



South African Model Car Association Rules and Regulations

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TABLE OF CONTENTS

1	TRACK SPECIFICATIONS.....	4
1.1	Track Approval	4
1.2	Design.....	4
1.3	Specifications	4
1.4	Electrical.....	5
1.5	Lap Recording.	5
2	CAR SPECIFICATIONS	6
2.1	GT12.....	6
2.2	1/24 Production Touring (Prod-24).....	8
2.3	Sports 32 (S-32)	10
2.4	Scale 24 (SC-24)	12
2.5	Homologation.	14
3	VENUE FACILITIES.....	14
3.1	General	14
4	INTER-PROVINCIAL EVENTS.....	15
4.1	General	15
5	NATIONAL EVENTS	15
5.1	Grands Prix	15
5.2	Cancellation or Postponement	15
5.3	Classes.....	16
5.4	Driver Grading.....	16
5.5	Entries & Entry Fees.....	16
5.6	Race Program.....	16
5.7	Racing Points.....	17
5.8	Scrutineers and Judges.....	17
5.9	Race Control	17
5.10	Awards	18
5.11	Results	18
5.12	Practice	18
5.13	Track Preparation.....	18
5.14	Race Format.....	19
5.15	Lane Change	19
5.16	Distance.	19
6	NATIONAL ENDURANCE EVENTS.....	20
6.1	General	20
6.2	Teams.....	20

6.3	Qualifying	20
6.4	Driving Times	21
7	GENERAL RACING RULES.....	22
7.1	Stickers	22
7.2	Start of Races.....	22
7.3	False Starts.....	22
7.4	Track & Counter Faults	22
7.5	Unrecoverable Car	23
7.6	Reruns	23
7.7	Restarts.....	23
7.8	Track Call	23
7.9	Marshalling	24
7.10	Repairs.....	24
7.11	General	25
7.12	Pound.....	25
8	INFRINGEMENTS AND PENALTIES.....	25
8.1	Disqualification	25
8.2	Other Penalties	26
9	PROTESTS	26
9.1	General	26
10	Changes to SAMCA rules.....	28

1 TRACK SPECIFICATIONS

1.1 Track Approval

- 1.1.1 Prior to building a new track, detailed plans of the track, power supply and lap recording system must be submitted to the Association for approval.
- 1.1.2 All tracks on which SAMCA events are to be held must comply with the following specifications and be approved by the Association.
- 1.1.3 Tracks built, which do not comply with the specifications, may be approved with certain recorded deviations.

1.2 Design

Tracks shall be designed in such a way that;

- 1.2.1 The marshalling positions do not obstruct any driver's view.
- 1.2.2 Any position on the track is within reasonable reach of a marshal.
- 1.2.3 All lanes are of equal length and parallel.

1.3 Specifications

- 1.3.1 Number of lanes: Four, six, or eight.
- 1.3.2 Lane length: Minimum of 25m.
- 1.3.3 Slot Depth Minimum of 6.5mm. Slot width: Minimum of 3mm, maximum of 4mm.
- 1.3.4 Conductor tapes: The conductor tapes shall be immediately adjacent to the slot and made from, either copper, brass or braided steel.
- 1.3.5 Conductor tape cross sectional area should be at least 1.25 mm sq, with at least a 5 mm braid contact area.
- 1.3.6 Slot centres: Minimum of 100mm.
- 1.3.7 Radius of corners: Minimum of 150mm.
- 1.3.8 Outer and inner running surface: From the outer and inner slot centre, a minimum of 140mm along the whole length of the track.
- 1.3.9 Barriers: Barriers shall be provided around the whole length of the track to prevent damage to cars, which become de-slotted. Transparent barriers shall be used where a normal barrier may prevent sight of a section of the track by a driver.
- 1.3.10 Barrier height: Minimum of 50mm, recommended 80mm.
- 1.3.11 The surface of the track shall be chemically resistant and glossy.
- 1.3.12 Lane colour markings with a minimum width of 4mm shall travel along one side of the whole length of each lane and shall lie at a maximum of 2mm from the conductor tape.
- 1.3.13 Lane colour marking sequence:
 - 4 Lane tracks: (Yellow, Green, Blue, Red).
 - 6 Lane tracks: (Black, Green, White, Red, Blue, Yellow).

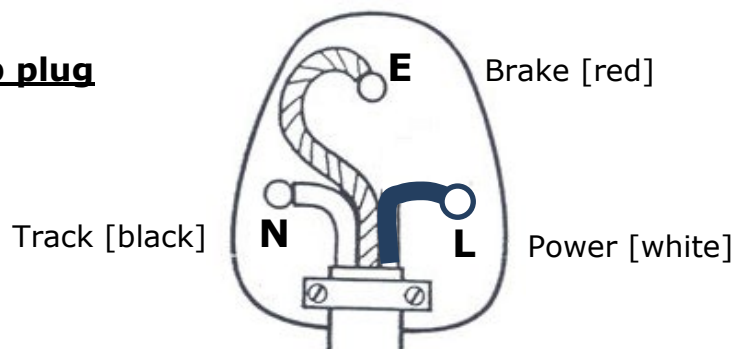
8 Lane tracks: (Red, White, Green, Orange, Blue, Yellow, Purple, Black).
All colours must contrast with each other.

- 1.3.14 A starting buzzer shall be provided. The starting system shall be designed so as to allow the light to be switched on with a verbal warning and then extinguished with the sounding of the buzzer to start a race.
- 1.3.15 A Start-Line shall be provided on a straight not less than 1000mm before or 3000mm after any corner. A Counter-Strip shall be provided within 200 mm before the Start-Line. A false Start-Line shall be provided at the end of the first corner. A Penalty-Start-Line shall be provided 3000mm before the Start-Line.
- 1.3.16 The track shall be divided and marked into 100 equal parts and numbered on both sides from 00 to 99 starting from the Start-Line in the direction of travel, with the numbers on both sides facing inwards and with a minimum height of 12mm. Above each number, between the numerals, there shall be a line of a minimum length of 12mm signifying the partition of that division.

1.4 Electrical.

- 1.4.1 Voltage: Minimum of 12v DC, maximum of 13.8v DC.
- 1.4.2 Shorting lights: max of 300 watts (+/- 10%), these shall be wired in series with the power supply to each lane and be visible to the drivers and Race Control.
- 1.4.3 Polarity of conductor tapes: Positive on the right and negative on the left of the slot in the direction of travel.
- 1.4.4 Controller plugs: Each lane shall have duplicate 5 amp plugs wired as per the diagram below, connected to a three-position selector switch giving on/off/on facilities.

5 Amp plug



- 1.4.5 Braking design: Dynamic brakes (reverse power braking is not permitted).

1.5 Lap Recording.

- 1.5.1 Each lane shall be provided with a computerized system having a minimum of three digits.
- 1.5.2 The counter system must incorporate an automatic lane change-over.
- 1.5.3 The accumulated laps at each change-over must be carried forward without loss or adjustment.

- 1.5.4 It must be possible to clearly identify the lane colour monitored by each counter.
- 1.5.5 It must not be possible for any counter to record more than one lap per lap completed by the car on that lane.

2 CAR SPECIFICATIONS

2.1 GT12

All cars must comply with the following specifications at the commencement of and during each event.

2.1.1 Cars

- 2.1.1.1 Cars shall have a maximum overall width of 83mm.
- 2.1.1.2 Cars shall have a maximum height of 40mm measured from the track surface.
- 2.1.1.3 No part of the car except, braids, tyres and skids shall touch the track when stationary.

2.1.2 Bodies

- 2.1.2.1 Bodies shall be painted or otherwise finished in a presentable manner, with transparent windscreen where applicable.
- 2.1.2.2 Bodies shall have cut out or clear wheel arches which at least correspond in position and size with the wheels on the chassis, not applicable if a wheel decal or painted wheel fascimlie is used (ref para 2.1.2.2.1)
 - 2.1.2.2.1 Front wheel decals or a reasonable hand drawn/painted facsimile +/- 16 mm in diameter may be applied instead of chassis mounted front wheels. These must correspond to the position of the front wheels as provided on the body shell
- 2.1.2.3 Bodies shall have, in the appropriate position, a presentably painted 3 dimensional driver consisting of the head, shoulders, hands and the upper half of a steering wheel. A flat one dimension decal or a flat hand drawn/painted fascimlie depicting a seated driver and steering wheel will also be accepted.
- 2.1.2.4 Bodies shall clearly display two racing numbers, with a minimum height of 6mm, numbers will be issued based on the results of the Open Class division from the previous season. The Drivers grade must be clearly indicated grade A, B or J at least 6mm in height and placed next to the racing number.

2.1.3 Chassis.

- 2.1.3.1 Chassis applicable for this class must be homologated as per 2.5. The chassis currently homologated for GT12 are:

ABSLOTSPORT	AB GT12				
B Slotcar Products	BSP01	BSP04	BSP06	BSP10	BSP14
DVR	2008-001	2008-002	2009-001		
Lotz	LZ 09/01				
Mack	Bulldog 3	SPEED 12 2015	SPEED 15	Mack 2017	Mack 2018
	Mack 2019	Mack 2020			
Mossetti Racing	200	200A	201A	2007	
Red Fox	RF GT-12	RF GT - 12/15			

- 2.1.3.2 Chassis must be available in kit form or assembled RTR form and must retail for less than R1,500.00 when assembled.
- 2.1.3.3 The above chassis may be modified, provided that original chassis parts have been used.
- 2.1.3.4 Optional refer 2.1.2.2.1; Chassis shall have a minimum of two front wheels with a minimum diameter of 12mm. Front wheels do not have to touch but must be vertical +/- 10 degrees.
- 2.1.3.5 Chassis shall not project from the body, or be visible when viewed from above.
- 2.1.3.6 Rear axle ball bearings are allowed.
- 2.1.4 Guide
- 2.1.4.1 The guide shall be made from a plastic, nylon, or other non-metallic material.
- 2.1.4.2 The guide shall present a smooth surface to the slot and have no sharp edges, which could damage the track surface.
- 2.1.4.3 The guide pivot mounting shall be fixed and centred on the chassis when viewed from the front.
- 2.1.4.4 The guide shall have a maximum length of 28mm and may penetrate the slot by no more than 6.35mm.
- 2.1.4.5 The guide shall be fully enclosed by the body used.
- 2.1.5 Tyres
- 2.1.5.1 Driving wheels shall be fitted with tyres made from sponge rubber.
- 2.1.5.2 Optional; if fitted non-driving wheels shall be made from rubber or similar material and must be visible from the side.

- 2.1.6 Airdams and Spoilers
 - 2.1.6.1 No additional aerodynamic devices may be fitted.
- 2.1.7 Motors
 - 2.1.7.1 Only Group 12 "C" Can and Euro Mini-Can based motors are allowed.
 - 2.1.7.2 Only tagged group 12 armatures are allowed. Such armatures may have drill blank shafts.
 - 2.1.7.3 A can end and endbell ball bearing may be fitted.
 - 2.1.7.4 Motors may be shortened.

2.2 1/24 Production Touring (Prod-24)

All cars must comply with the following specifications at the commencement of and during each event.

- 2.2.1 Cars
 - 2.2.1.1 Cars shall have a maximum overall width of 83mm.
 - 2.2.1.2 Cars shall have a maximum height of 40mm measured from the track surface
 - 2.2.1.3 No part of the car, except braids, tyres and skids shall touch the track surface when stationary.
- 2.2.2 Bodies
 - 2.2.2.1 Bodies shall be made from plastic or similar material and represent a 1/24 semi scale model of an actual touring car. These bodies must be cut according to the specifications below.
 - 2.2.2.2 A minimum height of 21mm where the windscreen meets the body.
 - 2.2.2.3 A maximum height of 40mm.
 - 2.2.2.4 Bodies shall be painted or otherwise finished in a presentable manner, with transparent windscreen where applicable. The sides of the body must be painted.
 - 2.2.2.5 Bodies shall have cut out or clear wheel arches which at least correspond in position and size with the wheels on the chassis, not applicable if a wheel decal or painted wheel fascimlie is used (ref para 2.2.2.5.1)
 - 2.2.2.5.1 Front wheel decals or a reasonable hand drawn/painted facsimile +/- 16 mm in diameter may be applied instead of chassis mounted front wheels. These must correspond to the position of the front wheels as provided on the body shell
 - 2.2.2.6 Bodies shall have, in the appropriate position, a presentably painted 3 dimensional driver consisting of the head, shoulders, hands and the upper

half of a steering wheel. A flat one dimension decal or a flat hand drawn/painted fascimile depicting a seated driver and steering wheel will also be accepted.

2.2.2.7 Bodies shall clearly display two racing numbers, with a minimum height of 6mm, numbers will be issued based on the results of the Open Class division from the previous season. The Drivers grade must be clearly indicated grade A, B or J at least 6mm in height and placed next to the racing number.

2.2.3 Chassis

2.2.3.1 No filing, cutting or structural alteration (other than detailed in 2.2.3.2. ref rules below) of the chassis is allowed. The front of the chassis may be bent to allow contact with the track no other bending is permissible.

2.2.3.2 Pillow blocks may be braced. A gear guard may be added. Offset Oilites may be used, guide flag mount may be reinforced

2.2.3.3 A motor brace may be added.

2.2.3.4 Chassis shall not project from the body, or be visible when viewed from above.

2.2.3.5 Rear axle ball bearings are allowed but no hollow axles are allowed.

2.2.3.6 The following chassis are homologated by SAMCA who may homologate additional chassis annually:

Champion	410 (Astro)	20 (Turbo Flex)	
JK	2501 (Cheetah 7)	2905 (Scorpion))	25011C (Cheetah 11)
	JK X24	JK X25	JK X21
	JK C26 Cheetah Aeolos		
Mossetti	Titan	Patriot steel pan	Patriot alu pan
	MR2002 Patriot Defender 2-piece	MR2003 Patriot Defender 3-piece	
Parma	Flexi 1 - 5		

2.2.3.7 Skid pads and floating or fixed body pin tubing may be added. NOTE: Skid pads must follow and retain the original shape of the chassis.

2.2.3.8 Mass may be added, provided it is on top of the chassis and does not act as a working part (e.g. a stop).

2.2.3.9 The original Bite Bar may be substituted with a Bite Bar of a different material, diameter and/or shape.

2.2.3.10 The holes to locate the motor may be filed to facilitate alignment.

2.2.3.11 Optional; a minimum of two front wheels, minimum diameter of 12mm. Front wheels does not have to touch. Front tires must be vertical +/- 10

degrees and must be within 4 mm from the original position. Axles may be soldered and adjusted to allow this.

2.2.3.12 The motor may be soldered to the chassis.

2.2.4 Guide

2.2.4.1 The guide shall be made from a plastic, nylon or other non-metallic material.

2.2.4.2 The guide shall present a smooth surface to the slot and have no sharp edges, which could damage the track surface.

2.2.4.3 The guide pivot mounting shall be fixed and centred on the chassis when viewed from the front.

2.2.4.4 The guide shall have a maximum length of 28mm and may penetrate the slot by no more than 6.35mm.

2.2.4.5 The guide shall be fully enclosed by the body used.

2.2.5 Tyres

2.2.5.1 Driving wheels shall be fitted with tyres made from sponge rubber.

2.2.5.2 Optional refer 2.2.2.5.1: if fitted non-driving wheels shall be fitted with tyres made from rubber or similar material and must be visible from the side.

2.2.6 Airdams and Spoilers

2.2.6.1 No additional aerodynamic devices may be fitted.

2.2.7 Motors

2.2.7.1 Only the following motors are allowed:

- Group 10 Parma #502.
- Proslot PS2003 Super 16D, armature may be replaced with PS700 or PS700B (note PS700C and PS700S ARE NOT ALLOWED).
- Proslot PS2104.
- Kamen setup GMNK102.
- Red Fox can (RFD0004) and endbell (RFD0005).
- JK 3031.
- In all instances brushes, springs and brush gear may be replaced.
- Brush shunts are allowed.
- Ball bearings may be fitted to can and end bell.

2.3 Sports 32 (S-32)

2.3.1 Chassis.

2.3.1.1 Drivers can choose between the JK Cheetah (part number JKPHC1132 or JKX321)

- 2.3.1.2 Ballast or weight may be added as long as it is placed on top of the chassis.
- 2.3.1.3 No magnetically aided traction is allowed whatsoever.
- 2.3.1.4 Front wheels do not have to touch the track surface.
- 2.3.1.5 Maximum Width of Chassis measured across front or rear wheels is 65 mm, maximum body height when measured from track surface 40mm.
- 2.3.1.6 Wheels may be visible when viewing the car from above. This is to allow for the use of 63mm wide bodies
- 2.3.1.7 Bodies shall have cut out or clear wheel arches which at least correspond in position and size with the wheels on the chassis, not applicable if a wheel decal or painted wheel facsimile is used (ref para 2.3.1.8)
- 2.3.1.8 Front wheel decals or a reasonable hand drawn/painted facsimile +/- 16 mm in dia may be applied instead of chassis mounted front wheels, these must correspond to the position of the front wheels as provided on the body shell.
- 2.3.1.9 Skid pads and floating or fixed body pin tubing may be added. NOTE: Skid pads must follow and retain the original shape of the chassis.
- 2.3.1.10 The original Bite Bar may be substituted with a Bite Bar of a different material and/or diameter.

- 2.3.2 Guide
 - 2.3.2.1 The guide shall be made from a plastic, nylon or other non-metallic material.
 - 2.3.2.2 The guide shall present a smooth surface to the slot and have no sharp edges, which could damage the track surface.
 - 2.3.2.3 The guide pivot mounting shall be fixed and centred on the chassis when viewed from the front.
 - 2.3.2.4 The guide shall have a maximum length of 28mm and may penetrate the slot by no more than 6.35mm.
 - 2.3.2.5 The guide shall be fully enclosed by the body used.

- 2.3.3 Tyres
 - 2.3.3.1 Driving wheels shall be fitted with tyres made from sponge rubber.
 - 2.3.3.2 Optional refer 2.2.1.7: if fitted non-driving wheels shall be fitted with tyres made from rubber or similar material and must be visible from the side.

- 2.3.4 Axles
 - 2.3.4.1 Only solid rear axles may be used.
 - 2.3.4.2 Bearings and oilites are allowed, and may be soldered in place.

2.3.5 Gears

2.3.5.1 Pro Slot PS4001 (with any ratio) and sealed JK Hawk Retro motors (with a fixed gear ratio of 10:35) may be used.

2.3.6 Motor

2.3.6.1 Pro Slot PS4001 (with any ratio) and sealed JK Hawk Retro motors, M8 and M28 (with a fixed gear ratio of 10:35, marked "7R 7R 7R 7R 7R" for M8 and "R R R R R" for the M28) may be used. The Hawk Retro motors may not be opened.

2.3.6.2 Applicable to PS4001; The original brush plates and brush hoods must be retained, Brushes may shunted, the can bush may be soldered in place, the endbell bush may be glued in place, the endbell may be affixed to the can by way of screws, the can/magnet may be slotted to facilitate axle clearance, can material may be removed to facilitate cooling. The motor may be opened to facilitate removal/replacement of the armature.

2.3.6.3 Any lead wire may be used.

2.3.6.4. Motor mount is free

2.3.7 Bodies

2.3.7.1 Any Lexan/PETG body may be used.

2.3.7.2 Bodies shall clearly display two racing numbers, with a minimum height of 6mm, numbers will be issued based on the results of the Open Class division from the previous season. The Drivers grade must be clearly indicated grade A, B or J at least 6mm in height and placed next to the racing number.

2.3.7.3 Bodies shall have, in the appropriate position, a presentably painted 3 dimensional driver consisting of the head, shoulders, hands and the upper half of a steering wheel. A flat one dimension decal or a flat hand drawn/painted fascimile depicting a seated driver and steering wheel will also be accepted.

2.3.7.4. Maximum height of 40 mm as measured from the track surface

2.4 Scale 24 (SC-24)

2.4.1 Chassis.

2.4.1.1 Only Plafit 1300 and Plafit3 1700C series chassis may be used.

2.4.1.2 The standard main chassis plate of the 1700 chassis may be replaced with the following Plafit extended chassis plates; 1701B (+10mm), 1701B15 (+10mm, 1.5mm thick) or 1701C (+20mm) only.

2.4.1.3 The standard sub-frame of the 1700 chassis may be replaced with the following Plafit extended sub-frames; 1710B (+6mm) or 1710C (+12mm) only.

- 2.4.1.4 The standard body mounting may be replaced using Plafit 1706 and 1707 series body mounting plates.
- 2.4.1.5 Front and rear bearing holders (pillow-blocks) may be replaced with different height Plafit 1700 series pillow-blocks. Pillow-blocks may be shimmed.
- 2.4.1.6 No carbon fibre components are permitted.
- 2.4.1.7 No magnetically-aided traction is allowed whatsoever.
- 2.4.1.8 Weight / ballast may be added to the top of the chassis.
- 2.4.1.9 The chassis, including the guide flag and wheels and tyres, shall not project from the body, nor be visible when viewed from above.
- 2.4.1.10 No part of the car except braids and tyres shall touch the track when stationary. Front tyres must touch the track surface.
- 2.4.1.11 Maximum width measured across front and rear wheels is 80mm.
- 2.4.1.12 Wheels may not protrude from the body when viewing the car from above.

2.4.2 Guide

- 2.4.2.1 The guide shall be made from a plastic, nylon or other non-metallic material.
- 2.4.2.2 The guide shall present a smooth surface to the slot and have no sharp edges, which could damage the track surface.
- 2.4.2.3 The guide pivot mounting shall be fixed and centred on the chassis when viewed from the front.
- 2.4.2.4 The guide shall have a maximum length of 28mm and may penetrate the slot by no more than 6.35mm.
- 2.4.2.5 The guide shall be fully enclosed by the body used.

2.4.3 Wheels and Tyres

- 2.4.3.1 Rear tyres shall be made from black foam rubber.
- 2.4.3.2 Rear tyres: Minimum diameter 23mm / Maximum diameter 27mm / Maximum width 16mm.
- 2.4.3.3 Front tyres shall be made from black rubber.
- 2.4.3.4 Front tyres: Minimum diameter 21mm / Minimum width 6mm.

2.4.4 Axles

- 2.4.4.1 Only 3mm diameter solid front and rear axles may be used.
- 2.4.4.2 Axle ball bearings are permitted.

2.4.5 Gears

- 2.4.5.1 Any 10 tooth pinion and 36 or 38 tooth gear may be used.
- 2.4.6 Motor
 - 2.4.6.1 ONLY JK Products ref. M25 Hawk 25 motors, laser etched '25 25 25 25', or the older H25 embossed 'H25 Made in China' will be allowed
 - 2.4.6.2 Motors may not be opened or modified in any way, except the armature shaft may be shortened.
 - 2.4.6.3 Any lead wire may be used.
- 2.4.7 Bodies
 - 2.4.7.1 Classic Sports/ GT (up to and including 1979) and Can-Am cars (up to and including 1973) are eligible.
 - 2.4.7.2 Bodies shall be reasonably accurate 1/24th scale representations of actual cars and painted or otherwise finished in a presentable manner, with transparent or tinted windows, where applicable. Colour schemes / liveries do not have to replicate actual cars, but should be realistic.
 - 2.4.7.3 Bodies shall have cut-out wheel arches.
 - 2.4.7.4 Bodies shall have, in the appropriate position, a presentably painted 3-dimensional driver figure consisting of at least head, shoulders, hands and the upper half of a steering wheel.
 - 2.4.7.5 Bodies shall clearly display at least two racing numbers.
 - 2.4.7.6 Bodies shall have a maximum overall width of 83mm.

2.5 Homologation.

- 2.5.1 Only registered SAMCA members may apply for homologation of specific cars, parts, or modifications.
- 2.5.2 Homologation of new equipment only takes place annually, after completion of the previous year's AGM. These rules will remain constant for the year.
- 2.5.3 Any new chassis for the GT12 and 1/24th Production Touring classes must be homologated. In order to qualify for homologation the following is required:
 - The cars must remain unchanged for the year of homologation
 - A suggested retail price must be provided to the SAMCA committee

3 VENUE FACILITIES

3.1 General

To be considered for a national event, the venues should have the following facilities:

- 3.1.1 Adequate working space for all competitors.
- 3.1.2 Sufficient distributed 15 amp electric plugs at the workbenches.

- 3.1.3 A practice control board.
- 3.1.4 A record board to reflect the best qualifying lap total in each class during the event, and the existing Club, Provincial and National records on the track.
- 3.1.5 A notice board.
- 3.1.6 A drivers' rostrum, which allows sufficient view over the track.
- 3.1.7 Adequate lighting over the track and at workbenches.
- 3.1.8 Adequate toilet facilities.
- 3.1.9 A prominently displayed, suitably coloured, lane change sequence board.

4 INTER-PROVINCIAL EVENTS

4.1 General

- 4.1.1 Inter-Provincial events shall be held on a team basis only, the particulars of which shall be agreed by the respective Provincial Associations concerned, using the format decided upon after discussion with the SAMCA Committee, subject to the provisions of the SAMCA Constitution and Rules.
- 4.1.2 The organisers of all Provincial and Inter-Provincial events shall notify SAMCA in advance of such events and afterwards forward a copy of the results to SAMCA.

5 NATIONAL EVENTS

5.1 Grands Prix

- 5.1.1 Six national Grands Prix and Three National Endurance Races shall be held annually on the dates and tracks decided at the Annual General Meeting. One mandatory inland and One mandatory Coastal venue must be selected, if more than one Inland or Coastal venues are available then all registered members will be requested to vote on their choice of a third venue.

5.2 Cancellation or Postponement

- 5.2.1 The Committee may;
- 5.2.2 Cancel or postpone any event if a club is unable to organise the event, or if 30 days prior to an event the track does not comply with the prescribed specifications, or if any of the prescribed facilities are lacking at the venue.
- 5.2.3 After immediate consultation with all the registered clubs, substitute a cancelled event with an alternative event.
- 5.2.4 On application by a club, postpone an event to a later date by notice sent to all registered clubs not later than 30 days before the date fixed for that event.

5.3 Classes

- 5.3.1 Participation shall take place in four classes, namely a "GT12", "1/24 Production-Touring", "1/32nd Sports Car" and "1/24 Scale Car" classes.
- 5.3.2 Members may participate in any or all four classes at their own discretion.

5.4 Driver Grading.

- 5.4.1 The drivers who finished in the top three positions during the previous year will only compete in the open class for the current race season.
- 5.4.2 Other drivers will be graded in either A, B or J classes
 - "A" class; an experienced slot car driver who regularly finishes in the top 8.
 - "B" class; an experienced driver who finishes outside of the top 8.
 - "J" class; for Junior drivers. To be classified as a junior a competitor must be 17 years of age or younger at the beginning of the race season.

The top 3 finishes in B class will automatically be promoted to the A class.

A person finishing lower than 10th place in A Class could be demoted to B Class (subject to SAMCA's and the person's club's recommendation).
- 5.4.3 Clubs are responsible for the original grading of a driver, thereafter a drivers grading will be determined by his or her overall performance in the three classes.
- 5.4.4 Clubs will be given the opportunity to comment on a driver's grading at the beginning of the race season.

5.5 Entries & Entry Fees

- 5.5.1 Only entries from members of the Association shall be accepted.
- 5.5.2 All competitors belonging to a SAMCA affiliated club entering a national Grand Prix shall pay an entry fee R60.00 per class; junior members pay R30.00 per class. The above fees will be doubled for any competitor, not belonging to a SAMCA affiliated club, an entry fee of R60.00 shall be payable by each team entering a national Endurance Race.
- 5.5.3 Clubs hosting National events shall be awarded 10 percent of the total entry fee, including independent entries and endurance fees where applicable.

5.6 Race Program

The club organizing an event shall send to the Committee not later than 30 days prior to the date of that event, a race program for circulation, covering at least:

- 5.6.1 Unofficial practice.
- 5.6.2 Official practice.
- 5.6.3 Scrutineering.
- 5.6.4 Track cleaning.

- 5.6.5 Drivers' briefing.
- 5.6.6 Commencement of races per class.
- 5.6.7 Arrangements regarding accommodation and refreshments.

5.7 Racing Points

- 5.7.1 The South African Slot Car Champion shall be decided by taking a competitor's best four race results from his best three of the four classes raced. ~~A floating trophy will be awarded for first place.~~ Medals will be awarded for 1st, 2nd, and 3rd. Pennants will be awarded for 1st through to 6th place.
- 5.7.2 The South African Junior Champion shall be decided by taking a competitor's best four race results from his best three of the four classes raced. To be classified as a junior a competitor must be 17 years of age or younger at the beginning of the race season.
- 5.7.3 The best four race results scored in the national Grands Prix shall be taken into consideration to determine each competitor's final position in each class.
- 5.7.4 Points shall be awarded to the competitors at each national Grand Prix in each class as follows:
 - 35, 30, 26, 23, 21, 19, 17, 15, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3 and all other competitors shall be awarded 2 points each.
- 5.7.5 A bonus point shall be awarded for any away driver that wins his/her class.

5.8 Scrutineers and Judges

- 5.8.1 At each national event the Committee shall appoint a Scrutineering Panel consisting of four (2 for Scale-24 & Production 24 class and 2 for the GT12 and Sport-32 class) responsible senior members from different clubs. Two of these members shall be designated by the Committee as Chief Scrutineer/Judge and shall act as the panel's mouthpiece in all matters.
- 5.8.2 The Scrutineers may at their own discretion check any car before, during or after a race to ensure its compliance with the car specifications.

5.9 Race Control

- 5.9.1 **A Race Control Panel shall preside over each event, consisting of a Chief Race Controller, and two Assistant Controllers appointed by the host club.**
- 5.9.2 The Race Controllers shall be responsible for the operation of the lap counter system, the handling of the start and finish of each race or section thereof.
- 5.9.3 **The two members of the Committee shall also act as Clerk and Assistant Clerk of the Course and shall be responsible for the preparation and completion of all race forms and to make sure the event runs smoothly.**
- 5.9.4 During each race two members of the Race Control Panel must be present on Race Control.

- 5.9.5 The names of the persons on Race Control during each race shall be recorded on the race forms.

5.10 Awards

Suitably inscribed pennant cards bearing the Associations badge and having distinctly coloured double swallow-tailed ribbons affixed shall be awarded by the Committee:

- 5.10.1 At each National Grands Prix to those competitors who have been placed 1st to 3rd in each class ~~at the discretion of the SAMCA committee.~~
- 5.10.2 At each national Grand Prix to the competitor who, in the opinion of the immediate past winner or the Clerks of the Course, or by using a voting system whereby all competitors cast one vote, was the most outstanding or consistently good marshal.
- 5.10.3 At the last national Grand Prix of the year to those competitors who have been placed 1st to 6th in each Class Championship.
- 5.10.4 At the national Endurance Race to the ~~members of the~~ teams that have been placed 1st to 3rd.
- 5.10.5 At a national Grand Prix to any member who after that Grand Prix has attended any multiple of 10 national Grands Prix. Note all 6 races will count as individual National events.

5.11 Results

- 5.11.1 The Committee shall send the results of a national event to the registered clubs within one week of that event.
- 5.11.2 All control sheets for each event shall be kept in a separate file with the results and updated current points position, as a permanent record.

5.12 Practice

- 5.12.1 Adequate practice shall be given to visiting drivers prior to any event. Visiting drivers shall receive preference at practice, and no host club competitor may participate in any official practice session, unless open lanes exist and no visiting competitor is in any way precluded.
- 5.12.2 Official practice will consist of a maximum of 2 hours on the morning of the event and a minimum of 12 hours on the preceding day.
- 5.12.3 Official practice will be controlled by the host club irrespective of the number of entrants, a strict roster of classes practiced must be drawn up and adhered to with equal time being given to all 4 classes.

5.13 Track Preparation

- 5.13.1 The tapes shall be cleaned, at least, before the start of every fourth race, or at the beginning of each class. Not applicable to self-cleaning magnetic braid, these shall be cleaned the morning of each event.

- 5.13.2 The Clerks of the Course shall monitor the condition of the tapes and recommend more frequent cleaning should this become necessary. Any increase in cleaning shall be applied consistently during the whole event.
- 5.13.3 For all events the track shall be completely cleaned, "Gooped" and run-in prior to the start of unofficial practice as defined in the official race program.
- 5.13.4 No track gooping shall occur after the commencement of the first race of the National Event.

5.14 Race Format

- 5.14.1 Prior to the first race (heat) a 1 minute qualifying run on a centre lane (chosen by the Clerk of the Course) will be held to determine the initial draw of the first set of races, qualifying will be held for all of the car classes.

On 4 lane tracks:

- On day 1 one race of 8 minutes (4 x 2 minutes/lane)
- On day 2 one race of 12 minutes (4 x 3 minutes/lane)

On 6 Lane tracks:

- On day 1 one race of 12 minutes (6 x 2 minutes/lane)
- On day 2 one race of 18 minutes (6 x 3 minutes/lane)

On 8 Lane tracks

- On day 1 one race of 12 minutes (8 x 90 seconds/lane)
- On day 2 one race of 18 minutes (8 x 135 seconds/lane)

- 5.14.2 Competitors will be placed in order of distance attained in the first heat, for the second heat
- 5.14.3 A competitor does not have to participate in both heats
- 5.14.4 A competitor may only compete with a car that has not been entered by another competitor and that has passed scrutineering.
- 5.14.5 A competitor may use more than one car; limited to one per heat.

5.15 Lane Change

- 5.15.1 Competitors will be allowed 60 seconds for the lane change.
- 5.15.2 The Driver is responsible for the lane change, and to ensure that the car is placed on the correct lane with the correct colour sticker firmly applied.
- 5.15.3 A driver may request a marshall or fellow competitor to change the car, but the responsibility for complying with 5.15.2 will remain with the driver.
- 5.15.4 Work on the car is allowed during lane change.

5.16 Distance.

Total distance including lap percentage will only be recorded at the end of the last section of each heat.

6 NATIONAL ENDURANCE EVENTS

6.1 General

- 6.1.1 Three National Two hour Endurance Races shall be raced on a team basis only.
- 6.1.2 Cars will be subject to all the rules refer 2.2. The class of car to be raced will be at the discretion of the SAMCA committee.
- 6.1.3 Entries for National Endurance races should be submitted to SAMCA four weeks prior to such events in writing. The SAMCA committee has the option to cancel such events should there be less than four entries. Clubs will be notified of such a cancellation at least three weeks prior to the scheduled date of the event.
- 6.1.4 Each team shall compete on all lanes, the starting lanes of which shall be determined by a draw.
- 6.1.5 The team that completes the highest number of laps in the specified time shall be the winner.
- 6.1.6 For endurance race events each team shall be permitted the use of two bodies, which may be freely interchanged, subject to the condition that the two body shells shall be identical in shape, type and appearance

6.2 Teams

- 6.2.1 For the two-hour endurance race each team shall consist of two to six drivers.
- 6.2.2 Club teams:
 - At least 66% of the team shall consist of members from one affiliated club and a maximum of 33% from members from other affiliated clubs.
- 6.2.3 Provincial Teams:
 - Teams which do not comply with the requirements of club teams but still comprise of members from affiliated clubs within the same province.
- 6.2.4 Independent Teams:
 - Teams that do not comply with the requirements for club and provincial teams, but still comprise of registered members.
- 6.2.5 Entries from provincial teams or club second teams will only by accepted if there is a vacant lane available after club first team entries have been considered.
- 6.2.6 Entries from Independent teams will only be accepted if there is a vacant lane available after club and provincial team entries have been considered.
- 6.2.7 Independent teams do not qualify for trophies or pennants.

6.3 Qualifying

- 6.3.1 Qualifying heats shall only be held if the number of entries accepted exceeds the number of lanes available. In the case of provincial or club

second teams being accepted, club first teams shall automatically qualify and qualifying heats shall only be held for the provincial and club second teams. In the case of Independent teams being accepted, club and Provincial teams shall automatically qualify and qualifying heats shall only be held for the independent teams.

- 6.3.2 Each team driving 10 minutes on each lane in the case of 4 lane tracks, 10 minutes on 4 lanes in the case of 6 lane tracks and 10 minutes on alternate lanes in the case of 8 lane tracks shall decide the Qualifying Heats. The Heats shall be determined by draw in such a way that more or less an equal number of teams compete in each Heat.
- 6.3.3 Three members of each team shall be required to drive in the Heats and each member shall drive for an equal period.
- 6.3.4 Those teams, which complete the highest numbers of laps, shall qualify for the endurance race.
- 6.3.5 A team must use the chassis entered for the qualifying heats, in the endurance race.
- 6.3.6 The qualifying heats and the endurance race shall be treated as two separate events.

6.4 Driving Times

- 6.4.1 Minimum driving times during a nine hour endurance race;

Number of drivers per team

3	120 minutes
4	90 minutes
5	72 minutes
6	60 minutes

- 6.4.2 Minimum driving times during a six hour endurance race;

Number of drivers per team

3	80 minutes
4	60 minutes
5	48 minutes
6	40 minutes

- 6.4.3 Minimum driving times during a three hour endurance race;

Number of drivers per team

2	60 minutes
3	40 minutes
4	30 minutes
5	25 minutes
6	20 minutes

- 6.4.4 Minimum driving times during a two hour endurance race;

Number of drivers per team

2	45 minutes
3	30 minutes
4	25 minutes
5	18 minutes

- 6.4.5 Driver changes must be reported to race CONTROL two minutes before such change.
- 6.4.6 The race control officials shall record on the race forms the number of laps completed for each team at each 30-minute mark and/or at each lane change.

7 GENERAL RACING RULES

7.1 Stickers

- 7.1.1 Stickers shall be provided by the host club, matching the lane colours of the track. Only one approved sticker shall be placed at the front centre of a car at an angle, where applicable, to any other coloured lines or marks or patterns, so as to be clearly visible to a marshal.
- 7.1.2 The stickers shall have a white background of adhesive PVC tape of minimum dimensions 24mm by 12mm. The lane colour tape shall also be of adhesive PVC tape of minimum dimensions 9mm by 12mm placed centrally across the background.

7.2 Start of Races

- 7.2.1 A verbal warning and a delay of between three and five seconds duration shall signal the start of all races.
- 7.2.2 From the time of being called for a Heat, drivers shall have a maximum of one minute to bring their cars to the Start-Line.

7.3 False Starts

- 7.3.1 Any driver starting before the start signal (i.e. a jump-start) shall cause a race to be restarted. A driver guilty of a subsequent infringement will start from the penalty-start-line.
- 7.3.2 Any driver whose car interferes with another in the False-Start-Zone at the start of a race shall cause the race to be restarted with the offending car starting from the Penalty-Start-Line.
- 7.3.3 Any penalty in terms of Rule 7.3.2 shall remain in effect for any subsequent Restarts of that race but not in the case of a Rerun.
- 7.3.4 For each start of a race, the False-Start-Marshall shall call either "Clear" or "False-Start" and this marshal's decision shall be final.

7.4 Track & Counter Faults

- 7.4.1 A Track-Fault will be deemed to exist if the condition of the track or race conditions prevent any car from completing a normal lap.
- 7.4.2 A Counter-System-Fault will be deemed to exist if the entire counter system is not operating.

- 7.4.3 A Counter-Fault will be deemed to exist if there is a failure of a counter to record a normal lap.
- 7.4.4 If a Counter-Fault is deemed to exist a race may only be Rerun or Recommended, as the case may be, if after the addition of known missed laps the problem still cannot be resolved.
- 7.4.5 If a Track-Fault or Counter-Fault is thought to exist the Race Controller may only switch off the power to the track after permission is sought and granted from a Judge once he is certain that a Track-Fault or Counter-fault, as the case may be, does exist and it is necessary to stop the race.

7.5 Unrecoverable Car

- 7.5.1 An Unrecoverable Car shall be any car that cannot be recovered by any marshal while a race is in progress.
- 7.5.2 In the case of an Unrecoverable Car the Marshall shall call "TRACK" The Race Controller shall then cut the power to the track. The race will be re-started on the countdown 3, 2, 1, GO! By the Race Controller.

7.6 Reruns

- 7.6.1 If, during a Heat, or before the recording of laps in an Endurance Race, a track-fault, counter-fault or counter-system-fault is deemed to exist the Race Controller shall switch off the power to the track and that race will be rerun.
- 7.6.2 If, a section or sections of a race under exceptional circumstances are found to be void by the Judges that whole race will be rerun as a completely new race. Participants may elect to retain their original distance prior to such rerun, in which case they will not participate in the rerun. Anybody participating in the rerun will not be able to claim any distance covered in the original race.

7.7 Restarts

- 7.7.1 A race may only be restarted if a False Start is called by the False-Start-Marshall.

7.8 Track Call

- 7.8.1 A Driver may call "Track" if it is suspected that a track fault is preventing the Car from completing a normal lap. Refer penalties Para 8.2.4 if a Driver is found to have abused the "Track Call".
- 7.8.2 A Driver SHALL call "Track" if the Car de-slots onto an adjacent lane that is occupied by another car.
- 7.8.3 If a car de-slots on a main straight and is not within 2 meters of a designated marshal a driver may call a "Track Call".

7.8.4 In the event of a "Track Call", Race Control shall cut the power to the track by means of striking the "P" for pause key. The race will be re-started on the command 3, 2, 1, GO! By the Race Controller.

7.9 Marshalling

All drivers must be available to marshal at least the following 3 races after the race in which he/she has just completed. Drivers participating in the last 3 races of any given class must be available to marshal the first three races of that class.

7.9.1 No marshal may make any adjustments to a car unless requested by the driver or unless obviously necessary and then only if it does not interfere with his marshalling duties.

7.9.2 Whenever a car is replaced by a marshal it must be replaced as near as possible to the point at which it de-slotted.

7.9.3 Marshals shall ensure that cars, which become de-slotted, are removed out of the way of approaching cars. If this cannot be done in time and other cars become de-slotted, the latter should be replaced first in the order of de-slotting if there is more than one; but if a car becomes de-slotted and other cars become de-slotted just after, without hitting the first de-slotted car, this first car must be replaced first. If one car de-slots another and it is de-slotted, it must be replaced last. In a corner if it is impossible to determine which car was responsible for an accident, the car on the outer lane should be replaced first.

7.9.4 The Judges appointed for an event may be approached to request the changing of a marshal, or they may do so of their own volition.

7.9.5 Any marshal who repeatedly fails to marshal cars according to Rule 7.9.2 or 7.9.3 or unfairly penalizes a competitor shall be issued with an Official Warning by the Chief Race Controller.

7.9.6 Any competitor who does not marshal when required and fails to provide a substitute shall be issued with an Official Warning by the Chief Race Controller. The Chief Race Controller can, at his discretion, impose a 5% penalty on the best time of the driver who fails to marshal after an official warning.

7.9.7 No miss-marshalling can cause a race to be recommenced or rerun unless the Judges can show that a marshal purposely miss-marshalled a car or that there was gross negligence on the part of the marshal.

7.10 Repairs

7.10.1 Repairs to a car may be permitted prior to the Restart of any race at the discretion of the Race Controller. In the case of a Rerun a competitor may use another of his entered cars but in the case of a Restart a competitor may only use another car if authority is granted by a Judge and then only if the first car has been damaged beyond repair.

7.10.2 No repairs, except by a decision of the Judges, may be permitted to a car prior to the Recommencement of any race.

- 7.10.3 A car which loses a rear wheel or tyre during a race or which drags on the track or which slews, shall be removed and repaired before it may continue that race. A car which loses a front wheel or tyre during a race other than an Endurance Race may continue without it provided that no damage is caused to the track surface and that the car does not obstruct any other cars in that race.
- 7.10.4 No repairs may be carried out by a marshal during any race. The marshal must pass the car to a fellow competitor. I.E. A MARSHAL SHALL NOT DESERT HIS/HER POST FOR ANY REASON.
- 7.10.5 Cars may be repaired during lane change, this applies to endurance as well as sprint races.

7.11 General

- 7.11.1 In all cases drivers must continue racing until the Race Controller cuts the power to the track.

7.12 Pound

All cars entered in a specific class will be impounded at the start of the class heats and will remain in the pound until the end of the heats

8 INFRINGEMENTS AND PENALTIES

8.1 Disqualification

- 8.1.1 Any infringement of the following rules could lead to the disqualification of a competitor or team from a particular race, after a decision reached by consultation of all the Judges:
 - 8.1.1.1 No marshal, competitor, or driver may deliberately obstruct any driver or car.
 - 8.1.1.2 No driver, whose car does not have a lead over another car before a corner, may drive into that corner in such a way as to obstruct that car. Such action will, on its first occurrence, result in an Official warning issued by Race Control and any subsequent warning will cause the competitor to be disqualified.
 - 8.1.1.3 No driver may stop his car except in the allowed stopping area or when avoiding an accident.
 - 8.1.1.4 No driver may handle his car during a race without prior consent from Race Control.
 - 8.1.1.5 No driver may leave the drivers' rostrum during a race. If a driver wishes to retire during a Heat, permission must be requested from Race Control, such permission shall not be reasonably denied.
 - 8.1.1.6 No car may be worked upon while a race is stopped or suspended.
 - 8.1.1.7 No driver may criticise any other driver, marshal, Judge or Race Controller during a race.

- 8.1.1.8 No driver may unfairly distract any other driver by talking, shouting, moving or by any other means.
- 8.1.1.9 No competitor or team may use a car, which, after scrutiny, is found to be not in compliance with the car specifications.
- 8.1.1.10 No competitor or team may use an unscrutineered car or use more than one car during a particular race or use a car entered by another competitor or team.
- 8.1.1.11 No member of a team during an Endurance Race may drive less than his minimum driving time.
- 8.1.1.12 No driver may be permitted to use any substance on his cars tyres or braids which is injurious to the track surface or which is wet when placed on the track.

8.2 Other Penalties

- 8.2.1 Any competitor or team failing to comply with the instructions of Race Control or the Judges may be disqualified from a particular race or the whole event.
- 8.2.2 Any competitor, marshal, Judge or other Official causing verbal interchange or heated debate during an event or failing repeatedly to comply with an official warning or decision shall be guilty of unbecoming conduct for the purposes of clause 11 (Conduct) in the constitution.
- 8.2.3 Repeated suspension of a member under clause 11 (Conduct) of the Constitution could result in a member being struck from the membership roll and declined entry to all events under the auspices of the Association for a period of not less than two years.
- 8.2.4 A Driver who in the opinion of the Judges abuses "Track Call" will be penalized 2 laps of the heat in which the abuse took place.

9 PROTESTS

9.1 General

- 9.1.1 A competitor or team wishing to lodge a protest must inform the Judges verbally immediately or at the latest at the end, of a heat or at the next lane change during an Endurance Race.
- 9.1.2 The Judges shall decide whether to suspend the race and hear the protest or let the race end, and then hear the protest. The protest shall be lodged within five minutes of the suspension of the race, of the prescribed form and accompanied by the prescribed fee.
- 9.1.3 The event shall be suspended while a protest hearing is in progress. A panel of not less than Three Judges shall be convened and if one or more of the Judges is directly involved in the protest, the remaining Judge(s) shall co-opt one or more experienced competitors to act as Judges in respect of the protest.

- 9.1.4 Wherever possible a member of the Committee shall be present to ensure that the protest is properly conducted and recorded, failing which the Chief Judge shall have this responsibility.
- 9.1.5 After the completed protest form has been lodged the accused competitor, where applicable, shall be informed of the protest by the judges and shall be given the opportunity to state his/her case.
- 9.1.6 Once the Judges have collected all the necessary evidence they shall confer privately in order to arrive at a decision.
- 9.1.7 A fee of R20.00 shall be payable for each protest lodged and should the protest not be upheld. The fee shall accrue to the Association.
- 9.1.8 The protest form on which the Judges' decision is endorsed shall be kept together with the other race forms.

10 Changes to SAMCA rules

The table below lists changes to the rules including the date on which the change was made.

Date	Rule affected	Change description
01/09/09	2.6.1.13	The 1mm ground clearance rule was removed for Historic Sports Cars.
01/09/09	2.6.5.6	Minimum diameter for front wheels of Historic Sports Cars have been reduced from 23mm to 21mm.
01/09/09	2.6.6.1	Replaced by the previous 2.6.7.1
01/09/09	2.6.7 & 2.6.7.1	Deleted
01/09/09	2.6.6.2 & 2.6.6.3	Deleted as it was incorporated in 2.6.6.1
01/09/09	2.6.6.16	Deleted as is has been included in the new 2.6.6.3.
07/10/09	2.6.8.1	Changed – cars may only be entered for concourse once
07/10/09	2.6.6.1	Date changed from 1990 to 2000
07/10/09	2.5	Scalex touring cars replaced by Plafit S32 rules
07/10/09	1.4.4 & 1.4.5	Replaced by new 1.4.4, showing 5 amp plug wiring
07/10/09	2.6.5.8	Allow any wheels for concourse purposes only
07/10/09	2.6.8.6	Inserted – concourse cars must be able to do at least one lap
07/10/09	5.3.1	Changed to reflect Plafit S32
07/10/09	5.3.3	Added to detail B Class rules
07/10/09	5.6.1 – 5.6.3	Updated to reflect the correct classes
07/10/09	2.7.3	Need for 5 chassis removed
07/10/09	1.5	Rules have been cleaned up to reflect the current lap counting practice.
07/10/09	3.1.3.1	Specials body specifications simplified
07/10/09	3.2.2.2	Added – to define GT12 body wing length
07/10/09	3.2.2.7	Deleted – body list removed to simplify GT12 rules
07/10/09	3.3.3.9	1/24 Production body list removed
07/10/09	5.15.4	Changed – work now allowed on a car during lane change
13/12/09	Specials	Rules for Specials deleted

Date	Rule affected	Change description
13/12/09	F1	Rules for F1 deleted
13/12/09	Concourse	Deleted
13/12/09	2.3	Added, these rules are based on the original Scalex Touring Class.
13/12/09	5.4	Grading of drivers added
15/01/10	2.3.4.2	Pointer motor to be used with Lexan/PETG body
15/01/10	2.3.6.2	Lexan and PETG bodies allowed in 1/32 nd Sports, GT & Touring
16/02/10	2.4.6.2	Clarification of integrated wing
16/02/10	2.4.1.11	Allowing the use of centre plate 1701B
07/06/10	5.15.1	Qualifying format added
07/06/10	2.3.5.12 and 2.3.6.15	Additional detailed added to provide clarification
07/06/10	2.3.8.14	SP 32 body mount must use SP 32 brackets
08/06/10	6.5.3	Min time for 9 hour teams added
15/01/11	2.1.3.1	BSP 10 and Red Fox GT-12 chassis added
15/01/11	2.2.3.11	JK X25 and JK X21 chassis added
15/01/11	2.3	Note added, either/both chassis and/or body mounts may be modified
15/01/11	2.4.3.25	Maximum width increased from 78 to 80mm
15/01/11	2.4.8.11	Reference to separate vs. integrated wing deleted
17/01/11	5.6.4	Race fees increased
5/02/11	2.2.6.10	Scaleauto SC15 & SC15 B added to allowable motors for Hard Body
5/02/11	2.4.6.11	Scaleauto SC15 & SC15 B added to allowable motors
24/02/11	2.3	1/32 nd Sports, GT and Touring Cars name change
06/04/11	2.2.7.10	Proslot motor PS2104 and PS700 armature allowed for Prod 24
02/01/12	2.1.3.2	Price of assembled GT-12 chassis increased from R660 to R900
02/01/12	2.1.3.4	Addition of removal of pre-cuts and replacement of torsion rails
02/01/12	2.1.3.8	Rear axle wheel bearings allowed
02/01/12	2.2.3.4	Rear bumper max height of 20mm deleted

Date	Rule affected	Change description
02/01/12	2.2.7.10	Brush shunts allowed on 16D motor
02/01/12	2.2.7.10	Motor ball bearings can and end bell allowed
02/01/12	2.3	Name changed to Sports 32
02/01/12	2.3.3.15	Motors can be fixed to the chassis by any means, deleted contradicts 2.3.6.16
02/01/12	2.3.7.14	Rear tyre width changed from 10 to 11mm
02/01/12	2.3.7.15	Front tyre width changed from 8mm to 6mm
02/01/12	2.4.6.11	Scaleauto "Yellow" motor SC15 deleted not allowed
02/01/12	2.4.7.10/11/12	Deleted any rear/front rim may be used, any sponge tyre may be used
02/01/12	5.15.4	Race time on Day 2 increased
02/01/12	5.6.4	Race fees increased from R50 and R25 to R60 and R30 respectively
02/01/12	7.11.8	Repairs allowed during lane change added
21/06/12	2.4.5.10	Aluminium spur gears allowed
21/06/12	2.4.5.11	Aluminium 10T pinion allowed
28/01/13	GT12	Body rules adapted to tie in with USRA rules – wing limitations removed
28/01/13	GT12	Chassis list rationalised and Mack Bulldog 3 added
28/01/13	GT12	Chassis rules simplified to allow modification of listed chassis
28/01/13	1/24 Prod	Endurance rule removed as it does not apply any more
28/01/13	1/24 Prod	Chassis list rationalised
28/01/13	S32	JK chassis added
28/01/13	S32	S32 rules simplified to be universally valid for JK, Plafit and Slotit chassis
28/01/13	S24	Rule updated to allow the Plafit 1700KA (identical to what has always been used – this is a Plafit part number update.
28/01/13	S24	Ball bearings allowed for all S24 chassis
28/01/13	S24	Gearing is free
28/01/13	S24	Proslot Euro PS4002 and PS4001 is homologated
28/01/13	S24	Prohibition of motor fixing by gluing has been removed to help

Date	Rule affected	Change description
		save gears.
28/01/13	S24	Wheel size limitations have been removed
28/01/13	Driver grading	The top 3 drivers in either Scale or Model during the previous year will not be allocated a class.
28/01/13	Driver grading	Driver grading has been updated to reflect A, B and J classes only
2014	GT12	Mack Speed 12 chassis added
2014	S32	Plafit Pointer, Fox11 and Scale auto SC15B allowed for Plafit 3300 chassis and hard body cars and the Falcon VII motor for the cheetah chassis.
2014	S24	S24 class dropped and substituted by Sport-24 class
2014	Enduro	One instead of two endurance races per annum which will be a three hour race. Driving times added for a three hour race
2014	Championship	Scale and Model car championship replaced by a Slot car championship
27/05/2014	S32 Rule 2.3.1.1	JKX321 [2 piece] chassis added
2015	GT-12 2.1.2.2.1 added	Wheel stickers dia +/- 16mm may be used instead of front wheels
2015	GT-12 2.1.3.1	Mack 2015 chassis added
2015	GT-12 2.1.3.2	Kit form price increased from R900 to R1,200
2015	Prod 24 2.2.2.5.1 added	Wheel stickers dia +/- 16mm may be used instead of front wheels
2105	Prod 24 2.2.3.7	Clarification re front skids added.
2015	Prod 24 2.2.3.9	Clarification of Bite Bar substitution added.
2015	Prod 24 2.2.7.1	Armature PS700B added, Kamen and Red Fox setups added
2015	S 32	The reference to S32 being an experimental class deleted, S32 has been reformatted as a controlled class
2015	S 32	Substantial changes to the rules to eliminate all reference to Hard plastic bodies/chassis and the Plafit 1/32 nd scale.
2015	S 32 2.3.1.6	Rear wheels may be visible to cater for 63mm wide bodies

Date	Rule affected	Change description
2015	5.7.1	Amended to reflect the best 4 results from the best of 2 classes raced
2015	5.7.2	Amended to reflect the best 4 results from the best of 2 classes raced
2015	6.1	Amended to only reflect 1 x 3 hour national endurance race, based on Production 24, but with pre 1999 bodies and allowance for 83 mm wide bodies.
2015	1.3.6	Tape cross section amended from 5 mm square to 1.25mm square
2015	2.1.3.2	Price increased to R1,300
2015	2.3.7.1	S 32 Body restriction removed.
2015	2.3.6.2	Note added that motors may be opened.
2015	2.3.7.4	Max body height of 40mm added to S32
2016	2.2.3.6	Mossetti Patriot chassis added to homologation list
2016	2.2.3.9.	Prod 24 additional note on Bite Bar substitution
2016	2.2.3.2.	Prod 24 JK chassis guide mount may be reinforced
2016	1.3.3.	Slot depth minimum of 6.5 deleted
2016	1.4.2.	Max power changed to 300 Watts
2016	2.1.2.2.1	Painted on front wheels allowed (this is allowed for all three classes)
2016	2.1.3.2.	Limit for cost of GT 12 kit increased to R1,500.00
2016	2.2.2.6.	One dimensional paper replica of a driver allowed
2016	5.1.1.	3 two hour endurance races added, one mandatory inner and one mandatory coastal added.
2016	5.8.2.	Deleted
2016	8.1.1.5	Clarification re driver leaving the Drivers rostrum
2016	2.1.3.1.	Mack 2017 GT-12 chassis homologated for 2016
2017	2.1.3.1	Mack 2018 GT-12 chassis homologated for 2017
2017	2.2.2.2	Reduce the minimum height from 23mm to 21mm where the windscreen meets the body
2017	2.2.3.5	Rear axle ball bearing allowed but no hollow axles are allowed

Date	Rule affected	Change description
2017	2.2.3.6	JK C26 Cheetah Aeolos Production 24 chassis homologated for 2017
2017	2.3.4.2	Bearings and oilites are allowed, and may be soldered in place.
2017	2.1.3.1	Mack 2019 GT-12 chassis homologated for 2018
2017	2.1.7.1	Group 12 "C" Can and Euro Mini-Can based motors are allowed in 2018.
2017	2.2.3.6	Mossetti Racing MR2002 Patriot Defender 2-piece and MR2003 Patriot Defender 3-piece chassis homologated for P24 in 2018
2017	2.3.6.1	Pro Slot PS4001 and JK Hawk Retro motors (with a fixed gear ratio of 10:35) may be used in 2018.
2017	2.2.7.1	Added JK3031.
2017	2.4	Changed from homologation to Scale 24 specifications
2017	2.5	Homologation, previously labelled as 2.4
2017	5.3.1	Added specification for "1/24 Scale Car: SC-24"
2017	5.7.1	Changed from "his best two of three classes raced" to "from his best three of the four classes raced".
2017	5.7.2	Changed from "his best two of three classes raced" to "from his best three of the four classes raced".
2018	2.3.6.1	Added Pro Slot PS4001 (with any ratio) and sealed JK Hawk Retro motors (with a fixed gear ratio of 10:35, marked "7R 7R 7R 7R 7R") may be used. The Hawk Retro motors may not be opened.
2018	2.4.7.6	Added: Bodies shall have a maximum overall width of 83mm.
2018	2.3.5.1	Changed to: Pro Slot PS4001 (with any ratio) and sealed JK Hawk Retro motors (fixed gear ratio of 10:35) may be used.
2018	2.3.6.2	Fixed spelling error (Changed removed to removed).
2018	2.4.1.2	Added the word thick to 1701B15: (now reads 1.5mm thick).
2018	2.3.6.1	Added Pro Slot PS4001 (with any ratio) and sealed JK Hawk Retro motors – M8 and M28 (with a fixed gear ratio of 10:35, marked "7R 7R 7R 7R 7R" for M8 and "R R R R R" for the M28) may be used. The Hawk Retro motors may not be opened.
2018	2.4.1.11	Maximum Width of Chassis measured across front and rear wheels is 80mm.