



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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MSA CROSS COUNTRY CAR CIRCULAR 3 OF 2022

Please refer to MSA National Supplementary Regulations Part 1 and Part 2 and apply the amendments.

Refer Part 1:

SSR 306

[iv] Standard Signs to be used on National Championship Events:

a) Light Check Control:

If light checks are situated at road crossings, it should be situated **50** meters after the crossing light check controls will be demarcated by a danger sign followed by a Marshall sign (**M**) at **50** meters and then **50** meters to stop at the marshal with the Light Check and OK sign. Competitor to stop at the marshal, and only leave when the OK sign is shown. It is not compulsory to include the stop in the Road Book or on RallySafe.

SSR 314

[vi] SA Rally-Raid Championship National Seeding System.

- e) If a competitor has only one qualifying time, he/she will be seeded behind the competitors in d), *unless the competitor has a previous lapsed seeding in which case the Clerk of the Course, Timing & Tracking Manager and the CRO may determine his/her starting position.*

SSR 317

[iii] Incidents

- a) Competitors will be issued an Electronic Incident Report Form by GPS officials after each day's racing (qualifying race, Day 1, Day 2 and Day 3). All timing equipment to be returned. *Refer SSR 318A [x] a)*
- b) Competitors who retire from the event must still complete the Electronic incident report form and return all timing equipment. *Refer SSR 318A [x] a)*

SSR 317

[v] Misdemeanours

Penalties for misdemeanours or transgressions of the rules discovered during or after an event regarding damage to property, but not limited to, may be applied after the event. Refer SSR 318 A [v] i, [vi] b), e, *and [xi] e) a) and b).*

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, A. Harri, M. Hashe, FC. Kraamwinkel, Dr G. Mills, C. Oates, R. Schilling, S. Themba, G. Waberski

SSR 319**A. Manufacturer's Team Award**

- [i] The award will be made in Classes FIA T1+, FIA T1, *T1.2*, T, S, D & E. The three highest finishers in category points from the same brand will be the winner of the Manufacturer's Team Award.

B. Entrants Team Award

- [i] This award will be made to the highest placed two (2) vehicles from the same entrant in both *the Special and Production Vehicle* categories with the lowest aggregate time when added together.

SSR 320**2. Aims of the SA Rally-Raid Championship**

To declare the following champions:

2022 SA Rally-Raid Championship Classes A, P, G, T, FIA T1+, FIA T1 *and FIA T1.2* Champion Drivers.

2022 SA Rally-Raid Championship Classes A, P, G, T, FIA T1+, FIA T1 *and FIA T1.2* Champion Navigators.

4. Manufacturer's Championship

Aim of the SA Rally-Raid Championship Vehicle Manufacturer's Championship, Classes FIA T1+, FIA T1, *FIA T1.2*, T, S, D and E.

4.1 Eligibility

The championship will be open to all motor manufacturers entering vehicles, which comply with Classes FIA T1+, FIA T1, *FIA T1.2*, T, S, D and E for SA Rally-Raid Championship Motor Vehicles.

Refer Part 2**SSR 3.2 Power output restrictions****3.2.6 Restrictors:**

ENGINE TYPE	DESCRIPTION	RESTRICTOR SIZE (ID mm)
i) FIA classes	Refer FIA Cross-Country Rally Sporting Regulations table 8.4.5	
ii) Petrol engines Gp N NA:	- Gp N engines, all except V8 rocker.	37
	- Gp N V8 rocker arm engines over 5400 cc, 4x2, class A	39
	- Ford, Nissan & Toyota, 4000cc max, class S, minimum weight exceeding 1900 kg.	39
	- Ford, Nissan & Toyota, 4000cc max, class S, min weight 1825 kg.	37
	- <i>Ford Gen 2 engine 5000cc max, Class T min weight 1825 kg.</i>	37
	- <i>Class T, Nissan VK 50 engine.</i>	38
	- Class P, engines Gp N, 4300 cc max.	No restrictor

3.4.3.1 NEIL WOOLRIDGE MOTORSPORT
CAR: Ford Ranger T1 with FORD 3.5 GTDI V6 ECOBOOST petrol engine

FIA updated boost curve:

Date	T/C petrol engine number	Tuner	Base engine	Fuel
21/04/2022	2021-004	NWM	FORD 3.5L GTDI V6 ECOBOOST	Any fuel compliant with Art. 252-9.1

Engine rpm	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500
Pboost ratio Max at 1010 mbar	1,63	1,65	1,67	1,69	1,70	1,71	1,72	1,75	1,75	1,75	1,72	1,64	1,55
Engine rpm	5750	6000	6250	6500									
Pboost ratio Max at 1010 mbar	1,49	1,43	1,39	1,35									

Declared minimum Lambda	0,89
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SSR 12. SPECIAL VEHICLE CATEGORY AND CLASSES

NOTES:

- Competitors contemplating the purchase or construction of a new vehicle for any of classes **FIA T1**, A, B, P or G must ensure that the specifications and design is acceptable to the SA Rally-Raid Championship and acceptance has been confirmed in writing and signed by both the CEO and the Technical Delegate. Refer Art 1.4 and 1.7.

12.7 Delete

SSR 13. PRODUCTION VEHICLE CATEGORY AND CLASSES

NOTES:

- Competitors contemplating the purchase or construction of a new vehicle for any of classes **FIA T1.1, T1.1+, T1.2**, T, S, D or E must ensure that the specifications and design is acceptable to the SA Rally-Raid and acceptance has been confirmed in writing and signed by both the CEO and the Technical Consultant. Refer Art 1.4,1.5, 1.7.

13.2 CLASS - FIA T1 VEHICLES

- 13.2.1 This category will conform entirely to FIA App J Art 285. Specific Regulations for Modified Cross Country Cars Group T1 *which includes classes T1.1(4x4) and T1.1+(4x4), as well as T1.2(4x2)* and all applicable FIA regulations, prescriptions and bulletins.
- 13.2.2 In **Category** FIA T1 the FIA regulations take precedence, unless a SSR specifies a different requirement for the FIA.
- 13.2.3 The Nissan T1.1 vehicles will be allowed to run the VK56 5600cc engine with **1850** kg minimum weight, and the VK50 engine with a 38mm restrictor.

ISSUED ON BEHALF OF THE MSA NATIONAL CROSS COUNTRY CAR CHAMPIONSHIP PROMOTER.

A handwritten signature in black ink, appearing to read 'Vic Maharaj', with a stylized flourish at the end.

VIC MAHARAJ
SPORTING SERVICES MANAGER

15th June 2022
162791/144