



## ***Extreme Slotting Technical Rules 2023***



### **The Format**

The entrants cars will be run individually on the hosts track for a set number of laps (depending on the number of entries received) and the overall time including off's will be recorded for each stage of the Round. If the host has a 2 track configurations or both an SCX and Ninco tracks and if a club has 2 different track types or configurations, this will be run in a similar way. The combined results from both stages can be combined as a Round Result. The results of each of the Rounds posted before the entrants cars are sent onto the next host. After each Round of the stages the final placings of all the vehicles within the Categories will be allocated points 10 max and 1 minimum. Stage results and commentary etc will be updated regularly on Slotracer online.

### **Categories of the vehicles**

**R1 (Only NINCO) vehicles allowed :- BMW X5, Ford Ranger, Bowler, Mitsubishi Pajero, VW Toureq, Schlessler buggy, Hummer and Pro truck.**

**Must run standard motor (Raider NC-7), running gear and wheels, Chassis, Body and interior must be standard.**

**R2 (Only SCX) vehicles allowed :-Peugeot 405, Mitsubishi Pajero, Buggy, Hummer, Nissan Patrol and VW Toureq. Must run standard RX motor, running gear and wheels, chassis, Body and interior must be standard.**

### **R3 Class ( Light Weight Vehicles)**

**Procars (Avant, MSC/Scaleauto, Proslot), modified Category R2 cars, scratch build Prototype cars and small Vans.**

**Body can be made of any plastic material. Chassis can be made of plastic, 3d or metal. Interiors must include both driver and navigator, wheels must have inserts and all parts fully painted.**

### **R4 Class (Vans & Trucks)**

**Procars (Avant) or scratch build Large Vans and Lorries.**

**Body can be made of any plastic material. Chassis can be made of plastic, 3d or metal. Interiors must include both driver and navigator, wheels must have inserts and all parts fully painted.**

### **R5 Class (Dakar Classic Sprint Race)**

**Standard RTR models from Scalextric, Carrera, Ninco, Fly, Revell, Avant, Scaleauto, Team Slot etc. Any upgrades or modifications are allowed. No RAID specific RTR vehicles are permitted which are specified within the Category's R1, R2, R3 & R4. But parts can be use in order to scratch build suitable models if they comply with the rules below.**

## **Technical Rules specific to R5**

Resin or 3d printed hard plastic moulded bodies are permitted. No lightweight vacuum formed shells permitted.

Chassis can be as supplied as in RTR models, modified or with 3d printed replacement and Brass & wire chassis are permitted. Motor type and orientation is free choice.

Interior can be original or a 3d representation lightweight replacement. Interiors must include both driver and navigator, wheels must have inserts and all parts fully painted. Drop arms if used should have a maximum active drop (braids to front wheels when in maximum open position) of 2cm. Guides with suspension fitted is highly recommended. Maximum practical track clearance should be used depending on model.

## **General Raid Slot Vehicle Technical Rules (Class R1,R2, R3, R4 & R5)**

**T1) Magnets :** Magnets are forbidden for any of the classes. It is permissible to remove the plastic piece which acts as a protection of the original magnet.

**T2) Wheels & Tyres :** All categories have free choice of tyres . They must be made of rubber original or from another commercial brand. They must cover the entire rim on it's circumference and width. For categories R1,R2,R3 Minimum tyre diameter is 19mm on all wheels. Category R4 vehicles must have a Minimum diameter of 25mm. Category R5 vehicles must have tyre diameters to scale. All wheels must be freely rotating and touching the track.

**T3) Ballast :** the location is free, but must always be located above the plane of the chassis, it is not allowed to place ballast under the chassis or drop arm.

### **T4) Guides**

Guides will need to work on any brand of slot track, namely Ninco, SCX, Scalextric, Carrera or wood. Maximum depth of guide flag is 6mm, thickness 1.75mm and length not exceeding 19mm. Sprung guide shoes are recommended. The guide shoe must not protrude in front of the vehicle as viewed from above.

### **T5) Dimensions of all the vehicles in classes**

Maximum allowed rear tyre wall width is 75mm (some of the larger vehicles depending on wheelbase, guide position etc will struggle on the tight inside corners on some of the host SCX tracks).Recommended rear tyre wall width is maximum 70mm to ensure clean run on SCX inside corners.

Long wheelbase vehicles, it is recommended for this proxy to restrict wheel base to around 90-110mm Maximum, longer wheel base Trucks will not run easily around the tight inside corners of many of the host tracks.

Maximum height is 11cms for crossing under bridges

Minimum rear chassis (including motor) to track clearance for category R1,R2.R3 and R4 vehicles of 4.5mm.

## **Additional Requirements of Class R3 &R4 models.**

S1) Any chassis (including metal) & body (moulded or formed), motor, shock absorbers, drop guide are all free, no constraints but must be able to run freely on SCX and NINCO classic rough terrain tracks.

S2) No autonomous models- ie must have a driver and co-driver in a 3d form visible from outside.

S3) Drop arms- must have a reach from the bottom of the tyres to the track surface of between 4-5cm, have a maximum width of 1.7cm.



The guide shoe must not protrude in front of the vehicle as viewed from above.



It is expected that any R3 or R4 scratch build cars are constructed as to be able to negotiate the same obstacles as for any other cars listed within their categories.

Exception for scratch build vehicles constructed to run in category R5 (Classic Dakar Sprint Race) which will be run without obstacles on the track.

*This proxy event is meant to be more of a vehicle capability competition rather than a flat sprint race.*

## Entries

The Proxy will be limited to 3 vehicles per entrant for any of the 5 Categories and only one vehicle is allowed to enter any one Category.

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