

A logo for the 2010 EP NZRCA Offroad Champs. It features a red and grey chevron shape pointing downwards, with the text "2010 EP NZRCA OFFROAD CHAMPS" in white capital letters inside.

2010 EP NZRCA  
OFFROAD CHAMPS

**Hosted**

**By:**

**Kaipara Radio Control Car Club**

*With assistance from:*

**Whangarei R/C Car Club**

*and*



**Dates:** 2<sup>nd</sup> to 4<sup>th</sup> April 2010

**Venue:** ARCCC, Savill Drive, Mangere, Auckland.

**Classes:**

2WD Stock	2WD Modified
4WD Stock	4WD Modified
2WD Stock Truck	2WD Modified Truck
4WD Stock Truck	4WD Modified Truck

**Exhibition Classes:**

Corrs Truck racing in Kaipara Champs

1/8<sup>th</sup> Electric Buggy/Truggy

**Entries:**

All entry forms must be accompanied with entry fee or entry fee can be paid directly into Kaipara Radio Control Car Club's account: <accountnumberhere>

Cheques to be payable to Kaipara Radio Control Car Club

Entry Forms to be sent to:

Kaipara Radio Control Car Club

C/- Darren Johnston

10 Tisdell Crescent, St Johns

Auckland

**Entries Close:** Friday 19<sup>th</sup> of March

Late entries may not be accepted.

There must be at minimum five entries before a class is run.

The event organisers reserve the right cancel classes with insufficient entries. Competitors will be advised by telephone, email or other confirmable contact method.

**Entry Fees:**

1st Class:	\$30.00
Additional Classes:	\$15.00
Corrs Truck:	\$20 or \$15 if another NZRCA Class is entered
1/8 <sup>th</sup> Electric Buggy/Truggy:	Free with entry of another NZRCA Class

NOTE: There will be no additional charge for the 1/8<sup>th</sup> Electric Buggy/Truggy races but you must enter at least one other NZRCA Class. This class does not have trophies.

**Stock Motors:** Competitors are required to supply their own stock motors.

**Eligibility:** All drivers must hold a current NZRCA license and be a financial member of an affiliated club. It is the driver's responsibility to ensure they have their license/club membership card with them. They will be checked at registration/scrutineering.

**Results:** An AMB transponder system will be used for lap counting. Use of personal transponders is allowed but it is the driver's responsibility to check the correct number has been entered and that they are registering.

**Qualifying:** There will be three heats of qualifying for every class. Starting grids for finals will be determined by your qualifying result. Qualifying will be run with a staggered start format, with the one best round to count.

**Finals:** Maximum of ten cars per heat. Three rounds for all mains where the 2 best rounds will determine the final results.

**Starting Grid:** This event will be run using in-line starting grids.

**Marshalling:** Competitors are expected to marshal the race immediately following their own race, unless physically disabled or racing back-to-back races. In these cases the competitor must appoint a substitute marshal and the race director must be advised. No open-toed footwear please. There is to be NO eating, talking on cell phones or use of MP3 type music players while you are marshalling. **Your undivided attention is required at all times while marshalling.**

**Scrutineering:** NZRCA rules dated 01/09/2009 will be strictly adhered to. Please ensure your car/s comply with all aspects of the NZRCA rules before submitting them. See attached rules for Corrs Trucks and 1/8<sup>th</sup> Electric Buggy/Truggy  
The NZRCA's position is that the onus is on the driver to prove legality in the event of a dispute.

**Transmitter Pound:** A transmitter pound will be in use for **all transmitters** at this event.

**Control Tyre:** There will be a control tyre for this event, it is **JConcepts Goosebumps**

Only the control tyre supplied by the organiser may be used. 1 pair per entry for driving wheels will be available. **The tyres will be available for practice on Friday.**

**Frequencies:** All competitors using crystals must have at least two legal frequencies for each car entered. In the event of a frequency clash in a final, the higher placed competitor after qualifying will have preference for available frequency.

## **Race Programme:**

*Friday:* Practice, if large numbers of entrants, practice will be controlled. Please note, power is not available on this day.

**Saturday:** Qualifying.

Track opens: 7am both days  
Practice from 7.30am till 8.45am  
Scrutineering 7.30am till 8.30am  
Drivers briefing 9am  
Racing starts 9.30am

**Sunday:** Finals.

*There will be no rain day for this event; however the event organisers reserve the right to adjust the race programme due to weather conditions.*

Organisers reserve the right to change times depending on entries received

**Shelter:** Shelter will be provided to all Competitors with tables and chairs also being provided to anyone who is flying to the event.  
Limited power for this event.

**Further Information:** For further information you can contact:

Murray Macdonald [fat.mac@xtra.co.nz](mailto:fat.mac@xtra.co.nz) 0275650459  
Brian Smith [brian.smith@metalcraftroofing.co.nz](mailto:brian.smith@metalcraftroofing.co.nz) 0274441427  
Barry Johnstone [barryjohnstone@xtra.co.nz](mailto:barryjohnstone@xtra.co.nz) 021723551  
Darren Johnston [fatbear@ihug.co.nz](mailto:fatbear@ihug.co.nz) 021580020

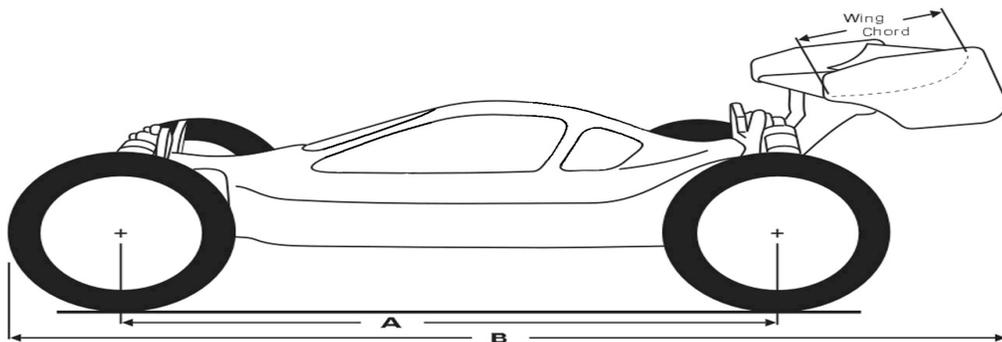
## **CORR Truck Class Rules:**

- 1) Only Traxxas Slash, Associated SC10, Losi Strike or HPI Blitz. No other trucks masquerading as CORR trucks are eligible.
- 2) You can replace parts with the same or a similar part (like aluminum shocks, RPM arms, or Proline bodies for instance) - but you can't add parts such as sway bars. You cannot use parts not designed for the truck such as 1/8th Big Bore shocks.
- 3) Tyres and rims are to be stock Traxxas, Associated, Losi or HPI parts, or the Proline Epic (or Split Six) rims and Switch tyres and Bowties. No JC Goosebumps, nor 17mm adaptors & 1/8th buggy rims/tyres.
- 4) You can replace the servo, ESC, receiver or radio.
- 5) Motors limited to Brushed motors : 12 Turn 550 size or 15 turn 540 size and Brushless motors 10.5t
- 6) Battery has to be Nicad or Nimh 6 cell 7.2v, or 2 cell 7.4v Lipo. Any capacity. No 7 cell

## 1/8 Scale Electric Off-Road Buggy

### Dimensional Specifications

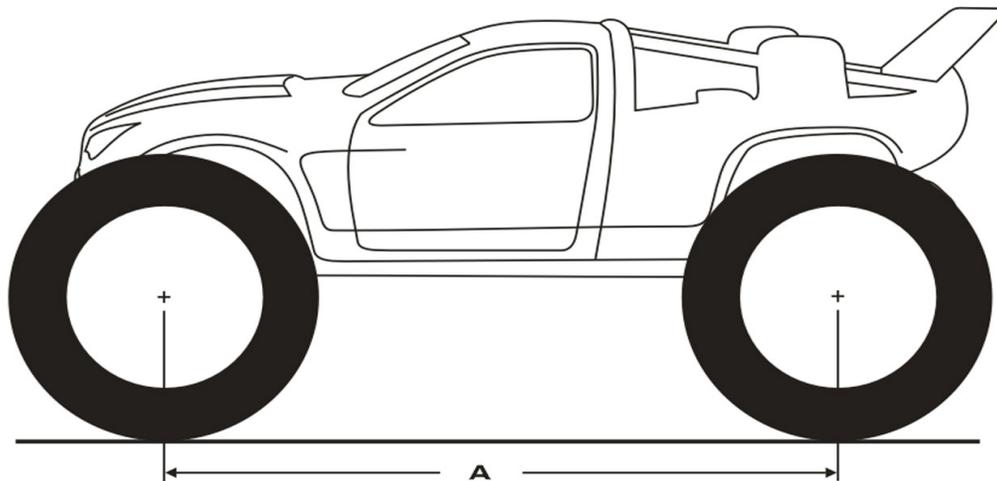
Item		Limit	Specification	
Length (B)		Maximum	730mm	
Width		Maximum	310mm	
Height (measured with suspension compressed)		Maximum	250mm	
Wheelbase (A)		Maximum	330mm	
		Minimum	270mm	
Weight		Minimum	3200 Grams	
Wheels	Mounting Bead Diameter	Minimum	79.00mm	
		Maximum	83.50mm	
	Overall Diameter	Maximum	88.50mm	
	Width	Maximum	44.45mm	
Tires	Diameter	Maximum	119.38mm	
		Minimum	109.22mm	
	Width	Maximum	46.99mm	
Rear Wing	Side Dam	Length	Maximum	92.07mm
		Height	Maximum	60.33mm
	Chord		Maximum	85mm
	Width		Maximum	217mm



## 1/8 Scale Electric Off-Road Truggy

### Dimensional Specifications

Item		Limit	Specification	
Length		Minimum	465mm	
		Maximum	600mm	
Height (measured with suspension compressed)		Maximum	250mm	
Width		Minimum	300mm	
		Minimum	450mm	
Weight		Minimum	3900 Grams	
Wheels	Mounting Bead Diameter	Maximum	95.25mm	
	Overall Diameter	Maximum	101.6mm	
	Width	Maximum	55.88mm	
Tires	Diameter	Minimum	137.16mm	
	Width	Minimum	60.33mm	
Rear Wing	Side Dam	Length	Maximum	92.07mm
		Height	Maximum	60.33mm
	Chord		Maximum	77mm
	Width		Maximum	217mm



**Tire type:** Rubber only.

**Battery Cells:**

14.8v lithium battery maximum

11.1v 3s Lipo

14.8v 4s Lipo

If two 2s 7.4v Li-Poly packs are used, they must be the same brand and part #.

**Transmission and drive:** Single speed transmissions only 4WD, Gear covers required.

**Suspension:** Independent.

**Body Style:** Buggy or other off-road style body that resembles an actual off-road racing non-truck type vehicle

**Race lengths**

**Qualifiers:** 5-10 minutes

**A Mains:** 5 - 20 minutes

**Other Mains:** 5 - 10 minutes

**BUMPER RULES**

Bumpers are not required in all classes, but when used, they must be shock absorbing and non-metallic, with no sharp edges. For safety, rigid bumpers, such as fiberglass and composites, are not permitted.

Front bumpers must be of at least 1/8" material (3/32" for 1/12). Bumpers will not extend forward of the body except on off-road cars. The bumper may not extend to the side beyond the outer edge of the tires.

Rear bumpers must be made of a solid material with rounded edges and may not extend to the side beyond the outer edges of the tires, and may not extend beyond the rearmost part of the body except in off-road vehicles.

**GENERAL VEHICLE RULES**

The use of traction control sensing devices, active suspension devices, and steering control devices aided by gyroscopes or accelerometers (G-force sensors) of any kind is strictly prohibited. Sensors may be used for the purpose of passive data recording but not for adjusting the performance of the vehicle while in motion.

Multiple speed transmissions are not allowed.

When originally entered in an event, the body must be complete, neatly finished, painted, and trimmed. No clear areas except windshields and windows are allowed. No clear areas or stripes through body colors are permitted. No objectionable or suggestive art, decals, or lettering will be permitted.

Sharp or otherwise dangerous parts or features on a body are not permitted.

All vehicles must have a readily removable body. The body and chassis must be securely joined at all times while the vehicle is on the track. Rubber bands are not allowed for this purpose. If a body comes off a vehicle during a race, the vehicle must be taken off.

Openings in the body other than those appropriate to full-size vehicle openings such as grill, scoops, air vents, etc., must be kept to a minimum. Specifically servos, receivers, batteries, and servo savers are not allowed to protrude through the original body shell.

2010 NZRCA EP OFFROAD NATIONAL CHAMPIONSHIPS Entry Form					
<b>Name:</b>					
<b>Address:</b>					
<b>Phone:</b>					
<b>NZRCA Number:</b>			<b>Club:</b>		
<b>Email:</b>					
<b>Class:</b>	<b>Frequency 1:</b>	<b>Frequency 2:</b>	<b>Tyres:</b>		<b>Personal Transponder:</b>
2WD Stock			\$15		
2WD Modified			\$15		
4WD Stock			\$30		
4WD Modified			\$30		
2WD Stock Truck			\$20		
2WD Modified Truck			\$20		
4WD Stock Truck			\$40		
4WD Modified Truck			\$40		
Corrs Truck			N/A		
1/8 <sup>th</sup> Electric Buggy/Truggy			N/A		
<b>Entry Fees</b>		<b>First Class</b>			<b>\$__.</b>
		<b>Additional Classes</b>			<b>\$__.</b>
		<b>Total Tyres</b>			<b>\$__.</b>
		<b>Total Enclosed</b>			<b>\$__.</b>

Entries must be accompanied with full payment.

Entry Forms to be sent to:

Kaipara Radio Control Car Club

C/- Darren Johnston

10 Tisdell Crescent, St Johns

Auckland