

# PART 2 SCHEDULE SP<sup>©</sup>

## Sport Saloons Cup Race Series TECHNICAL REGULATIONS 2017 - 2018

### PREAMBLE

The overlaying philosophy of Sport Saloons is that it is an enjoyable, low-budget class of saloon / GT racing, and all participants are expected to abide by the spirit of this philosophy. Remember that the well being and growth of the class depends on the honesty and integrity of the participants and the Committee does not wish to be put in the position of having to exclude race cars from race meetings on the grounds of non-compliance with the regulations.

### COMPETITOR RECORD OF AMENDMENTS ISSUED TO THIS SCHEDULE

Use this table to keep a record of all official 'Manual / Championship Amendments' issued during the season relative to this Schedule;

Amendment Number	Issue/Effective date	Regulation reference	Subject / Notes

## 1.0 GENERAL INFORMATION RELATIVE TO THIS SCHEDULE

- 1.1 This Schedule shall be read in its entirety and shall take precedence over Appendix 2 Schedule A of the 'National Sporting Code' excepting where an item is not specifically covered within Schedule SP, in which case Appendix 2 Schedule A will apply.
- 1.2 All text changes from the previous issue of this Schedule are highlighted such. Text changes for grammatical and/or formatting reasons are not highlighted.
- 1.3 All cars competing in Events to which these regulations apply shall have a valid MotorSport NZ logbook.
- 1.4 **TECHNICAL ELIGIBILITY AND SAFETY EQUIPMENT ENQUIRY:** Where any doubt may exist in understanding any regulation contained within this Schedule it will be understood that it is the Competitors obligation to enquire as to the correct interpretation. All technical eligibility and/or safety equipment enquiry shall be submitted in writing to:
- (1) The Series Scrutineer, as detailed in the Series Articles, then to
  - (2) The MotorSport NZ Technical Manager
- All enquiries should detail the article in question and the specific subject matter.
  - A written reply will always be given to a written enquiry.
  - On matters of technical eligibility and/or safety compliance, a verbal statement will have no validity.

## 2.0 DEFINITIONS

- 2.1 Definition of terms used within this Schedule shall be referenced from the National Sporting Code, Appendix Two Schedule A, and as detailed below:
- 'Lightweight'** means constructed of materials that are lighter than the Original or a component, which has had material, removed.
- 'Original'** means the factory fitted part for that make, model and year.
- 'Race trim'** means the condition in which the car competes, and shall include all fluids, ballasts and the driver.

## 3 ELIGIBLE VEHICLES

- 3.1 Vehicles eligible to compete in this series shall be closed vehicles of a Saloon or GT type, with a minimum vehicle height from the ground (excluding any aerodynamic aids or antennae) of 1100mm as measured to the highest point of the roofline. Such measurement shall be done with the vehicle in 'Race Trim'.
- 3.2 All vehicles must have provision for two(2) or more seats.
- 3.3 Vehicles are categorised into the following classes as detailed in the Series Articles:
- **Class A**
  - **Class B**
  - **Class C**

## 4.0 SAFETY EQUIPMENT REQUIREMENTS

- 4.1 The following safety equipment **shall** be fitted to the competing car:
  - 4.1.1 A full safety cage shall be installed. The safety cage shall be in full compliance with Schedule A requirements.
  - 4.1.2 A competition seat, a safety harness, and a fire extinguisher shall be installed, in full compliance with Schedule A.
- 4.2 **Rain light/s:** A rain light shall be installed in compliance with Schedule A.
- 4.3 The following safety equipment **may** be fitted to the competing car:
  - 4.3.1 It is recommended that rear wheel drive vehicles be fitted with safety hoops surrounding the centre drive shaft.

## 5.0 BODYSHELL, VEHICLE EXTERIOR and SUB-FRAMES

- 5.1 Suspension and/or steering mounts may be repositioned from their *original* position, and/or reinforced and/or modified.
- 5.2 Body jacking points may be added.
- 5.3 Strut braces may be fitted, but must be bolted in.
- 5.4 Alterations may be made to the firewall for clearance purposes.
- 5.5 Wheel arches may be reshaped and/or mudguard flares fitted, in compliance with Schedule A.
- 5.6 The spare wheel well may be removed provided a neat and tidy cover is installed.
- 5.7 Sub-frame and/or tunnel braces may be replaced, removed and/or fitted.
- 5.8 Radiator support panels and/or headlight support panels may be modified.
- 5.9 The transmission tunnel may be modified.
- 5.10 Under-seal may be removed.
- 5.11 Joints may be seam welded or spot-welded.
- 5.12 Bodyshell exterior must be neat and finished.
- 5.13 Mirrors are free, in compliance with Schedule A, provided that external mirrors are fitted to both sides of the vehicle.
- 5.14 Sump and/or fuel tank guards may be fitted or replaced.
- 5.15 **Lightweight** replicas may replace front mudguards, bumpers, boot-lids or hatches, doors, bonnets, and side and rear glass.
- 5.16 The fitting of bonnet vents and/or power bulges and/or scoops to bonnets is permitted in compliance with Schedule A.
- 5.17 **Aerodynamic Devices:** May be fitted in compliance with Schedule A.

## 6.0 VEHICLE INTERIOR

- 6.1 The *original* dash assembly may be removed.
- 6.2 All interior trim and seats, window winding mechanisms, heater, air-conditioning and accessories, mirror/s, gauges, switches, bonnet, boot and door latches may be removed or replaced.
- 6.3 Cockpit ventilation is free.

## 7.0 ENGINE SPECIFICATIONS

- 7.1 Engines, including induction system and exhaust system are free in compliance with Schedule A.
- 7.2 Ignition, ECU, cooling, lubrication and mounts are free.

## 8.0 FUEL SYSTEM

- 8.1 Free, in compliance with Schedule A.
- 8.2 **Fuel:** The only fuels authorised for use in competing vehicles at any Round of this Series is as per Appendix Two, Schedule A, Article 3.9.

## 9.0 TRANSMISSION

- 9.1 Gearboxes are free. Sequential shift operation is permitted.
- 9.2 Clutch, differential/s, drive-shaft/s, drive-joints, and mounts are free.

## 10.0 ELECTRICAL SYSTEM

- 10.1 Components, accessories and wiring free, in compliance with Schedule A.
- 10.2 Brake lights and rear / rain light(s) must be fitted in compliance with Schedule A and must remain operational at all times.
- 10.3 No aspect of the car may be adjusted remotely via telemetry once the car is on the track.

## 11.0 SUSPENSION

- 11.1 Springs, platforms, uprights and/or struts, dampers, links, bushes, joints, anti-sway bars, anti-sway bar links/mounts/bushes are free.
- 11.2 A panhard rod or Watts linkage may be fitted / replaced on live rear axle housings.
- 11.3 Live rear axle housings may be converted to run coil over spring setups.

## 12.0 BRAKING SYSTEM

- 12.1 Free, in compliance with Schedule A.

### **13.0 STEERING**

13.1 Free, in compliance with Schedule A.

### **14.0 ROAD WHEELS**

14.1 Free, in compliance with Schedule A.

### **15.0 TYRES**

15.1 Tyres are free, in compliance with Schedule A.

15.2 When an announcement regarding wet weather conditions, as detailed in Appendix 4, Schedule Z, Article 10.10 of the current New Zealand MotorSport Manual, is made by the Event Director or Clerk of the Course, treaded tyres, compliant with Appendix 2, Schedule A, must be used.

### **16.0 GENERAL**

16.1 Nuts, bolts, circlips, pins, springs, clips, paintwork, coolants and lubricants are free.