

WA State Speed Event Series – 2021 Class Descriptions

ROAD CAR CLASS

1. ELIGIBLE AUTOMOBILES

(a) The class is for road registered and unmodified production cars meeting the original manufacturer's specifications. Exotic, Four Wheel Drive Turbo, Clubman, Kit Car and Replica are not permitted to be entered in the Road Car Class. A Road Car may be eligible for another class.

(b) Permitted automobile types include open sports (with mudguards), sports coupes, sedans, station wagons, utilities and vans.

(c) Each automobile must be as originally specified by the manufacturer except for the specific freedoms allowed herein.

(d) Each automobile must be Road Registered and, apart from any freedom specifically mentioned in these regulations, no modification is permitted to be made to the automobile during competition that would render it ineligible for such registration.

(e) Each automobile must comply with the General Requirements for Cars and Drivers in the Motorsport Australia Manual. Modifications necessary to comply with these requirements are permitted. Where freedom is permitted to fit nominated or recognised parts, such freedom is strictly limited to such components themselves and it is not permitted to modify other components, save by the drilling of holes for mounting purposes.

(f) It is permitted to remove or conceal a registration number plate. Valid Registration document/s must be available for inspection by the Event Secretary and when the vehicle is presented for scrutineering to verify both the ownership of the vehicle and that the vehicle is Road Registered.

(g) Components considered a Factory extra are permitted.

2. BODYWORK

2.1 General

(a) The spare wheel and associated tools may be removed.

2.2 Internally

(a) Safety equipment and cosmetic or comfort accessories may be added, provided that they do not improve the performance of the vehicle.

(b) Additional instruments and switches are permitted and may be fitted to a separate panel.

(c) The driver's seat may be replaced with a non-standard seat that is commercially available and permitted in a Road Registered vehicle. The front passenger's seat may also be replaced provided that the replacement seat is equivalent to or better than the seat replacing the driver's seat. Seat supports may be modified to enable fitment of an allowable replacement seat. Any rear seat or seats may be removed.

2.3 Externally

(a) Additional headlights (e.g. fog lights and driving lights) are permitted.

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3. ENGINE

- (a) The engine may be reconditioned in accordance with the manufacturer's repair manual and specifications.
- (b) It is permitted to add baffle plate/s to the removable section of the engine oil pan or sump.
- (c) Each condenser, ignition coil, filter element, spark plug, lead, fan belt, radiator hose and gasket is free.
- (d) It is permitted to replace the engine exhaust system only with such replacement components of the same configuration and diameter as the original.
- (e) No EMS modifications are permitted.

4. TRANSMISSION

Clutch linings are free, as is their method of attachment.

5. BRAKES

Brake linings and rotors are free provided that the diameters of the rotors are not increased.

6. SUSPENSION

It is permitted to adjust the wheel alignment in accordance with the manufacturer's recommendations and/or normal wheel alignment principles.

7. FUEL

Only Commercial Fuel in accordance with Schedule G of the Motorsport Australia Manual is permitted.

8. WHEELS AND TYRES

8.1 Wheels It is permitted to replace each wheel only with such a wheel that is equivalent to the original manufacturer's size and mounting specifications.

8.2 Tyres Only tyres which are compliant with the Production Car Tyre List for Speed Events in Schedule E of the Motorsport Australia Manual are permitted to be used. Tyre size must comply with the original manufacturer's specifications in respect to width and aspect ratio.

https://www.motorsport.org.au/docs/default-source/manual/general-requirements/2021/schedule-e---wheels-and-tyres.pdf?sfvrsn=7c323305_2

8.3 Tyre Tread At no time prior to the commencement of a competition may any tyre tread wear indicator as provided by the tyre manufacturer be exposed. In all areas where there is no indicator the original tread pattern must be clearly visible except on the shoulder of the tyre where localised wear may occur.

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PRODUCTION SPORTS CAR CLASS

1. ELIGIBLE AUTOMOBILES

https://www.motorsport.org.au/docs/default-source/manual/race/2021/ra16-group-2b-2f-eligible-vehcile-list.pdf?sfvrsn=b97d0107_5

Due to running a separate Clubman class, Clubman type vehicle are ineligible to enter this class

Below are the Motorsports Australia class allowances

https://www.motorsport.org.au/docs/default-source/manual/race/2021/ra16-group-2b.pdf?sfvrsn=40bdf46e_5

CLUBMAN CLASS

1. ELIGIBLE AUTOMOBILES

All clubman style vehicles are to run in this class including homemade and factory built

FORMULA LIBRA

1. ELIGIBLE AUTOMOBILES

https://www.motorsport.org.au/docs/default-source/manual/speed/2021/sp02-formula-libre-for-speed-events.pdf?sfvrsn=e4cd82e7_4

https://www.motorsport.org.au/docs/default-source/manual/general-requirements/2021/schedule-a-and-b.pdf?sfvrsn=b961daaf_2

TARMAC RALLY CAR 2WD AND 4WD

Tarmac rally car is based on the below Targa Australia rule, there are quite a lot of freedoms under this rule set

While we aren't enforcing roll cages in this class it is still highly recommended

<https://console.targa.com.au/includes/SiteEd/safeDoc.php?g=EDBD3AF7-3C85-4DB1-A2CD-20CBC9BDFA14>

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OUTRIGHT SEDAN 2WD AND 4WD

This class is for cars that do not comply with the above classes or for anyone who chooses to run here if they decide it is the best fit for them

https://www.motorsport.org.au/docs/default-source/manual/general-requirements/2021/schedule-a-and-b.pdf?sfvrsn=b961daaf_2

Roll cages are not mandatory but highly recommended