



# MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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## MSA NATIONAL GTC CIRCULAR 12 of 2017

The following amendments are made with immediate effect to the 2017 National GTC regulations.

### **A. SPORTING REGULATIONS**

Add the following in respect of the GTC class:

#### **22.8.8 Boost Map Calibration.**

##### **22.8.8.1 LifeCal -> IO Configuration -> Pin Assignments**

Inputs: Manifold Absolute Pressure 1A - AN #08 (GEN)

Inputs: Manifold Absolute Pressure 1B - Not Connected

Inputs: Manifold Absolute Pressure 2A - Not Connected

Inputs: Manifold Absolute Pressure 2B - Not Connected

##### **22.8.8.2 LifeCal -> Sensors -> Defined Sensors and Trip Setups -> Manifold Absolute Pressure:**

###### **i) Manifold Absolute Pressure Sensor 1A**

Input Configuration - 5V

Default Voltage High - 4.90V

Default Voltage Low - 0.10V

Filter Constant - 95.00%

Failure Rate - 100.00%/s

Recovery Rate - 20.00%/s

Linearisation - Setup by Controllers to ensure correct linearisation is present.

###### **ii) Manifold Absolute Pressure Sensor 1B**

Linearisation - All values set to Zero

###### **iii) Manifold Absolute Pressure Sensor 2A**

Linearisation - All values set to Zero

###### **iv) Manifold Absolute Pressure Sensor 2B**

Linearisation - All values set to Zero

##### **22.8.8.3 Penalties for incorrect ECU Boost Map Calibration setting is:**

i) In qualifying: drop 5 grid places for race 1 and race 2 starts.

ii) In a race: 20 seconds added to race time.

iii) The GTC controller's decision is final.

*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

**B. TECHNICAL REGULATIONS**

Refer MSA National GTC Circular 11 of 2017 (B) and correct the following:

21.17.1 Volkswagen EA888 CJX- engine:

- 3) Cylinder block height measured from block deck to sump face: ~~278,20~~ **278,00** mm standard.  
Deck skim 0,15 mm allowed to ~~278,05~~ **277,85** mm minimum.

**C. GTC 2 TECHNICAL REGULATIONS**

Refer MSA National GTC Circular 1 of 2017 clauses 5, 6 and 7 and Technical Regulations art 10.

**10. Brakes**

10.1 Braking system: OEM standard. ~~except the following:~~

- 10.2 ~~Alternatively the front brakes may be changed (as a complete package) to brake discs with a diameter not exceeding 330 mm ± 1,5 mm and thickness not exceeding 32 mm. and 4-piston Aluminium Alcon callipers as supplied by VW Motor Sport will be allowed. No titanium or any composite pistons will be allowed. An adapter bracket for the calliper to the upright may be made. Details to be specified in the Technical Passport.~~

Refer Technical Regulations art 11.

**11. Exhausts**

The following is applicable to all classes:

- 11.1 The exhaust system is free of restriction from the turbo flange downstream, provided that it follows a similar route to the standard system and exits at the rear of the car. Single outlets are permitted in place of dual outlets, and vice versa. Maximum pipe diameter 76mm. ~~Silencer maximum diameter 140mm by 350mm long. All cars must have at least one silencer, which may be standard OEM or an aftermarket option.~~

Refer MSA National GTC Circular 9 of 2017 art C 1 and Bulletin 2 Round 7 - Killarney.

~~Amend art 4.2.1 as follows:~~

~~Car 4. Honda Civic: 36 35 mm ID restrictor and 2200 2350 mBar max absolute intake manifold pressure.~~



**WAYNE RIDDELL**  
**SPORTING SERVICES MANAGER**

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