



2026 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 Scorcher 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.