

Monaco Gran Prix Miniature Racing Club
MGPMRC
April 18, 2006
Rules, Procedures and Technical Specifications

Special Class Rules / Specifications: **“C” Euroscale Vintage Formula 1**

Plastic Track Racing
April, 2006 – March, 2007

Car: 1:32 scale replica of a car, which has run in Formula 1 during the 1940's, 1950's and early 1960's. The class is limited to these cars only: Scalextric Maserati 250F F1, Ferrari 156 F1 (Sharknose), Cooper Climax T53 F1 and Vanwall F1; Cartrix Maserati 250-F and Merce3des W196; Pink Kar Auto Union Type C 1936, Bugatti Type 59; and Autoart Auto Union. Any of the available paint schemes are allowable. The spirit of this class is a very nearly "box-stock" car that is a model of the older Formula 1 cars that had narrower tires and sat up a little higher. They are not expected to handle very well with the narrower tires which is why the original traction magnets are allowed. It must be a hard plastic ready-to-run style with integrated body and chassis. May not be a car that comes with set screw wheels or gears.

Body: Must be kept complete with manufacturer's interior as supplied. The body must fully cover the chassis as delivered from the factory. It must be attached via screws to the chassis. It is desirable that the car resembles a full-size racer that competed in these classes. However, it is allowable to repaint the body, interior and driver as desired but each must retain a prototypical appearance. A replacement plastic or resin, etc. body may be not used except an exact replacement body made by the same manufacturer, intended to replace the original slot car body.

Chassis: Must be original, completely unmodified in any way with the following exceptions: weight may be added, front axle may be sleeved or made rigid but must retain original axle diameter and location (one piece axles may be used in lieu of stubs). Axle bearings may be glued in place or replaced with similar style (snap-in). No ball bearings are permitted. Motor and/or rear axle carrier may be glued in place. Chassis must be held to body via under-body screws. Weight may be added on the top or bottom of chassis. Added weight is subject to the minimum ground clearance. It is strongly recommended that sheet lead be used. A pan may not be added in any form when intended to enhance the chassis. Any weight attached under chassis must pass the minimum clearance test. The weight may not be in the form of brass, piano wire or some other structural material intended to enhance the original chassis.

Pickup may be replaced but must not be so deep as to routinely drag the bottom of the Sport Scalextric track slot.

Wheels / Tires: Only the original rubber or slip-on replacement natural rubber tires (including Ortmann) or silicone tires are permitted provided they fit the original wheels. Wheels may be replaced but may only be replaced by exact replacement wheels from the same manufacturer. Tires must be black or a very dark color, close to black. Foam, sponge, tuna or similar tires are not allowed. Substitution wheels are only allowed if from the same manufacturer, press-on and are the same exact size and use the same size axle. Wheels may be glued on. Tires may be glued to wheels. No setscrew wheels are allowed. The same approximate width dimension of from outside of wheel and tire to the outside of the other wheel and tire must be maintained.

Motors: Motors must be the original as supplied in the car from the manufacturer. If a special version of a car is released with a higher power motor than those available now, it may not be allowed due to the higher power of the motor. If the original motor fails, only an exact replacement, not an upgrade, may be used. The motor may not be modified in any way and must be left as manufactured.

Gears: Only the original gears or replacement press-on gears are permitted. No setscrew gears are permitted. Gears are subject to ground clearance restrictions.

Magnets: When this class is to be run on a plastic track, either for a series or a single race, only the original single traction magnet as delivered from the manufacturer is allowed. Only one magnet is allowed and it must be in the manufactured position unless the manufacturer has provided multiple locations for the magnet. In that case, it may be located in any one of the manufacturer intended locations. In no case may the magnet be located anywhere other than the manufacturer's intended position(s). If the manufacturer has supplied more than one magnet with the car (such as Sport Scalextric), only the original magnet, usually a bar magnet, may be used. Manufacturer's replacement magnets are not allowed, nor are those of other suppliers.

General: Minimum ground clearance is .047" for everything except wheels and tires and guide flag. Note that this includes the gears. Maximum overall width of car is 2.52", including wheels and tires. No replacement parts may be used, whether supplied by the same manufacturer or not.

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.