

SHORT CIRCUIT MOTOR SPORT ASSOCIATION INC.

ABN 52 502 752 630



SHORT CIRCUIT TOURING CARS

GENERAL REGULATIONS & VEHICLE SPECIFICATIONS

Revised 1 January 2021
Includes Amendment 1

**Adopted by
Downs Motorsport Club Inc.
Ipswich West Moreton Auto Club Inc.
Millmerran Auto Club Inc.
Stanthorpe & District Sporting Car Club Inc.
Tamworth Sporting Car Club Inc.**

\$10.00

CONTENTS	PAGE
AFFILIATED CLUBS & ADDRESSES:	3
CIRCUITS:	3
PART 1 GENERAL REGULATIONS:	
AUTHORITY	4
AUTHORITY TO CONDUCT AN EVENT	4
PROMOTER	4
EVENT ORGANISERS	4
EVENT DESCRIPTION	5
TO BE ADVISED IN SUPPLEMENTARY REGS	5
JUDGES OF FACT.....	5
LODGING AN ENTRY	5
PARENTAL CONSENT	5
PERSONS ELIGIBLE TO ENTER.....	5
LICENCE REQUIREMENTS	5
SCRUTINEERING	6
DRIVER'S BRIEFING	6
PRACTICE	6
STARTING POSITIONS	6
FLAG SIGNALS	7
RED FLAG SITUATION IN AN EVENT	7
LIGHT SIGNALS.....	8
INSURANCE	8
PROTESTS	8
ABANDONMENT.....	8
USE OF PROHIBITED SUBSTANCES.....	8
USE OF SOCIAL MEDIA.....	8
CLASSES	9
PENALTIES	9
SAFETY – DRIVERS	9
SAFETY – CARS	9
DETERMINATION OF WINNERS	9
POINTS ALLOCATION	9
AWARDS	10
TWO WAY RADIOS IN COMPETITION VEHICLES.....	10
PART 2 VEHICLE REGULATIONS - GENERAL REQUIREMENTS	
ELIGIBILITY	11
ROLL OVER PROTECTION	11
SAFETY HARNESS	11
SEATS	11
WIPERS AND WASHERS	11
LOCK RINGS	11
BATTERIES	11
HOOD SAFETY CATCH	11
FIRE EXTINGUISHERS	11
COMPETITION NUMBERS	11
PERMANENT COMPETITION NUMBERS	12
SAFETY WINDOW NETS	12
APPEARANCE	12
FUEL	12
EXHAUST SYSTEMS	12
OIL CATCH TANKS	12
COOLING SYSTEM	12
TYRES	12
TOW POINTS	12
PART 3 CLASSES:	
JUNIOR CLASS.....	13
IMPROVED PRODUCTION CLASS	14
SPORTS PRODUCTION CLASS	15
SPORTS SEDAN CLASS	16

SHORT CIRCUIT MOTOR SPORT ASSOCIATION *Inc.* **Affiliated Clubs and Circuits**

S.C.M.S.A. The Secretary
Short Circuit Motor Sport Association *Inc.*
P.O. Box 2456
TOOWOOMBA QLD 4350 Mobile: 0409 270 430
E-mail: secretary@scmsa.com.au
Website: www.scmsa.com.au

The clubs below are affiliated with the Short Circuit Motor Sport Association and have adopted the following regulations and vehicle specifications for Short Circuit Touring Car Speed Events.

- | | | | |
|----|------------|---|----------------|
| a) | D.M.C. | The Secretary
Downs Motor Sport Club
PO Box 660
Warwick QLD 4370
Website: www.downsmotorsportclub.com | |
| b) | I.W.M.A.C. | The Secretary
Ipswich West Moreton Auto Club <i>Inc.</i>
P.O. Box 112
IPSWICH QLD 4305
Website: www.iwmac.org.au | |
| | | CIRCUIT: Willowbank Park, Ipswich | Unsealed |
| c) | M.A.C | The Secretary
Millmerran Auto Club <i>Inc.</i>
PO Box 5
BROOKSTEAD QLD 4364
Website: www.millmerranautoclub.com | |
| | | CIRCUIT: Reserve Raceway, Millmerran | Unsealed |
| d) | S.D.S.C.C. | The Secretary
Stanthorpe & District Sporting Car Club <i>Inc.</i>
P.O. Box 83
STANTHORPE QLD 4380
Website: www.carnellraceway.com.au | |
| | | CIRCUIT: Carnell Raceway, Stanthorpe | Bitumen Sealed |
| e) | T.S.C.C. | The Secretary
Tamworth Sporting Car Club <i>Inc.</i>
PO Box 115
TAMWORTH NSW 2340
Website: www.tamworthscc.com.au | |
| | | GO-KART CIRCUIT Oakburn Park | Bitumen Sealed |

PART 1

SHORT CIRCUIT MOTOR SPORT ASSOCIATION *Inc.*

SHORT CIRCUIT TOURING CAR SPEED EVENTS

GENERAL REGULATIONS

1.1 AUTHORITY

Each Event will be held under the FIA International Sporting Code including Appendices, and the National Competition Rules (NCR's) including any Appendix of the Motorsport Australia, the Speed Event Standing Regulations, the Short Circuit Standing Regulations, the Short Circuit Vehicle Regulations, Short Circuit General Regulations, Supplementary Regulations, and any Further Regulations or instructions that may be issued.

1.2 AUTHORITY TO CONDUCT EVENTS

Each club affiliated with the Short Circuit Motor Sport Association (SCMSA) are eligible to conduct a short circuit event in their own right, however to do so clubs must follow the guide lines set down by the Association.

- The club wishing to conduct a short circuit event must first apply to the SCMSA stating the type of event, date of the event to be conducted and on what circuit the event is proposed to be conducted.
- Each Event must be conducted as per the current short circuit rule book.
- Each short circuit event must have the services of a recognised state ambulance able to transport e.g. QAS (QLD) NSW (NSW).
- Supplementary regulations must be forwarded to the SCMSA Secretary or a member nominated by the Association before applying to Motorsport Australia for the permit. The SCMSA will forward the permit application to Motorsport Australia on the Club's behalf.
- Competitors (car owners) and Drivers must be a current financial member of one of the SCMSA affiliated car clubs. Each competitor in Short Circuit touring car speed event who are already a member of an affiliated club, other than the SCMSA, will need to have also purchased a SCMSA vehicle number prior to competing in a SCMSA touring car speed event. Annual fee as at 2022 is \$60.00.

Each competing vehicle must have a Motorsport Australia Vehicle log book or a SCMSA Vehicle log book. **NB:** If a Short Circuit Vehicle log book is required, this will be supplied free of charge as part of an annual vehicle number fee. A Motorsport Australia Vehicle Log Book takes precedence over a SCMSA Vehicle Log Book.

Each vehicle competing in a short circuit speed events must comply with the short circuit regulations.

- Each short circuit multi-car speed event must be conducted as a closed to club event.
- It is strictly prohibited for short circuit multi-car speed events to be conducted on circuits with a track length in excess of 1200 metres.

The events will be conducted under and in accordance with Motorsport Australia OH & S and Risk Management Policies, which can be found on the Motorsport Australia website at www.motorsportaustralia.com.au. Insurance for these Events will be provided in accordance with provisions of the current Motorsport Australia Manual.

Each Event will be subject to the issuing of a Motorsport Australia Organising Permit.

1.3 PROMOTER

Each Series Event will be promoted and organised by the Short Circuit Motor Sport Association.

1.4 EVENT ORGANISERS

Each Series Meetings will be organised by the Short Circuit Motor Sport Association. Short Circuit Events other than the Series Events will/may be organised by:-

Downs Motor Sport Club	PO Box 1762, Toowoomba, QLD 4350
Ipswich West Moreton Auto Club <i>Inc.</i>	PO Box 112, Ipswich, QLD 4305
Millmerran Auto Club <i>Inc.</i>	PO Box 5, Brookstead, QLD 4364
Stanthorpe & District Sporting Car Club <i>Inc.</i>	PO Box 83, Stanthorpe, QLD 4380
Tamworth Sporting Car Club <i>Inc.</i>	PO Box 115, Tamworth NSW 2340

1.5 EVENT DESCRIPTION

Each Event will be Club Status Short Circuit Speed Event conducted at any of the following circuits:- Morgan Park – Warwick (1200 metre track), Carnell Raceway – Stanthorpe, Willowbank Park – Ipswich, and the Reserve Raceway - Millmerran.

1.6 TO BE ADVISED IN SUPPLEMENTARY REGULATIONS

Sponsor details
Organising Club
Organising Committee
Event details and times
Clerk of Course
Event Secretary
Chief Scrutineer
Stewards
Address for receipt of entry forms
Entry fee

1.7 JUDGES OF FACT

- (a) Scrutineers shall be deemed Judges of Fact in respect to safety equipment, eligibility of vehicles, each document is current and correct, and the measurement of emitted noise.
- (a) The Start Official (his/her assistants where applicable) shall be deemed Judges of Fact in respect to starting grid procedures and false starts, and finish line procedures.
- (b) The Chief Timekeeper (and his/her assistant if applicable) shall be deemed to be the Judges of Fact relative to the order of finish.

1.8 LODGING AN ENTRY

Each Entry may be accepted at the discretion of the organisers and subject to the provision of the Track Licence if addressed as advised in the Event Supplementary Regulations.
The official entry form fully completed (and signed), and accompanied by the required fee must be lodged with the Event Secretary within the period specified. Entry forms may be lodged by facsimile or electronically, but for the entry to be valid the entry fee must be received by the organiser prior to the closing date of the entries. (Refer to the Motorsport Australia Manual NCR 27 and NCR 28).

The number of vehicles competing in an event shall be limited to the maximum grid capacity or a lesser number as determined by the Clerk of Course in consultation with the Stewards of the Meeting.

The organisers reserve the right to refuse any entry without assigning any reason. - refer to the Motorsport Australia Manual of Motorsport NCR 33.

1.9 PARENTAL CONSENT

If any entrant, driver or pit crew is under 18 years of age, the consent of his/her parent or guardian must appear on the entry form, as must be the name, address and signed consent of his/her parent or Legal Guardian.

1.10 PERSONS ELIGIBLE TO ENTER/COMPETE

Only a competitor or driver who has obtained a SCMSA vehicle number, rule book and SCMSA membership card are eligible to enter and compete.

Note: In order to compete in a Short Circuit Motor Sport Association event, a Competitor (car owners) or Drivers must be a current financial member of one of the following car clubs: Downs Motor Sport Club, Ipswich West Moreton Auto Club, Millmerran Auto Club, Stanthorpe & District Sporting Car Club, Tamworth Sporting Car Club, Warwick District Sporting Car Club or the Short Circuit Motor Sport Association. Each competitor, whose cars is competing in a Short Circuit Touring Car Event will need to have purchased a SCMSA vehicle number prior to competing in a Short Circuit Touring Car Event. Annual fee as at 2022 is \$50.00

Any Junior must have attained the age of 14 years and not 17 years as at the 1st January of the calendar year.

1.11 LICENCE REQUIREMENTS:

Each Entrant and driver must hold a Motorsport Australia Speed Licence of the appropriate level.

1.12 SCRUTINEERING

Each document including evidence of SCMSA Inc. Club Membership, Club Membership Card, Licences, and a Motorsport Australia or SCMSA Vehicle Log Book must be presented at scrutineering. **NB:** A Motorsport Australia Vehicle Log Book takes precedence over a SCMSA Vehicle Log Book.

Each piece of driving apparel including FHR and helmet, clothing and footwear must be presented to the scrutineers at the time of scrutiny of the subject car. Apparel must be in with accordance with Schedule D of the current Motorsport Australia Manual

Any vehicle that has not been scrutineered and approved for competition by the Chief Scrutineer (or nominee) will not be permitted to practice or participate in the event. The onus is on the owner of the vehicle to present an eligible vehicle at scrutineering and at any time during competition.

1.13 DRIVERS BRIEFING

All competitors are required to attend the Drivers' Briefing at a time and location to be advised in the Supplementary or Further Regulations. The Clerk of Course may hold a briefing at any other time during the day, the time and place of which will be advised to each competitor.

1.14 PRACTICE

Each Competitor may be given 10 minutes compulsory practice within their class. Each driver and relief driver will complete at least three practice laps. Failure to do so may result in exclusion, at the discretion of the Clerk of the Course. Small number of entries in any class may lead to amalgamation of classes at the discretion of the organisers.

1.15 STARTING POSITIONS

Qualifying will be at the discretion of the Clerk of the Course. If transponder is used by any short circuit competitor, that competitor will be given approximately 10 minutes compulsory qualifying within their class. Each driver shall complete at least three timed qualifying laps. Failure to do so may result in exclusion, at the discretion of the Clerk of the Course. The starting positions will be decided on lap times established in the qualifying practice sessions with the fastest driver being placed on first starting position and the remainder in order of their qualifying times. If two or more drivers record equal lap times in qualifying sessions, the first driver to record the time will take precedence for starting positions.

A TOURING CAR SPRINT SPEED EVENT MEETING may run over two days. It is expected each days competition will be made up to three (3) Heats and a Final Touring Car Sprint Event.

The starting positions for the heats will be as follows:

- | | |
|--------|--|
| Heat 1 | The starting positions will be determined by the qualifying positions (if a transponder is used). If a transponder is not used the starting positions will be decided by a draw. |
| Heat 2 | The starting position will be the reverse of the grid position decided for Heat 1. |
| Heat 3 | The starting position will be the highest accumulated points minus any penalties over the previous Heats to start at the front of the grid. The competitor having the next lowest aggregate, minus any penalties, shall occupy the next position, and so on. In the case of equal scores, the starting position for the tied competitors will be decided by a ballot draw conducted by the Pit Marshall. |
| Final | The starting positions will be the highest accumulated points minus any penalties over the previous Heats to start at the front of the grid. |

AN ENDURANCE TOURING CAR SPEED EVENT MEETING will be made up of a number of Heats and a Final Endurance Event.

The starting position for the heats will be as above, except for the Final Endurance Feature Event. The Endurance Feature Event will be run as a **handicap** event.

Competitors based on their particular class of vehicle will be started at nominated positions around the Course. Starting positions within each class will be determined by the highest accumulated points minus any penalties over previous heats or by times recorded in qualifying sessions.

Each car, upon crossing the START/FINISH line will be deemed to have completed their first lap. (Note: The distance travelled by each class of vehicle to complete their first lap will vary as a result of this **handicapping** process.

Events will be conducted separately for Junior Competitors (Junior Events) and Senior Competitors (Senior Events). **Juniors are those persons identified at “1.10 Eligible Persons,” Juniors are eligible to compete in Senior events as a senior at the discretion of the Clerk of the Course.**

STARTING POSITION ASSEMBLY

Prior to each event competitors shall assemble their vehicles in the pit area as directed by the Clerk of Course or his/her assistant. Each Competitor will assume their starting position only when directed to do so by the Clerk of Course or his/her assistant.

1.16 FLAG SIGNALS

The flags to be used during competition are:

AUSTRALIAN FLAG: Start of race.

YELLOW (waved): Great danger, be prepared to stop. Each car must slow down immediately, there is to be no passing under the waved Yellow Flag, from the flag point to the next green flag.

RED: Immediately reduce speed and all vehicles able to do so will proceed slowly to the start / finish line. Overtaking is not permitted. Working on a vehicle on the track under a Red Flag is prohibited.

BLACK: (Displayed with car number on a blackboard at least 600 mm square) Return to the pits immediately via the pit entrance, and report to the Clerk of the Course as soon as the event is completed.

BLACK FLAG WITH ORANGE DISC

(Displayed with car number on blackboard) Vehicle has mechanical problems. Return to the pits immediately via the pit entrance. When the mechanical problems have been rectified the car may rejoin the race.

BLACK & WHITE DIAGONALLY DIVIDED:

(Displayed with Car number on a blackboard) Driver cautioned for poor sportsmanship. Driver may continue in race but must report to the Clerk of the Course immediately after the race.

BLUE: Overtaking signal to alert the driver that a following car/s may be attempting to overtake.

WHITE Service Vehicles or slow-moving vehicles on the track.

BLACK & WHITE CHEQUERED: Finish of the race or practice.

LAST LAP BOARD: Indicates the last lap of the race.

YELLOW WITH RED STRIPES: (Deterioration of adhesion) informs drivers that the conditions of adhesion of the track surface have suddenly deteriorated in the area beyond the flag.

1.17 RED FLAG SITUATION IN AN EVENT:

If the event is stopped before the completion of two laps, then the original start will be deemed null and void and a new event commenced. The length/distance of the new event will be the original length/distance of the aborted event unless the Stewards of the Meeting approve a shorter length/distance. The starting order of competitors in the new event will be the same as that of the aborted event.

If the event is stopped after the completion of two laps then, the original event will be deemed null and void and a new event commenced, however the length of the new event will be two laps less than the original event distance, less the number of laps completed by the leader before the signal to stop was given. At the re-start competitors will be arranged in single file as per the order of each competitor at the end of the lap **prior** to that during which the signal to stop was given.

If the event is stopped after 90% or more of the event length/distance has been completed then the event may, at the discretion of the Clerk of Course and subject to the approval of the Stewards of the Meeting, be deemed to have finished at the time when the leading vehicle crossed the finish line for the penultimate time before the event was stopped.

1.18 LIGHT SIGNALS:

There may be instances where light signals may be used to supplement, or under some circumstances, to replace flag signals. A Light may replace waved red, yellow, green, blue or white flag.

Each competitor will be briefed on how the light system will be operated.

1.19 INSURANCE

Certain public, property, professional indemnity and personal accident insurance is provided by Motorsport Australia in relation to the event. Further details can be found in the Motorsport Australia Insurance Handbook, available at www.motorsportaustralia.com.au.

1.20 PROTESTS

Any Protest must be lodged in writing and handed directly to the Stewards of the Meeting, or if this is not possible to the Clerk of Course in accordance with the Motorsport Australia International Competition Rules and accompanied by the appropriate fee.

1.21 ABANDONMENT

Event organisers have the right to postpone, abandon or cancel the meeting at their sole discretion subject to the current Motorsport Australia Manual of Motorsport and may cancel the event if fewer than 30 entries are received.

1.22 USE OF PROHIBITED SUBSTANCES

Any holder of a Motorsport Australia 'Competition' or 'Officials' licence (or equivalent licence issued by another ASN) may be tested for the presence of drugs (or other banned substances) and subject to a penalty/ies for a breach in accordance with the Motorsport Australia Anti-Doping Policy and/or the Motorsport Australia Illicit Drugs in Sport (Safety Testing) Policy as published on the Motorsport Australia website. Consumption of alcohol in the paddock, pits or any section of the competition venue/course under the control of the Officials is forbidden until all competition is concluded each day. Accordingly, any holder of a Motorsport Australia 'Competition' or 'Officials' licence (or equivalent licence issued by another ASN) may also be tested for the presence of alcohol by a Motorsport Australia Accredited Testing Official (CATO) in accordance with the Motorsport Australia Standard Operating Procedure for Breath Alcohol Testing.

1.23 USE OF SOCIAL MEDIA

Each Competitor and any crew are required to make themselves aware of the requirements for the appropriate use of Social Media outlined in the Motorsport Australia Social Media Policy as published on the Motorsport Australia website.

This Policy applies to:

- (a) any Motorsport Australia contractor, agent and employee; and
- (b) any Individual who hold a Motorsport Australia Licence (as defined in the Motorsport Australia National Competition Rules), (collectively referred to in this Policy as You) when using Social Media in relation to Motorsport Australia or an Event.

Social Media in this Policy means any type of electronic public forum that enables people to create and share content or engage in social networking. Common examples include Twitter, Facebook, blogs, forums, content sharing and uploading, etc.

This Policy does not apply to the use of Social Media in personal and other areas of life which are not related to Motorsport Australia or an Event

1.24 CLASSES

The organisers envisage the competition will be divided into the following classes:-

- | | |
|-------------------------------------|-----------------------------------|
| (1) Juniors | (2) Improved Production 0-2000cc, |
| (3) Improved Production Over 2000cc | (4) Sports Production |
| (5) Sports Sedans | |

Small number of entries in any class may lead to amalgamation at the discretion of the organisers. The organisers reserve the right to add to or subtract from the classes and reclassify vehicles on the day.

1.25 PENALTIES:

Any competitor in breach of the rules during competition may be shown a Black and White Diagonal Flag or a Black Flag. At the discretion of the Clerk of Course, in consultation with the Stewards, the showing of a Black and White Diagonal Flag may incur an on the spot penalty of five (5) points: a Black Flag may incur an on the spot penalty of ten (10) points.

Jumping the start and poor sportsmanship will incur an on the spot penalty of five (5) points.

Failing to obey the proper orders of an official of the meeting shall be deemed to be a breach of the rules.

Any display of bad sportsmanship from a competitor, driver or pit crew may lead to the exclusion of that team from the event.

Failure to follow the lawful direction of any Official of the Meeting may lead to the exclusion of that team from the event.

1.26 SAFETY – DRIVERS APPAREL

Each Driver must be attired in accordance with Schedule D of the current Motorsport Australia Manual.

1. Each competitor in any Short Circuit speed event are required to wear a Frontal Head Restraint (FHR) and helmet compliant with Standard A as specified in Schedule D.
2. Clothing from ankles to neck to wrists. Clothing of flammable synthetic material, such as nylon, is not acceptable. Level A, B or C overalls are recommended
3. Suitable footwear - Feet must be completely covered with leather boots, shoes or other flame-resistant material (high-heeled shoes are prohibited).

1.27 SAFETY - CARS

Each competing vehicle must be equipped with the safety provisions set out in the current Motorsport Australia Manual and the Short Circuit Motor Sport Association's General Regulations & Vehicles Specifications as approved by Motorsport Australia.

1.28 DETERMINATION OF WINNERS:

Timing will be by manual or electronic means. The results will be determined by fastest to the slowest in each class.

1.29 POINTS ALLOCATION

If the event is a SCMSA series meeting all competitors who compete on the day will be eligible for series points.

Each Competitor must complete 75% of a heat or final in an event and take the chequered flag to be classified as a finisher and to be eligible for points.

POINTS TABLE FOR ALL HEATS & FINALS DEPENDING ON THE NUMBER OF CARS STARTING A SHORT CIRCUIT SPEED CLASS						
Car's Finishing Position	6 Cars Starting Event	5 Cars Starting Event	4 Cars Starting Event	3 Cars Starting Event	2 Cars Starting Event	1 Car Starting Event
1 st	7	6	5	4	3	2
2 nd	6	5	4	3	2	
3 rd	5	4	3	2		
4 th	4	3	2			
5 th	3	2				
6 th	2					
7 th or more	1					

Under no circumstances can points be carried from one class to another.

1.30 AWARDS

At the conclusion of each event trophies will be awarded for 1st, 2nd & 3rd highest point scorers in each of the competing classes.

At the conclusion of the SCMSA Short Circuit Series, trophies will be awarded to the first three (3) outright places, and the first three (3) places in each class. To be eligible for SCMSA series trophies each competitor must compete in at least 75% of the series events e.g. 3 out of 4 events.

The series Outright and Class trophies will be awarded to those competitors with the highest accumulated points earned for Series competition throughout the year.

Event organisers reserve the right to add to these awards.

1.31 TWO WAY RADIOS IN COMPETITION VEHICLES

The use of two way radios in competition vehicles will be permitted providing that:-

1. Radio transmission is from car to pits only (No car to car transmission)
2. On a radio frequency different to that used by the Organising Committee.
3. The transmitter's radio frequency is to be advised to the Event Secretary prior to the start of competition.
4. The Organising Committee reserves the right to monitor these transmissions at any time during the competition.

PART 2
SHORT CIRCUIT MOTOR SPORT ASSOCIATION *Inc.*
SHORT CIRCUIT TOURING CAR SPEED EVENTS
VEHICLE REGULATIONS – GENERAL REQUIREMENTS

2.1 ELIGIBILITY

If the eligibility of the vehicle is in doubt in any of the Junior, or Improved Production categories then the appropriate extract from the vehicles workshop manual or homologation documents will be required to be produced by the competitor as evidence of eligibility. All vehicles must conform with Schedule A, B and C of the Motorsport Australia Manual.

Any sealing of engines and/or components and/or determination of eligibility of control classes is to be carried out and completed prior to competition day.

2.2 ROLL OVER PROTECTION

Any new vehicle the minimum requirement Type 3 as defined in schedule J of the Motorsport Australia Manual.

2.3 SAFETY HARNESS

The vehicle must be fitted with a safety harness installed in accordance with the manufacturer's instructions with consideration to the requirements when using a Frontal Head Restraint. The Harness must comply defined in Schedule I of the Motorsport Australia Manual.

The harness must be worn securely fastened at all times during practice and competition.

2.4 SEATS

Seats must comply with Schedule C Paragraph (f), (i) and (ii) and Paragraph (g) (i) (ii) (iii) as defined in the Motorsport Australia Manual.

2.5 WIPERS AND WASHERS

All vehicles must be fitted with working and functional windscreen wipers and washers.

2.6 LOCK RINGS

Bearing Lock Rings may be welded to rear axles.

2.7 BATTERIES

Batteries inside the passenger compartment of the vehicle must be a sealed battery unit. The battery must be suitably attached firmly to the body of the vehicle. The location of the battery is to be marked by a blue triangle of 150mm size.

2.8 HOOD SAFETY CATCH

All vehicles must be fitted with at least two independent fastening systems. In cars manufactured after 1 January 1973, and other cars as explicitly approved by Motorsport Australia, may utilize the original, unmodified manufacturer's components for securing the bonnet, without the use of a secondary restraint mechanism.

2.9 FIRE EXTINGUISHERS

A Fire Extinguisher (Minimum of 0.9kg - Australian Standard 1841) which conforms to Schedule H of the Motorsport Australia Manual must be fitted to each vehicle.

It is recommended that the extinguisher is mounted on a steel bracket located within reach of the driver and must be held in place with a quick release bracket. The extinguisher must carry a current dated tag.

2.10 COMPETITION NUMBERS

Competition numbers shall be displayed in accordance with Schedule K of the Motorsport Australia Manual and be clearly visible to the satisfaction of the Clerk of the Course.

Competition numbers in accordance with Figure K-1 shall be black on a white background and shall be displayed on the sides of the competition vehicle. A white area of 450mm x 310mm is to be provided on the front doors for this purpose.

and/or

A competition number in accordance with Figure K-2 shall be "Dayglo" yellow without background. This number is to be fitted on the front windscreen on the opposite side to the driver.

The type of number required will be advised in the Supplementary Regulation and usually provided by the event organisers.

2.11 PERMANENT COMPETITION NUMBERS

All competitors will be required to purchase a SCMSA vehicle competition number prior to competing in a SCMSA touring car speed event. This number will be valid for use in competition during the year it was purchased.

If a competitor wishes to retain the same number for the next years' competition they have until the 31st of January of that year to purchase their current number. After that time the number will return to the number pool for reallocation.

2.12 SAFETY WINDOW NETS

Any vehicle with an open driver's side window must have a safety window net fitted in the driver's door window opening as outlined in Schedule I of the Motorsport Australia Manual.

- i) The window net must cover the opening forward to the centre of the steering wheel
- ii) The net may be locally modified to preserve the driver's view of the external mirror.
- iii) The net must be affixed by means of a rapid release system so that, even with the automobile inverted it must be possible to detach the mechanism with one hand.

2.13 APPEARANCE

All bodywork including any subsequent repair of race day damage shall be to a tradesman-like standard and must permit the vehicle to be presented in as "neat 'n tidy" condition as is possible.

2.14 FUEL

Only "Commercial Fuel" as defined in Schedule G of the Motorsport Australia Manual can be used.

2.15 EXHAUST SYSTEMS

Exhaust systems must exit behind the driver to the side or rear of the vehicle and shall not protrude by more than 150mm beyond the rear most portion of the car. If they are directed sideways, they may neither project in any way beyond the maximum width of coachwork nor terminate at a point more than 50mm within the projected plan of the adjacent coachwork.

The sound emission when measured 30m from the track edge must not exceed the 95 dB noise limit. (Refer to Schedule B of the Motorsport Australia Manual).

2.16 OIL CATCH TANKS

It is compulsory to have engine crankcase breathing system be returned to a catch tank or to the air intake re-circulation system.

2.17 COOLING SYSTEM

Cooling systems overflow must discharge into a catch tank.

2.18 TYRES

Each tyre must have a minimum tread depth. The tread wear indicators as provided by the tyre manufacturer must be visible at scrutineering. Retread tyres are not permitted to be used on vehicles competing on sealed circuits.

2.19 TOW POINTS

All vehicle must be fitted with visible towing points (capable of accepting a 40mm OD cylindrical test object) fitted forward of the front axle and rearward of the rear axle and capable of towing the automobile on a sealed surface with its wheels locked. Where a tow point is obscured, each tow point shall be marked with the word "TOW" of a contrasting colour marking the location of each tow point.

PART 3
SHORT CIRCUIT MOTOR SPORT ASSOCIATION *Inc.*
SHORT CIRCUIT TOURING CAR SPEED EVENTS
CLASS REQUIREMENTS

JUNIOR CLASS

3.1 DRIVERS

Juniors must have attained the age of 14 years and not 17 years as at the 1st January of the year of competition. 'P' plates to be displayed on the rear of a vehicle first event, unless the driver has successfully competed in a sprint or autocross meeting.

3.2 VEHICLE ELIGIBILITY

The vehicle must be a production car with four (or less) cylinders with a maximum engine capacity of 1600cc and a single camshaft. These engines must remain standard as per the factory workshop manual. Super-chargers and turbochargers are **not permitted**.

3.3 BODY WORK

3.3.1 Bodywork may not be modified or reinforced. No body modifications can be made to fit any additional parts.

3.3.2 An approved alternative seat may replace the original driver's seat.

3.3.3 Passenger seats, carpet & underfelt, interior trim may be removed. Dash and door trims may be modified to fit roll over protection.

3.3.4 The Chief Scrutineer shall prevent non-compliant vehicles from competing.

3.4 ENGINE

3.4.1 Engine must be standard as for make and model of vehicle. No modifications are allowed unless otherwise specified. General reconditioning practices are acceptable.

3.4.2 The position of the engine in the body must not be altered.

3.4.3 Fuel injected cars must maintain standard engine management computer. No modifications are permitted.

3.4.4 Vehicles with carburetors, manifolds and throttle body system must be standard and unmodified and must be valid for the year and model of engine or body.

3.4.5 Standard distributor and ignition must be fitted. Distributors must be standard for year of manufacture. Sports coils are permitted.

3.4.6 Non-standard electric fuel pumps and / or electric fans are permitted.

3.4.7 Engines may be balanced.

3.4.8 Camshaft is free in carbureted engines only.

3.5 TRANSMISSION

3.5.1 Transmission must be unmodified.

3.5.2 The transmission as originally fitted to the vehicle must be used.

3.6 SUSPENSION

Suspension parts, i.e. sway bars etc., may only be fitted if they were an original vehicle manufacturers factory option.

Springs and dampers are free, but the mounting and abutments must remain original. All sprung parts excluding exhaust must be a minimum of 100mm from the ground.

3.7 EXHAUST

Exhaust from manifold is free and must conform to Short Circuit Regulations 2.15.

3.8 OIL COOLERS & FILTERS

Additional oil coolers and filters may be fitted. These must be within the confines of the engine bay.

3.9 BRAKES

Brakes must be unmodified. Brake pad, shoes and lining materials are free.

3.10 WHEELS

Wheel diameter may be increased, or decreased, by not more than one inch from the original wheel size. Wheel rim width must not exceed 6 inches. Wheels must remain within the confines of the bodywork.

3.11 TYRES

Tyres fitted to all rims shall be in accordance with the Tyre and Rim Association recommendations. "Hand Cut" tyres are not permitted. Retreads on sealed circuits are not permitted.

Tyre brand is free, 60 Series or above tyres only may be used.

Note: Competitors unsure of the tyres eligible for this class should contact an authorised Eligibility Officer of the Short Circuit Motor Sport Association for advice.

3.12 DIFFERENTIAL

Differentials must be unmodified. Original diff housing for make and model, axle housing must be standard. Ratios are free. No locked or limited slip differentials allowed.

3.13 FUEL

Only "Commercial Fuel" as defined in Schedule G of the Motorsport Australia Manual can be used

3.14 GENERAL

Vehicles must also comply with Part 2 - VEHICLE REGULATIONS – GENERAL REQUIREMENTS

IMPROVED PRODUCTION CLASS

4.1 CLASSES

- (1) 0 – 2000cc
- (2) Over 2000cc

4.1.1 ELIGIBLE VEHICLES

Any series production touring car (i.e. FIA Group 1, Group A, Group N or Mass-produced touring cars sold to the general public in Australia) with limited modification to improve performance and reliability. Refer to 3J Improved Production, 3K Saloon Cars, 3H HQ Holdens, 3E Series Production, in the Motorsport Australia Manual. The nominal cylinder capacity will be multiplied by a factor of 1.8 for rotaries and 1.7 for turbos.

- 4.1.2** The previous Sports Production cars are eligible in the Improved Production class provided that the car complies with the Improved Production rules with exception of the engine configuration. To be eligible, these vehicles must be fitted with one of the vehicle manufacturers' variety of engines.

4.2 WHEELS AND TYRES

Wheel diameter may be increased, or decreased, by not more than one inch from the original **vehicle** wheel size. Wheels must remain within the confines of the bodywork.

Refer to details outlined in the Motorsport Australia Manual for sizing in the respective corresponding category 3J, 3K, 3H, 3E. The sizes can be used as a guide and the tyre brand is free. Wheel sizes can be increased or decreased by a maximum of 1 inch from those set down in the Manual

SPORTS PRODUCTION CLASS

5.1 VEHICLES ALLOWED

Any series production cars* except those fitted with rotary engines, engines with more than six cylinders, multiple carburettors, turbo charged, super charged, 4WD.

*Mass produced touring cars commercially available to the general public in Australia.

5.2 BODY WORK

5.2.1 Body must be from a series production model closed car.

5.2.2 The bodywork must be standard to the satisfaction of the Scrutineers except for any modifications permitted.

5.2.3 Interior trim may be removed.

5.2.4 Fibreglass replacement body panels are allowed provided that they are identical in silhouette to the original body panels.

5.2.5 Doors must be standard, but inner door skin may be removed. Front doors must open from the inside and outside.

5.2.6 Bumper bars must be of original design. Modifications are not permitted.

5.3 WHEELS AND TYRES

Improved Production class vehicles shall use tyres of a type approved by the Department of Transport for use on public roads.

The following rim widths are permitted:

4 cylinder vehicles – maximum rim width 6 inches.

6 cylinder vehicles – maximum rim width 8 inches.

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

All tyres must be of radial ply construction. Inner tubes are optional. All tyres 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%. All tyres must be at street legal tread at scrutineering.

At the discretion of the scrutineer all tyres must have a Department of Transport mark visible. Retread tyres must have factory moulded tread pattern (i.e., not "hand cut"), and be 140 k per speed rating and street legal tread depth at scrutineering. **No retreads allowed on the bitumen.**

Note: Competitors unsure of the tyres eligible for this class should contact the Eligibility Officer of the Short Circuit Motor Sport Association for advice.

5.4 SUSPENSION AND BRAKES

Suspension and brake modifications are allowed: however, the original suspension mounting points must be utilised. Panhard rods, sway bars and tramprods are allowed if originally fitted.

5.5 BODYWORK REINFORCING

No external reinforcing is allowed. External means outside the cabin. (However, note rules 2.1, 2.7 and 2.12 with regard to roll cages, towing loops, spreader bars, and radiator supports, which are not classed as reinforcing.)

5.6 OIL COOLERS AND RADIATORS

Oil coolers or larger or additional radiators may be fitted. These must be located within the confines of the engine bay.

5.7 ENGINES

Engines must be visually externally standard.

5.7.1 The engine must be of a type and capacity as originally fitted to the vehicle, commodore engine in any commodore and falcon engine in any falcon.

- 5.7.2 The position of the engine in the body must not be altered.
- 5.7.3 Emission equipment may be removed.
- 5.7.4 The single carburettor must be externally standard and fuel injection must be standard. Exhaust extractors converting into one pipe are allowed.
- 5.7.5 Standard distributor and ignition of make and model of vehicle must be fitted. Sports coils are permitted.
- 5.7.6 Non-standard electric fuel pumps and/or electric fans are permitted.
- 5.7.7 Engines may be balanced.
- 5.7.8 Larger capacity sumps may be fitted.
- 5.7.9 The onus is on the owner of the vehicle to present an eligible vehicle at scrutineering and at all other times during competition.
- 5.8 **TRANSMISSION**
 - 5.8.1 The gearbox must be of a type as originally fitted to the vehicle model. The gear lever position may be changed, and may be replaced by a floor shift mechanism and vice versa.
 - 5.8.2 Differential must be as originally fitted save that a Locked or LSD is permitted (in the vehicles original housing only).

SPORTS SEDAN CLASS

- 6.1 **ELIGIBLE VEHICLES**

Refer to 3D Sports Sedans of the Motorsport Australia Manual.
- 6.2 **GENERAL**

This group envisages a considerable degree of modification to vehicles.

The vehicle must be based on a closed series production car.
- 6.3 **CHASSIS/BODY WORK**

All front doors must open from the inside and the outside. Chassis construction is free.
- 6.4 **ENGINE AND TRANSMISSION**

Engine and ancillary equipment is free. Engine capacity must not exceed 6 litres. The nominal cylinder capacity will be multiplied by a factor of 1.8 for rotaries and 1.7 for turbos.

Engine location is free.
- 6.5 **BRAKES**

Brakes are free; however, the vehicle must be fitted with a dual circuit braking system.
- 6.6 **SUSPENSION**

Suspension is free.
- 6.7 **WHEELS & TYRES**

Refer to 3D Motorsport Australia Manual.

Wheels and tyres are free but must stay within the bodywork.

The complete wheel (tyre + wheel + flange) maximum width 14.5" (all measurements must be made with at least 1.8 bar pressure in the tyre).