

2021 NSR F1 Rules

1. RACE ORGANISERS AND SCRUTINNERS

- 1.1. Ben Lambourne.
- 1.2. Martin Reynolds.

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. Due to having a magnetic braided track there will be checks for magnatraction at scrutineering or at any point during the meeting.
- 2.6. Cars will be checked to ensure all parts used are eligible and all rules are adhered to.
- 2.7. 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 NSR F1 cars to be used.
- 4.2. Front and rear axle width must not exceed **68mm**.
- 4.3. This is a non-magnet championship. Traction magnets are not allowed.

5. BODY SHELL

- 5.1. NSR 1521 - White Body shell.
- 5.2. Bodies must remain standard as supplied with original parts.
- 5.3. Bodies may be repainted but the use of unpainted bodies is not allowed.
- 5.4. Bodies must be painted so that there are no unpainted areas.
- 5.5. The use of clear coat lacquer over plain plastic is not allowed.

6. INTERIOR & DRIVER FIGURE

- 6.1. NSR 1518 - Interior.
- 6.2. Interiors must be fitted and must remain standard.
- 6.3. Interiors must be fully painted and not see through
- 6.4. Driver Figure must have helmet painted a different colour to the rest of the interior at bear Minimum.

7. CLEAR PARTS

- 7.1. Not Applicable.

8. REPLACEMENT PARTS

- 8.1. Replacement spares packs.
 - 8.1.1. NSR 1516 - Front and Rear wing kit.
 - 8.1.2. NSR 1519 - Front and Rear wing kit. (Flexible)
 - 8.1.3. NSR 1517 - Mirrors, Roll Bar and Air Scoops.
 - 8.1.4. NSR 1520 - Mirrors, Roll Bar and Air Scoops. (Flexible)
 - 8.1.5. NSR 1518 - Interior and Suspension detail.
- 8.2. Bodies must start each heat/final with spoilers in place and securely fastened.
- 8.3. Wing mirrors and aerials may be removed.

9. CHASSIS

- 9.1. NSR 1609 - Chassis main frame.
- 9.2. Chassis main frame must remain standard and unmodified.

10. MOTOR MOUNTS

- 10.1. NSR 1283 - Motor Mount Extra Hard (Red)
- 10.2. Motor Mount must remain standard and unmodified.

11. MOTORS

- 11.1. NSR 3023 - 21,400k, 350g.cm @12v Motor.
- 11.2. Motors must remain standard as supplied by the manufacturer.
- 11.3. Any evidence of the motor being modified or opened will be viewed as tampering and the motor will be deemed illegal.
- 11.4. The motor must be fitted closed side face down.

12. GEARING

- 12.1. Eligible gears:
 - Pinion - NSR 7010 - 10z pinion 5.5mm
 - Contrate – Free choice of NSR or Slot it Inline Gear
- 12.2. Gears must remain standard. No drilling or lightning of gears allowed.

13. AXLES

- 13.1. NSR 4802 - 2.37mm x 55mm Solid Axles.
- 13.2. Axles must remain standard and unmodified.

14. AXLE SPACERS AND STOPPERS

- 14.1. Only the following replacement items for spacing the axles/wheels are allowed.
 - 14.1.1. (SP061100) Slotting Plus 2.38mm axle stoppers

15. WHEELS & INSERTS

- 15.1. NSR 5020 - Front Wheels.
- 15.2. NSR 5021 - Rear wheels.
- 15.3. Wheels must remain standard and unmodified.
- 15.4. Wheels must be fitted with original fit inserts.

16. TYRES

- 16.1. Eligible REAR tyres.
 - 16.1.1. NSR 5284 - Super grip 19.5x13mm rear tyres.
 - 16.1.2. NSR 5285 - Ultra grip 19.5x13mm rear tyres.
 - 16.1.3. NSR 5287 - Super grip 19x13mm tyres.
 - 16.1.4. NSR 5288 - Ultra grip 19x13mm tyres.
 - 16.1.4.1. Rear tyres may be trued.
 - 16.1.4.2. Rear tyres can be glued onto the wheels.
- 16.2. Eligible FRONT tyres
 - 16.2.1. NSR 5283 - zero grip 18x10mm Front tyres.
 - 16.2.1.1. Front tyres may be trued and varnished.
 - 16.2.1.2. Minimum front tyre size 18mm dia.
- 16.3. You may treat the tyres but they must feel dry to touch at the start of a race.
- 16.4. Tyre goops are NOT allowed.

17. GUIDES

- 17.1. NSR 4841 – standard guide can be replaced with the following item.
 - 17.1.1. NSR 4859 wood track guide.
- 17.2. Guide must remain standard and must not be modified in any way.

18. WEIGHT

- 18.1. Weight may be added inside the car only.
 - 18.1.1. Maximum Weight =85g

19. FREE CHOICE

- 19.1. Braid.
- 19.2. Motor cable wire.
- 19.3. Grub screws.
- 19.4. Motor mount screws.

20. Denotes

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

21. ELIGIBLE PARTS LIST

- 21.1. NSR 1521 – Body Shell
- 21.2. NSR 1516 – Parts Pack Front and rear wing.
- 21.3. NSR 1517 – Parts Pack Mirrors, Roll hoop & Air Scoops.
- 21.4. NSR 1518 – Cockpit & suspension detailing.
- 21.5. NSR 1609 – Chassis
- 21.6. NSR 1283 – Motor Mount
- 21.7. NSR 5540/1/2/3 – Wheel Inserts
- 21.8. NSR 5020 – Front Wheels
- 21.9. NSR 5021 – Rear wheels
- 21.10. NSR 5283 – Front tyres
- 21.11. NSR 5284 – Supergrip 19.5x13mm tyres
- 21.12. NSR 5285 – Ultragrip 19.5x13mm tyres
- 21.13. NSR 5287 – Supergrip 19x13mm tyres
- 21.14. NSR 5288 – Ultragrip 19x13mm tyres
- 21.15. NSR 4802 – 2.37 x 55mm Solid Axles
- 21.16. NSR 4841 – Guide 7mm
- 21.17. NSR 4859 – Guide 9mm
- 21.18. NSR 3023 – Motor 21,400k, 350g.cm & 12v
- 21.19. NSR 7010 – 10z pinion 5.5mm
- 21.20. NSR – Free Choice Inline Contrate Gear
- 21.21. Slot it – Free Choice Inline Contrate Gear
- 21.22. SP061100 – Slotting Plus Axle Stoppers