



# MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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## MSA CROSS COUNTRY CAR CIRCULAR 5 OF 2022

Affected parties should note that, as envisaged in GCR 67, MSA agrees that shorter notice is both appropriate and reasonable in this instance, the following amendments are hereby made, with immediate effect, to Part 2 of the 2022 MSA National Rally-Raid Championship Standing Supplementary Regulations:

### SSR 3 PERFORMANCE CONTROLS:

#### 3.4.3 SA RALLY-RAID CHAMPIONSHIP T1 SUPERCHARGED PETROL ENGINE LIST

Add the following FIA updated boost table:

##### 3.4.3.1 NEIL WOOLRIDGE MOTORSPORT.

CAR: Ford Ranger T1 with FORD 3.5 GTDI V6 ECOBOOST petrol engine

#### FIA updated boost curve 1:

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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MOTORSPORT SOUTH AFRICA IS THE ONLY RECOGNISED MOTORSPORT FEDERATION IN 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

**FIA updated boost curve 2:**

Date	T/C petrol engine number	Tuner	Base engine	Fuel
12/04/2022 Erratum 1 15/08/2022	2022-004	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	1,71	1,77	1,81	1,83	1,84	1,86	1,88	1,90	1,91	1,90	1,87	1,78	1,69

Engine rpm	5750	6000	6250	6500
Pboost ratio Max (-) at 1010 mbar	1,63	1,56	1,51	1,47
Declared minimum Lambda	0,89			

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



**VIC MAHARAJ**  
**SPORTING SERVICES MANAGER**

15<sup>th</sup> June 2022  
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