



YorStox 2022 'Back to Basic Banger' Rules

Racing at Odsal Stadium Bradford and Owlerton Stadium Sheffield

1. The Formula

Back to Basic Bangers have been introduced as an entry level class for those who are interested in getting to a Banger Racing class and those who are looking to race on a limited racing budget.

The object of racing is to complete the specified number of laps in the shortest time period.

You may push a car from behind or spin a car in the direction towards the infield. There is **STRICTLY** no follow ins allowed, a follow in is deemed when you are on the back of a car or side of a car when it hits the fence. T Bones of any nature are not permitted. Full Contact will be allowed in a DD event only.

This is a nudge and spin formula only, anyone who is deemed to be not racing in the spirit of the formula will be loaded up and as a result could end up with a racing ban.

Drivers can race as a YorStox registered driver by visiting www.yorstox.co.uk to download an application form or by racing as a day licence driver for a fee to be paid on arrival.

2. Eligible Cars

Any cars under 1800cc petrol or under 2000cc non turbo diesel are allowed to race. **Ford Mondeo cars are not permitted.**

Pre raced standard bangers will NOT be permitted.

3. Initial Preparations

Remove any exterior mouldings, screen glass, lamps and handles

Remove all airbags and charges (if fitted), drivers side inner door handle and passenger seating.

Remove the fuel tank, spare wheel carrier and tow bar if fitted

Remove rear spoiler even if factory fitted

All rear bumpers must be removed, the front original bumper may be left on. The outer plastic must be removed to just leave the under bumper. No changing of bumpers during the meeting. No new or replacement bumpers can be used on cars.

Bumpers cannot be wrapped with tape or seatbelts

When the original trim is removed, the steering column **MUST** be padded with foam

The B Pillar and role cage must be padded

Cars must remain on the key with the original ignition system

Petrol Pumps must be able to be turned off either by the ignition key or by the battery cut off switch (isolator)

Radiators must be left in the original position at all times and replacement radiators must be kept in the original place.

Batteries may be left in the original position but if moved inside the car must be securely fastened and covered. If moved they must be mounted to the cage

As per ORCi rules, the car must have a floor plate

Roof P

Original fuel lines may be used but must enter the car either through or as near to the bulk head as possible.

The lower edge of the front wings may be trimmed or cut but wings must not be folded or crimped.

Bonnets can be tied down with seat belt only in a maximum of four separate places.

Boots/hatchbacks maybe be tied shut with seat belt only in two separate fixings. You must remove tailgate gas struts.

Passenger doors may be tied shut with seat belt in a maximum of two separate places which must not go through the roof or the floor. Any seat belt must be knotted and not fixed with tape or tex screws.

No welding is permitted in or on the car

Seat belts can be fitted using chain, the chain must be at least 8mm thick & be solid links

Roof Plates are compulsory. The minimum thickness of flat steel plate is 3mm and it must be secured by a minimum of 8 bolts or welded. The roof plate must not extend further back than 75mm from the read of the roll cage uprights.

Apart from items mentioned within these rules all other parts must remain standard as manufactured.

4. Safety Equipment

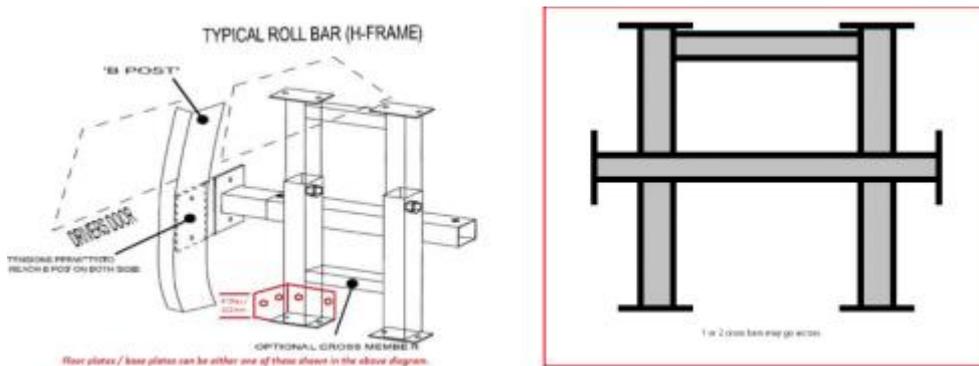
For current safety requirements relating to crash helmets, Neck Brace, Overalls, Gloves, Balaclava, wet weather clothing and 1KG fire extinguisher please visit www.orci.co.uk

5. Roll Bar

Roll cages may be adjustable (height and width), however the use of screw adjusters i.e. acrow style are not permitted.

The roll cage must be fitted upright or dog-legged, but not leaning back or forward.

It is compulsory to pad roll cages, including the B pillar and steering columns must also be padded with foam.



These are diagrams to demonstrate how the frame should be constructed, gusseting and triangulation is accepted.

The hoop must be one piece or two uprights and one top bar of a welded construction. This top bar should be as shown at the top of the uprights.

A second cross bar is compulsory, a third is optional; these must be welded or bolted to the uprights.

THE ROLL BAR MUST NOT HAVE ANY REAR SUPPORTS but may have extensions no further forward than the B post

The minimum size for roll bar is 2" (50mm), maximum size 4" (100mm), minimum thickness 3mm. This MUST be box or tube.

Crossbars must have a 5" (125mm) square end plate fitted.

Each upright must have a minimum of two bolts on each side to the floor and two each side at the top. The maximum size of the base plate is 15" (385mm) x 11" (280mm) These may go up the side of the sill or the rear panel straight up and a maximum of 4" (102mm) high and the same length and width as the base plate/floor plate of the cage, a maximum of 2 bolts through the side.

You must tie the seat at shoulder level to the roll cage or B pillar, through the seat frame not headrest, you may fit the 2nd cross bar in support of the seat just below the window aperture or weld a frame on the cage to support the seat at the top.

6. Bodywork

A driver's door plate must be fitted & overlap the door pillars by a minimum of 3".

NB. No trench plates are permitted.

The plate must be a minimum of 10mm or 3/8", to a maximum of 19mm or 3/4" in thickness.

Its depth must be no less than 254mm or 10" & no more than 305mm or 12".

The plate must have a minimum of five (M12) 19mm fixings. It must be through the 'B' Pillar, also the 'A' Pillar where possible with large washers each side.

The door plate holes must not be slotted.

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

Front wings maybe cut or trimmed but must not be crimped or folded..

7. Wheels and Tyres

Any standard manufactured road wheel may be used in any combination of sizes but this must not be used to gain an advantage.

No tyre gators are permitted.

Only conventional road tyres are allowed with the exception of any Weatherspeeds, Rainsport 3, or rain expert 3.

A scrutineer has the option to ask the driver to remove any tyre they deem not within the spirit of the class.

8. Exhausts

The original down pipes must be used including catalytic converter (if fitted) but silencers maybe changed but no cherry bomb type are permitted. Any car that seems to have an excessive level of noise will be excluded from racing. This is down to the scrutineer and Steward of the Meetings discretion and their decision is final.

Extra fittings are permitted

No competition types allowed

9. Brakes

The standard manufacturers system must be used & work on all 4 wheels.

The handbrake must also be operational

10. Fuel System

The fuel tank must be made of steel or housed in a steel box & have a maximum capacity of 9 litres. No converted fire extinguishers are allowed.

The fuel tank may be fitted to the "H frame" or behind the driver in the passenger area.

Fuel caps must be of a metal screw type, no push fit types are allowed 7

The fuel outlet must be from the top of the tank.

A breather pipe must be fitted which must incorporate a one – way valve. The pipe must terminate through the floor as to prevent spillage if inverted.

All fuel lines must be of good quality rubber or be metal covered, no rigid metal piping is allowed.

Only roadside fuel can be used Petrol or Diesel. No additives are allowed.

Multi point 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.

11. Sun Visor & Fin Plates

A Sun visor 165mm or 6" in depth may be fitted with your name upon it only on the front windscreen aperture.

Fin plates must be fitted above the roof line.

Fin plate numbers must be 229mm or 9" high by 38mm or 1½" in width, plain black numbers on a plain white background only. Please ensure they are correct. No Holographic numbers or backgrounds.

Damaged or unclear numbers may not be lap scored

12. Specification and Rule Changes

The Promotion may at any time make amendments to the Specifications for the following reasons:

In the interests of Safety

Reduce costs for the driver

In areas that are detrimental to the future of the formula

If an unnecessary advantage has been deemed.

A Scrutineer has the power to remove any item he/she may think is not within the spirit of the rules at the end of the meeting.

Current registered drivers will be notified automatically of any changes.

IF IT DOES NOT SAY THAT YOU CAN DO SOMETHING THEN YOU CANNOT.

Rules Effective 02.03.2022.