

SPORTS PRODUCTION CLASS

5.1 ELIGIBLE AUTOMOBILES

With the exception of any *Automobile* fitted with a rotary engine, an engine with more than 6 cylinders, an engine with multiple carburettors, a *Supercharged* (e.g., turbo) engine or All Wheel Drive, any sports production closed body *Automobile* mass produced and commercially available in Australia is eligible.

5.2 BODY WORK

5.2.1 Except for any bodywork modification approved by the Chief Scrutineer, it must remain standard, however:

Interior trim may be removed,

A replacement fibreglass body panel is permitted provided it is of identical shape to the original,

The inner door skin may be removed.

5.3 WHEELS AND TYRES

Each sports production class *Automobile* must use a tyre in accordance with the requirements of the Technical Appendix Schedule E of the *Manual*.

Wheel rim diameter may be increased or decreased by not more than 1 inch.

Each tyre must be of radial ply construction. Each tyre must be commercially available and have a speed rating up to and including R rating and be of a section width appropriate to the wheel rim width with an aspect ratio of not less than 50%. The tread depth indicator of each tyre must not be exposed at the start of any *Competition*.

At the discretion of the Chief Scrutineer each tyre must have a "*Department of Transport*" mark visible. Any retread tyre must have a factory moulded tread pattern (i.e., not "hand cut"), and be 140 km/h speed rating. A retread tyre is not permitted in *Competition* on a bitumen circuit.

Note: Any *Competitor* unsure of tyre eligibility should contact the Eligibility Officer of the SCMSA for advice.

5.4 SUSPENSION AND BRAKES

Any suspension and brake modification is permitted; however, each original suspension mounting point must be used. Any Panhard rod, sway bar or tramp-rod is permitted if fitted by the manufacturer.

5.6 OIL COOLER AND RADIATOR

An oil cooler or larger or additional radiator may be fitted and must be located within the engine bay.

5.7 ENGINES

5.7.1 The engine must be of a type and capacity as fitted by the manufacturer of the *Automobile*, e.g., Commodore engine in any Commodore and Falcon engine in any Falcon.

5.7.2 The location of the engine must be as per the manufacturer's specification.

5.7.3 Emission equipment may be removed.

5.7.4 The carburettor must be externally standard. Any fuel injection system must be unmodified.

5.7.5 Any exhaust extractor converting into one pipe is permitted.

5.7.6 Except for a sports coil the standard distributor and ignition system for the make and model of *Automobile* must be unmodified.

5.7.7 A non-standard electric fuel pump and/or electric fan is permitted.

5.7.8 An engine may be balanced.

5.7.9 A larger capacity sump is permitted.

5.8 TRANSMISSION

5.8.1 The transmission must be of a type as originally fitted by the manufacturer to that model of *Automobile*. The gear lever position may be changed, and may be replaced by a floor shift mechanism and vice versa.

5.8.2 A locked or LSD is permitted subject to the original rear axle housing as fitted by the manufacturer being used, otherwise, no modifications are permitted.