



WORLD OF MOTORSPORT ZA

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MS - 2LITRE MODIFIED SALOON (TAR)

The rule of what is not specifically allowed is not permitted, refer to WOMZA Tar Oval Committee/Technical Consultants for further clarity on the matter.

Introduction:

Competitor age restriction: Competitors may enter in this class in the Year that they turn 16. Competitors with previous race experience may enter in this class from the year they turn 15 with a 3 event trial period.

<u>MS 1</u> 1.1 1.2 1.3 1.4	<u>Eligibility of vehicle and bodies</u> Any Saloon, GT or Coupe type car or body replicated, semi or full space framed version may be used, with the exception of station wagons and panel vans are prohibited; LDV's bodies may be used, with the following limitation which will not be negotiated; Front and rear wheel driven vehicles are permitted; Bodywork must be centrally placed on the chassis, it may not be offset;
<u>MS 2</u> 2.1 2.2 2.3 2.4 2.5	<u>General Safety</u> All other items not noted under the class regulations, shall be adhered to under race regulations and technical & construction regulations; Non Contact Racing Class; Ensure that all joints in construction are welded properly; Sump, gearbox and differential plugs are to be wired securely; Dual springs on throttles to be fitted, thus preventing throttle jams;
<u>MS 3</u> 3.1 3.2 3.3 3.4	<u>Bumpers:</u> No external steel bumpers permitted refer to internal bumper regulation; Internal bumper construction refer Technical and Construction regulations; Only plastic or fiberglass bumpers not exceeding 3 mm thickness may be fitted externally for cosmetic purposes only No piping to protrude outside of bodywork;
<u>MS 4</u> 4.1 4.2 4.3 4.4	<u>Brakes</u> Calipers are restricted to 4, 2 and single pot calipers. Race type calipers permitted; Master cylinders are free; Aftermarket pedal boxes may be used;

<u>MS 5</u> 5.1 5.2	<u>Construction and Roll Cage</u> Refer to T & C regulations; No engine off set allowed;
<u>MS 6</u> 6.1 6.2 6.3 6.4 6.5 6.6	<u>Dimension and Weights</u> Weight of the car including competitor shall be a minimum of 800kg. Wheelbase of the vehicle must be within 50mm of the original manufacturers prescribed specifications; and All four wheels of the vehicle must fit within the body of the vehicle, which determines the maximum dimensions; Maximum length and width of the vehicle shall include the wing and aerofoil, it follows Maximum length of the vehicle is 5000mm; Maximum width of the vehicle is 2000mm;
<u>MS 7</u> 7.1 7.2 7.3 7.3.1 7.3.2 7.3.3 7.3.4 7.3.5 7.3.6 7.3.7 7.3.8 7.3.9 7.4 7.4.1 7.4.2 7.4.3 7.4.4 7.4.5 7.4.6 7.4.7 7.4.8 7.4.9 7.4.10 7.4.11 7.5 7.5.1 7.5.2	<u>Engine and modifications</u> Any engine may be utilized provided it fulfills the following class criteria A minimum of 500 units were sold in South Africa Limitations 8 valve engines Maximum 2100cc; No forced induction Fuel injection systems free. Individual throttle bodies not exceeding 48mm on 8v engines No slide type throttle bodies permitted; Carburetors limited to 48mm, Choke tubes sizes are free; Cylinder heads are free Dry Sumps are permitted Roller Rockers permitted Modifications to the engine is free, unless stated elsewhere in the regulations; Limitations 16 Valve engines Restricted to 2L (plus 060) in standard form Plenum free Single Throttle Body (not exceeding 70mm) Management is free Exhaust is free Engine may be balanced Cylinder head may be skimmed Oil pump may be boosted Sump may be modified to prevent oil surge Oil restrictors may be placed in head or block Refer all further enquiries to governing body for written approval Engine positioning The rear face of the engine is where the bell housing and the engine meet; The rear face will not be more than 600mm back of centre line of the front wheels;
<u>MS 8</u> 8.1	<u>Exhaust</u>

8.2	All piping shall be secured with saddles, prevent exhaust pipes from coming free in the event of it break off; Exhaust tail pipes passing out the sides of the vehicle may only do so at a maximum height of 450mm, measured from the top of the pipe to the ground;
MS 9	<u>Fuel</u>
9.1	Methanol, Avgas, Racing and Pump fuel allowed.
9.2	Methanol lubricants may be used such as Castrol R40 or castor oil;
MS 10	<u>Steering and suspension</u>
10.1	Steering rack are free
10.2	Suspension design is free but limited to either commercially available suspension uprights as fitted to vehicles described in item 1.1 above or locally fabricated components;
10.3	Adjustable spring platforms may be fitted;
10.4	Competition springs are permitted;
10.5	The use of rose type joints are permitted;
10.6	Shock absorbers are free but may have only one adjustment for either bump or rebound;
10.6.1	The total limit permitted is 4, with one per corner;
10.6.2	No remote shock absorber reservoirs may be used;
10.7	Power steering is permitted;
10.8	Suspension may be designed with an off set;
10.9	A maximum of 6 links may be used on the rear suspension;
10.10	Independent rear suspensions are permitted;
MS 11	<u>Transmission and drive train</u>
11.1	Gearboxes free;
11.2	Gear ratios are free;
11.3	Limited slip diff are allowed;
11.4	Flywheels free
11.5	Clutches and pressure plates free
MS 12	<u>Wheels and tyres</u>
12.1	Restricted to 205/60/13 Yokohama A048 Semi slick tyres and Bridgestone 15 inch semi slick tyres only.
12.2	Under No circumstances may any name or size be buffed off from the tyre walls;
12.3	All tyres have to be presented at scrutineering;
12.4	Each Competitor is restricted to 6 new tyres per National Championship Series only.
MS 13	<u>Wings</u>
13.1	Wings are optional
13.2	Wing designs, positioning and sizes are free with the following restrictions
13.2.1	Wing may not protrude beyond the sides of the vehicle
13.2.2	Wing endplates may not exceed 500 x 500mm and may be offset to each other.