



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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MSA SATC CIRCULAR 07 OF 2024

Affected parties should note the following amendments to the 2024 MSA National SATC Technical and Sporting SSRs with immediate effect:

TECHNICAL REGULATIONS

14. ELECTRONIC SYSTEMS

14.1 ...

In addition to the original Life Racing GPS unit, the Nicor and ECUMASTER (part no 3S2GPS0001) GPS units will be allowed for data logging during events.

29. GEARBOX

29.6 The locked differential must be run as supplied, and to the SATC specification.

The limited slip differential must be run as supplied to the following specification.

Ramp angles: 30° accelerate, 60° brake.

Pre-load may not exceed 150 Nm at any time during qualifying and the races.

Pre-load check procedure:

i. A torque wrench of the day will be used to verify the limited slip differential pre-load. The default torque wrench of the day will be the WCT Engineering torque wrench which will be available, on request, from the SATC Technical Consultant. Any changes on race day will be notified in a race bulletin.

ii. Method:

1. Car to be mounted on trestles.

2. Gearbox must be in neutral.

3. Differential must be at or near operating temperature.

4. Fit a wheel nut socket on a long power bar onto one rear wheel

5. to ensure that said wheel is held completely stationary.

6. Fit another wheel nut socket on the torque wrench of the day onto the opposite rear wheel and proceed to turn said wheel in a clockwise direction.

7. Start with a low torque setting as determined by the SATC Technical Consultant and attempt to rotate the rear wheel.

8. If the rear wheel does not rotate increase the torque setting in steps determined by the SATC Technical Consultant until the wheel starts to rotate. This torque setting will be taken as the car's maximum pre-load setting at the sole discretion of the SATC Technical Consultant.

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



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iii) Penalties for Limited Slip differential transgressions:

The penalty for exceeding the specified pre-load limit or non-compliant ramp angles (see 29.6) is:

- i) In qualifying: drop 5 grid places for race 1 start.
- ii) In a race: 20 seconds added to race time.
- iii) The TC's decision will be final.

SPORTING REGULATIONS**22. DATA LOGGING AND DATA SHARING POLICY****22.1 Data Logging**

22.1.5 In addition to the original Life Racing GPS, the Nicor and ECUMASTER (part no 3S2GPS0001) GPS units will be allowed for data logging during events.



VIC MAHARAJ

SPORTING SERVICES MANAGER

13 May 2024

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