



TIPTON RC MODEL CAR CLUB RULES

GENERAL RULES

- 1) No vehicle shall be constructed so as to be dangerous to persons or cause damage to competitor's cars or to the track surface. No sharp or protruding objects are allowed on the cars.
- 2) Body and chassis must be securely joined at the start of race and must remain on car during the race. When initially entered at a meeting the body shell must be neatly finished and complete.
- 3) Steel whip aerials are not allowed. Rollover masts are allowed as BRCA rules 1/12 circuit.
- 4) Radio control receivers carried in the car can have either two devices connected, (normally the steering servo and the speed controller)
- 5) Tyre additive is allowed.
- 6) The use of multiple speed transmissions (gearboxes) is not allowed,
- 7) Only one drive motor is allowed per car.
- 8) ONLY previously BRCA approved rechargeable cells may be used.

RACE FORMAT

3 minute heats and finals

3 rounds of qualifying and finals

Tipton car club adheres to BRCA rules as regards

LIPO BATTERIES

BRCA 12th Electric Section LiPo Battery Procedures

The section allows the use of 3.7v (nominal) 1S LiPo drive batteries that meet the Electric Board approved lists (1S LiPo list and one half of an approved 7.4v saddle pack).

These cars are subject to a lower weight limit than the 4 cell 4.8v (nominal) NiMh powered cars. This limit is subject to occasional revision in accordance with rule 1.2

All LiPo drive batteries to be charged in a LiPo sack, or on a ceramic tile not less than 6" square. LiPos may not be charged in the car.

All drivers intending to run LiPo cells at any point during the race meeting MUST advise the race director prior to the start of qualifying so that voltage checks may be carried out prior to cars entering the track.

Any cars presented at scrutineering with LiPo cells that have not been advised by race control will lose their time for that round.

The section will not tolerate over charging of LiPo cells, any car found to be over 4.20v at any time will be excluded from that heat, a second offence will result in exclusion from the meeting

It is the competitors' responsibility to ensure they have a compatible charger and that it is correctly set and calibrated. A calibrated volt meter will be available in scrutineering for competitors to check their cell voltages.

Random checks of charger setting will be made. LiPo cells must be charged in CCCV mode, any driver discovered charging in NiMh mode will be excluded from the meeting.

NOTE the section is aware that a high number of "budget range" chargers available for LiPo cells and that many of these are poorly calibrated and may result in cars failing voltage checks even when set correctly. It is the competitors' responsibility to ensure their equipment functions correctly.

The above procedure does not include LiPo receiver packs.



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Tamiya Mini's (m chassis)

Only Tamiya M chassis allowed.

2wd only front or rear drive allowed.

Anybody shell allowed .Must be of realistic appearance (if in doubt of eligibility please ask).

Motor limit of 19x2 brushed or brushless 10.5t.

7.2 volt batteries to be used or equivalent LIPO.

Rebuild able motors allowed.

Any tyres allowed.

Tyre additive allowed.

1/10 Off Road

We run to BRCA rules with the exception of any make of tyre is allowed.

1/12 Circuit

We run to BRCA rules.