



Rockingham

SCALEXTRIC Club

BPR GLOBAL 1990's GT CHAMPIONSHIP

• Only the following cars will be eligible to race: -

Carrera

Dodge Viper

Fly

Callaway Corvette, Corvette C5R GT1, Dodge Viper, Ferrari F40, Lister Storm, Marcos LM600, Panoz Esperante GT1, Porsche 911 GT1-96, Porsche 911 GT1 Evo, Saleen S7R GT1, Venturi LM400 / LM600

Mr Slotcar

Jaguar XJ220, McLaren F1 GTR

Ninco

Ford GT, Lamborghini Murcielago, McLaren F1 GTR, Mercedes CLK GTR, Porsche 911 GT1-96. Callaway Corvette

Policar

Ferrari F40

ProSlot

Ferrari F355, Porsche 911 GT2, Porsche 911 GT3

ScaleAuto

DeTomaso Pantera

Scalextric

Ferrari F40, Jaguar XJ220, Mercedes CLK LM, Porsche 911 GT1-96, TVR Speed 12 GT1

SCX

Corvette C6R GT1, Aston DB7, Ferrari 550

Slot-it

Ferrari F40

This list is based on known Ready-to-Run models of GT cars that raced in the BPR Global GT Endurance Series races of the '90s.

If you think any car 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 use a commercially available Mabuchi 'S' can (FC130) motor with a manufacturer's rating not exceeding 20,000rpm 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 23,000rpm @ 14volts.
 $23,000/14 = 1643 \times 12 = 19,716\text{rpm @ 12 volts.}$
 - Manufacturer's figures will be accepted as correct.
- b. Shortening the armature shaft is the only modification permitted to a motor.
- c. Motors may be mounted in either inline or sidewinder configuration.
- d. Motors may be fitted using the original motor mount, which may be modified if necessary to accept a Mabuchi 'S' can motor. A single piece of plastic or wire may be used to support the 'free end' of a Mabuchi 'S' can motor if desired.
- e. Alternatively, any commercially available motor mount with a maximum offset of 0.5mm may be used. Motor mounts may not be modified in order to adjust the position of the motor.
- f. Motors and/or motor mounts may be glued into place if desired.

2. Gears

- a. Any suitable make and ratio of gears is permitted.
- b. Inline crown gears must be of the type where the mesh is set by the motor shaft. No split gears are allowed.
- c. Pinions may be glued to motor shafts and crown gears may be glued to axles.

3. Wheels

- a. Any wheels fitted as original equipment by the manufacturer to any eligible car may be used and may be fitted to any other eligible car.
- b. Any brand of plain or moulded plastic, or plain solid aluminium, wheels may be used. No drilled, slotted, grooved or "air" wheels are permitted.
- c. All wheels must be of a style that represents a real wheel as used on the real car or have suitable inserts fitted.
- d. Wheels may be glued to axles if desired.

4. Tyres

- a. Any brand of solid rubber tyre may be used subject to the following restrictions:
 - Front tyres: Minimum diameter 17.5mm, minimum width 8mm.
 - Rear tyres: Minimum diameter 19mm, maximum width 11mm.
- b. Rear tyres may be of any make which has the manufacturer's branding displayed on the outside sidewall.

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

5. Rear Axles

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

6. Front Axles

- a. Front axles must be plain solid steel must not extend beyond the outer face of any wheel.
See also Rules 4c and 4d.
- b. Any type of plain front axle bearings may be fitted and may be glued into place.
- c. Cars fitted with stub axles may have them replaced with a single, solid axle.
- d. "Tubing" the front axle is not permitted.
- e. Spacers and stoppers are free choice.

7. Slot Guide

- a. All cars must only 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, pick up braids, guide spacers and washers are free choice.

8. Lights etc.

- a. Any car fitted with working lights may have the light bulbs, LED's, wiring, PC board, and 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 must be removed.

10. Body and Chassis

- a. The total weight of the body including interior must be a minimum of 25.0g.
- b. Bodies and chassis must be used complete and unmodified except as detailed below.
- c. Bodies may be repainted provided that doing so does not distort the body.
- d. White body kits must be fully painted.
- e. All cars must have a realistic colour scheme and carry at least two racing numbers.
- f. Vacuum formed or other light weight interiors are permitted including at a minimum the driver head, shoulders, arms and steering wheel in 3D.
- g. No part of the chassis or running gear may be visible through the cockpit/cabin area.
- h. Windscreen and window mouldings must be retained as original, except that any centre section of clear plastic under the roof may be removed.
- i. Wheel arches may not be enlarged in any way but moulding flash may be cleaned off.
- j. Rear view mirrors may be omitted but all other detail parts must remain fitted.
- k. The chassis may be the chassis originally intended for the body being used, or a commercially available 3D-printed chassis designed for the specific body may be substituted.
- l. When fitting an S-can motor to a chassis originally designed for another type of motor the minimum necessary modification may be made to the chassis in order to fit the new motor. See also Rule 1.
- m. Any commercially available motor mount with a maximum offset of 0.5mm may be used. Motor mounts may not be modified in order to adjust the position of the motor.
- n. Chassis ride height may not be lowered in any way.
- o. Body to chassis mountings may not be lowered in any way.
- p. 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.
- q. Body fixing screws are free choice and may be left loose.
- r. Adhesive tape or 'blue tack' must be placed over the body fixing screw holes to prevent screws 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**

12. Overall Weight

- a. The total weight of the complete car must be a minimum of 79.0g.

13. 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

Issue No	Date	Amendment
1	11/10/2017	First draft.
2	18/01/2023	Car models added following AGM 2022