



2024 VINTAGE EP OFF-ROAD RULES

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V1 GENERAL

- V1.1 Vintage EP Off-Road rules have been written and approved by the NZRCA Executive to assist clubs who wish to host Vintage meetings.
- V1.2 Rule changes are to follow rule G2.
- V1.3 All cars must be electrically powered.
 - V1.3.1 1/10th scale commercially available 2wd buggy, 4wd buggy & 2wd trucks having an initial release date of Pre 1995
 - V1.3.2 1/10th scale commercially available **plastic chassis*** 2wd trucks, having an initial release date of Pre 1995;
 - V1.3.3 1/10th scale commercially available **plastic chassis*** 2wd buggy or 4wd buggy's having an initial release date of Pre 31st October 1989.
 - V1.3.4 1/10th & 1/12th scale vehicles which fulfil the intent of the "Stunt Class" (formally "Lunchbox Class").
 - V1.3.5 4wd trucks and short-course chassis types are not eligible.
 - V1.3.6 Re-released kits shall be considered for entry in the same class as the original release providing the re-released design is a fair representation of the initial release. **In certain circumstances, the race director may allow a vehicle to be placed into a class which is 'most appropriate' e.g. a Tamiya Sand Scorchers has an FRP chassis, but the most appropriate class may be 2wd plastic, rather than 2wd Spec or Mod.*
 - V1.3.7 The race director shall have the final decision on both the acceptability of a car, and the applicability for a class.

V2 Speed Controllers

- V2.1 Speed Controllers – Any "Servo operated Mechanical Speed Controller" or "Electronic Speed Controller" is allowed.

V3 Bodies

- V3.1 Body must be of commercially available origin, of an off-road buggy or truck type only. It is encouraged that driver figures be installed per original release. Wings should be installed per original release. Bodies & chassis must not have any dangerous features i.e. spur gear covers to be fitted where appropriate; no protruding screw points etc.

V4 Batteries

- V4.1 Battery capacity is unlimited.
- V4.2 Cells are limited to maximum of 6 Ni-Mh / Ni-Cd cells or 2S Li-Po / Li-Fe.
- V4.3 Batteries to be as per rule G17
- V4.4 There is no restriction on the battery connector type.

V5 Servos

- V5.1 There is no restriction on the type of servo used.

V6 Race duration

- V6.1 All heat races and finals shall be of 5 minutes duration.

V7 Grids

- V7.1 Grids must be a minimum of 1.5 meters from the front of each car to the front of the next car, measured in a parallel line to the track centre line. Arrangement of the grid is up to the Race Director in consultation with event organisers.

V8 Classes

- V8.1 Classes offered are:
- 2wd Buggy Stock - Pre 1995 (Silver-can brushed motor only);
 - 4wd Buggy Stock - Pre 1995 (Silver-can brushed motor only);
 - 2wd Truck Stock - Pre 1995 (Silver-can brushed motor only);
 - Tamiya Stunt Class (Silver-can brushed motor only);
 - 2wd Plastic chassis – Pre 1989 (Silver-can brushed motor only);
 - 4wd Plastic chassis – Pre 1989 (Silver-can brushed motor only) ;
 - 2wd Plastic chassis Truck Pre 1995 (Silver-can brushed motor only);
 - 2wd Buggy Mod - Pre 1995;
 - 4wd Buggy Mod - Pre 1995;

V9 Weights

- V9.1 Minimum weights for a vehicle including transponder are:
- 2wd Buggy 1474g
 - 4wd Buggy 1588g
 - 2wd Truck 1700g

There is currently no weight limit imposed on Stunt or plastic chassis class vehicles.

V10 Motors

- V10.1 Plastic chassis, Tamiya Lunchbox and kids classes shall run unopened, unmodified Johnson 540s or Mabuchi 540s or Kyosho G27 540, closed can, sealed end bell, brushed, with non-replaceable brushes and bushes. Silver-can brushed motors are to be supplied by the competitor.
- V10.2 Mod Classes - may run any commercially available brushed modified motor or brushless motor.

Class Specific Rules

V11 Stunt Class – Lunchbox, Hornet, Blackfoot & variants

- V11.1 1/10th & 1/12th scale vehicles which are not considered “Race Orientated” type vehicles, where their respective performances are similar. Eligible vehicles include:
- a. Tamiya Lunchbox series
 - b. Tamiya Grasshopper & Hornet series
 - c. Tamiya Blackfoot and Monster Beetle series
 - d. Other similar vehicles may be eligible for entry at the race director’s discretion.

V12 2wd, 4wd & Truck Plastic Chassis

- V12.1 Vehicles shall be assembled as per original assembly manual and shall run a silver-can motor.

- V12.2 2wd & 4wd buggy driven wheels shall be no larger than 2" diameter.
- V12.3 The following period relevant hop-ups are allowed:
- a. Ball Bearings;
 - b. Sway bars;
 - c. Aftermarket / non original wheels & tyres providing the driven wheels are no larger than 2" (for 2wd & 4wd buggy);
 - d. Oil filled dampers;
 - e. Different pinion gear providing it is a intended hop-up (no dremeling of motor mounts to fit larger pinion gears);
 - f. Universal joints or CVAs.

V13 Stock & Mod classes

- V13.1 Any **period relevant** hop-ups are allowed.
- V13.2 There is no restriction on wheels or tyres.