



## **2022 SUPER SALOONS TAR**

### **Introduction:**

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

<b>SS 1</b>	<b><u>Eligibility of vehicle and bodies</u></b>
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;
<b>SS 2.</b>	<b><u>General Safety</u></b>
2.1	All other items not noted under the class regulations, shall be adhered to under race regulations and technical & construction regulations;
2.2	Non-Contact Racing Class;
2.3	Ensure that all joints in construction are welded properly;
2.4	Sump, gearbox and differential plugs are to be wired securely;
2.5	Dual springs on throttles to be fitted, thus preventing throttle jams;
<b>SS3.</b>	<b><u>Engine</u></b>
3.1	Any modification may be made to engine and gearbox;
3.2	Only 6 (six) and 8 (eight) cylinder engines with a maximum of <b>360</b> cubic inch;
3.3	Turbo chargers, Super Chargers are free on <b>6 cylinder engines only</b> ;
3.4	Flywheels and clutches are free;
3.5	Car must be self-starting;
3.6	Alternators and charging systems are free;
<b>SS 4.</b>	<b><u>Engine Position</u></b>
4.1	Mid mounted engines are not permitted;
4.2	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.
<b>SS 5.</b>	<b><u>Brakes</u></b>
5.1	Brakes on all 4 (four) wheels compulsory and in working condition;
5.2	No ABS or electronic driving aids permitted;
5.3	Brake balancing permitted;
5.4	Aftermarket brake calipers may be used – Total pots per calipers are free;
5.5	Multiple Calipers permitted;
5.6	Aftermarket pedal boxes may be used;
5.7	Brake master cylinders are free;
<b>SS 6.</b>	<b><u>Construction and Roll Cage</u></b>

6.1	Refer to T & C Regulations;
6.2	No engine off set is allowed;
<b>SS 7.</b>	<b><u>Dimension and Weights</u></b>
7.1	6 cylinders minimum of 950kg including driver;
7.2	6 cylinder with Turbo chargers minimum of 1000kg including the driver
7.3	8 cylinders minimum of 1050kg including driver;
7.4	Maximum width 2200mm;
7.5	Maximum wheel base 2900mm;
7.6	All 4 (four) wheels must fit within the body of the vehicle;
<b>SS 8.</b>	<b><u>Carburation's and Fuel pumps</u></b>
8.1	Fuel injections are permitted;
8.2	Carburetors are open;
8.3	No slide throttles are permitted;
8.4	Fuel pumps are free;
<b>SS 9.</b>	<b><u>Exhaust</u></b>
9.1	All piping shall be secured with saddles, prevent exhaust pipes from coming free in the event of it break off;
9.2	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
9.3	Branches are free;
9.4	Exhaust must have silencer and must comply to noise level restriction of 108 decibels;
<b>SS 10.</b>	<b><u>Fuel</u></b>
10.1	Methanol, Ethanol (50/50 pump fuel/ethanol blend only), Avgas, Racing Fuel and Pump Fuel is permitted with no performance enhancing additives Lubricating additives may be added to Methanol and must be reflected in the competitors sign on sheet by listing the additive and mix ratio,
10.2	No nitro "No2" allowed;
10.3	Methanol lubricants may be used such as Castrol R40 or Castor Oil;
<b>SS 11.</b>	<b><u>Steering and Suspension</u></b>
11.1	Steering racks and steering boxes are free, quick ratio versions maybe used;
11.2	Suspension design is free;
11.3	Shocks are free;
11.4	Competition springs are permitted;
11.5	Rose joints are permitted;
11.6	Only 4 shocks permitted – one per corner;
11.7	Suspension maybe design with an offset;
<b>SS 12.</b>	<b><u>Bumpers</u></b>
12.1	Original steel bumpers permitted on original steel body cars;
12.2	Internal bumpers on space frames refer Technical and Construction Regulations;
12.3	Only plastic or fiberglass bumpers not exceeding 3mm thickness may be fitted externally for cosmetic purposes only, no steel reinforcing permitted;
12.4	No piping to protrude outside of bodywork;
<b>SS 13.</b>	<b><u>Wheels and Tyres</u></b>

13.1	Tyres are open.
13.2	Rim sizes from 13" to 16" and up to 11" wide;
13.3	Restricted to 6 tyres for National Championship series
<b>SS 14.</b>	<b><u>Wings</u></b>
14.1	Wings are optional
14.2	Wing designs, positioning and sizes are free with the following restrictions
14.2.1	Wing may not protrude beyond sides of vehicle
14.2.2	Wing endplates may not exceed 500 x 500mm and may be offset to each other.
14.2.3	Dirt wings are allowed.