

Monaco Gran Prix Miniature Racing Club
MGPMRC
November 1, 2007
Rules, Procedures and Technical specifications

Class Rules / Specifications:

1/32 C-Production Sprint Cars

Oval Racing Spring, 2008

Car: 1/32 scale replica of a car that ran in local dirt oval Sprint Car series races. It is to be built from a Sprint Plus kit (model #'s SPR1001 (no motor) SPR1002 (w/ motor)) or SPR1050 (chassis only). 4 Sprint Car bodies are also available from Sprints Plus to fit this chassis (Stanton, Gambler, Osborne, and Kinser). These will be raced as Wingless Sprint Cars for this series.

Body: 1/32 scale clear plastic or lexan vacuum-formed replica body but may be of hard plastic. Overall body shape must closely resemble the appearance of an actual full-size racing car that raced in the specific class. 4 Sprint Car bodies are available from Sprints Plus (Stanton, Gambler, Osborne, and Kinser). (additional bodies should be proposed to the Technical Committee for review and approval). Bodies must be painted and have a 3 dimensional driver and some form of an interior so that the chassis may not be seen. The body may be mounted using any conventional means. (pins, body clips, screws, Velcro, tape).

Chassis: Must be a Sprint Plus kit (model #'s SPR1001 (no motor) SPR1002 (w/ motor)) or SPR1050 (chassis only) OR a narrowed Womp-style (in-line motor) chassis (the narrowed chassis is not recommended, but will be allowed after careful inspection with body off). The axle bushings may be soldered to the chassis. Ball bearings are not allowed. The rear of the chassis may be strengthened using brass or piano wire and may include a piano wire or brass loop for strength or protection. A bumper or pickup protection loop may be constructed from brass or piano wire and soldered to the front of the chassis. A side nerf bar may also be added, as appropriate for this style of car, but not pose a hazard to corner marshals and may not exceed the overall width of the car of 2½". The chassis may not be bent or cut and must be flat along its entire bottom surface. Stick-on or glued lead or brass weight may be added. There must be .047" clearance under the chassis except for the guide, wheels and tires.

Chassis must be constructed in such a manner as not to inflict injury or damage to corner marshals, anyone else, other cars or the track.

Wheels / Tires: All tires must be black. Front tires / wheels may be o-rings or wider tires mounted on a 1/8" or 3/32" front axle. The rear axle must be 1/8" with the appropriate wheels and tires. The overall maximum width is 2½" from outside to outside. (wheels, tires, axles, body, etc.).

Motors: Must be Parma Deathstar or less (no Super 16d). This includes the Parma 16d Deathstar (not blueprinted); Parma 16d pink endbell (either diapered or not); Parma white endbell; any currently available Plafit Cheetah, JK Falcon, or Slick-7 style of motor. No other motors are allowed. Lead wires may be replaced. The motor may not be opened or modified in any way and must be left as manufactured. (replacement brushes are allowed)

Gears: Must be 48 pitch and may be any ratio (8 or 9 tooth pinion and 29 tooth crown suggested). Gears are subject to ground clearance restrictions. Pinions are usually metal and Crown gears may be nylon / plastic or metal.

General: Minimum ground clearance is .047 except for wheels and tires and guide flag. Note that this includes the gears. Maximum width from outside to outside of wheels and tires is 2½" (2.52" to be exact).

Track Power: This class will be run on Low Power as defined by the MGPMRC rules.

Tech Inspection: The determination of technical qualification for the event rests upon the discretion of the Technical Director. Either pre-race or at the conclusion of a race, if the results are challenged or at the discretion of the Technical Director, any car may be given a thorough breakdown inspection with the body removed. At that time the car may be disqualified at the determination of the Technical Director resulting in the removal of that car and driver from all points scoring positions for that race.