

Banger Rules 2023

Please read through all rules carefully and see new updated rules and regulations for 2022. Each car will be individually inspected on the first meeting of the season. If you are found to be breaking the rules or your vehicle is not built to the safe standard that the below rules set out, you will not be able to race until the necessary changes are made. The new rules and regulations we have introduced are for your safety and for fair racing across the formula. Failure to comply will put yours and others safety at risk. Please ensure when buying ready-made kit or vehicles, that they meet the standard of our rules. If you have any questions regarding your vehicle, please contact us before the season opens so we can advise on changes you may need to make to avoid missing the first meeting.

Smallfield Raceway reserves the right to make amendments at any time to the rules and specifications for any of the following reasons:

- In the interests of Health and Safety
- In areas that are detrimental to the future of the formula
- If an unnecessary advantage has been deemed.

Unless the rules below state you can do it, YOU CANNOT DO IT!

Permitted Drivers

Any person aged 16 or over is able to race in this formula.

All drivers are required to register with Smallfield Raceway to partake in any formula or races.

Permitted Vehicles

Any saloon or estate cars up to 2 litres.

Petrol or Diesel engines allowed.

NO Ford Mondeos

NO Ford Cougars

NO Ford S-Max

NO Volvos

NO Ford Granada's

NO Jaguars

NO Vans

Any vehicle with a kerbside weight over 1400KG, must be approved by Smallfield Raceway.

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The Body Shell

The interior of the vehicle must be gutted of all materials.

The dashboard must be completely removed.

All vehicles must be fitted with a number fin plate. You will not be lap scored if you do not have a fin plate on your vehicle.

Engine

Engine Swapping is allowed but must be make to make. Example – You cannot put a Ford engine in a Rover vehicle.

Oil filter guards are allowed but must be to the size of the oil filter. These are only allowed if oil filter is forward facing. Any that are deemed to be oversize will be made to remove from vehicle.

Silencers must be fitted and effective at the beginning of the race meeting.

All cars must be fitted with a fully working isolator switch that can be easily accessed from the outside of the vehicle.

Clutch guards are allowed 100mm x 100mm maximum no more than 2 bolts holding it on.

Locked Diffs are permitted.

Exhaust must have a minimum of one silencer.

All cars must be fitted with a cut-off switch accessible from outside of the vehicle.

Fuel and Batteries

All fuel and electric cables must run inside the car. All fuel lines must have minimum joints.

2-gallon fuel tank maximum to be fitted inside vehicle and separated by a box or fire wall from the driver.

Fuel tank must be bolted to the H frame and must be Steel ONLY.

A one way valve must be used.

A fuel cut off switch must be fitted and easily accessed by the driver.

No motor bike tanks, gas bottle or fire extinguishers to be used as petrol tanks

Battery to be located securely on the H frame.

Build

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All Cars **MUST** be fitted with a H Frame and must have 4 M12 bolts through the roof and 4 M12 Bolts through the floor. It is advised to bolt to your door bar and side plate through your H frame sides.

A floor plate is **Compulsory**. A minimum size 300mm x 300mm floor plate MUST be fitted to the driver's floor pan with a minimum of 4 bolts M12 and a minimum thickness of 6mm.

A protective door plate must be bolted to the outside on the driver's door. This must have bolts through the A and B pillar, a minimum of 4 bolts, 10 inches high, 9mm thick and must go 6" past the A and B pillar. Pillar bolts must be minimum thickness of M16 (24mm Nut size).

Maximum 4 bolts per panel, excluding driver's door.

Original Bumpers only or the only other bumper allowed is a 3mm strip, no deeper than 100mm. This can be folded around the chassis and bolted on with 1 bolt each side. This must NOT be welded. If the bumper is found to be welded, you will be required to remove the bumper.

Corner plates are to be a maximum size of 400mm x 400mm.

4 bonnet pins allowed, but only 2 crush tubes. The crush tubes cannot be welded or bolted. On a vehicle with no inner wings, you may bolt or weld a piece of box or angle to the chassis, but it must not be any longer than 100mm. Maximum of two bolts – maximum size M16. Crush tubes must not slot in.

Box section in the rear door cannot be longer than the rear of the H frame.

Focus Chassis may be cut back, but **NO STRENGTHENING** in the chassis. Chassis' will be spiked every time to check for strengthening.

Dizzy guards are permitted. They must be a maximum of 100mm x 100mm and mounted with a maximum of 4 bolts. Dizzy guards must not be bolted, touching or connected to water tanks in any way.

Water tanks are permitted, but only across bulkhead. Tank must not come further forward than the front face strut tops. Anything other than the above will be required to be moved.

A full 5-point harness MUST be fitted being either attached to the H frame or the floor using a minimum of M12 (19mm) bolt. This must be fitted around the H Frame.

Driver's seat must be securely tied in through the seat to the H frame. NOT the headrest. Minimum of two times.

The **ONLY** permitted welding is to be the driver's door and corner plates. Unlimited welding allowed on driver's door. Corner plates can only be stitch welded on (2 inches) NOT seam welded.

Solid engine and gearbox mount can be fitted but, can be no longer than 6 inches and must not be a guard for anything (Sump). The engine/gearbox mount can only be bolted to the engine/gearbox by using a maximum of 4 bolts. The mounts can be bolted through the chassis using a maximum of 1 Bolt, maximum size of M16 (24mm Nut).

Engine mounts must not protect water outlets.

Radiators are also permitted and are permitted to be relocated under the bonnet only.

No Camber Allowed.

You may use any wheel or tyre.

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No coil overs.

Crash Helmets, Overalls, Gloves and Balaclavas

Helmets must be of a minimum standard as directed by British Oval Racing Safety Executive (B.O.R.S.E). NO POLYCARBONATE helmets are allowed. It is important that the helmet fits the driver correctly and that manufacturers guidelines are followed. This Also applies to the passenger.

The current permitted helmet standards for all drivers are:

- FIA 8860-2010
- FIA 8859-2015
- FIA 8860-2018
- FIA 8860-2018 ABP
- SNELL SA2010
- SNELL SA2015
- SNELL EA2016
- SNELL SA2020
- SFI FOUNDATION 31.1A
- SFI FOUNDATION 31.2A
- SFI FOUNDATION 31.1
- ECE R22.05

The helmet must fit the driver correctly and once approved by our scrutineer display the Smallfield Raceway 2022 approval sticker.

It is **Mandatory** to wear Fire retardant, clean, un-torn racing overalls that are clearly marked with fireproof safety standard .

It is **Mandatory** to wear Fire retardant Gloves also clearly marked with the fireproof safety standard.

It is **Mandatory** to wear Fire retardant Balaclavas clearly marked with the fireproof safety standard. T

All of the above must be present at scrutineering.

Failure of any of the above will result in being unable to race.

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Flags

All flags must be obeyed.

All production formulas are strictly non-contact if deliberate contact is seen you WILL be black flagged.

The Red flag indicates to stop racing, any driver deemed moving on a red flag will be penalised at the clerk's discretion.

The black flag is a disqualification and you must retire to infield and remain in your vehicle unless advised otherwise by track marshals.

Punctures will be black flagged unless on the o/s/r and not causing track damage.

A rolled black flag will be shown as a warning for contact. If the offender persists then a black cross board will be shown. This is a 1-place deduction and can be shown as many times as we feel needed.

If the driver still persists then it will result in being loaded for the rest of the meeting or longer. This will be decided at the clerk of the course's discretion.

The yellow flag indicates a danger or obstruction on track.

A waved yellow means move into single file and drop your speed to 10mph in the race order that the yellows came out on. Any drivers jumping positions on a waved yellow will be black flagged.

The Blue flag means hold your line. Failure to hold your line after three blue flags will result in a black flag.

Roof Grades

All drivers will start the new season at the roof grade they finished with from the previous season. This could be subject to change at the clerk of the course discretion.

It is the drivers responsibility to start at their correct roof grade. If you do not line up at the correct roof grade you will not be lap scored.

If you win a heat you start from the back of your current roof grade.

Roof grades will be changed for the start of the next meeting not during the current one.

Accusations and Raceway Conduct

Any accusations of cheating, adapting or illegally modifying vehicles will be taken very seriously and investigated by the clerk of the course and promotors.

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If you are suspected of illegally modifying your vehicle, there will be a £500 retainer put on your vehicle. This means that your engine will be stripped. Both parties must be present, and stripping of the engine must be overseen by a race official. If found to be illegally modifying or adapting your vehicle the retainer fee will be returned to the other party. If found to NOT be illegally modifying or adapting your vehicle, you will keep the retainer fee.

Any social media outbursts that are detrimental to the raceway could result in a ban.

Any aggressive behaviour, verbal or physical towards any member of staff will result in a life ban from the raceway.

Family member and friends of drivers should also see above two rules as it will still result in a ban for the associated driver.

No one is permitted inside the race control paddock, if you need to speak to race control or clerk of the course please ask the marshal on the gate and they will contact us.

As a raceway we reserve the right refuse anyone entry to track and to let anyone race if we feel the need to stop you.

You may not get out of your car while racing is going on. Unless instructed by a Marshal then stay in your vehicle.

Any person that enters the raceway without authorisation will be banned for the next meeting. If this happens again you will be banned for the season.

All rubbish should be taken home with you. If you make the mess tidy the mess.

Any damages or vandalism to our raceway and our property will result in a ban.

Smallfield Raceway has a zero tolerance policy for drug use. If you are found to be using drugs on our premise, you will receive a ban.

Smallfield Raceway has a zero tolerance policy on violence and fighting. Any violence or fighting will result in a ban.

Bangers - The following track contact rules apply:

1. NO Following In
2. NO Turning Around

Points

Points are given to the first ten places in a race.

Points are as follows:

1st – 10 points

2nd – 9 points

3rd – 8 points

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4th – 7 points

5th – 6 points

6th – 5 points

7th – 4 points

8th – 3 points

9th – 2 points

10th – 1 point

Smallfield Raceway reserve the right to deduct points from drivers as a result of driver conduct, choosing to ignore a race marshals' instruction and breaking raceway rules and regulations.

Roof grading points system:

White Roof - 0 - 20 Points

Yellow Roof – 21 – 36 Points

Blue Roof - 37 – 48 Points

Red Roof - 49+ Point

Lap scorers decision is final, unless video evidence proves otherwise