

2024 BUXTON RACEWAY STREET BANGERS CONSTRUCTION RULES

IN 2024 WE WILL BE CHECKING ENGINES TO MAKE SURE THEY ARE CORRECT TO THE RULES, IE A 1.8 FORD FOCUS WILL BE A 1.8, AND NOT 2.0. ETC

Any steel bodied car up to 1800cc as manufactured. No 4x4 or ~~people-carrier~~.

If car come on carbs stays on carbs if it comes on injection it stays on injection. NO EXCUSES

Honda powered cars are restricted to 1600cc and must remain on injection. All ECU's must be available to be checked at scrutineering. No Honda powered cars on carbs will be allowed.

At any time following a meeting a model of car can be banned if it is dominating the formula. Don't stockpile cars.

No team colours.

STREET BANGERS IS STRICTLY NUDGE AND SPIN, no stationary car hits and certainly no follow ins. 1 month ORCi ban for first illegal move and 3 month for second. 3rd instance within 12 months will result in a full ban from the formula. These are minimum bans excessive hits may result in larger penalties

STRICTLY NO WELDING

BODYWORK:

All Bodywork must remain standard, front wings may be cut/trimmed.

All plastic bumpers must be removed, along with any spoilers.

Only seatbelt is allowed to secure boot and doors. No bolts in doors or arches.

INTERIOR:

All seats and interior must be removed and stripped.

Drivers seat must have padding around seat and must be tied to roll cage

Dashboards can be removed but if it or parts of it remain in place it must be suitably padded. **Heater Matrix MUST be removed.**

DOOR PLATE MUST BE FITTED

A steel plate 10" to 15" deep $\frac{3}{8}$ – $\frac{3}{4}$ " thick must be bolted over the drivers door. This must be fitted with a minimum of 3" and a maximum of 6" past the A & B pillars at each end securely bolted with a minimum of 4 bolts. There must be at least 1 bolt through the A pillar and one must be through the B pillar or through the roll cage. The bolt size must be at least 16mm studding or bolt (Only flat plate is allowed, no channel, angle or corrugated steel allowed). 12mm is the smallest size bolt allowed on all other bolts except A & B pillar.

ROOF PLATE MUST BE FITTED

In conjunction with all ORCi Banger Rules all Banger formulas MUST have a fitted roof plate.

H FRAME MUST BE FITTED

The Roll Bar must be one complete frame, and constructed from steel. All frames must be welded. Roll bars to be securely bolted to the floor and roof, with four minimum 12mm bolts and suitable washers to the floor and two similar size bolts and washers to the roof. In cases where sunroof was originally in car and a roof plate has to be fitted then you may bolt your roll bars through it

The frame may be two uprights with crossbar welded. Uprights must have 4" square steel plates welded to the base to stop pushing them through the floor. The minimum thickness of the plates to be 5mm. Similar size plates may also be used to the roof for fixing purposes.

At least one, maximum two, crossbars must be used to reach to doors or pillars and must have 4" plates welded to both ends to stop them punching through doors. At least one of the crossbars must be at roof level. Scaffolding poles, Acrows, and related clamps CAN NO LONGER BE USED.
Roll bar materials: Minimum 2"x2" box section. Wall thickness to be minimum 3mm.

No passenger side plates.

SUSPENSION

Suspension may be lowered by heating or cutting the springs.

FUEL TANK and FITTINGS

A Banger Fuel tank must be used and fitted to roll cage. As per the National Banger rules.
Original Fuel tank must be removed

IMPORTANT @@ A non return valve must be fitted to the fuel tank breather pipe.

COOLING SYSTEM

The Radiator ~~must remain in original place for start of first race but then may be moved anywhere under bonnet.~~ NO STEAM TANKS.

ELECTRICAL:

A working safety isolator must be fitted to the battery negative circuit even if the car runs on a key.

TYRES:

Must be as come on the car. No lower profile than 50. No Competition Tyres will be allowed.

NO Giti, Federals, Rainsports, Nankangs, Michelins or Bridgestones

Tyre Gaiters are now allowed.

SAFETY EQUIPMENT:

The national ORCi Safety Equipment Specifications is now the place to find central, up to date info on what safety items you need. Find it at <https://t.ly/QtHoP>

Following the final of the meeting Buxton Raceway can purchase your car for £300. All that can be removed is the door plate, h frame, fuel tank, fuel lines and kill switch/ ignition switches. This is to stop people spending money on engines and tyres and to even it all for all drivers. Refusal to sell the car will tell Buxton Raceway the car is illegal and you will receive a 12 month ORCI ban.

There will be no prize money for this formula as every Buxton fully registered driver who books in and turns up will receive £10 start money.

Important that you BOOK IN to receive your start money – at least 3 days prior to the meeting taking place.