatment or any form of alteration of the tyre is not allowed.
- 31.8 Tyre blankets, tyre warming devices and heaters are not allowed.

### 3. GTC SSR's: GTC 2 TECHNICAL REGULATIONS

- 3.1 Refer to art 8 **Wheels and Tyres** and amend as follows:

8.2 The following tyre compound and construction shall be used by GTC 2:

**- GTC2 Dry & Rain Tyre - Dunlop 215/45R17 DZ03G semi-slick tyre**

8.3 The tyre order procedure is as follows:

- i) Only orders received via GTC will be accepted by Dunlop/ATS
- ii) GTC will send confirmation to Dunlop/ATS only when the order form has been received and filled out correctly.
- iii) Only when Dunlop/ATS receives the order confirmation from GTC are they allowed to deliver the tyres.
- iv) Send all orders to: Judy Maharaj - [judy@vminnovate.co.za](mailto:judy@vminnovate.co.za)
- v) Payment must be made to ATS once the confirmed order is sent from GTC to ATS.
- vi) A report will be sent out by GTC on a race by race basis informing all competitors of tyre deliveries and specific tyre numbers allocated to each car.

8.4 A total number of tyres per entry will be allocated and controlled for the season. Teams that do not enter or start a race shall have pro rata 2 less tyres per event.

8.5 Each competitor is allowed a **total of 28 tyres** only from 1 January 2019 to 31 December 2019.

- 8.6.1 28 Dunlop semi-slick tyres for the whole season. Two new per race meeting, rest from previously used and marked.
- 16 for eight race meetings.
  - 12 for practice & testing for the year. Total: 28 tyres for the season.
  - used tyres from previous seasons will be allowed in practice for race 1.

*8.6.2 The two new tyres must be used for qualifying and the same tyres must be used for the two races.*

*8.7 Damaged tyre replacements for races to be taken from previously used and marked in the same season for the specific car. The replacement tyre must be of equivalent wear to the damaged tyre. The tyre swop must be approved by the TC's and the tyre numbers must be recorded by ATS.*

*8.8 Tyres will be marked and recorded per car. No tyre swapping between cars or teams.*

*8.9 It is the responsibility of the competitor / entrant to ensure that the tyre markings remain on the tyres, as the use of unmarked tyres at any time may result in the exclusion of the offending competitor from the session or race concerned.*

*8.10 Only Nitrogen or air may be used to inflate tyres.*

*8.11 Pressure controlling devices / valves are not allowed.*

*8.12 Chemical treatment or any form of alteration of the tyre is not allowed.*

*8.13 Tyre blankets, tyre warming devices and heaters are not allowed.*

3.2 Refer to art 9 **Fuel** and amend as follows:

*The only approved fuel is 98 octane petrol conforming to MSA GCR 240. Fuel must be stored and used at ambient temperature and no additives whatsoever may be used. Fuel may be sampled and subjected to testing at any time.*

**ISSUED BY: ALLISON ATKINSON (MSA SPORT COORDINATOR) ON BEHALF OF THE CHAMPIONSHIP CONTROLLERS**

22 February 2019

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