

CONSTRUCTION RULES

2LTR SALOON STOCK CARS

1. Body to be ABS and a reasonable representation of a full size National 2ltr Saloon Stockcar. Spoilers are not permitted. 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, or Mardave/Kamtec trailing arm wishbones only. To be made of plastic or grp only. Mardave MD8 or Kamtec Mini Pro front hubs are the only permitted trailing arm hubs. Alloy hubs are NOT permitted. GRP beam on Mardave Raptor 2ltr Saloon is permitted.

4. External plastic bumpers to be fitted to the chassis front and rear. Front to be grid & representative of a full size 2ltr Saloon 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. 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.

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 extra movement.

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..

10b. Rear tyres must be 37sh red banded Contact tyres only.

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. 15. Powered by 1s Lipo from BRCA EB list and Core RC 13.5t Fixed Timing motor (Part number CR857) or Surpass Rocket Supersonic 13.5t Fixed Timing Motor. All lipo batteries must have a maximum voltage of 4.2v when tested prior to racing. Any lipo found to be over will not be permitted to race.

15a) Core RC Pace 45r, 60r, 95r & 100r brushless speed controller are the only permitted esc. All esc must be run in BLINKY mode only.
16. Steering servo to be of a maximum of £60 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.

PERMITTED SHELL LIST

Kamtec Sierra Sapphire 719
Kamtec Sierra Hatch 703
Kamtec Mondeo Mk3 709
Raw Models Ford Sierra
Raw Models Vauxhall Cavalier (Hatch & Saloon)

