



STREET STOCKS



2017 RULES AND REGULATIONS

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1. The formula

The street stocks are a low budget formula based on a 1400cc engine. Driver must be aged 16 or over. Contact is limited to nudge and spin only. There is to be NO follow-ins, NO going in opposite direction, NO head-on hits, NO side swiping, NO hitting of stationary cars, NO T-boning, NO driver door hits and NO turning anyone left towards the fence.

2. Eligible cars

Most 2-wheel drive saloon and hatchbacks are allowed. (No rover's and Honda's are permitted) The maximum engine size allowed is 1400cc Please consult with the racing driver rep to check your car is permitted before constructing it. Any car deemed not suitable will not be permitted to race.

3. Violations

When referring to the engine, gearbox, differential, mechanical or construction, rules and regulations the principle will always be: Unless permission is specifically granted in writing to make modifications, or any variation, nothing may be done to alter or change the standard parts. Unless rules say you can do it, YOU CANNOT DO IT. Every car must undergo scrutineering at every race meeting, before practice. Cars, engines and fuel will be checked on a random basis, and more certainly at championship meetings. If parts are suspected of being illegal, make sure you leave them with the promotion. If you do not agree or you refuse to it will automatically make the parts illegal. It is the driver's responsibility to prove to the promotion that the part are legal by the way of written proof from manufacture. This must be within 7 days, otherwise the part(s) in question will be deemed illegal, and this will result in immediate suspension from racing and referral for disciplinary action.

4. Personal safety

Drivers are reminded that under health and safety, they are responsible for their own and their mechanic's actions.

Drivers must not be under the influence or Drink or Drugs.

You must not exit your car while on the race track unless you have been notified by the marshal and it is safe to do so.

Flags

- Waved green flag – Go the race has started.
- Waved red flag – Stop racing and slow down and Stop.
- Chequered flag – Race winner has crossed the line, continue race speed until the red flag is shown.
- Held yellow flag – Beware, you are approaching a hazard on the track, continue to race.
- Waved yellow flag – show down to 15mph, hold your position and do not overtake any other cars.
- Waved blue flag – Shown to a driver who must hold his racing line (driver must hold the inner or outer line of the track and must not weave between both)
- Waved black flag – you are disqualified, pull of the track immediately.
- Black cross on a white board – You have committed an offense and may be penalised in the results.

5. Safety equipment

- Crash helmets

Helmets must be of a minimum standard. These are EC22-05, FIA8860-2004, Snell SA2005, Snell SA2010, SFI Foundation 31.1A, SFI Foundation 31.2A, or the equivalent. The E2205 European standard helmet may be used in fibreglass. Carbon fibre or Tri-composite form only.

NO POLYCARBONATE HELMETS ARE ALLOWED (plastic).

It is important that the helmets fit the driver correctly. Shatter proof goggles/visors must used and are to be worn though out the race. Tinted visors are not advisable.

- Racing overall's
You must wear fire retardant, clean, untorn and brightly coloured overall's that are made of fire retardant material and clearly marked.
- Gloves
You must wear fire retardant gloves that are clearly marked.
- Balaclavas
You must wear fire retardant balaclavas.
- Neck brace
It is highly recommended that you wear a neck brace but not compulsory.
- Wet weather clothing
It is recommended in poor weather conditions but to be worn as well as, not instead of fire retardant overall's.
- Window net
You must have a cloth type window net, and must be secured and have a means of quick release. Bungee cords are not acceptable.
- Seat
Drivers seats should be secured to original mounts or bolted through the floor with 3" x 5mm thick square plates. Original seats or competition type seats may be used.
If the Driver's seat is not against and tied to the roll cage, it will require a support bar from the roll cage to shoulder height of seat and tied.
- Safety harness
A minimum of a 4-point harness is required but 5-point harness is recommended. The shoulder and lap straps can either be 2" or 3" width. And must be secured down using individual anchorage points. Harness's must be undamaged and adjustments must be fully working.

6. Roll cage

This must be a 4 post roll cage. (2 hoops joining together)

To be constructed from a minimum of 40x40x3mm (50x50x3mm can also be used) (32x32x3 may be used on the front hoops on cars scrutineered prior to 2017) This must be fully welded together. The roll cage must have plates welded as the “feet” (100x100x3mm minimum) and must be secured using 10mm or 12mm bolts (minimum) and plates as washers through the floor, same goes for the rear of roll cage through the roof. You must also have a 3mm minimum plate welded or bolted above the driver half of the top of roll cage with a supporting bar attaching the rear top centre cross bar on top of the “H frame” to the front top cross bar. See diagram at end of rules.

7. Front and Rear bumpers

Both must be constructed from 50x50x3mm box section. And must only have 5 uprights’. There should be sight holes in the bumper to measure the thickness of the metal work, if this is not done you must have a means of drilling holes upon request. End caps are permitted to tidy up the ends of box section and to be made of a maximum of 3mm plate.

Front bumper

This must have a minimum height of 300mm and a maximum height of 400mm. it must be attached to the car by bolting no further than 200mm down the chassis with no less than 2 bolts (M10 bolts minimum) The bumper corners may be pulled in 100mm beginning from the 2nd outer upright, the 100mm measurement is read from the corner of the bumper. This gives a “rounded off” affect, however this is optional. See diagram at end of rules.

The front bumpers must have 150mm upstand corners bars made from either 50x25x3mm box section or 40x40x3mm box section, the upstand must be supported by the equivalent box section and welded to the front bumper and the side rail. See diagram at end of rules.

You may attach a corner support, attaching the bottom corner of your bumper to the side rail but must not go past the centre point of your front wheel. This is to be made from no bigger than 40x40x3mm thick box section. This is optional.

You must also attach a brace box section of 40x40x3 attaching the front top bumper to the side rail. This is not to be welded any further than 18” down the side rail or across the top of the bumper.

You may also use gussets on the bumper where you see fit, this is to be made from 100x100x3mm plate.

Rear bumper

This must have a height of 300mm. it must be attached to the car by bolting no further than 200mm down the chassis with no less than 2 bolts (M10 bolts minimum)

The bumper can also have the corners pulled in 100mm beginning from the 2nd outer upright, the 100mm measurement is read from the corner of the bumper. This gives the “rounded off” affect. This is optional. See diagram at end of rules.

You may attach a corner support, attaching the bottom corner of your bumper to the side rail but must not go past the centre point of your front wheel. This is to be made from no bigger than 40x40x3mm thick box section. The Driver side rear must have this, but the other corners are optional.

You must also attach a brace box section of 40x40x3 attaching the rear top bumper to the side rail. This s not to be welded any further than 18” down the side rail or across the top of the bumper.

You may also use gussets on the bumper where you see fit, this is to be made from 100x100x3mm plate.

8. Side rails and door plate

Side rails

They must be constructed from 40x40x3mm box section and to be welded or bolted the outer skin of the car. If welded this must not be continuous.

The side rail is to connect the top of the front bumper to the top of the rear bumper by welding. The side rail is to run along the top of the wheel arches.

Drivers door plate

This is to be a minimum of 15mm thick. It must not extend past the “A” pillar by more than 6” or past the “B” pillar by more than 10” It must be secured with at least 4 substantial bolts, of which 1 must go through the

“A” pillar and 1 must go through the “B” pillar. The other bolts are to go through both skins of the door.

The door plate must fit up to the underside of the side rail and not behind, and must be welded to the side rail.

9. Interior bracing

Rear

You must run a cross bar just behind the roll cage attaching the passenger side side-rail and the driver side side-rail by welding only. This may be constructed from 40x40x3 box section or 50x50x3 box section. This is not to be welded to the roll cage.

You must have a “X” brace constructed from 40x40x3 attaching the driver side corner bumper to the passenger side rail and the passenger rear bumper corner to the driver side rail by welding just behind the rear cross bar (stated above) This can be welded to the top of the bumper corners or the bottom. See diagram at end of rules

Front

You must run a cross bar attaching the passenger side rail to the driver side rail. This can be constructed from either 40x40x3 box section or 50x50x3 box section. This is to be positioned within the car and must be mounted in front of the “A” pillar down bars and not to be attached to. You may also attach a cross brace passenger and driver side, 40x40x3 box section attaching the cross bar to the side rail by going forward to the side rail, but this must not go further than the centre point of the front wheel. This gives the “Diamond” affect. This is optional.

10. Vehicle suspension

The suspension is to remain as standard parts only.

The lowering of cars is only permitted by heating or cutting of springs only. No “lowering” springs or competition springs allowed. No competition shock absorbers allowed.

No packing of the springs or shock absorbers.

No Camber Negative or positive is permitted. Race damage should be repaired prior to race. (if it happened on the same day you may still be refused to race)

11. Steering

The steering rack must be as original, if the original was power steering you may use one that isn't, but must remain like for like (Ford-Ford Nissan-Nissan)

No quick racks are permitted.

You may modify the steering Column to suit the driver position.

You may fit a pop of steering wheel mechanism.

12. Wheels and tyres

Wheels

You may use alloy wheels or steel wheels, but they must be fixed with the correct type nut/bolt fitment.

Rim size is free but must remain the same size on each axle 14" on both front, 13" on both rear.

Wheel weights must not be fitted and are to be removed.

Tyres

Tyres must be standard road tyres, no competition type tyres allowed, yokohama, weatherspeed, toyo and equivalent are not permitted.

Tyre cutting and grooving is not permitted.

Tyre softener is not permitted. Tyre must have a minimum durometer reading of 60 at any time.

Inner tubes and tyre gaiters are recommended.

You may use different tyre size (width and profile) on each axle.

Maximum tyre width: 195mm

Minimum tyre profile: 55% (The stated figure on tyre is in %)

13. Gearbox

Gearbox must remain standard, NO modifications, NO locked or limited slip diffs permitted.

You may use another gearbox if it remains like for like (ford-ford) as long as the engine it came from had the same size engine.

Gear box must have all gears in and must be able to select reverse.

14. Engine

The engine is to be no bigger than a 1400cc engine, it may be smaller. You may transplant engine's as long as that car was made with that type of engine.

You may use single point injection, multi-point injection or carburettor. You may transplant a carburettor and inlet manifold onto a modern engine as long as it remains like to like (ford-ford) slight modification is permitted to allow fitment by elongating holes only. Adaption plates are not permitted.

The engine is to remain standard with no modifications,
No balancing of engine,
No lightened fly wheels,
If it's not in the rules **DO NOT** do it.
Light head skimming only permitted when replacing head gasket.

You must have a metal type oil breather/oil catch tank mounted within the engine bay.
You may solid mount your engine at original mounting points. At least 1 solid mount recommended.
Heavy Cambelt guards are not allowed, you may use original plastic covers or fine "mesh" to prevent stones.

Radiators are free but must remain in their original position.
Steam tanks are not permitted.

15. Exhaust system

The exhaust system is to remain as standard parts.
Original exhaust manifold and down pipe to be used.
You must use at least 1 original exhaust silencer, no performance type exhaust systems. The exhaust is to be secured by at least 2 fixings will be cut off as not to go past the rear axle.

16. Fuel systems

You must use only road side fuel. Fuel checks can and will be carried out at any time before, during and after race meeting's.

You must have a working fuel tap inline before the fuel pump, and this should be mounted on or next to the roll cage near the Battery isolator. A facet type electric fuel pump is recommended, it must be mounted securely and must have a metal guard between pump and driver seat position.

High pressure fuel pumps for injection cars must be mounted within the engine bay. Injection cars must also have a return pipe back to the fuel tank.

Fuel tanks must be constructed of steal with no bigger compacity of 2 gallons. And mounted behind and near the roll cage.

You must have a breather pipe from the tank and this must pass through the floor with a 1 way valve fitted.

Metal fuel pipes are highly recommended, if rubber fuel pipes are used then they should have a metal guard covering and securing them to the floor.

17. Batteries and electric's

Battery's must be secured in a metal box or frame and mounted to or behind the roll cage, the battery's must be covered with rubber and must be secure.

2 batteries are permitted but must to be used as ballast.

You must have a EARTH switched Isolator mounted to the passenger side roll cage, if not possible than its position must be clearly marked for emergency situations. (fuel tap must be mounted near to isolator)

The isolator must be working at all times and must switch off engine and all electrical equipment within the car.

Wiring going through body panels (bulk head) should be sleeved to prevent rubbing and fire risk.

18.Brakes

You must have working brakes at all times. Foot brake and handbrake.

Braking must not be biased.

19. Mirrors

Strongly recommend rear view mirror to be fitted within the car, this should be made of plastic, if a glass mirror is used then duct tape should be placed around the edge of glass to retain.

Outside mirrors are permitted but must not protrude the outside of the side rails and **must** be made from plastic. (no glass on outside mirrors)

20. Body work

Interior

All lights, glass, exterior and interior trims, plastic bumpers, wheels weights and tow bars must be removed prior to entering the stadium. Sun roofs must be plated over with at least body thickness metal, this can either be welded or bolted down with at least x4 8mm bolts and washers.

No de-skimming of any panels is permitted.

Dash boards must be removed.

Ignition barrels must be removed or padded.

Drivers door may be welded shut but must not be continuous, while other doors must be bolted or tied shut.

21. Paint work

The cars should be painted in a professional manner.

22. Sign writing

Cars can be sign written but must be of a professional manner and not be offensive or abusive.

Sponsor ship is allowed.

23. Fin plate

All cars must have a fin plate reading their numbers both sides, easily visible from across the track.

24. Roof grading

The promotion will tell you your roof grade.

The whole of your roof must be painted to your roof grade.

You must start in your roof grade position.

Once you win a race you must start at the back of your roof grade for your next race.

You may be told to change your roof grade position at any point though out the meeting. (check at end of race/meeting whether this is permanent or just temporary)

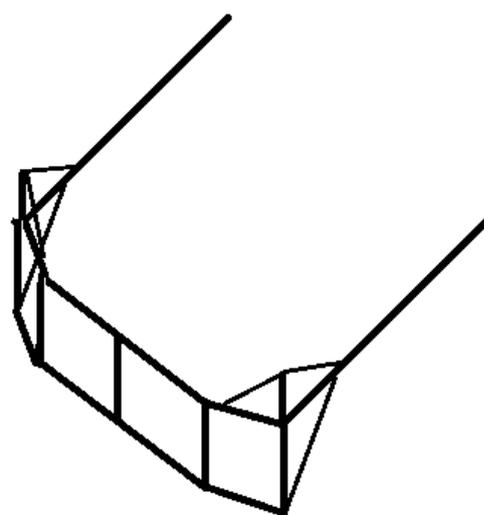
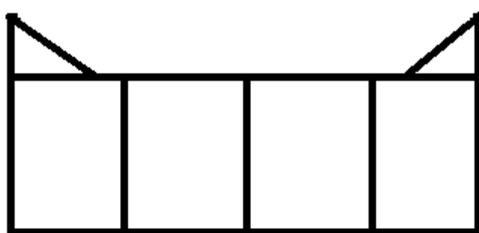
Roof gradings Will be updated every few meetings and you will be notified via FACE-BOOK on the "Swaffham Street Stox" page.

25. Rule changes

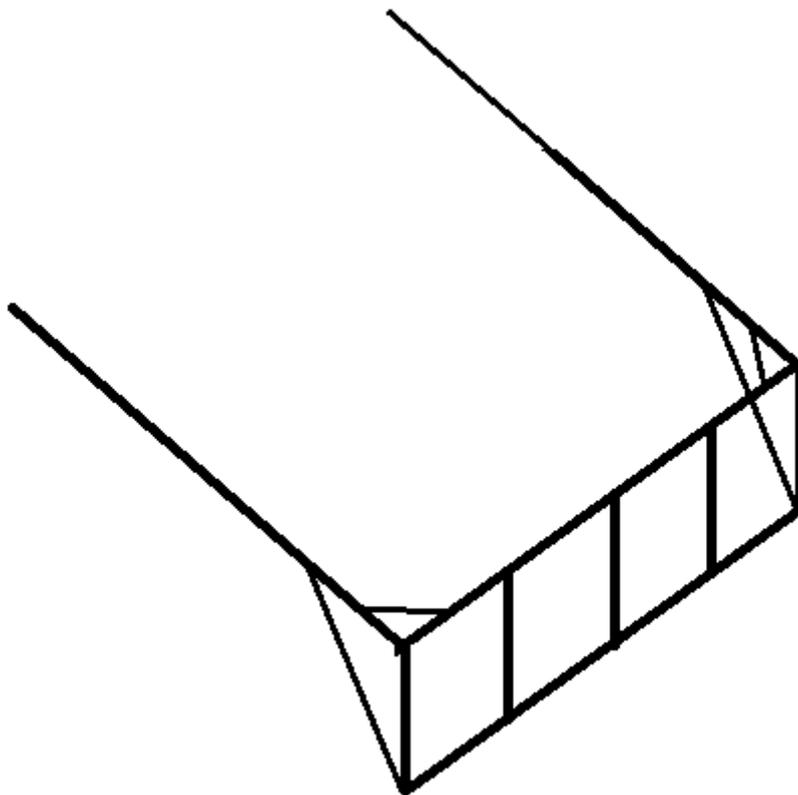
The promotion has the right to change the rules as they see fit throughout the year. You will be notified either at the race meeting or via FACE-BOOK "Swaffham street stox"

ALL CARS MUST ADHERE TO THESE RULES AS FROM: 01-03-2017

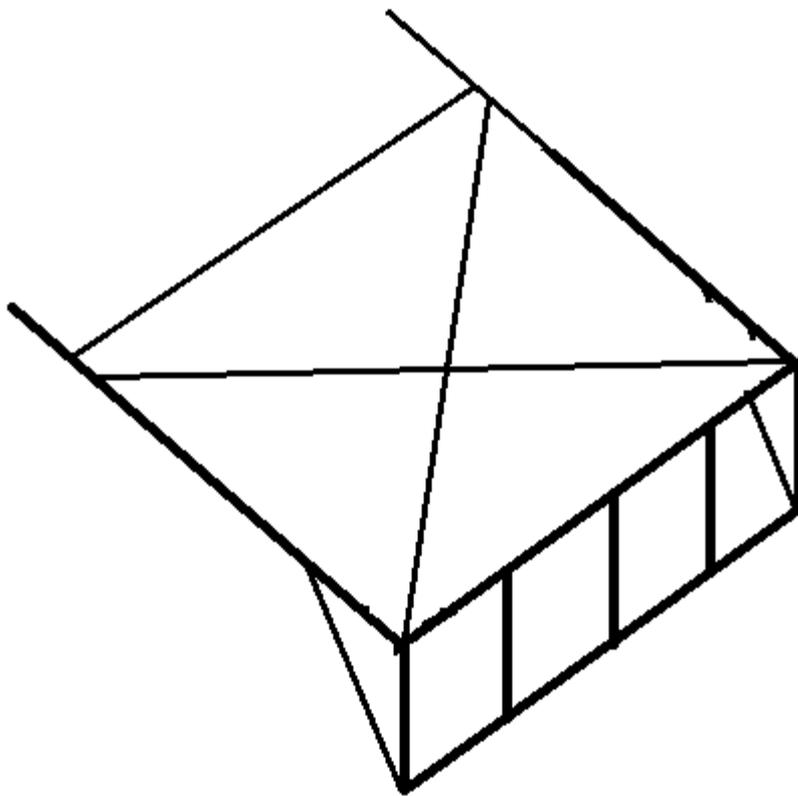
FRONT BUMPER



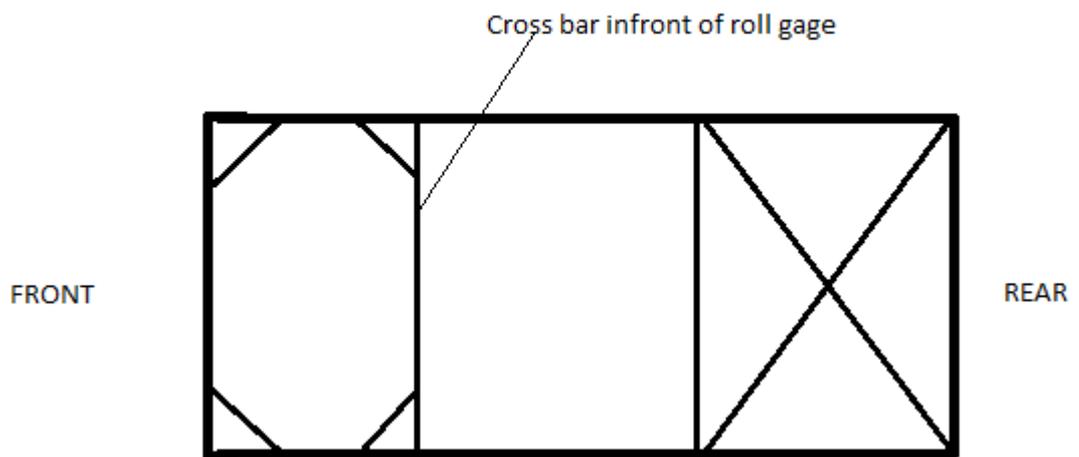
REAR BUMPER



REAR BUMPER CROSS BRACE



BIRDS EYE VIEW



ROLL CAGE

