



# Rockingham

## **SCALEXTRIC Club**

### **NSR GT3 RACING CHAMPIONSHIP**

- **The following cars will be eligible to race:-**

#### **NSR**

Porsche 997  
Chevrolet Corvette C6R  
Audi R8  
Aston Martin Vantage (ASV)  
BMW Z4

This list is based upon GT3 cars made by NSR that compete in the FIA GT Championship and are also eligible for the National NSR GT3 slot car Championship.

If you think any car should be added to or removed from this list please let us know.

**Once a class has been selected for a mini series no alterations can be made to the rules for that class until after the conclusion of the mini series.**

## **TECHNICAL REGULATIONS**

### **1. Motors & Motor Mounts**

- a. All eligible cars must be powered by one of the following motors:
  - **NSR 3023 - 21.4k motor with purple wrapper as supplied with current cars.**
  - **NSR 3017 - 21.4k motor with orange wrapper as supplied with earlier cars.**
  - **Scaleauto SC026 - 22k (Endurance)**
- b. The motor mount must be of the type supplied standard with the car.
- c. All colours of motor mount are permitted.
- d. No modifications to the motor or motor pod\* are permitted except as detailed below;
  - \*The harder motor pods (Red/Brown) are prone to cracking when removing or installing a motor it is therefore permitted, for all motor mounts, to open up/ease the upper side of the rear motor bracket to allow the motor to be pushed in without fear of cracking the motor mount.
  - Excessive 'chopping' of the motor mount will not be tolerated.
- e. Motor position in the motor pod may not be altered in any way.
- f. Motor pod position in the chassis may not be altered in any way.
- g. Motor pod mounting screws are free choice and may be left loose but must be prevented from falling out.
- h. Rear-wheel drive only is permitted.

### **2. Gears**

- a. Only gears manufactured by NSR may be used.
- b. The pinion can be 12, 13 or 14 teeth.
- c. The crown gear is free choice from the NSR range.

### **3. Wheels**

- a. Only NSR wheels may be used.
  - Front wheels: must be either NSR 5001 (small) or NSR 5003 (large).
  - Rear wheels: must be NSR 5004 (large).
- b. Wheel inserts do not have to be fitted but, if fitted must be fitted to all 4 wheels.

### **4. Tyres**

- a. Any NSR rubber tyres that will fit the wheels may be used.
- b. The NSR logo must remain visible on the tyres at all times.
- c. Tyres may be glued onto the wheels, and may be sanded true.
- d. Front tyres may be coated with nail varnish, super glue or similar.
- e. Any tyre cleaner/treatment used must not leave a residue on the tyres or track.
- f. Tyres must be dry whenever the car is placed onto the track.
- g. Sponge tyres and tyre dressings (goop) of any kind are not permitted.
- h. Tyres made from, or containing, Silicone must not be used.**

### **5. Rear Axles**

- a. Rear axles are free choice but the maximum width measured over the outside of the axles, wheels and tyres must not exceed 64mm.
- b. Only the standard NSR rear axle bearings as supplied with the car may be used.
- c. An axle stopper may be fitted to the rear axle to aid gear alignment and axle side play.

## **6. Front Axles**

- a. Front axles are free choice but the maximum width measured over the outside of the axles, wheels and tyres must not exceed 64mm.
- b. Spacers may be fitted to stabilise the front axle.

## **7. Slot Guide**

- a. All cars must have one slot guide only.
- b. Any guide supplied as original equipment with any eligible car may be used.
- c. Any standard NSR white slot guide may be used with no modification to the guide or guide mounting.
  - NSR part numbers - 4841, 4842, 4843, 4844.
- d. Guide to motor wires and pick up braids are free choice.

## **8. Lights etc.**

- a. Any car fitted with working lights etc. may have the light bulbs, LED's, wiring, PC board, etc. removed, but must retain all external lenses.

## **9. Ballast**

- a. Ballast weight may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.
- b. Ballast may not be used to stiffen the chassis in any way.
- c. Traction magnets must be removed.

## **10. Body and Chassis**

- a. Bodies and chassis must be used complete and unmodified except as detailed below.
- b. Bodies may be repainted provided that doing so does not distort the body.
- c. White body kits must be fully painted.
- d. All cars must have a realistic colour scheme and carry at least three racing numbers.
- e. The original injection moulded interior must be retained complete, including a full length driver, and this may be glued in place.
- f. Vacuum formed or other light weight interiors are not permitted.
- g. No part of the chassis or running gear may be visible through the cockpit/cabin area.
- h. Windscreen and window mouldings must be retained, and be complete and original.
- i. Wheel arches may not be enlarged in any way but moulding flash may be cleaned off
- j. Cars fitted with a co-driver may have the co-driver removed if desired.
- k. All detail parts must be securely fitted in place at the start of racing.
- l. Rear wings must be securely fitted in place at the start of every race.
- m. Chassis must be the black chassis supplied as standard with the car.
- n. No lamination or taping is permitted which alters the stiffness of the chassis.
- o. The original drop arm as supplied with the car must be retained but may be fixed or adjusted for movement using the screw fixing supplied.
- p. Chassis ride height may not be lowered in any way.
- q. Body to chassis mountings may not be lowered in any way.
- r. Minor scraping or sanding of the body sides and/or chassis edges is permitted to allow the body to move freely on the chassis.
- s. Body fixing screws are free choice and may be left loose
- t. Adhesive tape or 'blue tack' must be placed over the body fixing screw holes to prevent screws from falling out.

## **11. Ground Clearance**

- a. There is no minimum ground clearance rule but at no time may the body, chassis, motor or gears touch the track surface in normal use.
- b. When the car, race ready, is placed on a slotted, flat surface, all 4 tyres must touch the surface and all 4 wheels must rotate when it is pushed forward.**

## **12. Finally...**

If the rules do not expressly say that you can do something then you cannot do it.

- The above rules will apply to our club night events.
- If you intend to enter the National Series please double check everything you do to your car with National Series Rules which can be found on SlotForum.

## **Index to amendments**

<u>Issue No</u>	<u>Date</u>	<u>Amendment</u>
1	02/05/13	First draft.
4	01/08/13	Simplify and clarify using standard wording for each section.
4a	14/04/16	Updated to match the 2016 National Rules.