

## **Rules for “Brighton to John O’Groats Run”**

**List of types of car models allowed to run** – Based on any closed wheel 1/32nd scale models of Sports, Touring, Rally, Muscle or Supercars which would have been manufactured as a street legal car “in the real world” in production for at least 3 consecutive years.

Not allowed - Test/ LMP, Group C, GT1, Group 5, Group B or similar race series specific modified racing and Rally cars, off road, Nascar, Fictional or fantasy cars. If in doubt please contact the event administrator.

### **General Rules for both Classes A, B&C**

***G1) DIMENSIONAL Regulations- Maximum width class A/B (64mm) & Class C (58mm) across rear wheels and tyres, wheels and tyres must not protrude beyond the wheel arches. The minimum chassis/motor to track clearance is 1.5mm (front to rear axles except for the guide). Body components can be lower but as most tracks are plastic there can be a possibility of scraping on the contact rail or track surface which will hinder the speed of the car. Maximum guide depth 6mm, thickness maximum 1.7mm and length 21.5mm***

G2) Chassis can be lightly sanded or trimmed to assist with body roll

G3) Tyres must be made of a commercially available Rubber (must be dry to the touch) or Polyurethane. Silicone, sponge or oil soaked rubber will not be allowed.

G4) Ballast if added must remain inside the chassis or body, no ballast allowed underneath the chassis or as a replacement for part of the chassis.

G5) No traction Magnets

### **Scalextric Class A**

**General Requirements-** Must be 1/32 scale Scalextric (Hornby), not Spanish Scalextric/SCX with original body with “fitted interiors and driver” (blacked out window models will be checked for full interiors). Original chassis, motor, axles, wheels, bushes and gears as supplied. Only Analogue models with magnets removed.

#### **Minor Modifications allowed;**

S1) Standard Scalextric Guide - can be replaced for an alternative of Sprung guide.

S2) Electrical- motor wires can be changed, interference suppressor and lighting systems can be removed.

S3) Chassis - must remain complete with all the original parts. Stabilising the front axle by inserting a hollow tube across the moulded chassis axle holders can be done, as long as the original axle and wheels are refitted.

S4) Bodywork modifications - Original cockpit may be modified only by having excess material removed from the underside to aid fitment and body roll, body mounting holes can be enlarged and mounting posts can be trimmed to lower ride height. Minor bodywork details like mirrors, spotlights and aerials can be omitted. Body mounting screws can be changed.

S5) Motors and bushes can be glued.

## **Modified or open B class**

**General Requirements** – open class 1/32nd scale RTR (cars not listed in class A).

Class A models which may be modified with changes listed here.

Model kits or fully assembled cars using unrelated components.

### **Modification restrictions.**

M1) All parts must be commercially available.

M2) Bodies and interiors with drivers must be fully decorated and made of hard plastic mouldings. Vac formed bodies are not allowed.

M3) Interiors maybe made of lightweight lexan or 3D materials but must include head, shoulders and steering wheel.

M4) Cars must start and finish each stage with matching body, windows and interior.

M5) Chassis can be original as supplied, upgraded with a replacement equivalent part or a 3D printed chassis. No metal or lexan chassis parts allowed.

M6) Motors in RTR models can be changed and orientation altered with the appropriate motor pod/chassis. Only 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 magnetraction are not allowed (eg Avant 20103, MB Dodo and BRM Super Evo)

M7) All wheels must have appropriate inserts fitted at the start of each stage.

M8) All other components are free choice.

## **Historic “memorial road race”– Class C**

**Theme-** Any car model which actually took part in the “Tour de France Automotive” Road races between 1951 and end 1979. A list of eligible cars available on request from the RoadRacer administrator. The cars livery has to be period based but not actually of the cars which entered.

**General Requirements** – open class 1/32nd scale RTR (cars not listed in class A).

Class A models which may be modified with changes listed here.

Model kits or fully assembled cars using unrelated components.

H1) All parts must be commercially available.

H2) Bodies and interiors with drivers must be fully decorated and made of hard plastic mouldings. Vac formed bodies are not allowed.

H3) Interiors maybe made of lightweight lexan or 3D materials but must include head, shoulders and steering wheel.

H4) Cars must start and finish each stage with matching body, windows and interior.

H5) Chassis can be original as supplied, upgraded with a replacement equivalent part or a 3D printed chassis. No metal or lexan chassis parts allowed.

H6) Motors in RTR models can be changed and orientation altered with the appropriate motor pod/chassis. ***Any eligible car maybe fitted with any commercially available motor with a manufacturers rating not exceeding 20,000rpm at 12 volts,***

which 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 magnetraction are not allowed (eg Avant 20103, MB Dodo and BRM Super Evo)

H7) All wheels must have appropriate inserts fitted at the start of each stage.

H8) All other components are free choice.

### **Technical Inspection**

Before the event competing cars will be inspected to check they are in compliance of the rules and to check for any postal damage.

If a car is found to be not compliant with the rules or is found to be damaged, the sender will be contacted and a decision will be made as to if the competitor wishes to have the entry withdrawn, or if it is agreed to attempt repair or modification by the scrutineer. If there is a minor infringement of the rules the car may be allowed to run, but a time penalty may be applied at each stage by the hos

### **Servicing by hosts**

A quick service inspection will be at every host stage.

Braid adjustment and cleaning, tyre cleaning, axle and gear lubrication.

Cars that are found to require an unreasonable amount of repair may be withdrawn at any stage during the competition. The owner will be notified but the cars will not be returned until the end of the competition.



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Host event coverage

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