Version 2022-23.01

2022-23 - Saloon Rules

1. SCRUTINEERING

1.1. Cars must pass scrutineering at any point during the meeting.

1.2. Cars will be required to enter and pass scrutineering at the start of the meeting.

1.3. 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.

1.4. 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.

1.5. Cars will be checked to ensure all parts used are eligible and all rules are adhered to.

1.6. The decision of the Chief Scrutineer is final.

2. RACE & CHAMPIONSHIP FORMAT

2.1. The meeting will run in the following formats

2.1.1. 6-11 drivers, 4 lanes 3-minute heats, each driver will race on each of the 4 lanes once with all lane's totals counting.

2.1.2. 12 or more drivers, 6 lanes 3-minute heats, each driver will race on each of the 6 lanes once with all lane's totals counting.

2.1.3. Heats will be followed by Step up finals. Choice of lane goes off heat positions.

2.1.4. 4 lanes 1 driver steps up from each final.

2.1.5. 6 lanes 2 drivers step up from each final.

2.2. 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.

2.3. 1pt will be awarded for fastest lap of each meeting.

2.4. An individual's best 4 from 5 rounds will count towards their final championship standing.

2.5. 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.

2.6. In the unlikely event that there is still a tie, dropped rounds will count.

3. CAR REGULATIONS

3.1. 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.

3.2. 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.

3.3. Any new cars must be passed by the Chief Scrutineer before being allowed to take part in the Saloon series.

3.4. 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.

4. BODY SHELL

4.1. 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.

4.2. 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.

4.3. Bodies must not exceed 63mm at the widest point, excluding wing mirrors.

4.4. Bodies must remain standard as supplied with original parts.

4.5. Bodies may be repainted but the use of unpainted bodies is not allowed.

4.6. Bodies must be painted so that there are no unpainted areas.

4.7. The use of clear coat lacquer over plain plastic is not allowed.

5. INTERIOR & DRIVER FIGURE

5.1. Interiors may be replaced with a plastic Vac-Form lightweight interior and must be complete with a driver figure/head.

5.2. Interiors must be painted and not see through.

5.3. Interior must be a neat fit inside the body so that the chassis is not visible when viewed from above.

5.4. Driver Figure must have helmet painted a different colour to the rest of the interior at bare Minimum.

6. CLEAR PARTS

6.1. Windscreens/windows must remain standard and remain clear so that the interior can be viewed. (No Vacforms)

6.2. Headlamp/tail lamp lenses must be in place at the start of the first heat of each meeting.

7. REPLACEMENT PARTS

7.1. Bodies must start each heat/final with spoilers in place and securely fastened.

7.2. Wing mirrors and aerials may be removed.

8. CHASSIS

8.1. 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.

8.2. 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.

8.3. Excessive trimming will be seen as a modification and reducing weight. This is not allowed.

8.4. 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.

8.5. After market chassis are allowed but must be made for and match the body shell it is intended for.

8.6. Only chassis available from the following manufactures can be used:

8.6.1. Slot.it

8.6.2. Scaleauto

8.6.3. Sloting Plus
8.6.4. Olifer
8.6.5. SCX
8.6.6. Scalextric
8.6.7. Amato Chassis
8.6.8. TA-71

9. MOTOR MOUNTS

9.1. Only inline motor mounts can be used.
9.2. 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.

10. MOTORS

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

11. GEARING

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

12. AXLES & BEARINGS

12.1. Axles are free choice but must be made of steel and remain standard and unmodified.
12.2. Only solid Axles are eligible for use and must be made from one solid continuous piece.
12.3. Hollow axles or independent axles are not permitted.
12.4. Axle bearings can be either brass or nylon but must be one piece.
12.5. Offset and ball race bearings are not allowed.

13. WHEELS & INSERTS

13.1. Only solid one-piece Plastic or Alloy wheels can be used.
13.2. Wheels must be 15.8x8mm and the same size front and rear.
13.3. 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.
13.4. Wheels must remain standard, no drilling or lighting of wheels is allowed.
13.5. Front wheels must be fixed on to the axle and must NOT be free rotating.
13.6. Air System Wheels and F1 sized wheels are not eligible.
13.7. Wheels must be fitted with wheel inserts.

14. TYRES

14.1. Rear Tyres must be one of the following options
14.1.1. PCS F22 18x10 reduced Dia Grey (PCS-RT03g)
14.1.2. PCS F22 20x10 reduced Dia Grey (PCS-RT04g)
14.2. Tyres must be identifiable. Tyres that are not identifiable will result in disqualification.

14.3. Tyres may be trued.
14.4. Tyres must not be glued onto the wheels.
14.5. Front tyres may be replaced with free choice rubber compound tyres.
14.6. Front tyres may be trued and varnished.
14.7. You may treat the tyres but they must feel dry to touch at the start of a race.
14.8. Tyre goops are NOT allowed.

15. GUIDES

15.1. Only the following manufacturers guides may be used:
- Slot.it.
- Sloting Plus
- Scaleauto
- NSR

15.2. Guides must remain standard and must not be modified in any way. (Sloting Plus Guides may be trimmed in length)

16. WEIGHT

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

17. FREE CHOICE

17.1. Braid.
17.2. Motor cable wire.
17.3. Chassis and Mount Screws.

18. Denotes

18.1. 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.
18.2. The organisers have the right to amend these rules at any point during the year. The Organiser's decision is final.