



# MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

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## MSA RALLY RAID CIRCULAR 2 OF 2024

Affected parties should note that the following additions are to be made to the MSA Rally-Raid SSRs with immediate effect:

### Part 2 Article 3.4 SA Rally-Raid Turbo Procedure

**3.4.1** In FIA Championship Cross Country events, the FIA requires engine calibration and homologation at the FIA appointed hub dyno in Allonzier-la-Caille, France. During international FIA races the FIA requires performance monitoring using a tailor-made Marelli data logger. For SARR events the monitoring procedure will be by way of the private area in the Motec M124 ECU specifically configured to mimic the FIA requirements, or any other data logger as specified by SARR.

**3.4.2** To assist entrants in the SARR T1 turbo classes with non-homologated engines, **MSA calibration and** performance monitoring may be done using a Motec M142 ECU and data logger.

**3.4.3.1** Add the following **MSA Maximum Boost Ratio** table to the **FIA** list of Maximum Boost Ratio tables:

Car: Red-Lined REVO T1+ GTR Date of Registration of the Engine	Engine number	Tuner	Base Engine	Fuel	Data Sheet
13/05/2024	VR38-046565A	Red-Lined	Nissan VR38 DETT	Amtec 102 octane	24 04 15 Nissan VR38 dyno data sheet

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



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**MSA Maximum Boost Ratio table continue**

Engine rpm	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250
Boost Ratio	1,700	1,697	1,691	1,685	1,683	1,681	1,690	1,716	1,747	1,716	1,671	1,616

5500	5750	6000	6250	6500
1,537	1,457	1,372	1,288	1,218

Declared minimum Lambda	0,88
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ISSUED ON BEHALF OF THE MSA SA RALLY-RAID CHAMPIONSHIP PROMOTER



**VIC MAHARAJ**  
**SPORTING SERVICES MANAGER**  
**17 MAY 2024**  
**163266/144**