



**BALLARAT LIGHT CAR CLUB**

**Rules for Club Events**

**To Take Effect from January 1<sup>st</sup> 2011**



**Above:** 2010 Club Driver Champion

## Rule Changes

This edition of Rules for Club Events is valid from January 1st, 2011.

Any changes to these rules must be approved by the Committee and advertised to club members via the club 'Bulletin' not later than one calendar month prior to the date on which the changes take effect. No changes to these rules will be made to take effect during the course of a competition year.

## Classes of Cars:

The following classes of vehicle will apply to all CDC and other BLCC club events:

- A. Standard: 0 to 1800cc
- B. Standard: Over 1800cc
- C. Modified: 0 to 1800cc
- D. Modified: Over 1800cc
- S. Specials & Racing Cars
- F. Four Wheel Drive
- H. **2WD Classic & Historic Cars**
- L. Ladies

Specific provision is made for a Junior Driver Series (see p.5)

## Vehicle Eligibility (General)

1. All general CAMS regulations in respect of vehicles, fuels and driver safety shall apply.
2. All vehicles must be presented in a safe and tidy condition.
3. Forced Induction engine capacity will be calculated by multiplying by a factor of 1.7
4. Tyre restrictions:  
Any vehicle using racing tyres - slicks, hand grooved slicks, wet weather racing tyres or tyres marked "not for highway use" or "for racing purposes only" automatically runs in the Specials class, unless those tyres are forbidden (below, and event regs).

### **Motorkhana:**

Bitumen Motorkhanas: slicks are forbidden, otherwise tyres are free

Unsealed Surface Motorkhanas: slicks, hand cut tyres, racing tyres, off-road and "mud and snow" rally type tyres are forbidden. Reconditioned tyres are permissible provided the tread type is intended for bitumen use. The Sports Sub Committee will determine the appropriateness of tread patterns for bitumen use, based on the shoulder profile of the tyre. Rounded profiles are generally acceptable, square or sharp change of profile is not.

### **Autocross:**

Slicks, racing tyres, hand cut tyres, off road and "mud and snow" rally type tyres are forbidden. Only tyres intended for bitumen highway use are permitted. Reconditioned tyres are permissible provided the tread type is intended for bitumen use. The main intent of this rule is to minimise track damage. The Sports Sub Committee will determine the appropriateness of tread patterns for bitumen use, based on the shoulder profile of the tyre. Rounded profiles are generally acceptable, square or sharp change of profile is not.

### **Khanacross:**

Rally tyres may be used.

### **Hillclimbs, Sprints:**

Retreads are forbidden, otherwise tyres are free.

5. Vehicle Eligibility Rulings

For BLCC directed events the event eligibility officer (appointed by the Sports Sub-Committee (SSC)) will advise the event director of the classifications of competing vehicles. Any dispute will be referred to the Sports Sub-committee as a committee of appeal.

The eligibility officer has the power to categorise vehicles according to a considered judgment of non-visible modifications (e.g. engine internals), subject to appeal by the entrant to the SSC.

For events designated as part of a BLCC club series but directed by other clubs, BLCC class rules will be applied for purposes of calculating club series. A member of the Sports Sub-committee will attend, or an appointed nominee, in order to advise on BLCC classification of vehicles. Any dispute will be referred to the Sports Sub-committee as a committee of appeal.

#### 6. BLCC Log Book or CAMS Log Book

Each competing vehicle must have a BLCC Log Book or a CAMS Log Book. **If a CAMS log Book exists for the Vehicle it must be used.** Log books will be used to keep a record of formal requests regarding adjustments and modifications to competing cars. **Noel Peers and Chris Hall are** the currently designated club officials for the issue of BLCC log books.

A log book **MUST** be presented at each club directed event. Replacement BLCC log books will attract a fee. **Only 1 type of log book is required and only 1 log book is allowed for each competition vehicle.**

### Standard Class Eligibility

*Statement of Principles:* These cars are essentially standard, visually complete vehicles as sold in volume through a dealer network in Australia. Vehicles imported without an Australian Compliance Plate will be considered as Modified. The only modifications acceptable in this class are those which primarily improve safety and/or which **do not** noticeably improve performance, give better handling or reduce weight. Under these principles roll cages, harnesses and replacement seats may be used in standard cars.

Any modifications from stock standard not listed below must be approved by the sports committee prior to the date of the car competing.

The following modifications from stock standard are permitted:

- Cars need not be registered but be presented in essentially registrable condition.
- wheels are free, except diameter may be altered by a maximum of 1".
- tyres: road legal tyres must be used (particular additional restrictions may apply to certain events e.g. autocross and motorkhanas.)
- shock absorbers are free.
- stabilisers are free.
- exhaust system (beyond the original manifold) is free, excepting that engines designed for leaded petrol must have a minimum of one muffler and engines designed for unleaded petrol must have a catalytic converter and a minimum of one muffler. Exhaust must exit from the rear of the car.
- air cleaner elements are free, but filter boxes and air pathways must remain standard.
- gauges are free.
- front seats may be replaced but not removed.
- back seats may be removed only if so required for the fitting of the rear section of a roll cage.
- steering wheel (CAMS approved alternatives may be fitted.)
- mudflaps must be fitted for the driven wheels.

Copies of standard cars are not permitted. The I.D. plate must match the homologation (eg. Datsun 'SSS' in standard 1600 body or Torana V8 in 6 cylinder body are not eligible for Standard class).

Four wheel drive vehicles otherwise eligible are allocated to the Four Wheel Drive class.

### Modified Class Eligibility

*Statement of Principles:* These cars are essentially registrable cars that may be modified to improve performance or handling. Any modifications must allow the vehicle to remain registrable (see also point 1). Clarifications and other rulings may be sought in advance from the sports sub-committee.

1. Cars need not be registered but be presented in essentially registrable condition. Vehicles imported without an Australian Compliance Plate will be considered as Modified if other class conditions are met.
2. The engine must be:
  - by the original manufacturer,
  - of the original engine configuration (e.g. in-line 4 cylinders, V-8 cylinders, two rotor rotary, etc.)

- of the original number of cylinders
  - in the original mounting position.
3. The suspension must be of the original style, but otherwise is free.
  4. Transmission components are free, but must remain in the same general location.
  5. The rear seat only may be removed.
  6. The brakes are free, except 'fiddle' brakes (Motorkhana-style turning brakes) are not permitted.
  7. Ignition system is free.
  8. Fuel pumps and delivery system are free.
  9. Exhaust system is free except that it must be within an acceptable noise level. Unleaded vehicles must have a catalytic converter. Exhaust must exit from rear of the car.
  10. Aero aids, flares and spoilers on original bodywork are permitted.
  11. Substitution of perspex/lexan for glass, fibreglass (or similar) for metal components, or any other substitutions or removals for the purpose of weight reduction is **not** permitted. Substitution may be permitted on prior written application to the Sports Sub-committee.
  12. Items such as floor carpet, minor trim, centre console and so forth may be removed provided no overall weight reduction results from their removal. The addition of safety items such as a roll cage may be used to offset the weight of the removed items.
  13. Road legal tyres must be used. Wheels are free except that diameter may be altered by a maximum of 2".
  14. Any modifications allowed for Standard class are also permitted for Modified class.
  15. Four wheel drive vehicles otherwise eligible are allocated to the Four Wheel Drive class.
  16. Mud flaps must be fitted for the driven wheels.

### **Four Wheel Drive Eligibility**

1. Any four wheel drive vehicle otherwise eligible for Standard or Modified classes will be allocated to the Four Wheel Drive class.

### **Classic & Historic Vehicle Eligibility**

1. Any CH or H plated **2WD** vehicle, or registered **2WD** vehicle at least 25 years old, otherwise eligible for Standard or Modified classes may be entered in the Classic & Historic vehicle class, at the choice of the entrant.

### **Specials Eligibility**

*Statement of principles:* These are vehicles purpose built for competition or which are modified to an extent no longer fitting the Modified class rules. Vehicle design and construction must satisfy sound engineering and safety principles.

Examples of vehicles in the class are:

1. Vehicles not complying with Standard or Modified rules
2. Any CAMS defined Formula racing cars, Sports Sedans or Clubman Sports Cars.
3. Off-road vehicles
4. Any vehicle with treaded or slick racing tyres, or tyres marked "Not for highway use" or "for racing purposes only".

### **Trial and Rally Car Eligibility**

Vehicles used in Trials and Rallies must comply with the standing NCRs, NRC and the series rules where such exist and the Supplementary Regulations of the events used.

## Event Series

### A. Club Driver Championship (CDC).

The committee will aim to maintain the following balance of events (circumstances and cancellations permitting).

Four bitumen speed events

- 2 circuit
- 2 hillclimb

Four loose surface events

- 2 autocross (**usually** rounds 2 & 4 of series)
- 2 motorkhana (**usually** rounds 2 & 4 of series)

One event from the season's total will be omitted by each competitor before scores are calculated.

**The CDC at a minimum will comprise 2 dirt events and 2 bitumen events**

The CDC outright 1st, 2nd and 3rd and 1st in class for the year will be recognised by the club, in the form of trophies.

### B. Junior Driver Series (JDS)

The Junior Driver Series will consist of 3 age allocated classes, and be run concurrently with other Club Series. This allows Junior Drivers also to contest the Outright positions in those **open series** be it CDC, AX or MK.

In order to be eligible for Junior Driver Series, juniors must not drive Specials, 4 Wheel Drive or forced induction equipped vehicles.

Before a junior's first event, they must satisfy the Clerk of Course as to their driving competence. Juniors must compete in a motorkhana before their first autocross or other speed event.

The age of junior drivers is taken as their age as at January 1<sup>st</sup> in the calendar year of the competition. Thus juniors will remain eligible to continue in the same class for a complete Series.

#### Class J1 Sub-Junior (age 12 & 13 years)

This Class Series will comprise the 4 rounds of the Club Motorkhana Series.

#### Class J2 Junior (age 14 & 15 years)

This Class Series will comprise the 4 rounds of the Club Motorkhana Series plus the 4 rounds of the Club Autocross Series.

#### Class J3 Graduating Junior (age 16 & 17 years)

This Class Series will comprise the 8 rounds of the Club Driver Championship

First, second and third places in each **Junior** Class Series will be recognized by the Club in the form of trophies.

### C. Autocross Series

The autocross series will be conducted over 4 rounds (three to count).

Rounds 2 and 4 will **usually** count towards the CDC Series.

If events are cancelled due to force of circumstances, competitors will still drop one round before series results are calculated. **If the series is reduced to only 2 rounds both of these rounds will count.**

**A competitor who is the single non competing Clerk of Course or Steward for a round (ie not tag team) will score the average of the other rounds for the directed or stewarded round.**

Outright 1st, 2nd and 3rd and 1st and 2<sup>nd</sup> in class for the series will be awarded trophies by the club.

**D. Motorkhana Series**

The Motorkhana series will be conducted over 4 rounds (three to count).

Rounds 2 and 4 will **usually** count towards the CDC Series.

Rounds 2 and 4 (CDC rounds) will be on a loose surface. Rounds 1 and/or 3 may be on a sealed surface.

If events are cancelled due to force of circumstances, competitors will still drop one round before series results are calculated. **If the series is reduced to only 2 rounds both of these rounds will count.**

Outright 1st, 2nd and 3rd and 1st and 2<sup>nd</sup> in class for the series will be recognised by the club, in the form of trophies.

**A competitor who is the single non competing Clerk of Course or Steward for a round (ie not tag team) will score the average of the other rounds for the directed or stewarded round.**

**E. Trial (Rally) Series **Club Trials Series - CTS****

In order to score Trial Series points, crew members must be financial members of the Ballarat Light Car Club. Crew members must enter an event as BLCC members in order to qualify for Series points

The events to be used for the Trial Series will be selected by the Sports Sub-committee. More than half of these events should be trials (a minimum of 50% navigational/mapping route instructions) but fully route charted events may be included also.

The series will normally consist of a minimum of five events. If events are lost and cannot be replaced then the minimum number of events to constitute a series will be three.

If the series consists of four or more events then the worst result will be dropped. If the series consists of eight or more events then the worst two results will be dropped. In a series of only three events, all scores will count.

Given the vagaries of the weather and foresters it is understood that many events are cancelled. If events are cancelled then the sports sub-committee will attempt to find suitable replacements. Where replacement is possible registered competitors must be notified in writing at least four weeks before the date of the new event.

**Competitors are advised to enter events early. The only time an event will be removed from the CTS due to a competitor missing out on getting a run in an event is if the entry was submitted before 10 working days have passed after entries for the event were opened.**

**F. Khanacross Series**

The Khanacross series **may** be conducted over 4 rounds (three to count).

Rally tyres may be permitted in the Khanacross Series.

If events are cancelled due to force of circumstances, competitors will still drop one round before series results are calculated.

Outright 1st, 2nd and 3rd and 1st and 2<sup>nd</sup> in class for the series will be recognised by the club, in the form of trophies.

The Khanacross Series will not have any relationship to the CDC Series.

## Series Registration - Will no longer be necessary.

All entries to events listed in the BLCC competition Calendar as part of any of the various BLCC series will score points towards the respective BLCC series unless a competitor chooses to opt out by writing to the Scorer. ~~To be awarded a trophy for any BLCC series the competitor must have completed half or more of the events that make up that series.~~

## Point Scores

Point scores for the calculation of Series (Club Driver Series, Autocross Series, Motorkhana Series, and Khanacross Series) shall be as follows:

For outright positions (1st to 15th):

20, 16, 14, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1

For class positions (1st to nth):

20, 16, 14, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 1, 1

The worst event from the series for each competitor will be dropped, and the remainder totaled (Please see Trial Series for further info for that Series).

Class results will be decided on class points only. Outright results will be decided on the outright points only.

Competitors may not receive series trophies for more than one class in a given series. ~~Competitors must contest at least 50% of the events in a series/class to be eligible for series/class trophies.~~

Point scores in the Rally series (Drivers and Navigators) will only be awarded for outright positions from 1<sup>st</sup> to 15<sup>th</sup>. In order they will receive 20, 16, 14, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1 points.

The Directing team (as listed in the Supp. Regs.) for a rally or trial are eligible for the average points they gain in the remainder of the series. One event only per series may be claimed.

## Amalgamation of Classes

Classes will not be amalgamated.

## Notice of Events

For events to be counted towards a club series, a minimum of 4 week's notice must be given to registered competitors in writing.

## Conduct of Autocross Events

1. Entries must be received by 5:30 p.m. on the Friday prior to the event. No entries will be accepted on the day. Fees will be set by the Committee from time to time.
2. Competitors will be allocated numbers which will ensure that each class will compete as a block. Classes will be ordered so as to enable equitable class breaks to facilitate watering (see point 5). A running sheet listing cars, classes and numbers will be published in time for the Drivers' Briefing.
3. All official runs will be in strict running order. Competitors not present at their correct starting time will forfeit that run.
4. Generally, a parade lap, one or more practice runs and 4 official runs will be given. Results will be calculated from the total of the best three runs. If only 3 runs are possible then the best two count. If only 2 runs are possible then both will count. An event will not be scored if less than 2 official runs are completed.

5. Watering of the track for dust control must be as equitable as possible within the circumstances. The following guidelines will be used:
- watering prior to the event should be undertaken on the day before the event.
  - watering once the event has commenced will follow one of the schedules below (depending on the extent of the dust problem):
    - between practice and first official run thence every  $1\frac{1}{3}$  runs through the field.
    - between practice and first official run thence every  $2\frac{2}{3}$  runs through the field.
    - between practice and first official run thence every  $2\frac{1}{3}$  run through the field. (This option will only be considered for field sizes over 45 entries).
- Preferably watering will only take place between classes. This means that the truck will go out after the last car in any given class. The director's discretion will be used to determine the fairest point at which to commence watering. If the water truck is required during official runs, then the results will be calculated on the best 2 of 4 official runs or best run of 3 official runs.
6. The use of mudflaps on the driving wheels is required (to help reduce the volume of surface material sprayed off the track.)
7. Scrutiny requests and comments will be recorded in the BLCC or CAMS vehicle Log Book, which is to be used at each club event.

## Conduct of Motorkhanas

1. A discount entree fee will apply to entries received by 5:30 p.m. on the Friday prior to the event. These fees will be set by the Committee from time to time.
2. Entries may be accepted on the day, subject to field size limit, up to the time of the drivers' briefing. Drivers are strongly encouraged to arrive at the advertised scrutiny start time. Entries will not be accepted after the commencement of the Drivers' Briefing, unless prior specific arrangement has been made with the director.
3. Approximately 6 tests from the Motorkhana code will be used at each event. In order to cater for the range of vehicle sizes within the club, spacing of markers within the tests (but not start and finish garages) will be increased by approximately 10%. Two attempts at each test will be allowed, with the best time to count.
4. Scrutiny requests and comments will be recorded in the BLCC or CAMS vehicle Log Book, which is to be used at each club event.

## Total Fire Ban Days

Please note that BLCC Club Events scheduled at the airport complex will be postponed if the day is declared as a Total Fire Ban Day.

Original edition by Sports Sub-committee, June 1991

Current edition revised by Sports Sub-committee, **September and October 2010**

**Ratified by Committee 11<sup>th</sup> October 2010**