



Inter Speed Promotions



2013 Specifications, Rules & Regulations

This Formula is NON-CONTACT and cars should be prepared with a professional racing appearance. This standard is required to be kept up throughout the driver's racing season. Cars with tatty, dented and badly battered panels will not be passed by the Scrutineer. (Metal panels only may be used with the exception of front and rear bumpers and these must originate from the make and particular Model of car being used). No car will be allowed to race without the original bumpers. Cars which had plastic panels as standard (i.e. wings) are eligible.

VIOLATIONS

When referring to the engine, gearbox, differential, mechanical or construction, rules and regulations, the principle will always be:- UNLESS PERMISSION IS SPECIFICALLY GRANTED TO MAKE MODIFICATIONS OR ANY VARIATION, NOTHING MAY BE DONE TO ALTER OR CHANGE IN ANY WAY THE STANDARD PARTS. UNLESS THESE RULES STATE YOU CAN DO IT, YOU CANNOT DO IT. Violations will result in an immediate suspension of all racing facilities and any refusal will also result in an immediate suspension.

Cars, engines etc. will be checked on a random basis and the promotion will exercise its judgement which will be final in every case. If parts are suspected as being illegal make sure you leave them with the promotion if you do not agree. If you remove any parts that are in dispute from the stadium, without the consent of the scrutineer/promotion they will automatically be deemed illegal.

1. DRIVERS

Must be aged between 11-16 years and must prove their date of birth by producing their Birth Certificate when applying for a Licence.

A parent or guardian must sign the Licence Application Form. A driver may compete until the end of the season in which his/her 16th Birthday is attained.

2. CARS

The only cars eligible for use are those listed hereafter.

Cars must be of all steel Saloon, Hatchback or Coupe type bodies up to 1200cc.

No fuel injection, No Turbos permitted.

Cars must be painted in bright colours.

3. ENGINES

The only modifications that can be done are the ones that are stated below:-

VAUXHALL – Corsa's may use Corsa block with Nova Head.

PEUGEOT – 106's may use carburettor from Citroen AX or Peugeot 205.

FORD – KA MUST USE 1118cc Fiesta engine.

Flywheels may be lightened.

Camshafts must remain standard i.e. 1200cc engine, 1200cc cams must be used.

Carburettor chokes sizes and butterfly size to remain standard.

Skimming of the head and block is permitted but pistons must not protrude beyond block surface.

Pistons may be up to 1.5mm oversize. Sump may be baffled.

4. EXHAUST

Manifold and downpipes must be standard and be fitted with a silencer.

Silencer baffles must not be removed. The Promotion reserves the right to prevent any car from racing which in the opinion of the Scrutineer, is too noisy.

5. TRANSMISSION

The Gearbox must take all gears as normal and the external casing must remain as standard.

Mountings must also remain as standard.

Gear ratios and final drive are free but must remain standard to the manufacturer's range.

The diff assembly must not be changed in any way i.e. limited slip diffs or welded diffs are not permitted.

6. WHEELS and TYRES

Any Steel or Alloy wheels, subject to a maximum width of 6" can be fitted. No cutting or buffing of tyres is allowed. No competition tyres allowed. Tyre Softener is not permitted. The only tyres permitted are remoulds maximum 175X70. These tyres must be freely available to the general public for a maximum cost of £35. Cars may run either all 13" or wheels or 14" wheels.

Tyres must not be used without visible tread all round circumference.

7. SUSPENSION

All suspension and pickup points must be as originally manufactured.

Coil springs and leaf springs are free - mounting points must be original, although negative camber is permitted on front nearside wheel and positive camber is permitted on front offside wheel. This to be achieved by slotting of turrets and bottom suspension arms may be altered to help achieve said cambers.

Caster adjustment is permitted and may be achieved by modification of original standard parts only, but suspension parts may not be left adjustable.

Back axles and hubs must remain standard and must not be altered in any way.

Adjustable shock absorbers are not permitted.

8. BRAKES

To be as original and to work on all wheels .

Handbrake is compulsory.

9. BODYWORK

To remain exactly as production, with the passenger door being tack welded i.e. 2" weld with a 6" gap before the next weld. Grilles must remain in their original position and headlamp apertures must be filled by pop-riveting a maximum of 18swb alloy plate as a blanking cover.

Wheel arches and skirts are optional.

De-skinning of bonnet, boot, doors and quarter panels is permitted but is optional.

No spoilers or aerofoils are permitted. No armouring is allowed.

10. ROLL CAGES

No alloy roll cages are allowed. The minimum steel roll cage protection you must have is one front hoop, one rear hoop cross bar at shoulder height to mount to seat support or a seat brace hoop as a seat support, two roof connecting bars, one dash cross bar, two N/S chicken bars and two O/S chicken bars. The roll cage hoop feet must be on four welded 23cm square plate 3mm (min.) thick, or a piece of 38 x 38 mm box section, 2.5mm minimum thickness, connecting front and rear hoop feet welded to sill or floor. All joints must be welded over 90% of the joint unless an approved RACMSA cage is used. Rear cage bars must terminate at least 4" from the rear panel. All bars connected to the cage must be steel. The minimum thickness of the roll cage is 1 ¼" OD 10swg (3mm) tube 1 ½" OD 12swg (2.5mm) tube 1 ½" x 1 ½" 10swg (3mm) box iron.

11. SCREENS

No glass is allowed in the window apertures. All glass must be removed, including headlights/sidelights and all rear lights, An internal mirror and external mirror are compulsory. A metal upright ¾" x ¾" must be welded or bolted into the centre of the windscreen aperture.

Wire mesh over the windscreen aperture is not permitted.

12. STOP LIGHTS

Two stop/brake lights must be fitted onto the rear parcel shelf or hung from the roof. Lamps must be operated by the standard stop light switch as fitted to that particular model of car. Bulbs to be of 21 watt intensity. A strip light may be fitted instead of the above.

13. BATTERIES AND ELECTRICAL

Batteries must be securely clamped in place and covered with a leak proof material (such as rubber) to prevent spillage of acid. An electrical cut-off switch must be fitted to the rear nearside corner of the car.

If the car is fitted with an electrical fuel pump, a switch must also be within easy reach of the driver. Alternators must be retained in their original position, regardless of whether or not the wiring is connected. Fans belts must be in place. REV counters are not permitted.

14. SEATS

Competition type seats are compulsory. The seat must be adequately supported at shoulder height.

15. STEERING

The steering rack or box should retain its original position but the rake and height of the steering column can be altered to suit the driver. It is recommended that the upper retaining bracket of the column be strengthened for safety.

16. FUEL TANKS

Only tanks with a max. capacity of 2 gallons or less are permitted.

These must be fitted rear of the driver but in front of the rear axle centre line and be securely mounted, they must also be 6" away from the battery, i.e. they are no longer allowed to be fitted in the boot area. All tanks must be fitted with a breather system which prevents spillage if a car overturns. All tank filler caps must be of secure leak proof metal with a screw fitting.

A firewall between fuel tank including filler cap/pump must be fitted.

17. RADIATORS

Radiators are free and must be fitted forward of the engine.

18. NUMBERS

Must be displayed on both sides of the car in contrasting colours with a minimum of 12" high in 2" strokes. Numbers must be black on a white background. Fin plates must be fitted in 9" high 1 ½ " strokes.

19. ROOF COLOURS

When notified of your grading, driver will paint at least 90% of the roof to their appropriate grading colour, White, Yellow, Blue or Red. Race car numbers can be painted on the top of the

roof, but will not be used as an excuse to have the incorrect roof grading. Winner of the Irish Championship must paint his/her roof Green.

Silver stripe denotes points Champion.

If you win a race at a meeting; you will start the remaining races from the rear of your grade,

Should you win another race at the same meeting - you will be automatically upgraded.

20. SIGN WRITING

The drivers name must appear plainly on the sun visor. Only other writing confined to sponsors or mechanics names which must have the approval of the promotions at all times.

21. SAFETY EQUIPMENT

HELMETS- Helmets must be a minimum standard as directed by British Oval Racing Safety Executive (B.O.R.S.E). These are FIA8860-2004, Snell SA2005, Snell SA 2010, SFI Foundation 31.1A, SFI Foundation 31.2 A. The E2205 European standard helmet may be used in Fibreglass or Tri-Composite form only. i.e. No Polycarbonate Helmet are allowed. It is important that the helmet fits the driver correctly. Shatterproof goggles/visors must be worn although tinted visors are not advisable. Your helmet must display the current ORCi (ORC10) sticker.

SAFETY BELT AND EQUIPMENT

Only belts comprising separate shoulder, lap and sub straps will be permitted- i.e. 5 point harnesses. An extra bar is to be fitted to the roll cage behind the drivers' seat approx 4" below shoulder height of the driver. Your seat belts may be fitted to this bar. A quick release cloth window net must be fitted to the driver's door window aperture. The netting should have holes not larger than 7.5cm or 3" wide. It should come down level with the steering wheel, and should be flexible and easily removable separate to the movement of the door.

CLOTHING

Drivers must wear brightly coloured racing overalls which must be flame retardant. Fire retardant Gloves and Balaclavas are mandatory and must be marked appropriately. Neck braces are also compulsory.

FIRE EXTINGUISHERS

A 1Kg Dry Powder Gauge Fire Extinguisher is highly recommended and if fitted, this should be in a tube with a spring top and should be within easy reach of the driver. Old type BCF (green) type extinguishers are not allowed. All tow vehicles, must carry a minimum of a 2kg fire extinguisher dry powder or gas, which must be within easy reach of the driver and mechanics at all times, especially when refuelling.

22. Petrol must only be brought to the racing in a metal (Jerry can) type containers.
Containers must be clearly marked "PETROLEUM SPIRIT HIGHLY IMFLAMMABLE".

23. Parents and Mechanics please note that smoking or drinking is not permitted in the Pits.

24. GENERAL RULES OF RACING

Each driver is only permitted one car per meeting and each car is only permitted one driver per meeting- this will be strictly enforced.

Any driver spinning the wheels or driving up and down the pits will be banned for a minimum of 4 meetings and not allowed to take part in that night's racing. Cars must travel at 5mph in the pits. No passengers allowed in or on the car. Drivers must not push or work on their cars during a race. No outside assistance is allowed during racing.

There must be no deliberate fencing, or driving at a driver's door or dangerous driving. A car pushed at (in the opinion of the Steward) unreasonable speed from the rear into a bend shall be deemed to have been deliberately 'fenced'. A driver who has deliberately fenced another driver will be black flagged and suspended for four meetings.

25. FLAG SIGNALS

GREEN - GO, All Clear to Race RED - Stop Racing Chequered Flag - Race Winner

YELLOW (Stationary) - Take care as a driver is still in a stationary car, but continue to Race.

YELLOW (Waved) - Race Suspension, All Cars must remain in single file and slow to 15mph, or in exceptional circumstances stop. No Overtaking is permitted.

Blue - Driver must hold their line as faster cars are trying to overtake.

Black - Driver disqualified for an infringement - driver must leave the track immediately.

White Flag with Red Cross - Technical Disqualification Flag. This is used to signal to a driver that they have a problem with their car and must immediately retire to the infield.

Black Cross - Driver under surveillance for a rules infringement, may be penalised after race conclusion.

White flag with Blue Centre - Drivers should exercise caution as oil or other debris may be on the track.

26. CARS ELIGIBLE FOR USE

Engine Specs, Carbs, Choke Sizes etc. must be as per Haynes Manual.

Citroen AX (1986-1998) 1124cc

Citroen Saxo (1996-2003) 1124cc

Ford Fiesta Mk1-Mk4 (1976-2002) 1118cc

Ford KA (1996-2003) 1118cc

Nissan Micra Mk1 (1982-1992) 1098cc or 1124cc

Nissan Micra Mk2 (1992-1997) 1098cc or 1124cc

Peugeot 106 (1991-2003) 1124cc

Peugeot 206 (1998-2003) 3 & 5 door 1124cc

Renault Clio Mk1 (1990-1997) 1149cc or 1171cc

Renault Clio Mk2 (1997-2005) 1149cc or 1171cc

Toyota Starlet Mk1 (1978-1984) 1166cc

Vauxhall Astra Mk2 - 3 & 5 door (1984-1991) 1196cc

Vauxhall Astra Mk3 - 3 & 5 door (1991-1997) 1196cc

Vauxhall Nova (1982-1993) 1196cc

Vauxhall Corsa B - 3 & 5 door (1992-2000) 1196cc

Vauxhall Corsa C - 3 door (2000-2006) 1196cc

Vauxhall Tigra Mk1 (1994-2000) 1196cc

Volkswagen Polo Mk2 (1981-1994) 1093cc

Volkswagen Polo Mk3 (1994-1999) 1093cc

All above cars up to 1200cc are allowed to race and must run a carburettor, manifold system within their range, but not from a larger cc vehicle.

Vauxhall Corsa B - 3 & 5 door (1992-2000) 1.0l (3 Cylinder 12v) 998cc

Vauxhall Corsa C - 3 & 5 door (2000-2006) 1.0l (3 Cylinder 12v) 998cc

Anyone wishing to race a car other than those listed above may request permission by contacting Inter Speed Promotions.