

2021 Saloon Rules

1. RACE ORGANISERS AND SCRUTINNERS

- 1.1. Martin Reynolds.
- 1.2. Harry Archer.

2. SCRUTINEERING

- 2.1. Cars must pass scrutineering at any point during the meeting.
- 2.2. Cars will be required to enter and pass scrutineering at the start of the meeting.
- 2.3. Random scrutineering may take place at any time during a meeting. This will be carried out at the beginning or end of any heat/final. All the cars in the chosen heat/final will be checked.
- 2.4. If a car is found to be illegal at any point during the meeting, the competitor will be disqualified and their points will be scrubbed for that meeting.
- 2.5. Cars will be checked to ensure all parts used are eligible and all rules are adhered to.
- 2.6. The decision of the Chief Scrutineer is final.

3. RACE & CHAMPIONSHIP FORMAT

- 3.1. The meeting will run in the format of 6 X 3-minute heats followed by Finals. Each driver racing once on each lane with all 6 heats to count.
- 3.2. Points will be awarded to drivers in the following order: 1st 25, 2nd 22, 3rd 20, 4th 18, 5th 16, 6th 15, 7th 14 ... and continuing down to... 19th 2, 20th 1.
- 3.3. 1pt will be awarded for fastest lap of each meeting.
- 3.4. An individual's best 7 from 9 rounds will count towards their final championship standing.
- 3.5. In the event of a tie, the result will be decided by count-back. i.e., the driver with the greater number of 1st, 2nd, 3rd etc.
- 3.6. In the unlikely event that there is still a tie, dropped rounds will count.

4. CAR REGULATIONS

- 4.1. Only production-based Saloon/Hatchback type cars with four or more seats are eligible for use. Cars must have raced in a national touring car championship to be eligible.
- 4.2. Nascars, Silhouettes, GT or Cabriolet based cars are not eligible for use. Always check first before building a car for eligibility. Common sense applies here.
- 4.3. Any new cars must be passed by the Chief Scrutineer before being allowed to take part in the Saloon series.
- 4.4. The overall width of the front/rear axle including wheels and tyres must be a maximum of **60mm** and not exceed/protrude from the body shell when the car is viewed from above.

5. BODY SHELL

- 5.1. Body shells must be manufactured from Hard plastic including 3D printed shells or Resin only.
Vac-Forms, Fiberglass or Lexan body shells are not permitted.

- 5.2. Body shells must remain standard as manufactured with no modifications except for body-chassis mounting purposes. No arch extensions, lowering of body shells, trimming of arches, or thinning of body allowed.
- 5.3. Bodies must not exceed 63mm at the widest point, excluding wing mirrors.
- 5.4. Bodies must remain standard as supplied with original parts.
- 5.5. Bodies may be repainted but the use of unpainted bodies is not allowed.
- 5.6. Bodies must be painted so that there are no unpainted areas.
- 5.7. The use of clear coat lacquer over plain plastic is not allowed.

6. INTERIOR & DRIVER FIGURE

- 6.1. Interiors may be replaced with a plastic Vac-Form lightweight interior and must be complete with a driver figure/head.
- 6.2. Interiors must be painted and not see through.
- 6.3. Interior must be a neat fit inside the body so that the chassis is not visible when viewed from above.
- 6.4. Driver Figure must have helmet painted a different colour to the rest of the interior at bare Minimum.

7. CLEAR PARTS

- 7.1. Windscreens/windows must remain standard and remain clear so that the interior can be viewed. (No Vacforms)
- 7.2. Headlamp/tail lamp lenses must be in place at the start of the first heat of each meeting.

8. REPLACEMENT PARTS

- 8.1. Bodies must start each heat/final with spoilers in place and securely fastened.
- 8.2. Wing mirrors and aerials may be removed.

9. CHASSIS

- 9.1. Chassis must be made of Plastic only and must match the body shell it is intended to be used with the exception of the PCS universal chassis.
- 9.2. All chassis must remain standard as manufactured and unmodified with the following exception - chassis may be lightly trimmed to allow for the body shell and motor mount to rock freely.
- 9.3. Excessive trimming will be seen as a modification and reducing weight. This is not allowed.
- 9.4. PCS 32 chassis: the front axle may be stiffened using tubing located in the front axle mount or spacers glued to the side of the original axle clips - the motor mount area may be trimmed out to lower the motor, but the motor must not protrude from the underside of the chassis - the chassis must be securely mounted by using either the Slot it (SICH57b) mounting kit, brass tubing with cup mountings, or by using up to a max number of 4 screw mounting points with body post fixings.
- 9.5. After market chassis are allowed but must be made for and match the body shell it is intended for.
- 9.6. Only chassis available from the following manufactures can be used:
- 9.7. Slot.it
Scaleauto
Sloting Plus

Olifer
SCX
Scalextric
Amato Chassis
TA-71

10. MOTOR MOUNTS

- 10.1. Only inline motor mounts can be used.
- 10.2. Any Chassis used other than PCS 32 that require the use of a motor mount must use the Slot it (SICH110) 0.5mm offset inline mount only.

11. MOTORS

- 11.1. The only eligible motor is the Slot it (SIMX15) 21k black motor.
- 11.2. No hybrids of these motors will be allowed and upgrading of motor magnets or brush gear is forbidden.
- 11.3. Any evidence of the motor being modified or opened will be viewed as tampering and the motor will be deemed illegal.

12. GEARING

- 12.1. Gears must remain standard - No drilling or lightning of gears allowed.
- 12.2. Only the following pinions and gears are allowed to be used:
 - Slot it (SIPI10) 10 tooth pinion
 - Slot it (SIG128bz) 28 tooth Yellow Bronze gearNote - Gearing ratio is fixed to 2.8:1.

13. AXLES & BEARINGS

- 13.1. Axles are free choice but must be made of steel and remain standard and unmodified.
- 13.2. Only solid Axles are eligible for use and must be made from one solid continuous piece.
- 13.3. Hollow axles or independent axles are not permitted.
- 13.4. Axle bearings can be either brass or nylon but must be one piece.
- 13.5. Offset and ball race bearings are not allowed.

14. WHEELS & INSERTS

- 14.1. Only solid one-piece Plastic or Alloy wheels can be used.
- 14.2. Wheels must be 15.8x8mm and the same size front and rear.
- 14.3. Air System wheels must not be used. The definition of air system wheels is that the wheels have a channel or holes drilled around the outer radius or back face of the wheel hub.
- 14.4. Wheels must remain standard, no drilling or lightning of wheels is allowed.
- 14.5. Front wheels must be fixed on to the axle and must NOT be free rotating.
- 14.6. Air System Wheels and F1 sized wheels are not eligible.
- 14.7. Wheels must be fitted with wheel inserts.

15. TYRES

- 15.1. Rear Tyres must be one of the following options
 - 15.1.1. Slot it F22 18x10 reduced Dia (SIPT1207F22)
 - 15.1.2. PCS F22 18x10 reduced Dia Grey (PCS-RT03g)
 - 15.1.3. PCS F22 20x10 reduced Dia Grey (PCS-RT04g)
- 15.2. Tyres must be identifiable. Tyres that are not identifiable will result in disqualification.

- 15.3. Tyres may be trued.
- 15.4. Tyres must not be glued onto the wheels.
- 15.5. Front tyres may be replaced with free choice rubber compound tyres.
- 15.6. Front tyres may be trued and varnished.
- 15.7. You may treat the tyres but they must feel dry to touch at the start of a race.
- 15.8. Tyre goops are NOT allowed.

16. GUIDES

- 16.1. Only the following manufacturers guides may be used:
 - Slot.it.
 - Sloting Plus
 - Scaleauto
 - NSR
- 16.2. Guides must remain standard and must not be modified in any way. (Sloting Plus Guides may be trimmed in length)

17. WEIGHT

- 17.1. Weight can be added inside the car only and must be securely fixed.
- 17.2. Weight must be lead or lead/alloy substitutes only.
- 17.3. Cars must have a minimum weight of 80g and a maximum weight of 85g.

18. FREE CHOICE

- 18.1. Braid.
- 18.2. Motor cable wire.
- 18.3. Chassis and Mount Screws.

19. Denotes

- 19.1. The eligibility of a car will be at the discretion of the organisers and the scrutineer. Any car that is deemed not inkeeping with the spirit of the series will be disqualified.
- 19.2. The organisers have the right to amend these rules at any point during the year. The Organiser's decision is final.