

Broxtowe Model Car Club

Constitution and Rules

Welcome to Broxtowe Model Car Club. This is your handbook that details our Constitution and a set of simple rules we expect all club members to abide by. If you have any questions then please feel free to speak to any of the committee.

Club Constitution

Revised December 2015

1. Title

1. The club shall be known as Broxtowe Model Car Club, Or BMCC

1.1 Objective

2. It will operate to promote the sport/hobby of radio controlled model cars and provide facilities for the pleasure of/enjoyment of racing said cars in a friendly but competitive environment.
3. The club will seek affiliation with the BRCA on an annual basis.
4. Broxtowe Model Car Club is a not for profit organisation.

1.2 Membership

1. Membership shall be open to all and will commence on payment of membership fee.
2. Membership will run for each calendar year.
3. All members have the right to attend and vote at the AGM or any EGM.
4. The full annual membership fee will be payable at any point up to the start of the indoor season, usually the first Saturday in September.
5. A membership of 50% of the normal annual fee will apply from the first indoor meeting of the season.
6. After the clubs AGM, normally held in November, any new prospective member can join for the rest of the year and the following year at the rate set at the AGM.
7. Guests and non members may race at any club meeting, at an increased fee of that normally payable by club members. Any new racer to the hobby will not pay any race fees for their first meeting at any BMCC event.
8. All participating racers must be BRCA members.
9. All new racers may race up to three times over a six week period before BRCA membership is required.

1.3 Fees

1. Membership fees will be reviewed annually at the AGM or any EGM.
2. Fees for weekly racing and series will be subject to majority committee approval. Any other meetings such as one of events or meetings the race fees will be set by the committee prior to the event.

3. Racing fees at all club events will at the committees discretion be subject to a reduction for club members. An appropriate fee structure will be set by the committee.

1.4 Financial Year

1. The club subscription period is from 1st January to 31st December.

2. Club Structure

- 2.1. The committee will consist as follows.

1. Chairman
2. Vice Chairman
3. Secretary
4. Membership Secretary
5. Treasurer
6. Committee Members x 6
7. Junior Committee Member

2. All committee members must be current members of Broxtowe Model Car Club.
3. Committee meetings will be held periodically. Any member of BMCC can attend and contribute, however only BMCC committee members can vote on any matters arising.
4. Additional members may be co-opted or volunteer as and when required.
5. Only named committee members are entitled to a vote at committee meetings.
6. Club AGM to be held within one month of November each year. Order of business as follows:
 1. Accept previous AGM minutes
 2. Officers Reports
 3. Matters arising for membership approval
 4. Election of officers
 5. Any other business
7. Before the AGM date, 1 months notice (or greater) to be given of current officers intentions to stand / not stand for re-election to enable others to volunteer.
8. The AGM date or any EGM meeting called will be published on the clubs website and briefed at club meetings at least 2 weeks before the set date.
9. Before a committee meeting can go ahead, a quorum of at least 5 officers must be present, including two from the following, Chairman, Vice Chairman, Secretary Treasurer, or Membership Secretary.
10. All large investments or purchases are subject to committee approval; large being in excess of £200.
11. All small investments are subject to at least 2 committee members approval, including one from the following, Chairman, Vice Chairman, Secretary, Treasurer, or Membership Secretary.

2.2 Dissolution Of The Club

1. Should there be a requirement to dissolve the club the committee will oversee the sale of any club equipment and use remaining funds to honour outstanding debts and obligations.

2. If there are any remaining funds the committee will the decide how to distribute them from the following options.
 1. Make a donation to another club with similar objectives.
 2. Make a donation to a charitable cause.
 3. Return an equal share to each current member.

2.3 Equal Opportunities

3. The club aims to treat all members fairly and equally, taking into account any special needs that people may have. The club will not discriminate against any potential club members on any grounds.

2.4 Discipline

1. Members will at all times ensure that every effort is take to maintain a good relationship with the owner / hirer of the property on which we race.
2. On site discipline is the responsibility of all members but it will be enforced by the committee/race director who are empowered to prevent members or non-members from racing if club rules are not adhered to.
3. Any other infractions of rules will be dealt with by the committee.
4. All racers must ensure that where frequencies are not automatically selected by the transmitter and receiver being used to prevent interference with other models, that they ensure that the frequency of the transmitter being used does not clash with any others being used at the time.
5. Race infringements and unsportsmanlike conduct on the track / rostrum must be reported to the race director in control.

3. Permissible Models

1. Only radio controlled model cars will be used at BMCC events.
2. All radio controlled models must have a minimum of two proportional controls.

3.2 Radio Frequencies

1. Only BRCA sanctioned frequencies may be used at BMCC events. Please refer to the latest BRCA handbook for details.

4. Model Specifications

1. All models raced shall conform to club rules. Club rules will be based on current BRCA rules for the class being raced.
2. Any deviation from these rules will be specified by the committee and made available for all members.

5. Amendments

1. This constitution of Broxtowe Model Car Club may only be amended by agreement of at least half of all members present at either the Annual General Meeting, or any Extra Ordinary General Meeting of the club.

Broxtowe Model Car Club Rules

Revised October 2016

All racers, whether club members or not, are expected to abide by the rules as set out below

1. All racers are expected to help set up and pack away the track, tables and chairs at the indoor venue, and track markings at outdoor club meetings, and also maintain a good level of housekeeping at any venue used by BMCC.
2. Any tables that are provided by the Community Centre and must be covered by a towel or other cover and must be left clean and tidy.
3. All racers will dispose of their rubbish in the bins provided.
4. Broxtowe Model Car Club is not responsible for any loss or damage to the racers equipment or personal injury, no matter how caused. For details of Public Liability Insurance, refer to the appropriate section in the current BRCA handbook.
5. The adult membership fee for the current year is £15 per year. Junior membership (15 years or under at the start of the year) is £10. The membership fee is non refundable.

BRCA Membership

6. Any person who is found racing without BRCA cover may be barred from being a member of Broxtowe Model Car club and barred from future events. Should that person be a current member, their membership of Broxtowe Model Car Club is forfeit with immediate effect. Once established that a racer has no BRCA membership, they will be expelled from the meeting immediately. The only exception is laid out in point 1.2.12 of the BMCC constitution referring to new racers.

Equipment

7. Any piece of equipment brought to and used at our events, either indoor or outdoor (such as a gazebo, table or chairs) is the responsibility of the person bringing the equipment. Broxtowe Model Car Club accept no responsibility for such items used at our events.

Mains Power

8. Mains power is available at our indoor events. Extension cables used must be routed so as not to cause any tripping hazards. They must be in good order and free from defects. Any person using 12 volt batteries must bring them in a leak proof container in order to prevent acid leaks onto the hall floor. There is no mains power available at our outdoor events. Generators may be used, but must be of the silent suitcase type. These must only be run during race meetings, and not run all night where overnight events are held.

Children

9. Children attending events held by BMCC are welcome and encouraged to participate at BMCC events. All children under 16 must be supervised by a responsible adult at all times, and must not be allowed to play in the reception or store room areas of our indoor venue. Our outdoor venue is a public park. Please note there is a stream that runs at the bottom of the hall park venue, therefore we must insist that all children are supervised at all times. Broxtowe Model Car Club accept no responsibility for the safety and wellbeing of children at any of our events.

Racing

10. Races will be sorted to provide heats with drivers of similar ability, within the restrictions of numbers of racers, driver crystals and heat types. Heats and finals are normally 5 minutes duration.
11. In the event of an excess number of racers wishing to compete, entries will be permitted on a first come, first served basis – regardless of membership status or ability.
12. Competitors are encouraged to purchase AMB personal transponders to speed up racing. BMCC will try to maintain handout transponders, however, racers should not assume the availability of handout transponders and should try to buy a personal transponder as soon as possible. Handout transponders are no longer available to buy, so are a commodity that we can never replace, and once broken beyond repair are gone forever.

Good Driving Manners

13. If another car is faster than you, then move over to one side to let it past. If you do so carefully you will not lose any significant time. The best way of doing this is to run wide at the first available slow corner and let the faster car have the inside line.
14. If you are coming up to lap a slower car, then you should give the other driver the chance to move aside at a suitable corner. If you held up for half a lap, it is reasonable to shout out “lapping car #” or “lapping red Alfa” as a reminder.
15. Cars race for position during the finals when the cars are on the same lap. If you are racing a car that is on the same lap or even if the other car is one lap in front, then just concentrate on driving your race. If you are lapping or being lapped for a second time in a final then the guidelines above should be followed. In a final, you are fully entitled to drive on the racing line to prevent the other driver getting past. If the other car gets the nose of their car ahead of yours then they have the place and you should give way. Remember that the overtaking car has the responsibility to overtake cleanly – barging into the car in front is bad driving and will be penalised.

Marshalling

16. All drivers are expected to marshal at their designated point, or at a point ensuring that marshals are spread evenly around the track. Failure to be at your marshal point before the start of the next race may result in loss of your best time of the meeting so far.
17. Where a racer is unable to marshal, a substitute marshal should be provided and the race director informed. Any substitute marshals must be a BRCA member.
18. Marshals should only cross the track when they can do so without impeding circulating cars. When you get to the parked car, try to stand in the “islands” to avoid being hit by other cars.
19. When placing a car back on the track, position it to the side of the track where it is unlikely to be hit by the other cars and facing along the track so that when it sets off it will not take out passing cars.
20. Marshals should stay alert to the track area in front of them at all times. When marshalling the bend near the timing loop, avoid lifting cars over the loop bend and so losing the driver a lap.
21. Only BRCA members are allowed on any section of the defined track area during a BMCC event.

Championships

22. Championships will be run throughout the seasons. The dates of these will be decided by the committee. Trophies will normally be given out to the top three in each class, where at least 10 drivers have completed enough rounds to complete the championship. This may be modified at the discretion of the committee. "Trophies" may mean any suitable prize or gift as decided by the committee.

Championships for the indoor season 2016 - 2017 will be for the following classes

- a. 17.5 Touring Car
- b. Scale Saloon
- c. GT12
- d. Junior Buggies
- e. Buggies (including 2wd, 4wd and micro as one class)
- f. Tamiya Minis

Car Specifications and Safety

23. Cars must conform to the BRCA general rules. In particular, note the following extract from Rule 4, Safety "In the interest of safety, any battery packs(s) carried on a model car, must be able to be disconnected quickly without the use of tools in an emergency. Direct soldering is not allowed". Drivers should note the BRCA advice on charging LiPo cells attached as Appendix 1 and place LiPo cells in a charging sack while charging.

Batteries

- 24.
1. We recommend the maximum charge rate should be 1C, e.g. 3.2A for a 3200 mah. pack and peak voltage must not exceed 8.4v. For best charging, low charge rates should be used where possible. Maximum permissible charging rate is 10 amp.
 2. Double check the charge voltage (or cell count), mah, and current before each charge.
 3. Never leave charging Li-Po cells unattended (at any charge rate).
 4. It is best to charge Li-Po cells in an open space on a non-flammable, non-conducting surface (such as a bare cement floor, brick or quarry tile).
 5. Li-Po cells must always be charged in a suitable Li-Po sack at all Broxtowe Model Car Club Events
 6. Check your charger for safety. After charging, check the battery with a digital voltmeter, the voltage for a fully charged pack should be between 8.32V to 8.44V.
 7. The minimum safe discharge voltage is 5.0V (2.5V per. cell) when under load, or 6.0V (3.0V) per. cell when not on load. A number of the electronic speed controllers have a Li-Po feature built into their software; make sure that this has been enabled. Otherwise fit a Li-Po cut-off device.
 8. Use connectors that can not be short circuited, or use silicon fuel tube to protect exposed connections. Under no circumstances should the ESC wires be soldered directly to your battery.
 9. Do not short the battery as it may catch on fire. If you accidentally short a battery, place it in open space and observe the battery for 10 minutes. It may swell up and possibly even catch on fire.
 10. Cell balancing is a way of ensuring your Li-Po will deliver the maximum performance and capacity over a prolonged period of time, although some manufacturers claim that it is not required with their batteries.

11. Li-Po packs are designed for operating temperatures up to 40°C and under no circumstances must they become hotter than 60°C.
12. If a pack is involved in a crash or is otherwise damaged, remove the pack from the model and inspect for damage to the pack and the wiring/connections.
13. Lithium polymer batteries do not have a hard steel case like a NiMH battery. Instead, a special aluminium foil encloses them. Therefore, they do not vent. If the integrity of the battery is compromised, swelling will occur. If the battery is damaged and the case begins to expand, discontinue use immediately.

BRCA Electric Board

Classes Raced and Rules

25. Classes currently raced will be either 1/10, 1/12 or 1/16 (micro buggies) electrically powered model cars. BMCC will always try to accommodate where possible any suitable class of RC car. This will include but is not limited to,

- Touring Cars
- GT12
- LMP 12
- GT10
- Scale Saloon
- 1/10 2wd or 4wd buggy, 1/16 micro buggies
- Junior Buggies

Rules for each class as below.

Touring Cars

26. As per BRCA rules, with the exception of any commercially available motor and battery can be used. Any commercially available body shell. Rubber tyres only. There will be a motor limit of 13.5 blinky for all touring cars run indoors on club nights.

GT12

27. As per BRCA rules, with the exception that any commercially available motor, battery or speed controller can be used. Motors / battery will be 1s battery, 13.5 motor in blinky mode. any other motor or any use of turbo / boost on the esc will be classed as modified. There will be a limit of 13.5 blinky for all club indoor events.

LMP 12 and GT10

28. As per BRCA rules, with the exception of any commercially available motor and battery can be used.

Scale Saloon.

29. Broxtowe Model Car Club

1/10 Scale Saloon Rules. Release 4 Effective 1st January 2016

The spirit of this class at Broxtowe Model Car Club is to promote, cheap, close affordable racing, using cars that look like cars represented in real life. The spirit is that of fun close racing without having to spend on the latest equipment in order to be competitive.

Organised and created by BMCC Scale Saloon Subcommittee consisting of Alan Willows and Richard Johnson

1. All body shells must be representative of a real car. All shells from Protoform are not allowed along with any other make of shell deemed to be a 'Handling' type shell. Clarification can be obtained from the subcommittee. The subcommittee will have the final word on body shells that may or may not be allowed. As there are so many out there, to list part numbers would be unrealistic.
2. Motors must be only HPI Saturn 20 turn (part number 1136) for all indoor or outdoor events. No other motors are currently allowed. The motor must not be modified or tampered with in any way. Other motors may be considered but must be submitted to the Scale saloon subcommittee for approval. This will also reflect market availability at the time.
3. The motor speed controller will be the Hobbywing 1060 or the HPI waterproof equivalent. No other ESC will be permitted
4. Any suitable 1/10 touring car chassis can be used.
5. Tyres can be any commercially available pre glued slick touring car rubber tyre.
6. Batteries shall be a maximum of 7.4 volts nominal, and either 6 cell Ni-Mh or NiCD or 2 cell Lipo.
7. The above rules are open to be changed after consultation with the subcommittee at any time.

The above rules are designed to create an informal but fun racing class, where the spirit is good cheap close racing. Please bear this in mind when entering the class

1/10 2wd or 4wd Buggy, 1/16 Micro Buggies

30. As per BRCA rules, with the exception of any commercially available motor and battery can be used. Mini pin style tyres are not allowed to be used at the indoor venue. Tyre rules may be changed for stand alone meetings.
31. There is a 10.5 brushless motor limit for all indoor club events for 1/10 scale cars.
32. 1/16 Micro buggies will use rubber slick or rally block tyres only
33. 1/16 micro buggies will use any commercially available batteries until such time as the BRCA adopt a list to suit the class.

Junior Buggies

34. This class is aimed at the junior beginner in RC racing. The buggy may be any 1/10 buggy, truck or such like. Advisory Only, motors should be of a high wind, e.g. 21.5 brushless or similar to allow for a steady and controlled pace. Tyres are any available with the exception of Mini Pin types.

Tamiya Minis

32. Stock mini class should be cars built as per kit. Hop ups will be allowed. Chassis should be a Tamiya 'm' chassis with front or rear wheel drive only. No other makes of chassis allowed.
33. Motors will be brushed, sealed silver can type motors, with a wind of no lower than 20 turns.

Amendments to the rules

34. The club rules may be amended at any time by the committee subject to the rules as laid out under committee above. The constitution can only be changed at the AGM or any EGM.

2017 Committee Members

- **Chairman - Alan Willows**
- **Vice Chairman - Martin Thorpe**
- **Secretary - Andrew Hicklin**
- **Treasurer - Lance Walker**
- **Committee Members x 7**
 1. **Stuart Butler**
 2. **Roger Elliot**
 3. **Liam Elliot**
 4. **Paul Fyfe**
 5. **Tony Edis**
 6. **James Leatherland**
 7. **Andy Plimmer**