



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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MSA RALLY RAID CIRCULAR 1 OF 2023

Affected parties are hereby advised that the following changes to the MSA SA Rally-Raid National Regulations are made with immediate effect:

SSR 319 TEAM AWARDS:

A [I] The award will be made in Classes T, FIA T1+, ~~FIA T1~~ and ~~FIA T1.2 T1.1~~

SSR 320 CHAMPIONSHIP SCORING:

2. Classes A, P, G, T, FIA T1+, ~~FIA T1~~ and ~~FIA T1.2 T1.1~~ Champion Drivers.
Classes A, P, G, T, FIA T1+, ~~FIA T1~~ and ~~FIA T1.2 T1.1~~ Champion Navigators.

4. Manufacturers Championship

Classes T, FIA T1+, ~~FIA T1~~ and ~~FIA T1.2 T1.1~~

4.1 Eligibility

Classes T, FIA T1+, ~~FIA T1~~ and ~~FIA T1.2 T1.1~~

Please refer to MSA National Supplementary Regulations **Part 2** and apply the amendments.

2.11 Fuel for all classes, FIA included

The TC's may collect fuel samples for analysis ~~by comparison methods~~ if required.

3. PERFORMANCE CONTROLS.

The controllers reserve the right to balance the performance of vehicles ~~in a non-FIA class~~, should the need arise.

3.2.6. Restrictors

ENGINE TYPE	DESCRIPTION	RESTRICTOR SIZE (ID mm)
i) FIA classes		Refer FIA APP J Art 285 5.1.3 Engine Performance

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



sport, arts & culture

Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

Directors: A. Roux (Chairman), A. Scholtz (Chief Executive Officer), R. Beekun (Financial),
Mrs. D Abrahams, Mrs. D. Ballington, K. Govender, M. Hashe, FC. Kraamwinkel, Dr G. Mills, C. Oates, S. Themba, G. Waberski
Honorary President: R. Schilling

3.3 FIA Classes

All performance controls and monitoring will be based on the FIA regulations, circulars and related documents valid at the time. Refer SSR Part 2 art 13.2. Refer to Part 2 art 13.2.2 :

The following performance controls are applicable to the FIA T1 classes:

2023 SARR T1 Classes					
Group T1 Class	Engine	Performance	Min weight	Susp travel	Wheels
T1+ 4x4 turbo	Ford & Toyota 3,5 liter V6 turbo	Max boost curve as per FIA 2023. No altitude compensation	2000 kg	350 mm max	910 to 940 mm
T1+ 4x2 turbo	Audi 2,9 liter V6 turbo Toyota 3,5 liter V6 turbo	Max boost curve as per FIA 2023. No altitude compensation	1580 kg	Free	940 mm max
T1+ 4x4 N.A.	Ford & Toyota 5 liter 4v V8 Revo 5,6 liter 4v V8	37* mm & 38** mm	2000 kg	350 mm max	910 to 940 mm
T1+ 4x2 N.A.	LS7 7 liter pushrod V8	37,2* mm & 38** mm	1580 kg	Free	940 mm max
T1.1	Ford & Toyota 5 liter 4v V8 N.A. Nissan 5,6 liter 4v V8 N.A. Nissan 5,0 liter 4v V8 N.A.	37 mm restrictor 37 mm restrictor 38 mm restrictor	1850 kg	280 mm max	810 mm max
T1.2	Discontinued				
<p>* 37 and 37,2 mm restrictors in the T1+ class with N.A. engines for the first two events only, which are below 1000 meter altitude.</p> <p>** 38 mm restrictor in the T1+ class with N.A. engines for all events thereafter which are over 1000 meter altitude.</p> <p>Deviation from FIA in red.</p>					

12.6 CLASS G (SxS)

12.6.2.2 Engine

- iv) The inlet manifold and throttle body assembly must remain standard OEM. Throttle valve diameter is 46mm. **A commercially available catalogue replacement steel manifold with similar tube lengths and diameters as the OEM manifold may be used. The replacement manifold must bolt straight on to the cylinder head and the throttle body without any modifications.**
- viii) - Charge air cooler single OEM standard. Upgrade to single 2020 CanAm charge air cooler will be allowed. Part no 07800840. **It is allowed to remove the plastic header tanks of the above specified charge air cooler and replace with suitable fabricated aluminium tanks, retaining the OEM inlet and outlet tube diameters.**

12.6.2.6 Suspension and Steering

- Uprights, wheel bearings and hubs must be OEM from the standard vehicle, or from a catalogue of commercially available competition parts. Suspension pivot points must remain in the OEM standard position. **Billet upright assemblies manufactured and supplied by Moto-Netix, will be allowed. Part nos:**
LEFT FRONT 706204785 RIGHT FRONT 706204786
LEFT REAR 706004830 RIGHT REAR 706004831

12.6.2.7 Wheels and tyres

- The maximum rim diameter is 15 inches, the maximum inflated tire diameter is **840** mm.
[FIA App J 286 and 286A art 11]

12.6.2.9 Body

- **A safety glass windscreen may be fitted by fabricating a sturdy frame to fit the windscreen securely. An air duct may be fitted to the roof to allow cooling air for the engine radiators. The windscreen must carry a stamp of approval from an official homologation authority.**

13. PRODUCTION VEHICLE CATEGORY AND CLASSES

13.3 FIA GROUP T1 VEHICLES

13.2.1 Group T1 which includes classes **T1+ and T1.1**

13.2.3 Reserved

ISSUED ON BEHALF OF THE MSA SA RALLY-RAID CHAMPIONSHIP PROMOTER.



VIC MAHARAJ
SPORTING SERVICES MANAGER

17th March 2023

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