

SHORT CIRCUIT MOTOR SPORT ASSOCIATION INC.

ABN 52 502 752 630



GENERAL REGULATIONS & VEHICLE SPECIFICATIONS

Revised 1 January 2017

**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.
Warwick District Sporting Car Club Inc.**

\$10.00

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PART 1

SHORT CIRCUIT MOTOR SPORT ASSOCIATION *Inc.*

“SHORT CIRCUIT TOURING CAR SPEED EVENTS”

GENERAL REGULATIONS

1.1 AUTHORITY

Meetings will be conducted under the International Sporting Code of the FIA and the National Competition Rules (NCR's) of the Confederation of Australian Motor Sport Ltd (CAMS), 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.

1.1a AUTHORITY TO CONDUCT EVENTS

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

- The club wishing to conduct short circuit events 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.
- Events must be conducted as per the current short circuit rule book.
- All short circuit events 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 CAMS for the permit. The SCMSA will forward the permit application to CAMS on the Club's behalf.
- Competitors (Car owners) and Drivers must be a current financial member of one of the SCMSA affiliated car clubs. Those competitors competing in Short Circuit touring car events who are already members of an affiliated club, other than the SCMSA, will need to have purchased a SCMSA vehicle number prior to competing in a SCMSA touring car event. Annual fee as at 2017 is \$50.00.

All competing vehicles must have a CAMS log book or a short circuit log book. **NB:** If a short circuit log book is required, this will be supplied free of charge as part of annual vehicle number fee. A CAMS Vehicle Log Book supersedes the SCMSA Vehicle Log Book.

- All vehicles competing in short circuit speed events must comply with the short circuit regulations.
- All short circuit multi-car speed events 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 Meetings will be conducted under and in accordance with CAMS OH & S and Risk Management Policies, which can be found on the CAMS website at www.cams.com.au. Insurance for these Meetings will be provided in accordance with Appendix I of the current CAMS Manual.

Each Meeting will be subject to the issuing of a CAMS Organising Permit.

1.2 PROMOTER

The Series Meetings will be promoted and organised by the Short Circuit Motor Sport Association.

1.3 MEETING ORGANISERS

The Series Meetings will be organised by the Short Circuit Motor Sport Association. Short Circuit Meetings other than the Series meetings 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
Warwick District Sporting Car Club <i>Inc.</i>	PO Box 16, Warwick, Qld 4370

1.4 MEETINGS DESCRIPTION

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

1.5 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

1.6 JUDGES OF FACT

- (a) Scrutineers shall be deemed Judges of Fact in respect to safety equipment, eligibility of vehicles, all documents are 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 Time Keeper (and his/her assistant if applicable) shall be deemed to be the Judges of Fact relative to the order of finish.

1.7 LODGING OF ENTRIES

Entries 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 organizer prior to the closing date of the entries. (Refer to the CAMS Manual of Motor Sport NCR 76 and NCR 81).

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 CAMS Manual of Motor Sport NCR 83.

1.8 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.

1.9 PERSONS ELIGIBLE TO ENTER/COMPETE

Only competitors, who have obtained a SCMSA vehicle number, rule book and SCMSA membership card are eligible to enter and compete.

Note: In order to compete in Short Circuit Motor Sport Association events, Competitors (Car owners) and 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. Those competitors competing in Short Circuit touring car events who are already members of an affiliated club, other than the SCMSA, will need to have purchased a SCMSA vehicle number prior to competing in an SCMSA touring car event. Annual fee as at 2017 is \$50.00

Juniors must have attained the age of 14 years and not 17 years as at the 1st January of the year of these regulations.

LICENCE REQUIREMENTS:

Entrants and drivers must hold a current Licence of the following type (or higher status):

CAMS 2S Licence

CAMS NC, PCC, PC, CC, NOJ, NRNJ, NRJ, ICA, ICB, ICC, ICD, CH, IR, IRN, ISK, NR, NO, NON, NONJ, or CRN, PSKJ, PSK, NSKJ, NSK licence

Or a licence of a type or status issued from time to time by CAMS.

1.10 SCRUTINEERING

Evidence of SCMSA Inc. club membership, the appropriate CAMS Competition Licence, and a CAMS or SCMSA Vehicle Log Book must be presented at scrutineering. A CAMS Vehicle Log Book supersedes the SCMSA Vehicle Log Book.

Licences, membership card, **Compulsory Third Party Insurance (for Queensland registered vehicles) valid for the two-days of the Event**, apparel, including helmets, and footwear must be produced at scrutiny and on request during the meeting. Helmets, goggles or visors, fire extinguishers and seat belts must meet the standards specified in the current CAMS Manual of Motor Sport.

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 events. **The onus is on the owner of the vehicle to present an eligible vehicle at scrutineering and at any time during competition.**

1.11 CROSSING OF TRACK

Vehicles, competitors and crew will not be permitted to cross the track after the Clerk of the Course has closed the track, without the permission of the Clerk of Course.

1.12 DRIVERS BRIEFING

All competitors are required to attend the Drivers' Briefing at a time advised in the Supplementary or Further Regulations. The Driver's Briefings will be held at the "Scrutineering Pad" at all tracks. The Clerk of Course may hold additional briefings at other times during the day, the time and place of which will be advised to competitors.

1.13 PRACTICE

Competitors may be given 10 minutes compulsory practice within their classes. All drivers and relief drivers shall 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.

1.14 STARTING POSITIONS

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 will be made up to three (3) Heats and a Final Touring Car Sprint Event.

The starting positions for the Events will be as follows:

- Heat 1 The starting positions will be determined by the qualifying positions (if transponders are used). If transponders are not used the starting positions will be decided by a draw.
- Heat 2 The starting positions will be the reverse of the grid positions decided for Heat 1.
- Heat 3 The starting positions 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 Touring 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 to three (3) Heats and a Final Endurance Event.

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

All cars, 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**).

Events will be conducted separately for Junior Competitors (Junior Events) and Senior Competitors (Senior Events). **Juniors are those persons identified at "1.9 Eligible Persons," Juniors are eligible to compete in Senior events as a senior at the discretion of the Clerk of the Course.**

TAKING UP STARTING POSITIONS:

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

RED FLAG SITUATION IN EVENTS:

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 competitors 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.

1.15 FLAG SIGNALS

The flags to be used during competition are:

AUSTRALIAN FLAG: Start of race.

YELLOW (waved): Great danger, be prepared to stop. All cars 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.

1.16 INSURANCE

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

Third Party Insurance: All competing vehicles carrying civil registration in Queensland require a Third Party extension certificate or letter (CTP) stating the full title of the event, location and date.

1.17 PROTESTS

Protests 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 CAMS International Competition Rules and accompanied by the appropriate fee. (Refer CAMS Manual of Motor Sport Part X11-Protests).

1.18 ABANDONMENT

Event organisers have the right to postpone, abandon or cancel the meeting at their sole discretion subject to the current CAMS Manual of Motor Sport NCR 59 and may cancel the event if fewer than 30 entries are received.

1.19 USE OF PROHIBITED SUBSTANCES

Any holder of a CAMS '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 CAMS Anti-Doping Policy and/or the CAMS Illicit Drugs in Sport (Safety Testing) Policy as published on the CAMS 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 CAMS 'Competition' or 'Officials' licence (or equivalent licence issued by another ASN) may also be tested for the presence of alcohol by a CAMS Accredited Testing Official (CATO) in accordance with the CAMS Standard Operating Procedure for Breath Alcohol Testing.

1.20 CLASSES

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

- (1) Juniors (2) Improved Production (4) 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.

1.21 PENALTIES:

Any breach of the rules during competition which may incur the competitor will 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

1.22 SAFETY – DRIVERS

Drivers must be attired in accordance with Schedule D of the current CAMS Manual of Motor Sport and wear:

- A helmet that complies with AS1698 and carries marking to the effect, or is otherwise approved by CAMS.
- Clothing as per the Short Circuit Motor Sport Association's General Regulations and Vehicle Specifications Paragraph 2.13.
- Suitable footwear. Feet must be completely covered with leather boots, shoes or other flame-resistant material (high-heeled shoes are prohibited).
- Goggles or visors of lenses other than glass (AS 1609-1981) in open cars.

1.23 SAFETY - CARS

All competing vehicles must be equipped with the safety provisions set out in the Short Circuit Motor Sport Association's General Regulations & Vehicles Specifications as approved by the CAMS.

1.24 DETERMINATION OF WINNERS:

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

1.25 POINTS ALLOCATION

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

Competitors must complete 75% of a heat or final in an event and take the chequered flag to be classified as a finisher before points will be allocated.

POINTS TABLE FOR ALL HEATS & FINALS DEPENDING ON THE AMOUNT OF CARS STARTING A SHORT CIRCUIT SPEED EVENT

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					

1.26 AWARDS

At the conclusion of each meeting 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 competitors must compete in at least 75% of the series events e.g. 3 out of 4 events. Event organisers reserve the right to add to these awards.

The series class trophies will be awarded on the highest accumulated class points allotted to competitors on the each day's competition throughout the year. **Under no circumstances can points be carried from one class to another.**

In addition to individual class trophies a Series Club Championship to determine a Series Club Outright Champion is decided on the competitor with the highest accumulated points tallied from every round of the Associations calendar-year events.

1.27 TWO WAY RADIOS IN RACE CARS

The use of two way radios in race cars 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 listed on the entry form prior to the start of competition on the day.
4. The Organising Committee reserves the right to monitor these transmissions at any time during the competition.

1.28 WATER TRUCK

Various tracks may be required to be watered at frequent intervals during the event. The Clerk of Course and/or the Association's appointed representatives will decide the frequency of watering.

**SHORT CIRCUIT
MOTOR SPORT
ASSOCIATION Inc**

Short Circuit Speed Event Vehicle Regulations

SHORT CIRCUIT MOTOR SPORT ASSOCIATION Inc
Short Circuit Speed Event Vehicle Regulations -

Part 2. General Requirements

- 2.1 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 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 CAMS Manual of Motor Sport.
- 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 the CAMS Manual, Schedule J. It is recommended a side intrusion bar on the driver's side, or as per CAMS log book.
- 2.4 **SAFETY HARNESS**
The vehicle must be fitted with a safety harness conforming at least to AS2596 or E35 and at least a four-strap, three-point attachment design which must be worn securely fastened at all times during practice and competition. The Harness must comply with the requirements as defined in Schedule I - Safety Harnesses in the CAMS Manual of Motor Sport.
- 2.9 **WIPERS AND WASHERS**
All vehicles must be fitted with working and functional windscreen wipers and washers.
- 2.10 **LOCK RINGS**
Bearing Lock Rings may be welded to rear axles.
- 2.11 **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.
- 2.12 **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 CAMS may utilize the original, unmodified manufacturer's components for securing the bonnet, without the use of a secondary restraint mechanism.
- 2.13 **DRIVERS CLOTHING**
Drivers must at all times, during competition and practice, wear approved flame-resistant clothing. Suitable flammable resistant gloves must be worn.
Feet must be completely covered with leather boots or shoes or other flame-resistant material.
Drivers must present their driving attire at scrutineering.
- 2.14 **SAFETY HELMETS**
Drivers must at all times, during competition and practice, wear a safety helmet, properly attached, complying with at least Australian Standard AS1698 and carrying marking to that effect; or be otherwise specifically approved by CAMS, and also appropriately marked to that effect (see Schedule D of the CAMS Manual of Motor Sport).
- 2.15 **FIRE EXTINGUISHERS**
A Fire Extinguisher (minimum size 0.9kg) of a satisfactory type must be fitted, and will be checked by the Scrutineer on the day. The Fire Extinguisher must be located within reach of the driver and must be held in place with a quick release bracket. It is recommended that the extinguisher is mounted on a steel bracket and carry a current dated tag. Must confirm to Australian Standard 1841 refer Schedule H of the CAMS Manual.

2.16 NUMBERS

Racing numbers must be affixed to both sides for the vehicles, and optionally to the middle of the turret or bonnet facing to the front. They are to be kept as clear as possible and must contrast to the colour of the vehicle. No advertising closer than 100mm to border or background. The minimum width of the border or background shall be 245mm for single digit competition numbers and 450mm for two digit competition numbers. The minimum width of the border or background shall be 320mm for single digit competition numbers and 500mm for two digit competition numbers. Where competition numbers containing three digits are permissible the minimum width of the border or background shall increase to 780mm. The height of the numbers will be 280mm, and shall 50mm wide with a space of 40mm between numbers.

Windscreen numbers 150mm higher in dayglo yellow as per CAMS Manual schedule K must be fitted to the left hand side of the front windscreen.

2.17 WINDOW NETS

All cars must have window nets fitted to right hand driver side window, unless lexon already fitted.

2.18 PERMANENT RACING NUMBERS

All car numbers at 1 December each year will become vacant. Drivers have until 31 January the following year to purchase their current car number at a cost of \$50.00 (includes supply of regulation windscreen number), when it will become vacant. Numbers are current for a period of 12 months at which time the current owner has a period of one month, prior to the end of the calendar year, to purchase their number or that number becomes vacant

2.19 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.

2.20 FUEL

The use of Methanol is not permitted in any class of vehicle; only "Commercial Fuel" as defined by CAMS at Schedule G of the NCR's may be used.

2.21 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 CAMS Manual of Motor Sport.)

2.22 OIL CATCH TANKS

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

2.23 COOLING SYSTEM

Cooling systems overflow must discharge into a catch tank.

2.24 TYRES

All tyres 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.

2.25 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. A road registered series production car fitted with any unmodified original equipment tow point shall be exempt from these requirements, save for the requirement to identify an obscured tow point

PART 3 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 these regulations. 'P' plates to be displayed on the rear of a vehicle first meeting, unless the driver has successfully competed in a sprint or autocross meeting.

3.2 VEHICLES ELIGIBLE

Four (or less) cylinder production cars with a maximum engine capacity of 1600cc, and having not more than one camshaft. Touring car derived from a recognized by the F.I.A. as a touring car all vehicles, unless otherwise stated in these rules 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 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 ineligible 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 manufacturer. 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.

3.7 Exhaust from manifold is free and must conform to Short Circuit Regulations 2.21. Springs and shock absorbers ratings are free. All sprung parts excluding exhaust must be a minimum of 100mm from the ground. Springs and dampers are free but the mounting and abutments must remain original.

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 by CAMS at Schedule G of the NCR's may be used. No Avgas or BP100 allowed.

3.14 GENERAL

Vehicles must also comply with Part 2 - GENERAL REQUIREMENTS FOR ALL CARS, in particular, the rules on Roll Cage, Exhaust Systems, likewise for Harness, Driver's Clothing and Helmets.

PART 4 IMPROVED PRODUCTION CLASS

VEHICLES ELIGIBLE

- (1) 0 – 2000cc
- (2) 2000cc & Over

4.1 VEHICLES ALLOWED

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 CAMS Manual. The nominal cylinder capacity will be multiplied by a factor of 1.8 for rotaries and 1.7 for turbos.

4.2 WHEELS AND TYRES

Wheels and tyres sizes to conform to the corresponding category 3J, 3K, 3H, 3E as per the CAMS Manual, save that brand is free.

PART 6 SPORTS SEDAN CLASS

6.1 VEHICLES ALLOWED

Refer to 3D Sports Sedans of the CAMS Manual of Motor Sport.

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 Cams 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).

OFFICIALS - HAND SIGNALS

Assistance:
Patting top of head,
I need assistance



Medical Attention:
Crossed arms overhead,
Medical attention required



Situation OK
Thumbs up, Driver is OK,
or situation is under control



Fluid on Track:

Point to offending area.
Act as though spreading
cement. There is fluid on
The track.



Rescue:

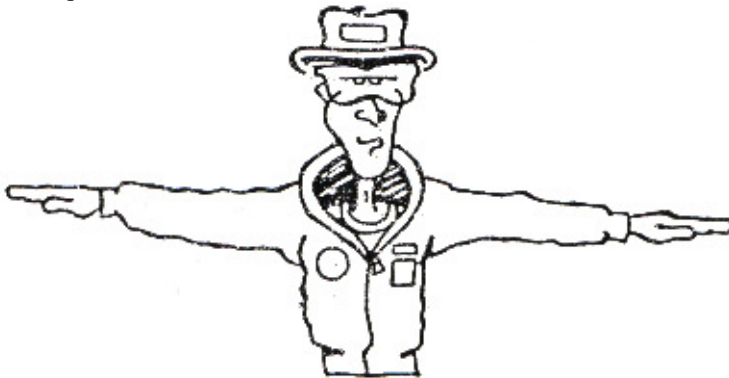
Arms form a W.
Rescue equipment
required.





Lift Tow:

Arms form a T then lifted.
Car requires a lift tow.



Flat Tow:

Arms form a T, Car
requires a flat tow.



Fire Tender:

Arms form an F,
Fire tender required.



Crossing Track:

Arm held vertical,
Is it safe to cross the track?

Response:

Arm vertical, Wait not safe!
Arm dropped. Cross Now!