

GT10 Class Rules



1.0 Chassis

- 1.1) Suspension
 - a) Front suspension must be "sliding king pin style". Only one wishbone element may move during movement of the wheel.
 - b) Rear axle must be "solid straight axle with integral differential".
- 1.2) Maximum width 205mm
- 1.3) Wheelbase must be within 250mm to 263mm, axle centre to axle centre.
- 1.4) Minimum weight (Ready to Run with body) = 1050 grams.
- 1.5) Minimum Ride Height 4mm (recommended minimum on carpet only)
- 1.6) Roll Over antennas are not allowed.
- 1.7) Rear wheel drive only is allowed, with direct drive from the motor to the rear axle.

2.0 Body

- 2.1) Maximum width 205mm
- 2.2) Minimum roof height (Ready to Run) 104mm
- 2.3) Wing max width 200mm
- 2.4) Wing max chord 45mm
- 2.5) Wing max side dam 45mm x 20mm
- 2.6) Wing must be fastened to the rear deck of body
- 2.7) Rear wing may not be higher than roof height
- 2.8) Rear of body may not be cut less than 35mm from rear deck lid measured at the centerline of the car
- 2.9) An approved GT10 Body List will be kept by the BRCA 10th Section Track Committee. GT bodies will be representative of cars that are front-engined, two-door GT cars. These are the only bodies allowed at BRCA sanctioned meetings. Current list:
 - 1) Protoform Chevy Corvette C6 #1499
 - 2) Protoform Sophia #1502
 - 3) Protoform MGTS #1503
 - 4) HPI Toyota Supra GT #7486
 - 5) HPI Dodge Viper GTS-R #7473
 - 6) HPI Mazda RX8 #7488
 - 7) HPI Saleen Mustang #7428
 - 8) HPI Nissan R34 GT-R #7427

3.0 Power

- 3.1) Battery – Max voltage 4.8v nominal, 4-Cell Ni-MH
- 3.2) Motor – GT1 – Modified motors from the BRCA EB Modified Motors (Brushed) and Modified Motors (Brushless) homologation lists.
- 3.3) Motor – GT2 – Motors from the BRCA EB 19T Spec Motors, and Brushless Spec Motors (10.5T) homologation lists.

4.0 Tires/Wheels

- 4.1) Tyres must be black except for sidewall detail
- 4.2) Wheel rim diameter is a maximum of 50mm
- 4.3) Wheel width is a maximum of 51mm, +0.50mm (due to manufacturing tolerances)
- 4.4) Rear tyres are to be constructed of one nominal compound of foam.

During 2009, the BRCA 10th Track Committee will investigate the possibilities of specifying a control tyre suitable for indoor, and/or outdoor racing.

5.0 Race Duration

- 5.1) GT10 races will be 5 minutes in length, plus time to complete the last lap. Race and meeting formats will be as per existing BRCA 10th Section Track Rules.

6.0 Classes

- GT1** – for Modified Motors and **GT2** – for Spec motors
For 2009 – LMP class. This class will allow any car meeting Rule 1.1, 4.0 and 5.0. Cars may be based on 'Pro-10' chassis, use any cell voltage or motor, and any body. Cars in this class are not eligible for any BRCA National titles that may be organised.