



# *KBRL Electric Rules 2011-12*

## Classes

- Novice** (13.5 Motor Limit No boost or timing allowed on the ESC, 2 wheel Drive vehicle)
- 2wd Mod Buggy** (No Motor Limit)
- 2wd 13.5 Buggy** (13.5 Motor Limit No boost or timing allowed on the ESC)
- 4wd Open Buggy** (No Motor Limit)
- 2wd Stadium Truck** (No Motor Limit) **\*\*Additional awards will be handed out to top non sponsored drivers, upon Series completion\*\***
- Kids Class 12 years old or younger** (13.5 Motor Limit No boost or timing allowed on the ESC) Must be 2wd
- Ladies Class** (13.5 Motor Limit No boost or timing allowed on the ESC) Must be 2wd
- Pro Lites / Stock Short Course** (13.5 Motor Limit No boost or timing allowed on the ESC)
- Pro 2** (No Motor Limit)
- Pro 4** (No Motor Limit)
- Short Course Buggy** (13.5 Motor Limit, no timing or boost allowed on the speed control)

**In past years, some of the pro classes paid an additional \$5 per entry towards the cash payouts. To promote a better balance between classes, I.E. Open 2wd buggy and 13.5 2wd buggy, this season will not include cash payouts for any class.**

## Class Rules

The 2011 ROAR vehicle class specifications will be enforced at the discretion of the KBRL team, this includes items such as Vehicle dimensions and weight. Additional Class specifications are as follows.

### **Pro 2 -**

- No motor limit.
- Tires manufactured for 1/10 Short Course use only (no adaptors or 1/8 tires).
- Each racer must choose to run either Pro 2 or Pro Lite (cannot run both classes)
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### **Pro Lite -**

- 13.5 motor limit
- No boost or timing advance can be applied through the speed control.
- Timing advance on the motor is allowed.
- Each racer must choose to run either Pro 2 or Pro Lites (cannot run both classes).
- Tires manufactured for 1/10 Short Course use only (no adaptors or 1/8 tires).

### **Pro 4 -**

- No motor limit (540 and 550 cans allowed)

- Tires manufactured for 1/10 Short Course use only (no adaptors or 1/8 tires).

### **2wd 13.5 Buggy -**

- 13.5 motor limit
- No boost or timing advance can be applied through the speed control.
- Timing advance on the motor is allowed.

### **Ladies Class -**

- 13.5 motor limit
- No boost or timing advance can be applied through the speed control.
- Timing advance on the motor is allowed.
- 2 wheel drive vehicles only

### **Kids Class -**

- 13.5 motor limit
- No boost or timing advance can be applied through the speed control.
- Timing advance on the motor is allowed.
- 2 wheel drive vehicles only

### **Novice Class -**

- 13.5 motor limit
- No boost or timing advance can be applied through the speed control.
- Timing advance on the motor is allowed.
- 2 wheel drive vehicles only

### **Additional Rules for all Short Course Truck Classes**

- Race vehicles must have front and rear bumpers. Made from non Metal material nor contain sharp edges.
- Rear bumper must be minimum 171.45mm (6.750 inch) in width. Front Bumper can be no wider than the inner sidewall of the front tire when straight
- Full fender truck body. Body must completely cover tires when viewed from above.
- No add on or integrated spoilers/wings allowed.

### **Event Rules**

- 4 vehicle minimum to make a class (less than 4 may be combined with another class for qualifiers and mains).
- 10 minute A-mains, 6 minute lower mains, 6 minute qualifiers (may be altered at RD's discretion)
- 2 rounds of qualifying will be run, the racers fastest time will be used to seed for mains.
- One 2 minute call allowed for A-mains. No grace period in lower mains.

- Rough driving will NOT be permitted (1<sup>st</sup> offense = warning; 2<sup>nd</sup> offense = 5 second stop and go)
- Jumping the start will result in a restart (1<sup>st</sup> offense is a warning to all drivers, 2<sup>nd</sup> offense results in a last place starting position for offending driver)
- Abusive language and outbursts on the drivers stand will NOT be permitted. 1<sup>st</sup> offense = Warning; 2<sup>nd</sup> offense = loss of 1 finishing position; 3<sup>rd</sup> offense = DQ (no refund, no points awarded). Anyone receiving a penalty has a series long warning.
- Every racer is required to marshall, or provide a marshall for the next race. If any racer fails to marshall or provide one, the following penalties will be enforced. During qualifying = 1 lap off best qualifying time; During main = 1 lap off best qualifying time at the next attended KBRL event.
- Track cutting is not permitted. 1<sup>st</sup> offense = Stop and Go; 2<sup>nd</sup> offense = DQ
- 1 complete lap is required to earn points for any KBRL event (cannot pay and not race to earn points)
- All mains are official after the ½ way point in timing. Should power or the scoring computer go down, the race will be finalized by the last scored lap. If prior to the ½ way point, the race will be re-run.
- After the first round of any KBRL is complete, the event is official. Should weather or any unforeseen event prevent the mains from being run, points will be awarded by the last complete round of qualifying.
- The RD must be notified of any vehicle substitutions during an event. (In other words, if for any reason the vehicle you qualified with is broken and you wish to run a different vehicle in the main, you must get the RD's approval first)
- 6 cell NiCd/Nimh or 2s lipo only for all 1/10 electric classes. (ROAR approved batteries only)
- Skill level will determine eligibility for Novice classes at the RD's discretion.
- RTR motors may be run in the 13.5 class at the RD's discretion. Pre-approval is mandatory.
- Sensorless systems will be accepted on a vehicle to vehicle basis, per the RD
- Novice class will run 2 shortened series (first half/second half).
- All vehicles are subject to tech by the RD at his discretion.
- Any Failure of tech inspection will result in the following: 1st offense = Loss of run, 2nd offense = Loss of all points for race day, 3rd offense = Disqualified for remainder of the series.
- Any mistake in calculation of the points must be brought to Kenny's attention 5 days prior to the Final Round of the series.
- Any Protest of qualifier or Main laps (Missed or false laps), must be brought to the race director's attention within 30 minutes of the completion of the race in question. Results after that point will be considered final.
- Malfunctioning lights on a speed control must be brought to the attention of Tech or the Race Director, prior to the race, so that the vehicle can pass Pre Tech inspection.

## **Race Format**

- 7 round series. 2 throw outs will be taken from rounds 1-6.
- Finals run in AAA main format
- All AAA mains will be 6 minutes.
- Top 6 racers in each class after round 6 automatically qualify for the AAA mains. Top points earner starts in the first position (no TQ points awarded) and each finisher starts in their qualifying spot thereafter.
- All racers not automatically qualified into AAA mains will run 2 qualifying rounds at the finals for the remaining main positions. There will be bump ups at the finals as well for racers qualified into B mains and lower.
- Top 2 in each lower main bump up to the next respective main event.

**The KBRL awards points for how well you finish at each event. Points will be awarded in the following**

**manner:**

TQ = 1 point

1<sup>st</sup> = 100

2<sup>nd</sup> = 97

3<sup>rd</sup> = 95

4<sup>th</sup> = 93

5<sup>th</sup> = 92

6<sup>th</sup> = 91

7<sup>th</sup> = 90

8<sup>th</sup> = 89

9<sup>th</sup> = 88

10<sup>th</sup> = 87

Each position hereafter receives one less point respectively

1 bonus point awarded for each race attended

*First tie breaker = Highest throwout point total*

*Second tie breaker = Second throwout point total*

*Third tie breaker = Highest AAA main finish*

*Fourth tie breaker = Next highest AAA finish*

*Fifth tie breaker = Fastest of your Triple A Mains*

*Sixth tie breaker = Duel at 20 paces*