

14.4 200mm IC Circuit 1/10th scale

14.4.1 Classes

14.4.1.1 Pro – 4wd cars conforming to measurements and specification rules below.

14.4.1.2 Pull start – 4wd cars conforming to measurements and specification rules below.

14.4.2 General Construction

14.4.2.1 All cars must have de-clutching device and have an operating brake capable of stopping the car and holding the car motionless with the engine running.

14.4.2.2 Chassis must be commercially available and bought as a branded 180mm to 200mm scale saloon.

14.4.2.3 The front bumper must follow the body contour and must be constructed so as to minimize injury that may result from being hit by a car.

14.4.2.4 Both 2wd and 4wd propulsion and braking is allowed.

14.4.2.5 Only single and 2 speed transmissions are permitted.

14.4.2.6 Exhaust pipe, should be of a 2 or 3 chamber construction and be stamped with a EFRA homologation number engraved on the sidewall of the muffler.

14.4.2.7 INS boxes should be fitted to the carburettor conforming to EFRA specifications. Pro class only.

14.4.3 Appearance

14.4.3.1 All cars must suitable arrangements for racing numbers to be displayed facing to the front and one side as directed by race control.

14.4.3.2 No car may be driven without a body shell being securely fitted at all times.

14.4.3.3 When initially entered in a meeting the body must be neatly finished and painted.

14.4.3.4 Only one rear wing is permitted.

14.4.4 Body shells

14.4.4.1 Only body shells as follows:

Honda Accord, Dodge Stratus, Opel Vectra, BMW 3-series, Ford Mondeo, Nissan Primera, Alfa Romeo 156, Chrysler 300M, Mercedes DTM2000, Volvo S60, Audi A4, Lexus Is200, Renault Laguna, Volvo S40, Volvo 850, Peugeot 406 or any suitable scale saloon shell. No GT or Sports car shells allowed (ie Group C, Lola etc.)

14.4.5 Measurements

14.4.5.1 A hole a 50mm maximum diameter of the height of the windscreen is permissible in the front windscreen for engine cooling.

14.4.5.2 Windscreen and all other windows must be transparent. Only the front side windows and the rear window may be removed in part or whole, other windows must remain clear and the rear side windows must remain intact. No windows to be bent to the outside.

14.4.5.3 A hole a maximum size of 30mm diameter is allowed in the roof for refuelling.

14.4.5.4 A hole a maximum size of 15mm diameter is allowed in the roof to access the glow plug.

14.4.5.5 A hole a maximum size of 10mm diameter is allowed in the roof for access to the mixture screw.

14.4.5.6 A hole a maximum size of 10mm diameter is allowed for an aerial tube to protrude.

14.4.5.7 Min weight without fuel and including transponder 1700g.

14.4.5.8 Height of the top of the roof (measured with a 10mm spacer under the chassis plate level) 120mm Min / 175mm Max

14.4.5.9 Width without body 170mm Min and 200mm Max.

14.4.5.10 Wing are allowed only if fitted to the original car and must be in the original position and may not project above the height of the roof line.

14.4.6 Tires

Pro class

14.4.6.1 Only rubber or foam tires are permitted. Wheels width (incl.tyre bead) and tyre width (across side walls):
Max. Front width 31mm / Rear 31mm

14.4.6.2 Tire inserts may only be made of foam,rubber,sand or adhesive tape.

14.4.6.3 TREATMENT OF THE TIRES WITH ADDITIVES IS PROHIBITED.

Pull start class

14.4.6.4 Only rubber tires permitted.

14.4.6.5 TREATMENT OF THE TIRES WITH ADDITIVES IS PROHIBITED.

14.4.7 Engines

Pro Class

14.4.7.1 The engines may only have 4 ports including the exhaust port with a cylinder capacity up to 0.12cu inches or 2.11 cc.

14.4.7.2 A max. carb diameter of 5.50mm

Pull start Class

14.4.7.3 The engines may only have 4 ports including the exhaust port with a cylinder capacity up to 0.16cu inches small block only are allowed.

14.4.7.4 Fully functional pull starts including cord, casing, spring, pulley, one way bearing and crank extension, must be fitted to the car at all times.

14.4.7.5 Only engines which are specifically design for use with a pull start may be used.

14.4.8 Pro & Pull start Classes

14.4.8.1 Only methanol with 16% nitro methane is allowed in fuel for combustion purposes.

14.4.8.2 The fuel tank including filter & fuel pipe up to the carburettor may hold a maximum of 75ml. No loose inserts allowed in the tanks.

14.4.8.3 The engine must be fitted with an adequate silencing system and must not exceed 77db at meters. The maximum internal diameter of the outlet pip is 5.2mm. The minimum total length of the outlet pipe is 10mm.

14.4.8.4 Standard and conical glow plugs are allowed.

14.4.9 Heats & Finals

14.4.9.1 All heats shall be 5 mins. in duration plus time to finish lap

14.4.9.2 Finals shall be a line start with each car spaced 2 meters on a staggered grid.

Pro Class

14.4.9.3 The A final shall be of 30 mins. duration, B final shall be 20 mins. duration and all subsequent finals should be of 10 mins.

Pull start Class

14.4.9.4 The A final shall be of 15 mins. duration, B final shall be 10 mins. duration and all subsequent finals should be of 5 mins.

14.4.10 Pro & Pull start Class

14.4.10.1 Cars must be lifted out of pit lane when being refuelled.

14.4.10.2 A Maximum of one machine per driver will be permitted in the pit lane service area during refuelling.