

STARTRAX OVAL MOTORSPORT

2010 RULES & REGULATIONS FOR STARTRAX BANGERS

There will be an automatic minimum three month ban which will be issued for threatening behaviour, and a minimum 12 months which will be issued for physical violence offences,

a second offence will have a harsher penalty. This applies to all driver's and team members in all formulae.

Startrax Bangers are intended to be a training ground for a new driver's although experienced drivers are very welcome to join in. Light front to back contact and nudge and spin is permitted and drivers are allowed to spin cars towards the entire green, no deliberate fencing.

Startrax Bangers are designed as a fun, low cost entry level into contact Banger Racing but without the 'big hits' of National Bangers.

It is stressed that this is a limited contact formula and drivers who engage in deliberate wrecking tactics, deliberate following in, dangerous driving, hitting parked cars, will not be permitted to continue in Startrax Bangers. If you want to race in a full contact formula then the other banger formulas run by Startrax Oval Motorsport are for you.

Booking in to race

You need to book into race for each meeting

Booking in numbers are: 01625 536493 (leave a message if the answer machine comes on also, please note these numbers are only to be used at reasonable hours no later than 10pm)

Mobile 07796192093

Email: bookings@startrax.info

1. Cars

Any hatchback, saloon or estate car under 1600cc or under 1800cc single cam 8 valve engines (e.g. 1800cc Astra / Cavalier / Sierra / Nissan Primera) front or rear wheel drive i.e. minimum

size of car is Hyundai Pony / Nissan Cherry or similar. No cars eligible for Micro bangers may be used in Rookie Bangers- e.g. Mini, Metro, Fiesta, Nova, Renault 5, Corsa, Peugeot 106, Micra,

Citroen AX, Kia Pride, Starlet, Clio, Uno and similar size. Maximum car size is Cavalier / Carina

No Cortinas, Capris, Bluebirds, Stellars, A60's, Vauxhall Novas, Honda CRX, Ford Fiesta, Vauxhall Vectra, and similar size cars, no Honda twin cam engines.

2. The Racing

All drivers must be 16 year old or over. Parental consent will be required for drivers under 18 years of age and proof of age ID may be required/

Only LIGHT contact as necessary to pass another vehicle.

Drivers who have never raced before will be able to begin Startrax Bangers in the white grade.

Novices may paint a large black cross on a white background and start at the rear of the grid.

Following infringements are not allowed and may result in a ban,

Corner cutting to spin another car.

Deliberate following in of another vehicle into the fence. Dangerous driving. Crashing into parked / or empty cars.

3. Preparation

Remove all exterior mouldings, headlamps, door handles, bumper over riders and exterior mirrors.

Steering columns should be padded with high density foam.

Remove all glass, interior trim, headlinings, floor coverings, passenger seats,

Remove all obsolete wiring.

Remove old fuel tanks.

Remove spare wheel carriers and tow bar.

Headlamps and rear lamp apertures should not be filled in.

Dashboards must be removed.

All window mechanisms must be removed from the driver's door.

Plastic bumpers must be removed.

4. Bodywork

The front wings may be trimmed below the front bumper level but no folding. One 13ml nut and bolt may be used to secure bottom of wing.

All doors must be either bolted or chained. At least one bolt through pillars is recommended.

Driver door may be welded.

NO ADDITIONAL WELDING IS ALLOWED.

5. Door Plate Compulsory

A steel plate 10" to 15" deep $\frac{3}{8}$ " – $\frac{3}{4}$ " thick must be bolted over the driver's door. This must be fitted with a minimum of 3" and a maximum of 6" past the A & B pillars securely bolted with a

minimum of four bolts, with a minimum size 16mm of at least two of the bolts. There must be at least 1 bolt on each side of the A & B pillars. Only flat plate is allowed. No channel, angle or corrugated steel is allowed. You must not cut slots – holes only.

A steel plate may be fitted to the driver's floor pan. It must be no thicker than 6mm, and must be bolted and welded in. This may be modified to rise to the maximum height of the sill of the door side only.

6. Engines

Air filter may be removed.

Everything must remain as manufactured.

No distributor guards.

Solid mounting allowed, but in original position.

Carburettors are free on all engines up to a maximum of 2L twin choke carb.

Multipoint injection can be used with a return back to the tank or a t-piece fitted in the fuel line between the fuel tank and the fuel pump. The electrical isolation switch (cut off switch) must be fitted in the N/S/R window area of the B post for easy access of the safety marshal.

7. Gearbox / Axle

Gearbox must be as manufactured.

Axle and ration must be as manufactured.

No locked diffs or limited slips.

8. Paintwork

Drivers must NOT paint their cars in team colours or similar to that of other cars.

Bright colours are recommended and a good overall appearance is required.

Names and numbers on both sides of car.

9. Mirrors

May be used inside of the car only.

10. Bumpers Front

All front bumpers must be removed and replaced with one made from 2" x 1" box, maximum of

3ml, width not to EXCEED WIDTH OF CHASSIS RAILS an inspection hole to be drilled in to the steel.

11. Bonnets

Bonnets may be removable but must be bolted down using **four bolts**, 3/8" thick, 2 bolts in either side of the bonnet with a minimum of 18" between the front and rear. Corner plates may also be fitted. There may be occasions when certain cars can have no inner wings for the bolts to go through --- then a piece of box section may be welded to the chassis (40 x 40) for the bolt to pass through. This must be 6ins or more from the front of the car. Bonnets must be removed when going to scrutineering.

The maximum exposed height above the surface for all bolts to be 1½" maximum.

No added metal to the bonnets is allowed.

Shuttering bolts may only be used for bonnet bolts providing they only protrude past the top of the wing nut by 1½" and are taped up to ensure they do not come loose. These are not recommended.

No fixing of webs to bonnet.

12. Brakes & Suspension

Must remain as manufactured and be working on all four wheels.

No negative camber.

No lowering of suspension by any means.

Ride height is to be 10", measured from the floor to the top of the cill on the door. (Scrutineer decision is final)

13. Wheels & Tyres

Any standard road wheel up to 5½J.

Maximum size tyre 195, lowest profile 60 series minimum.

All four wheels must be the same type and diameter.

Remove hubcaps.

Remove all balance weights.

Only standard road tyres may be used.

No competition tyres. No Yokohamas, no cut tyres. No mud and snow. No Maxsports, Nobblies,

Colways, Michelin, Dunlop, Continental, Pireli, Uniroyal, Goodyear, Fulda, Kieber, Vredestein,

Semprit, BF Goodrich, Nokia, Bridgestone, Federal, Barum, Hankook, Marshall, Falken, Kumho.

Or any road test tyres at NOT allowed.

14. Battery

Must be securely fixed and must be fitted inside the car, on, under or behind the roll bar, not in the foot well. They cannot be left under the bonnet. They must be covered with rot proof material.

A battery cut off switch MUST be mounted on the roll cage on the nearside of the battery and MUST work and be clearly marked.

Alternators may remain fitted but all wiring removed from the back of the alternator.

Ignition switches must be used, NO bare wires.

24 volts to starter motor maybe used.

15. Radiators

Are free, but may NOT be removed from original positions.

16. Fin Plates

You must fit a fin plate to the roof of your car, minimum size 18" x 12" and a maximum size of 20"x15".

Your number must be either white on a black background or black on a white background, no

other colours allowed, no other writing allowed, minimum size 9" high x 1½" wide.

You may also paint your number on each side of the car in contrasting colours.

17. Driver's Seat

A seat with a head restraint must be fitted. The seat must be securely mounted at shoulder height to the cross bar or to the rollover bar and bolted securely to floor.

NO racing seats allowed.

18. Roll Bars

Must be one complete frame, NO scaffold poles / clamps.

The roll cage must be fitted upright not leaning back or forward.

It is strongly recommended that roll cages are padded, including the B pillar.

6 fixings of 17ml (4 bottom and two top) with adequate washer.

Two uprights with cross bar welded. Uprights must have 4" plates welded to the base to stop pushing them through the floor.

At least one, maximum two, cross bars must be used to reach to reach to doors or pillars and must have 4" plates welded to both ends to stop them punching through the doors. At least one of the cross bars must be at roof level.

The use of an adjustable roll frame is permitted to enable the same frame to be used in cars with different widths. If an adjustable frame is used, the moving parts must lie outside the two uprights and be securely bolted into place with a minimum of 0.5" bolts.

19. Fuel Systems

Only roadside fuel is allowed.

Fuel shut off tap within easy reach of the driver. Good Condition fuel pipe is compulsory.

Fuel tank with outlet from the top of the tank with a secure screw on metal cap with a breather pipe which if inverted would prevent spillage. Petrol tanks should be fitted in the strongest part of the car as close to the roll cage as possible.

Overflow must be top outlet and pass through car floor.

Multipoint injection can be used with a return back to the tank or a t-piece fitted in the fuel line between the fuel cut off tap and the fuel pump. The electrical isolation switch (cut off switch)

must be fitted in the N/S/R window area of the B post for easy access of the safety marshal.

20. SAFETY EQUIPMENT

- A full shoulder-type safety harness as approved by ORCi for Bangers with lap-straps must be fitted and bolted to the floor.

- A minimum of a four point buckle fixing must be used with a minimum of 3 floor fixings. A secure part of the floor or cage (including the seat bar), are recommended anchor points.
- Single point buckle fixing harnesses are not allowed.
- A suitable head restraint must be fitted to the roll cage or seat.
- ***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.***
- ***Helmets must be of a minimum standard as directed by British Oval Racing Safety Executive (B.O.R.S.E). These are BS6658/85 Type A, BS6658 Type A/FR, FIA8860-2004, Snell SA2000, Snell SA2005, SFI Foundation 31.1A, SFI Foundation 31.2A. The E2205 European standard helmet may be used in Fibreglass or Tri-Composite form only. 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 (ORC09) sticker.***
- Neck braces are recommended.
- Fireproof Balaclavas are highly recommended and must be marked appropriately.
- Fireproof gloves are **MANDATORY** and must be marked appropriately.
- Only flame retardant racing suits must be worn. On wet meetings waterproofs may be worn as overgarments.
- The drivers seat must be secured and supported to the roll cage at shoulder level by bolting or tying.
- The 2nd roll cage cross brace may be used to support the seat, but it must be set below the bottom of the window aperture or you may construct and weld a frame on to the cage to support the seat.
- The drivers seat must be a standard production seat, not a racing seat.

21.GENERAL

Drivers should book in for each meeting via the booking office number or via the online booking system.

Whilst drivers are welcome at all times, you **may** lose your guest pass if not booked in – and, some events have booking limits.

Car Construction enquiries may be made direct to the Racing Manager between 5.30.pm and 8.00.pm on 07760 117265 or by e-mailing phil@startrax.info