

2014 Street Stocks Construction

Street Stocks are a low budget formula. Contact is limited. There are NO follow ins, NO turning round, NO head on hits, NO side swiping, NO hitting stationary cars, NO T boning, NO drivers doors hits and NO turning a car towards the fence. This is a nudge, push and spin formula.

Most two wheel drive saloon cars or hatchbacks are permitted to race, however there are NO ROVERS OR HONDAS permitted in the class. Please check with the Aldershot or Foxhall office to ensure your car is permitted before constructing it. Any car deemed not suitable will not be permitted to race.

Violations

When referring to the engine, gearbox, final drive, mechanical or construction Rules and Regulations, the principle will always be: Unless permission is specifically granted to make modifications (or any variation) nothing may be done to change or alter the standard parts in any way.

It is the driver's responsibility to prove to the promotion that any part is legal by way of written proof as to where the part originated. This must be done within 7 days, otherwise the item will be deemed illegal, resulting in an immediate suspension from racing and referral for disciplinary action.

Unless the rules say you can do it, you cannot do it.

Presentation of a vehicle for scrutineering is a declaration by the driver that the vehicle is eligible for that event.

Cars, engines and fuel will be checked on a random and ongoing basis, violations or refusal will result in an immediate racing suspension.

All car and engine specifications will be taken from manufacturer's technical specifications or the Technical Services Data Book published by Glass's Guide. Should any discrepancy occur between the specifications then the Promotion will exercise its judgement. That decision will be final.

Clarification on any part may be sought from the promoter.

Each car is permitted one driver per meeting and each driver one car.

Engine

You may use a carburettor or injection engine, single or multipoint.

The maximum engine capacity is 1400cc for front wheel drive cars and 1600cc for rear wheel drive cars.

You may transplant a carburettor, but it must remain like for like with the make of car, i.e. Ford to Ford, Vauxhall to Vauxhall.

Light head skimming is only permitted to flat off a head for gasket replacement.

NO high lift cams.

NO lightened flywheels.

NO re-bore allowed, engine bore must remain standard.

Solid engine mounts are allowed.

NO cam or distributor guards.

NO race engines.

NO fuel additives permitted, only fuel from roadside fuel stations allowed.

Preparation

All lights, glass, exterior and interior trim, plastic bumpers, wheel weights, and tow-bars must be removed prior to arriving at the stadium.

If your car is fitted with a sunroof, the glass or metal panel must be removed. It should be covered with a steel plate with a minimum 2mm thickness, the plate should overlap the aperture by a minimum of 100mm. It can be bolted or welded into place. The sunroof plate must meet with the approval of scrutineers.

NO de-skinning of any panels is permitted.

Dashboards must be removed.

Airbag modules must be removed entirely.

Driver's seat must be securely fastened, high backed and incorporate a head restraint. You may fit an approved racing seat. Fibreglass seats are not permitted.

The bonnet must be secured by a minimum of two and a maximum of four banger style or equivalent bolts. The rear of the bonnet can be secured by corner plates, retaining plates or left on the original hinges.

Radiators are free but must remain in their original position. No water tanks of any description are permitted.

Quick release steering wheels are allowed.

NO negative or positive camber is allowed. Race damage camber is neither allowed nor excusable and must be rectified.

Lowering of the suspension is permitted by cutting or heating only.

NO uprated, aftermarket or competition springs or shocks. These components must remain as standard.

NO locked or limited slip diffs.

Gearbox must remain as standard.

Fuel tank must be of steel construction with a maximum 2 gallon capacity. This should be fitted on or next to the H frame. Tanks must have an outlet from the top of the tank, and a sealed filler cap and a breather from the top of the tank

which must discharge through the car floor. *A suitable fixing must ensure that the breather cannot get back into the car if it is upside down.*

Multipoint injection systems must have a return to the petrol tank. If using an electric fuel pump the cut off switch must be positioned before the pump. Injection petrol pumps must be fitted under the bonnet. Original fuel tanks must be removed.

The battery must be positioned within the car, covered with rubber and placed in a securely fastened box which is fixed or next to the H frame.

A battery cut off switch must be fitted, working and located on the H frame.

Cars must have working footbrakes.

On carburettor cars a fuel shut-off tap must be fitted within reach of the driver.

Cars must have at least one silencer fitted. *This must be effective. Cars which in the opinion of the Scrutineer are too noisy will not be allowed to race.*

Driver's door may be fully seam welded. All other doors are to be bolted shut.

Tyres must be standard road tyres only. No competition tyres of any type are allowed. All tyres should have a minimum durometer reading of 60 when tested.

If alloy wheels are used, they must be fitted with the correct bolt/nuts.

Tubes can be used. Tyre Gaiters are permitted. Tyres max width 195mm, min profile 55.

There is no restriction with regard to wheel size, but they must be the same size on each axle.

Yokohama, Weatherspeed, Toyo and equivalent competition tyres are not allowed. In all cases with tyres, the scrutineer's decision will be final.

Safety

Helmets must be to a minimum standard as directed by the British Oval Racing Safety Executive (BORSE.) These are FIA8860-2004, Snell SA2005, Snell SA2010, SFI Foundation 31.1A, SFI Foundation 31.2A. The E2205 European standard

helmet may be used in fibreglass, carbon or tri-composite form only. NO POLYCARBONATE HELMETS ARE ALLOWED. It is important that your helmet fits

correctly. Shatterproof goggles/visors must be worn. Tinted visors are not recommended. Your helmet must display the current ORCi (ORCi10) sticker.

You must wear FIRE RETARDENT, clean, un-torn, brightly coloured overalls which are clearly marked FIRE RETARDENT.

You must wear FIRE RETARDENT gloves which are clearly marked FIRE RETARDENT.

A driver's door window net must be correctly fitted.

A neck brace is not compulsory but is recommended.

Steelwork

The car must be fitted with a front bumper which must have a minimum height of 300mm and a maximum of 400mm and made from 50 x 50 x 3 mild steel box section. It must be attached to the car by bolting no more than 200mm down the chassis with no less than two bolts (M10 bolts minimum.) In addition all front bumpers must have 150mm upstand corner bars made from 50 x 25 x 3 box section. The upstand corners must have a minimum of 150mm upstand support from the side rails but this can be bigger.

The car must be fitted with a back bumper which must have a height of 300mm and be made of 50 x 50 x 3 mild steel box section. It must be bolted no more than 200mm down the chassis with no less than two bolts (M10 bolts minimum.) You must fit a back corner brace on the driver's side only connecting the bottom of the back bumper to the side rail. This must not extend forward of the rear quarter of the car.

A 40 x 40 x 3 box section rail must be securely fixed down the outside of the car connecting the top of the front bumper with the top of the rear bumper. THIS RAIL MUST RUN ALONG THE TOP OF THE WHEEL ARCHES and fixed by bolting through the door pillars. The side rails can be fixed by welding or bolting, if welding welds must not be continuous.

A drivers door plate must be fitted and overlap the door pillars by a minimum of 3". NB No trench plates are permitted. The plate must be a minimum of 10mm and a maximum of 19mm in thickness. Its depth must be no less than 254mm and no greater than 305mm. The plate must be fitted by four 19mm fixings or 6 12mm fixings, through the door pillars with large washers on the inside.

The door plate holes must not be slotted.

An additional piece of angle or box section, not exceeding 76mm in its width and of any gauge may be welded horizontally along the door plate. The ends of this section should be tapered to prevent tangling in rubbing situations. Any bolts must not protrude beyond this section, they must be flush.

A rear strut brace is permitted across the top of the rear struts only.

A full Banger type H Frame must be fitted (~~minimum size 50 x 50 x 3 box section~~) (This must be a minimum size 40x40x3 box section). Frames must be securely bolted in and must fit tight against the driver's seat to act as support. No other type of roll cage is permitted.

OPTIONAL.... You may fit a forward down bar in support of the A Pillars constructed from mild steel with a minimum 32mm x 32mm x 3 box or tube.

This must be welded to the H Frame. A square plate minimum 230mm x 3mm thick should be welded to the base of the uprights for additional strength.