

# CONSTRUCTION RULES

## 1300 SALOON STOCK CARS

1. Body to be ABS and a reasonable representation of a full size 1300/1400 stockcar. Spoilers are not permitted. Shells to be of a 'hot hatch'/'cc' style no estates or saloon styled shells. Windows Must be fully cut out.
2. The chassis component will consist of one continuous sheet of aluminium or glass fibre-reinforced plastic only. Chassis must extend from a minimum 10mm ahead of the front axle line and runs continuously along the car to end a minimum of 25mm behind the rear axle line. Winged style chassis is permitted provided it is available in a kit from i.e. Kamtec/mardave/tic/large.
3. Mardave/ Kamtec type rear pod base plate, pivot ball and standard V12 spring location, or equivalent parts in shape and construction and mounting locations. 2 rear springs only.  
  
**3a)** Standard Mardave/Kamtec A-arm style front wishbones Only. To be made of plastic only no alloy. NO zen, Schumacher, Rsgt, Rxgt, Atom, venom style parts are to be used. (GT12 parts not eligible).
4. External plastic bumpers to be fitted to the chassis front and rear. Front to be grid & representative of a fullsize stock car. Min height of 25mm and max height of 35mm from chassis to top of the bumper. If a single rail rear bumper is used, it may be spaced up from the chassis. Spacers to be a max length of 8mm. If a grid bumper is used on the rear it must follow all rules of the front bumper. Fixings are not included in height measurements.
5. Overall maximum width of the rolling chassis to be 160mm (178mm including body and bumpers).  
  
**5a)** Wheelbase of 205mm +/-5mm only.
6. Materials used in the rolling chassis may only be steel, brass or aluminium. Special materials (such as titanium or carbon) are not allowed. Brass and lead only may be used as identifiable weights. **6a)** Chassis must not have any extra holes drilled or added to allow extra 'flex' in the chassis component and that the chassis must be a solid design not slotted to achieve extramovement.
7. Damper tubes are not allowed. Oil filled shocks and dampers are not allowed.
8. Front suspension may be independent provided that the suspension design does not have any pivot, rod or other mechanism that alters the wheel camber or castor in roll relative to the chassis during its full travel. and must use the standard two bolt fixing, and not modified/elongated.  
  
**8b)** Ride height/castor can be adjusted with shims/washers. Shims and washers must be made from a solid substance to be a consistent thickness start to finish and rigid. No wedge-shaped spacers or o'-rings are to be used on any chassis mounting points.
9. Rolling element (ball) bearings are allowed on the front and rear axles.
10. Min 25mm, max 26mm width of tyres and Max 60mm diameter no Min diameter of tyres, but the tyre must cover the entire wheel edge to edge. Tyre additives are NOT allowed..
11. Diffs are not permitted
12. Gearing is limited to a 32dp pitch for pinion and Spur gear.

13. Z drives and alloy pods are permitted. Height adjustable rear pods are not permitted.
14. Any 12th scale single bolt wheel to be used, mounted onto a steel axle only.
15. Powered by 4cell brushed setup. cell layout is free and open for driver's choice. Motors permitted to follow the BRCA F2 motor spec and list. Currently HPI Saturn 20, Kamtec, K21 and Schumacher Core21.
- 15a)** Speed controller maximum RRP of £50. Electronic speed controller or mechanical Resistor type speedo controller permitted.
16. Steering servo to be of a maximum of £50 RRP low profile servos are permitted providing they do not exceed the RRP.
17. No GT12 hybrid style cars to be used.
18. Additional holes may be drilled for the re-mounting of the body post and aerial mast locations only.
19. Parts from other manufacturers may be used as long as they serve the same purpose as the part they are replacing.
20. Minimum ride height of 3mm.
21. All added weights must be bolted to the chassis with a nut and bolt.
22. Scratch built cars can be used as long as they are deemed legal after regular scrutineering.

## PERMITTED SHELL LIST

Vauxhall Nova - Kamtec Modelsport  
[Nova Stock Saloon](#) & [Nova Standard Saloon](#)  
[Vauxhall Tigra](#) - Kamtec Modelsport  
Toyota Starlet - Kamtec Modelsport  
[Starlet Box Arch](#) & [Starlet Standard Arch](#)  
[Nissan Sunny](#) - Kamtec Modelsport  
[Nissan Micra](#) - Kamtec Modelsport  
[Talbot Sunbeam](#) - Danza Modelsport  
[Fiesta MK6](#) - Kamtec Modelsport  
[Vauxhall Corsa](#) - Kamtec Modelsport  
[Ford KA](#) - Kamtec Modelsport  
[Honda Civic Hatch](#) - Kamtec Modelsport  
[Honda Civic Mk3](#) - Kamtec Modelsport  
[Honda CRX](#) - Kamtec Modelsport  
[Mazda 323](#) - Kamtec Modelsport  
[Renault Clio Mk1](#) - Kamtec Modelsport  
[Peugeot 206](#) & [206 CC](#) - Kamtec Modelsport  
[Peugeot 205](#) - Kamtec Modelsport  
[VW Golf Mk1](#) - Kamtec Modelsport

This list is not exhaustive, if you want to race a shell that isn't on the list, please contact the club beforehand who will advise on legality and add it to the list if necessary.

