

# 2025 BUXTON RACEWAY STREET BANGERS CONSTRUCTION RULES

IN 2025 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

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

Any steel bodied car up to 1800cc as manufactured. No 4x4. Also No cars eligible for Micro bangers may be used in Street Bangers with the exception of the Corsa D and the Mk6 Fiesta (over 1.4L).

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.

**With a limit of a 1.6 engine you may now convert the injection to carburettor using a manufactured or adapted inlet manifold and must run with one standard downdraft Weber type carburettor to a maximum size or equivalent eg Pierburg, Solex, Weber –**

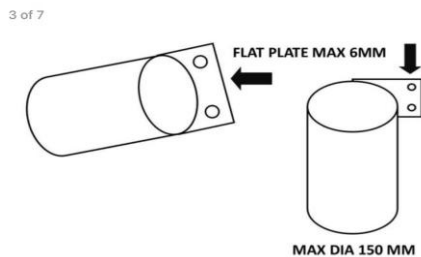
**NO MULTIPLE CARB SETUPS** Injection system may be removed, a carburettor fitted, max size is twin choke webber, fitted to the Ford Pinto 2Litre , choke size 32 36 & choke must work progressively.

**Any cars with engine size larger than 1.6 must be left on injection**

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 and strictly no team racing.

An oil filter guard is mandatory. May be as per the diagram below.



## 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, bonnet and doors. No bolts in doors or arches.

**300mm Corner plates may be used however your bonnet may be on its original hinges.**

**Also as a promotion we have noticed quite a few engines coming loose so we have decided to allow ONE solid engine mount. One Solid mounting allowed, but bolted in original position, but no bigger than the original mounting.**

## **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.

**Drivers Door may be welded.**

## **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**

**1. Radiators are free & may be moved to any position in the engine bay.**

**2. Electric cooling fans may be wired through a separate switch.**

**3. A bulkhead water tank maybe fitted, must not go further forward on the passenger side than the centre line of the turret, driver side must not go forward at all, meaning NO U-shaped tanks. These must not be bolted to the turret and bulkhead bolts must not be connected to door plates or floor plates.**

## **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://bit.ly/3pj2X0v>

Following the final of the meeting Buxton Raceway can purchase your car for £400. All that can be removed is the door plate, h frame, fuel tank, fuel lines, carb 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.

**Also a note regarding the rest of rules. With regards tyres, springs ect. Random checks will be completed by the scrutineers and should anything be found you will be removed from the results and this may also result in you receiving a 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.