



2015 VINTAGE EP OFF-ROAD RULES

CONTENTS

VINTAGE GENERAL RULES

V1. GENERAL	2
V2. SPEED CONTROLLERS	2
V3. BODIES	2
V4. BATTERIES	2
V5. SERVOS	2
V6. RACE DURATION	3
V7. CLASSES	3
V8. WEIGHTS	3
V9. MOTORS	3

CLASS SPECIFIC RULES

V10. TAMIYA CW-01 - LUNCHBOX, MIDNIGHT PUMPKIN, UNIMOG & MONTERO WHEELIE	3
V11. 2WD, 4WD & TRUCK PLASTIC CHASSIS	4
V12. 2WD, 4WD & TRUCK PLASTIC CHASSIS	4

V1 GENERAL

- V1.1 Vintage EP Off-Road rules have been written and approved by the NZRCA Executive. The NZRCA Executive may alter/amend these rules at any time if required for the benefit of maintaining the term “Vintage”.
- V1.2 Vintage rules can only be altered/amended by the NZRCA Executive.
- 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 Tamiya CW-01 class vehicles, including at time of writing, the Lunchbox, Midnight Pumpkin, Unimog & Montero Wheelie.
- 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 Li-Po / Li-Fe batteries shall be a maximum of 40C Hard Case Only
- V4.4 Li-Po / Li-Fe batteries must be charged in a Li-Po sack per NZRCA General Rules G16.3
- V4.5 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 CLASSES

V7.1 Classes offered are:
2wd Buggy Spec - Pre 1995 (Handout brushed motor only);
4wd Buggy Spec - Pre 1995 (Handout brushed motor only);
2wd Truck Spec - Pre 1995 (Handout brushed motor only);
Tamiya CW-01 (Lunchbox type) Chassis (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;

V8 WEIGHTS

V8.1 Minimum weights for a vehicle including transponder are:
2wd Buggy 1500g
4wd Buggy 1600g
2wd Truck 1700g
Tamiya CW-01 Class vehicles shall be built per the original release and there is no weight limit imposed.

V9 MOTORS

V9.1 Plastic chassis, Tamiya Lunchbox and kids classes shall run unopened, unmodified Johnson 540s or Mabuchi 540s closed can, sealed end bell, brushed, with non-replaceable brushes and bushes per NZRCA Offroad rule B7. Silver-can brushed motors are to be supplied by the competitor.
V9.2 Spec classes shall run hand-out 'Team Powers' brushed 27t, fan cooled closed end-bell type (P/N TP-540B-94F). Should the motor fail during the event, the competitor may purchase a replacement from the host club. Defective motors may be replaced at the discretion of the race director.
V9.3 Mod Classes - may run any commercially available brushed modified motor – brushless motors are strictly prohibited.

CLASS SPECIFIC RULES

V10 TAMIYA CW-01 - LUNCHBOX, MIDNIGHT PUMPKIN, UNIMOG & MONTERO WHEELIE

V10.1 Vehicles shall be assembled as per original assembly manual and shall run a silver can brushed motor.
V10.2 Wheels and tyres to be kit items only.
V10.3 No 'lightening' of the chassis or body is allowed.

- V10.4 The body must be a Tamiya item intended for the chassis. Metallic special variants are allowed.
- V10.5 The following period relevant hop-ups are also allowed:
Ball Bearings;
Oil filled dampers (Tamiya plastic CVA type only; 5th shock mods on rear swing arm are not allowed).

V11 2WD, 4WD & TRUCK PLASTIC CHASSIS

- V11.1 Vehicles shall be assembled as per original assembly manual and shall run a silver-can motor.
- V11.2 2wd & 4wd buggy driven wheels shall be no larger than 2" diameter.
- V11.3 The following period relevant hop-ups are allowed:
Ball Bearings;
Sway bars;
Aftermarket / non original wheels & tyres providing the driven wheels are no larger than 2" (for 2wd & 4wd buggy);
Oil filled dampers;
Different pinion gear providing it is a intended hop-up (no dremeling of motor mounts to fit larger pinion gears);
Universal joints or CVAs.

V12 SPEC & MOD CLASSES

- V12.1 Any **period relevant** hop-ups are allowed.
- V12.2 There is no restriction on wheels or tyres.