



Rockingham

SCALEXTRIC Club

60s and 70s CLASSIC SPORTS & GT RACING CHAMPIONSHIP

This class is open to any 2 seat Sports Racing, Prototype or GT car that raced between 1/1/1963 and 31/12/1981.

•The following cars will be eligible to race: -

Fly Classic

Ferrari 512S, 512S Berlinetta, 512S Berlinetta CL, 250LM & 275LM
Porsche 906/Carrera 6, 908/2, 908/2 Flunder, 908/2 Flunder LH, 908/3, 917K,
917LH, 917/10 Turbo, Lola T70 Mk IIIb, Ford GT40 & GT40 MkII

- Only Sidewinder versions of the Fly cars are permitted.

GB Track

Chevron B19 & B21, Porsche 917PA (Spyder)

Policar

Ferrari 312PB, Ferrari P4/412P

NSR

Ford MkIV, Ford P68 (F3L), Ford GT40 MkII, Porsche 917K, Porsche 908/3
Porsche 917/10

Revell/Monogram

Lola T70 MkII

Scalextric

Ford GT40 MkI & GT40 MkII, Ferrari 330 P4/412P, Chaparral 2F

Spirit

Ferrari 512M, Porsche 936

Slotter/SRC

Alfa Romeo T33/TT12, Ferrari 312PB & 312PB CL, Lola T280 & T290
Matra MS670, Porsche 907K, 907LH, & 908

Slot-It

Alfa Romeo T33/3, Chaparral 2E, Ferrari 312PB long tail, Ferrari 512M, Ford GT40
MkI & MkII, McLaren M8D, Matra 670B

Thunder Slot

Lola T70 Coupe, Lola T70, McLaren M6, McLaren M1

Note: VANQUISH MG cars will not be allowed as they are too much over scale.

If you think any car or should be added to or removed from this list please let us know.

Once a class has been selected for a mini series no alterations can be made to the rules for that class until after the conclusion of the mini series.

TECHNICAL REGULATIONS

1. Motors & Motor Mounts

- a. All eligible cars must be powered by a commercially available Mabuchi 'S' can (FC130) motor with a manufacturer's rating not exceeding 23,000rpm at 12volts.
 - If a motor is rated at a higher voltage a simple straight line graph will be used to determine the rpm at 12 volts.
 - E.g. a motor rated at 26,000rpm @ 14volts.
 $26,000/14 = 1857 \times 12 = 22,286\text{rpm @ 12volts.}$
 - Manufacturer's figures will be accepted as correct.
- b. Shortening the armature shaft is the only modification permitted to any motor.
- c. Only Slot.It sidewinder motor pods and NSR or Thunder Slot low angle motor pods are permitted and can be either can drive or end-bell drive.
- d. The maximum permitted motor pod offset is 0.5mm.
- e. No modifications are permitted to the motor pod.
- f. Motor position in the motor pod may not be altered in any way.
- g. Motor pod mounting screws are free choice and may be left loose but must be prevented from falling out.
- h. Pod suspension systems are not permitted.
- i. Motors and/or motor pods may be glued into place if desired.

2. Gears

- a. All cars must be fitted with an 11 tooth pinion but the choice of spur gear is free.
- b. Pinions may be glued to motor shafts and spur gears may be glued to axles.

3. Wheels

- a. Any brand of plastic or machined aluminium wheels may be used provided they are of the correct size and style for both front and rear of the car they are fitted to.
- b. Wheels may be glued to axles if desired.

4. Tyres

- a. Any brand of solid rubber tyres may be used subject to the following restrictions:
 - Front tyres: Minimum diameter 16mm, minimum width 8mm.
 - Rear tyres: Minimum diameter 19mm, maximum width 12mm.
- b. Tyre treads must not protrude outside the car bodywork when viewed from above.
- c. Front axles must have any side-to-side movement restricted to comply with Rule 4b.
- d. Tyres may be glued onto the wheels, and may be sanded true.
- e. Front tyres may be coated with nail varnish, super glue or similar.
- f. Any tyre dressing/cleaner used must not leave a residue on the tyres or track.
- g. Sponge tyres and tyre dressings (goop) of any kind are not permitted.
- h. **Tyres made from, or containing, Silicone must not be used.**

5. Rear Axles

- a. Rear axles are free choice but must not extend beyond the outer face of any wheel. See also Rule 4b.
- b. Any type of plain rear axle bearings may be fitted and may be glued into place.

6. Front Axles

- a. Front axles are free choice but must not extend beyond the outer face of any wheel. See also Rules 4b and 4c.
- b. Any type of plain front axle bearings may be fitted and may be glued into place.

7. Slot Guide

- a. All cars must be fitted with one standard depth slot guide.*
- b. Any car may have an easy-fit guide replaced with a conventional wired guide with the minimum necessary modification made to the chassis.
- c. Guide to motor wires and pick up braids are free choice.

8. Lights etc.

- a. Any car fitted with working lights may have the light bulbs, LED's, wiring, PC board, and any other internal fittings removed, but must retain all external lenses.

9. 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.

10. Body and Chassis

- a. Bodies must be used complete and unmodified except as detailed below.
- b. Bodies may be repainted provided that doing so does not distort the body.
- c. White body kits must be fully painted.
- d. All cars must have a realistic colour scheme and carry at least three racing numbers.
- e. The original interior must be retained as complete as possible and include a full length driver. Interiors may be glued in place.
- f. No part of the chassis or running gear may be visible through the cockpit/cabin area.
- g. Windscreen and window mouldings must be retained, and be complete and original.
- h. Wheel arches may not be enlarged in any way but moulding flash may be cleaned off.
- i. Rear view mirrors and spare wheels and tyres may be omitted but all other detail parts must remain fitted.
- j. Cars that have wings must have them securely fitted at the start of racing.
- k. The chassis may only be modified as detailed in Rules 1, 5, 6, 7, 8, 9, and 10.
- l. Chassis ride height may not be lowered in any way.
- m. Body to chassis mountings may not be lowered in any way.
- n. Minor scraping or sanding of the body sides and/or chassis edges is permitted to allow the body to move freely on the chassis.
 - This includes removal of any internal pegs etc. that rest on the motor, axle bearings or chassis sides.
 - Removal of other parts of the body or chassis for this purpose is not permitted.
- o. Body fixing screws are free choice and may be left loose but must be prevented from falling out.

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.**

c.

12. Finally...

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

*Definition of a 'standard depth slot guide'

- a. Any slot guide supplied as original equipment by the manufacturer with any ready-to-run slot car eligible for the class.
- b. Any aftermarket slot guide intended for use in any ready-to-run slot car which can be fitted without modification to the guide or guide mount and having a blade depth, excluding braids, not exceeding 7.0mm.

Index to amendments

<u>Issue No</u>	<u>Date</u>	<u>Amendment</u>
1	02/02/07	First draft.
1a	17/02/07	Clarification to Slot-It motor mount and gears. Allow aluminium set screw wheels.
1b	14/12/07	Add Scalextric Chaparral 2F.
1c	20/08/08	Add Slot-It Alfa T33/3.
2	23/05/09	Allow Scaleauto SC-0008 20,000rpm Silver can motor. Add Fly Ferrari 250LM & 275LM. Add Spirit Porsche 936. Add NSR Ford MkIV and Porsche 917K.
2a	04/07/09	Add Revell/Monogram & Sloter Lola T70s.
2b	27/07/10	Add NSR Ford P68.
2c	24/12/10	Add Slot.It & NSR Ford GT40s. Add Scaleauto SC-0020 20,000rpm Blue can motor.
2d	05/11/12	Add Scaleauto SC-0008B 20,000rpm Silver can motor.
2e	21/12/12	Add 'definition of a standard depth slot guide'.
3	18/06/13	Rename from Fly Classic plus to Slot.It & NSR Classics. Revise all rules.
4	01/08/13	Simplify and clarify using standard wording for each section.
4a	03/12/13	Add Slot.It McLaren M8D
4b	05/12/14	Add Slot.It Matra 670B
5	21/11/15	Allow the use of commercial 3D printed chassis.
5a	19/06/18	Allow Thunder Slot cars and revise/clarify some wording.
6	21/01/19	Add list of eligible cars from Fly Classic class list.
7	06/01/20	Motors up rated to 23,000rpm & car list updated.
7a	06/02/23	Add Slot.It Ferrari 512M, Policar Ferrari 312PB, NSR Porsche 908/3
7b	21/02/23	remove alternative chassis and scratch built.
7c	12/04/23	Add Nsr 917/10