



WORLD OF MOTORSPORT ZA

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NATIONAL MOTOR SPORT FEDERATION
WITH INTERNATIONAL FEDERATION AFFILIATION

2021

2021 SUPER SALOONS TAR*

Introduction:

Competitors may enter this class from the Year they turn 15 without exception

SS 1	<u>Eligibility of vehicle and bodies</u>
1.1	Any saloon, GT or Coupe type car or body replicated, semi or full space framed version may be used. Station wagons and Panel Vans are prohibited
1.2	LDV's bodies may be used with a 1 Ton max capacity
1.3	Front and rear wheel drive vehicles are permitted
1.4	Bodywork must be centrally placed on the chassis, it may not be offset
1.5	Any drive train, cooling, axle or brake component may be used
1.6	Cars can be converted from right hand drive to left hand drive
SS2.	<u>Engine</u>
2.1	Any modification may be made to engine and gearbox
2.2	Only 6 (six) and 8 (eight) cylinder engines with a maximum of 410 cubic inch
2.3	Turbo chargers, Super Chargers are free
2.4	Flywheels and clutches are free
2.5	Car must be self-starting
2.6	Alternators and charging systems are free
SS 3.	<u>Engine Position</u>
3.1	Mid mounted engines are not permitted
3.2	Rear face of the engine, where the bell housing and engine meet, will not be more than 1000mm back of the center line between the front wheels.
3.2	No engine off set is allowed;
SS 4.	<u>Brakes</u>
4.1	Brakes on all 4 (four) wheels compulsory and in working condition
4.2	No ABS or electronic driving aids permitted
4.3	Brake balancing permitted
4.4	Aftermarket brake calipers may be used – Total pots per calipers are free
4.5	Multiple Calipers permitted
4.6	Aftermarket pedal boxes maybe used
4.7	Brake master cylinders are free
SS 5.	<u>Dimension and Weights</u>
5.1	6 cylinders minimum of 950kg including driver
5.2	6 cylinders with Turbo chargers minimum of 1000kg including the driver
5.3	8 cylinders minimum of 1050kg including driver
5.4	Maximum width 2200mm

5.5	Maximum wheel-base 2900mm.
5.6	All 4 (four) wheels must fit within the body of the vehicle
SS 6.	<u>Carburation's and Fuel pumps</u>
6.1	Fuel injections systems are permitted
6.2	Carburetors are open
6.3	No slide throttles are permitted
6.4	Fuel pumps are free
SS 7.	<u>Exhaust</u>
7.1	All piping shall be secured with saddles, prevent exhaust pipes from coming free in the event of it break off
7.2	Exhaust tail pipes passing out the side of the vehicle may only do so at a maximum height of 450mm, measured from the top of the pipe to the ground; and must be level or face downwards
7.3	Branches are free
7.4	Exhaust must have silencer and must comply to noise level restriction of 108 decibels
SS 8.	<u>Fuel</u>
8.1	Fuel is free
8.2	Methanol lubricants may be used such as Castrol R40 or Castor Oil
SS 9.	<u>Steering and Suspension</u>
9.1	Steering racks and steering boxes are free, quick ratio versions maybe used
9.2	Suspension design is free
9.3	Shocks are free
9.4	Competition springs are permitted
9.5	Rose joints are permitted
9.6	Only 4 shocks permitted – one per corner
9.7	Suspension maybe design with an offset;
SS 10.	<u>Bumpers</u>
10.1	Original steel bumpers permitted on original steel body cars
10.2	Internal bumpers on space frames refer Technical and Construction Regulations
10.3	Only plastic or fiberglass bumpers not exceeding 3mm thickness may be fitted externally for cosmetic purposes only, no steel reinforcing permitted
10.4	No piping to protrude outside of bodywork
SS 11.	<u>Wheels and Tyres</u>
11.1	Tyres are open.
11.2	Rim sizes from 13" up to 16"
11.3	Specific championship regulations to place restrictions on tyre allocations.
11.4	Competitors may not use more then 6 tyres per event.
SS 12.	<u>Wings</u>
12.1	Wings are optional
12.2	Wing designs, positioning and sizes are free with the following restrictions
12.2.1	Wing may not protrude beyond sides of vehicle
12.2.2	Wing endplates may not exceed 500 x 500mm and may be offset to each other.