



Rockingham

SCALEXTRIC Club

Unlimited Formula 1 and Monoposto,

• **The following cars will be eligible to race: -**

1. Any reasonably accurate 1/32 scale model of a real single seat, open wheel, racing car.

Note!

VANQUISH MG cars and bodies will not be permitted as they are too much over scale.

If you think any other cars should be excluded for any reason please let us know.

Alterations to the Formula 1 rules can only be made before the start of a season.

TECHNICAL REGULATIONS

1. Body

- a. All bodies must be a reasonably accurate 1/32nd scale representation of a real single seat, open wheel, racing car.
- b. Bodies must entirely cover the mechanical parts of the car - motors, gears, guide, etc - when viewed from above.
- c. Bodies must be made from hard plastic, resin, fibre glass, etc.
- d. Vacuum formed bodies are not permitted.
- e. White body kits must be painted and decaled.
- f. All cars must have a realistic colour scheme and carry at least three racing numbers.
- g. The cockpit may be opened up for detailing and parts of the nose may be cut away to clear the guide and wires.
- h. Cockpit interiors must be fitted, be as complete as possible, include a driver - minimum of head, shoulders, arms and steering wheel in 3D - and must be glued in place.
- i. Vacuum formed interiors are permitted but must be 3 dimensional, realistic and painted.
- j. No part of the chassis or running gear may be visible through the cockpit area.
- k. Windscreens must be fitted where they appear on the real car.
- l. Fragile details such as rear view mirrors may be omitted.
- m. Cars with the front wings and/or other details moulded as part of the chassis may have these parts removed from the chassis and reattached to the body if so desired.
- n. All cars which should be fitted with front and rear wings must have them securely fitted at the start of every race.
- o. Bodies must be securely fitted to the chassis using screws, pins or something similar. Sticky tape will not be accepted as a secure fixing and may only be used as a temporary fix during a race.

2. Chassis

- a. The material, design and construction of the chassis is entirely free subject to the following restrictions:
- b. Motors must be mounted 'inline', that is with the armature shaft at right angles to the rear axle.
- c. Rear wheel drive only is permitted.
- d. No part of the chassis may be visible outside the body of the car when viewed from above except where those visible parts represent parts of the real car - suspension arms, diffuser, splitter, barge boards, etc.
- e. Any chassis which uses a motor pod may have the pod fixing screws left loose but those screws must be prevented from falling out during racing.
- f. Any chassis which is fixed to the body with screws may have those screws left loose but they must be prevented from falling out during racing.

3. Motors

- a. Choice of motor is entirely free subject to rules 1b, 2b and 2c.

4. Gears

- a. Any gears intended for use in any slot car may be used, in any combination.
- b. Pinions may be glued or soldered to motor shafts and crown gears may be glued to axles.

5. Wheels

- a. Wheels are free choice but must be a realistic size for the car being modelled.
- b. Wheels may be glued to axles if desired.

6. Tyres

- a. Any brand of rubber tyre may be used subject to the following restrictions;
 - Front tyres: Must be a realistic size for the car being modelled.
 - Rear tyres: Must be a realistic size for the car being modelled.
- b. Tyres may be glued onto the wheels, and may be sanded true.
- c. Front tyres may be coated with nail varnish, super glue or similar.
- d. Any tyre cleaner used must not leave a residue on the tyres or track.
- e. Sponge tyres and tyre dressings (goop) of any kind are not permitted.
- f. **Tyres made from, or containing, Silicone must not be used.**

7. Rear Axles

- a. Rear axles are free choice but must not extend beyond the outer face of any wheel and are subject to a maximum overall car width of 70mm.
- b. Any type of rear axle bearings may be fitted, and may be glued into place.
- c. Rear suspension detail must be included if at all possible, and may be fixed to either the body or the chassis.

8. Front Axles

- a. Front axles are free choice but must not extend beyond the outer face of any wheel and are subject to a maximum overall car width of 70mm.
- b. Front axles must have any side to side movement restricted to comply with Rule 8a.
- c. Any type of plain front axle bearings may be fitted.
- d. Any car may be fitted with a steering unit if desired.
- e. Front suspension detail must be included, be as complete as possible, and may be glued to either the body or the chassis.

9. Slot Guide

- a. All cars must have one slot guide only.
- b. Any car may be fitted with any slot guide intended for use with any slot car.
- c. Guide to motor wires and pick up braids are free choice.

- d. Any car may have an easy-fit guide replaced with a conventional wired guide.
- e. Steering mechanisms do not have to be retained.

10. Ballast

- a. Ballast weight may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly glued in place.
- b. Traction magnets may be retained or removed as desired.

11. Ground Clearance

- a. There is no minimum ground clearance rule but at no time may the body, chassis, motor or gears touch the track surface in normal use.
- b. **When the car, race ready, is placed on a slotted, flat surface, all 4 tyres must touch the surface and all 4 wheels must rotate when it is pushed forward.**

12. Finally...

If the rules do not expressly say that you can do something then you cannot do it.

Index to amendments

<u>Issue No</u>	<u>Date</u>	<u>Amendment</u>
1	09/11/97	First draft.
1a	17/11/97	Allow any single seater not just F1. Used for 1st championship.
2	17/01/98	Rewritten with reference to 1/32 regulations. Free up gear ratios.
2a	08/03/98	Add Ninco cars and motors.
2b	14/11/98	Motors to be 'inline'. Add OZ Race motors.
2c	20/10/99	Add ProSlot cars, motors etc. Free up axle bearings.
2d	15/12/99	Restrict rear tyres to Ninco only.
2e	21/04/00	Free up guide rule.
2f	04/01/01	Add Carrera and MRRC cars, parts, and Slot-It gears.
2g	04/11/01	Add Slot-It wheels.
2h	06/09/02	Add BUM Slot, and Slot-it motors.
3	25/12/05	Motors de-restricted. NSR tyres and wheels added. Some wording simplified.
3b	20/12/08	Eliminate manufacturers list. Exclude Vanquish MG cars. Add part numbers for rear tyres.
3c	05/02/11	Allow any guide, inline with all other unlimited classes.

4	01/08/13	Simplify and clarify using standard wording for each section.
5	16/07/15	Revised to make a totally unlimited class.
5b	20/02/23	Revised to read better