

# BRCA GT-10 Class Rules - Oct 2008 - V1.0



## GT-10 Class Rules

October 2008 V1.0



Some of the 10X Chassis Available.....



Associated



BMI



Corally



CRC



Darkside



SpeedMerchant

Version 1.0 of the rules for the new 2WD Sports GT-10 pan car class.

### 1.0 Chassis

#### 1.1) Suspension

- a) Front suspension may only have one wishbone element that moves during movement of the wheel – only one wishbone element may have a movable joint at both ends.
- b) Rear axle must be “solid straight axle with integral differential”.

1.2) Maximum width 200mm. A tolerance of + 5.0mm may be applied

1.3) Wheelbase must be within 250mm to 263mm, axle centre to axle centre.

1.4) Minimum weight (Ready to Run with body) = 1050 grammes.

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
- 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, + 0.25mm (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
- GT2 – for Spec motors
-