



Rules for “Endurance-InterSeries”

Basic Rules for Classes A, B, C, D

The Series will be run on both wood routed and plastic based home and club tracks offering a variety of surfaces. The plastic tracks will be Scalextric Sport, Carrera and Policar. Guide having a blade depth, excluding braids not exceeding 7mm, thickness maximum 1.7mm and length 21.5mm. No wood guides. Guides must not protrude in front of the body.

To avoid running duplicate cars across Classes, if any car is listed for Class A, B, C or D, the same car model type is not entered into any of the other car eligible class lists. The RoadRace administrator decides which car models is most eligible for each class based on best available historic information and how it best fits into the structure of the event. (Reference www.racingsportscars.com.)

24 HRS Endurance Modern (Class A) 1990 to date

Theme- Any Endurance GT type car (GT1, GT2, GT3 etc), Prototype, or Group C car which has taken part in a 24 hours race.

Class A Rules – Modified Basic RTR : Scalextric, SCX, Carrera, Fly (Standard) or Ninco (Sports) models or with upgrades allowed as specified below.

A1) Fitting of lights is not mandatory but cars fitted with them working will be awarded 8 bonus points to the Teams joint score at the end of the series. *It is hoped that some of the stages might be conducted in subdued lighting.*

A2) Motors

All eligible cars must use a commercially available Mabuchi or equivalent ‘S’ can (FC130) motor

with a manufacturers rating not exceeding 20K rpm at 12 volts. Motors may be mounted either in line or sidewinder configuration.

A3) Body & Interior

The total weight of body and interior must be a minimum of 25 grams.

a) Body must be from one of the original RTR models which is specified in the list above. Clear view windscreens and windows must be provided (no blacked out windows). Rear view mirrors may be omitted but all other details parts must remain as fitted.

b) Interior can be that supplied with the original body or a Vacuum formed or lexan interiors but must be realistic and a 3d representation of driver and interior appropriate to the model type intended, and must be fully painted.

A4) Chassis

can be that of the original model supplied, a 3d printed matching chassis or a Slot it HRS universal chassis. Suspension is not allowed.

A5) Gears, axles, wheels, bushes, guide, braid, motor wire etc (All parts must be commercially available). Standard parts as supplied in the RTR model, alternative parts can be fitted. The wheels /tyres must not protrude outside the model wheel arches of the model when viewed from above. All 4 wheels must be in contact with the track and all 4 wheels must rotate.

Wheel inserts appropriate to the Class must be included.

Upgrade parts

Any brand of plain or moulded plastic, or solid aluminium, wheels may be used. No drilled, slotted, grooved or air wheels permitted. Axles must be solid steel of uniform diameter (ie not hollow or titanium or carbon). All constructional upgrade parts must be declared during the Registration process.

A6) Tyres

Any rubber compound can be used. Tyres can be glued and trued.

A7) Ballast

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.

A8) Overall weight of the assembled car

Must be a minimum of 75 grams

A9) Ground clearance and dimensional requirements

Minimum motor to track clearance 1.5mm.

Maximum overall outside front and rear tyre wall width 65mm.

Classic Le Mans (1950-1964) Class B

Theme- Any sports or prototype race car which was entered in the Le Mans Race. Class for RTR, modified or scratch built models.

Class B Rules

B1) Fitting of lights is not mandatory but cars fitted with them working will be awarded 8 bonus points to the Teams joint score at the end of the series. It is hoped that some of the stages might be conducted in subdued lighting.

B2) Bodies Interior & Chassis

All body shells must be of hard plastic, glass fibre, resin or 3D printed materials, Clear view windscreens and windows must be provided. Vacuum formed windows and headlight covers are permitted.

Rear view mirrors may be omitted but all other details parts must remain as fitted. Vacuum formed or lexan interiors are permitted but must be realistic and be a 3d representation of driver and interior.

The chassis can be as that which was supplied as a RTR model, alternatively the use of 3d printed, universal chassis or brass constructed is permitted.

B3) Motors

Motor with a manufacturer's rating not exceeding 20.5K rpm at 12 volts. Motors in RTR models can be changed and orientation altered with the appropriate motor pod/chassis. Motors can be small can, Short Can, Long Can, Flat Can or Slim Can, or RX construction. Motors must not be modified from manufacturers specification. Motors with excessive magnet traction are not allowed (eg Avant 20103, MB Dodo and BRM Super Evo).

B4) wheels & tyres

Front Wheels & Tyres -Minimum Diameter of 18mm, minimum width 5mm

Rear Wheels & Tyres- Minimum Diameter of 20mm, maximum width of 8mm

Any Rubber tyre compound can be used. Tyres can be trued and glued.

Wheel inserts appropriate to the class must be included.

B5) Gears, axles, wheels, bushes, guide, braids & motor wire

(All parts must be commercially available)
free choice.

B6) Ballast

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.

B7) Ground clearance and dimensional requirements

Minimum motor to track clearance 1.5mm. All four tyres must touch the track surface when placed on the track and all four wheels must rotate.

Maximum overall outside tyre wall width 58mm

Classic Daytona (1975-1980) Class C

Theme- Any Sports or Group 5 cars (excluding prototype GT cars)

Class C Rules

C1) Fitting of lights is preferred and cars with them working will be awarded 8 bonus points to the Teams joint score at the end of the series. *It is hoped that some of the stages will be conducted in subdued lighting.*

C2) Bodies Interior & Chassis

All body shells must be of hard plastic, glass fibre, resin or 3D printed materials, Clear view windscreens and windows must be provided. Vacuum formed windows and headlight covers are permitted.

Rear view mirrors may be omitted but all other details parts must remain as fitted. Vacuum formed or lexan interiors are permitted but must be realistic and be a 3d representation of driver and interior.

The chassis can be as that which was supplied as a RTR model, alternatively the use of 3d printed, universal chassis or brass constructed is permitted.

C3) Motors

Motor with a manufacturer's rating not exceeding 23,000rpm at 12 volts. Motors in RTR models can be changed and orientation altered with the appropriate motor pod/chassis. Motors can be small can, Short Can, Long Can, Flat Can or Slim Can, or RX construction. Motors must not be modified from manufacturers specification. Motors with excessive magnet traction are not allowed (eg Avant 20103, MB Dodo and BRM Super Evo).

C4) wheels & tyres

Front Wheels & Tyres -Minimum Diameter of 17mm, minimum width 8mm

Rear Wheels & Tyres- Minimum Diameter of 19mm, maximum width of 10mm

Any Rubber tyre compound can be used. Tyres can be trued and glued.

Wheel inserts appropriate to the class must be included.

C5) Gears, axles, wheels, bushes, guide, braids & motor wire

(All parts must be commercially available)
free choice.

C6) Ballast

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.

C7) Ground clearance and dimensional requirements

Minimum motor to track clearance 1.5mm. All four tyres must touch the track surface when placed on the track and all four wheels must rotate.

Maximum overall outside tyre wall width 64mm

Theme- Any Interseries, Can Am or Le Mans prototype GT (1966-1975)

Class D Rules

D1) Fitting of lights is not mandatory but cars with them working will be awarded 8 bonus points to the Teams joint score at the end of the series. *It is hoped that some of the stages will be conducted in subdued lighting.*

D2) Bodies Interior & Chassis

All body shells must be of hard plastic, glass fibre, resin or 3D printed materials, Clear view windscreens and windows must be provided. Vacuum formed windows and headlight covers are permitted.

Rear view mirrors may be omitted but all other details parts must remain as fitted. Vacuum formed or lexan interiors are permitted but must be realistic and be a 3d representation of driver and interior.

The chassis can be as that which was supplied as a RTR model, alternatively the use of 3d printed, universal chassis or brass constructed is permitted.

D3) Motors

Motor with a manufacturer's rating not exceeding 23,000rpm at 12 volts. Motors in RTR models can be changed and orientation altered with the appropriate motor pod/chassis. Motors can be small can, Short Can, Long Can, Flat Can or Slim Can, or RX construction. Motors must not be modified from manufacturers specification. Motors with excessive magnet traction are not allowed (eg Avant 20103, MB Dodo and BRM Super Evo).

D4) wheels & tyres

Front Wheels & Tyres -Minimum Diameter of 17mm, minimum width 8mm

Rear Wheels & Tyres- Minimum Diameter of 19mm, maximum width of 12mm

Any Rubber tyre compound can be used.

Wheel inserts appropriate to the class must be included

D5) Gears, axles, wheels, bushes, guide, braids & motor wire

(All parts must be commercially available)
free choice.

D6) Ballast

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.

D7) Ground clearance and dimensional requirements

Minimum motor to track clearance 1.0 mm. All four tyres must touch the track surface when placed on the track and all four wheels must rotate.

Maximum overall outside tyre wall width 68mm