

All Comers Class TAR 2021

Introduction:

Any road going vehicle, Engines may not exceed 3000 cc after reboring to maximum Manufacturer specification

Carburetor or Fuel injection (Standard ECU)

Driving both directions

Draw - Heat 1

Pole Invert Heat 2

Heat 3 - most points at the back

Heat 4 - most points for the season at the back

<u>SRT1</u>	<u>Car construction</u>
1.1	Only vehicles of a road going use are permitted
1.2	Space Frame and Semi Space frame Vehicles are not permitted
1.3	Chassis and Sub Frame must exist in its entirety
1.4	Repaired Chassis may only be done with materials not exceeding 1 mm thickness
1.5	Silhouette to remain unaltered
1.6	Spacers are permitted
1.7	Sunroof openings to be closed
1.8	Bonnets may be cut to accommodate air cleaners
1.9	Spare wheel well may be removed and closed off with sheeting not thicker than 2mm
1.10	Firewall may be cut to accommodate the Carburetor and Exhaust system only
1.11	Front grill plate may be reinforced by plating no thicker than 1 mm; A tubular brace, not exceeding 38x2mm, may run from the forward face of the strut tower towards a point behind the front grill plate, then pass between the upper section of the radiator and this grill plate before returning to the remaining strut tower. It may be attached to the grill plate by means of welding or with purpose-built brackets. This pipe MAY NOT be placed in front of this grill plate.
1.12	All interior trim must be removed
1.13	Inner door panels may be removed
1.14	Rear of car may be closed with plating to create separate compartment for the fuel tank;
1.15	Use of fiberglass panels for doors, fenders, bonnet and boot is permitted Wheel arch spads are permitted. The overall width of the spad, including the original manufacturers spad may not exceed 90mm wider than the widest point of the front door of the vehicle's
1.16	Skirts permitted – Skirts may not protrude beyond the width of the widest point of the wheel spat and must be made off at the front and rear by joining into the spat or being tapered towards the original skirt gradually without creating a dangerous point. Material may not exceed 2mm thick. Round tubular skirts are permitted provided they do not exceed a width of the spad, are made from a material not exceeding 38x2mm x 38x2mm and are rounded off towards the body at the back and front of the structure and are supported at only two points additional point
1.17	All 4 wheels of vehicle must fit within the body of vehicle incl vehicles with spats
1.18	Fiberglass body repairs are permitted
1.19	Door inner and frames may be removed
1.20	Top of wheels may not protrude beyond the spads when viewed from above
1.21	Aftermarket bumpers permitted, provided it fits on bumper stiffer - no pipes allowed inside bumper

1.22	Engines must be mounted in original position
1.23	Fuel Tanks must be covered if they are not placed behind “boot plate”
1.24	Modifications that are unclear must be taken up in writing with respective Technical Consultants. Such modifications are only permitted once this has been discussed with the Chairman and the Technical Consultants, and will be published with a circular once approved
SRT2.	<u>Roll cage and frame</u>
2.1	Roll cage refer to Technical Regulations
2.2	Full roll cage to be fitted, may support rear of front strut tower, but not further than rear strut tower
2.3	Strut braces are permitted between lower control arms and between strut towers.
SRT3.	<u>Brakes</u>
3.1	Brakes should remain standard
3.2	Ventilated discs allowed if factory fitted only
3.3	No modified pedal boxes are permitted
3.4	ABS brakes are not permitted, unless they are standard to the model
3.5	No rear disk brakes to be fitted unless they were standard for that model
3.6	Cars with brake drums in front may be changed with a later model disc brake of the same manufacturer
3.7	Brake boosters may be fitted
SRT4.	<u>Dimension and Weights</u>
4.1	Minimum weight of a stock rod will be 950kg including the driver
4.2	All dimensions and specifications must be according to the manufacturer’s specifications as records by the Auto Data Digest unless there is proof of any error in the Auto Data Digest.
SRT5.	<u>Engine</u>
5.1	Engines may not exceed 3000 cc after reboring to maximum Manufacturer specification
5.2	The engine make does not have to match the vehicle type , Interchange is allowed
5.3	Flywheels from other models of the same Manufacturer may be utilized.
5.4	Cylinder heads may only be used in combination with the block as per original Manufacturers spec.
5.5	Fuel injection are permitted fitted with standard ECU
5.6	Carburetor is allowed
5.7	Air cleaner is free
5.8	Alternator pulleys are free
5.9	Intake manifolds are to remain standard; Original casting marks to remain.
5.10	No aftermarket manifolds permitted.
5.11	Adapter plate between carburetor and intake manifold is permitted; The design on this adaptor plate is free
5.12	Intake and exhaust port on cylinder head are to remain standard
5.13	Air intake ducting will be permitted
5.14	Electric water pumps are permitted
5.15	Flex plates are not permitted
5.16	Flywheels to remain standard
5.17	Balancing of engines parts is permitted.
5.18	Crankshafts to remain standard
5.19	Valves must be standard
5.20	Valve springs are free
5.21	Valve guides must be standard
5.22	Sumps may be modified to prevent oil surge
5.23	The oil pick-up may be redirected

5.24	Windage trays are permitted
SRT6.	<u>Exhausts</u>
6.1	Branches are permitted
6.2	Effective silencers are compulsory
SRT7.	<u>Fuel</u>
7.1	Only pump fuel is permitted (95 Unleaded)
7.2	Ethanol based pump fuels may not be utilized
SRT8.	<u>Steering and suspension</u>
8.1	Only commercially available steering racks and steering boxes are allowed, but to remain standard to the vehicle, without modifications
8.2	No quick ratio versions are allowed
8.3	No adjustable shock absorbers are allowed
8.4	Any over the counter shock absorbers is allowed
8.5	Rear suspension must remain standard but can be lowered by heating or cutting of the springs
8.6	LDV's and rear wheel drive vehicles can make modifications on the rear springs
8.7	Coil springs are restricted to springs originating from any road going Saloon. Springs may be cut to lower vehicle
8.9	Competition Springs and Lowering kits are NOT permitted
8.10	On drivers side a 125mm block must pass under the skirt, excluding the lip edge, from end to end, with the Competitor in the vehicle
8.11	Camber on rear wheels not to exceed 1.5 degrees.
8.12	Rear Wheel alignment may not exceed 2mm when measured with a tracking bar at a position along the front and rear of the outer edge of the rims on the axle in race conditions.
SRT9.	<u>Transmission</u>
9.1	Only standard gearboxes as fitted in factory are allowed
9.2	Gearboxes may be interchanged for ratio purposes.
9.3	Diffs may be locked
SRT10.	Limited Slip Diffs and variations thereof are not permitted
10.1	<u>Wheels and Tires</u>
10.2	Any readily available road going tire permitted
10.3	195 & 205 profile permitted
SRT11.	Competitors may not use more than 6 tires an event.
11.1	<u>Wings</u> Wings not permitted