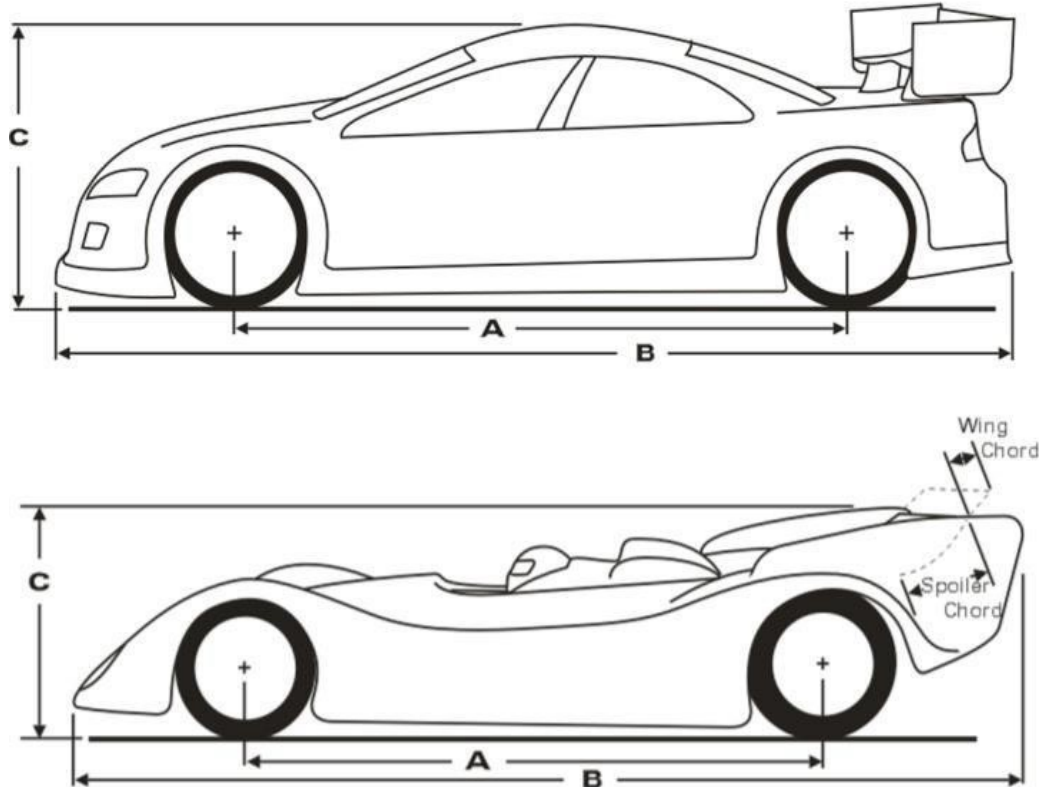


# LRCCC WGT Class Rules and Specifications

Adopted 20-Sept-2014



## **Body Specifications:**

Bodies must be based on production front engine - rear drive autos

- Body must be a replica of an original, 2 door sports/gt production car or based on a full sized auto which has been raced in a major series (Speed World Challenge, FIA GT Championship, ALMS GT1 + GT2, Japanese GT Championship, etc.)
- Bodies must be of a model year no older than 10 years prior to the year of submittal.
- Bodies deemed unrealistic or out of scale will not be approved. The burden of proof lies with the manufacturer to provide documentation for submitted bodies.
- Acceptable documentation for proof of scale realism shall be pictures of original 1:1 car from the top, front, rear and sides and or manufacturers dimensional data for production vehicle
- Overall roof height shall be measured with the car ready too run.
- The rear of the body must be trimmed no more than 40mm higher than the ground level with the body mounted.
- Minimum dimension, centre base of body windshield to intersection of hood and front grill 135mm
- Minimum body width at the base of the windshield 145mm
- Maximum body width: 205mm
- Minimum body material thickness .030" to be measured by a cut out in the upper rear or front windshield
- Rear Wing (if fitted to the full sized vehicle) must be fastened to the rear deck of body
- Rear Wing (if fitted to the full sized vehicle) may not be higher than roof height

- Wheel arch cut-outs: Maximum 0.375" over tire diameter

### **Tire & Wheel Specifications:**

- Foam only
  - World GT shall use the World GT control tires
- 1) Jaco World GT Spec Tire #JAC2100 (front) #JAC2110 (rear)
  - 2) BSR World GT Spec Tire #F1033-GT (front) #F1034-GT (rear)
  - 3) CRC World GT Spec Tire #2300 (front) #2302 (rear)
  - 4) TM RC Racing WGT Tires & Wheels #5400 (front) #5401 (rear)

All Retail versions of traction compound are allowed. Paragon FXII, Paragon Ground Effects, Stickyfingers, SXT – **NO HOME MADE SOLUTIONS ALLOWED.**

### **Chassis Specification:**

Any commercially available 1:10 scale rear wheel drive Pan Car chassis with a T-bar or Pivot Ball Link. Front suspension must be "sliding king pin style, no independent A-arms. Any hop ups specifically available for that chassis are allowed. Roll over antennas are not allowed.

Width: 205mm max

Wheelbase (a): 254mm min. 267mm max.

Height (c): 104mm min.

### **Motor Specifications:**

Any ROAR-Legal 13.5 turn brushless motor with any ROAR approved rotor. Any end bell timing is allowed.

### **ESC Specifications:**

Any ESC that does not have dynamic timing ie; boost or turbo timing options, or any ESC that has a Blinky mode ie; a flashing light denotes that no dynamic timing is enabled, is allowed.

### **Battery Specifications:**

Battery Specifications: 1 cell LiPo hard cased.

Battery Max Voltage: 4.22v

### **Ride Height Specification:**

Minimum 4mm under all parts of the vehicle excluding the spur gear.

### **Weight Specification:**

Minimum 935g in race-ready trim

### **Driving Aids:**

No electronic driving aids (steering control by gyroscope, Drag Reduction System, wheel speed sensors, etc). Transmitter functions are allowed.

**Race Specification:**

- 6 minute qualifiers
- 6 minute mains

All decisions of the race director are final.