

Sydney Radio Control Car Club Short Course Truck Rules

Short Course Truck classes run at Ryde club meets will be primarily run around the numbers attending. Box Stock will only be run if the numbers allow otherwise any box runners will run in the Pro 2 class. The standard classes will be Pro 2 and Pro 4. There needs to be a minimum of three runners in the class to allocate club championship points.

The club will do all it can to keep the classes separated but if the numbers are too low classes will be combined so that competitors always have the option to run.

Any areas not addressed in the rules that are deemed to contravene the spirit of the rules will result in exclusion. In the case of zero timing ESC profiles it's the drivers responsibility to be able to prove its legality.

The race directors decision on SCT legality is final.

1.0: General Rules

- **1.1: Body shell:** Must be SCT specific and cover all wheels at the start of a race.
- **1.2: Wheels:** Must be 1/10 SCT specific dimensions. (No 1/8 wheels or tires allowed).

2.0: Box Stock (RTR) (Special Event)

- **2.1:** Any commercially available 2wd short course rtr truck (or kit made to rtr spec). Only radio, battery, battery/motor connectors and shock oil can be altered. Kit tires, motor and shock springs must be retained from that vehicle as it was produced.
- **2.2: Batteries:** Max 2S Lipo/LiFe or 6 cell Nimh/Nicd
- **2.3: Minimum Weight:** 2000g

3.0: Pro 2 (13.5 class)

- **3.1: Chassis:** Any commercially available 2wd SCT chassis. Dispensation can be given by the race director for a custom chassis that matches the criteria below.
- **3.1.1: Custom Chassis Dispensation**
All parts attached to the chassis are readily available.
The chassis must have front and rear bumpers that are a minimum of 180mm width;
 1. Rear bumper must extend a minimum of 100mm from the rear axle.
 2. Front bumper must extend 90mm past the front axle.The vehicle does not exceed the following dimensions.
 1. Wheelbase: 330mm
 2. Width: 300mm
- **3.2: Motor:** 10.5 'star' wind minimum turn with approved zero degree timing ESC or ESC profile. 13.5 'star' wind minimum turn with unlimited ESC dynamic timing.
Motors including SCT RTR KIT motors or minimum 19 turn brushed with the proviso that if the motor proves to have greater performance than the specified 10.5/13.5 motors its legality will be reviewed to prevent cost escalation and additional handicaps may be imposed immediately by the race director.
- **3.3: Batteries:** Max 6 cell Nimh/Nicd or 2S Lipo/LiFe
- **3.4: Tires:** Open to all SCT specific tires fitting dimensions.
- **3.5: Minimum Weight:** 2000g

4.0: Pro 4 (Open class)

- **4.1: Chassis:** Any SCT specific 2wd or 4wd chassis. Converted 1/10 chassis allowed, no 1/8 chassis.
- **4.2: Motor:** Unlimited 540/550 based motor, maximum can diameter 36.5mm, no 1/8 motors.
- **4.3: Batteries:** Max 7 cell Nimh/Nicd or 2S Lipo/Life
- **4.4: Tires:** Open to all SC specific tires fitting dimensions.
- **4.5: Minimum weight:** 2wd 2000g, 4wd 2400g

5.0: Pro 2 Modified (Special Event)

- **5.1: Chassis:** Any commercially available 2wd SC chassis. Dispensation can be given by the race director for a custom chassis that matches the criteria below.
- **5.1.1: Custom Chassis Dispensation**

All parts attached to the chassis are readily available.

The chassis must have front and rear bumpers that are a minimum of 180mm width;

 3. Rear bumper must extend a minimum of 100mm from the rear axle.
 4. Front bumper must extend 90mm past the front axle.

The vehicle does not exceed the following dimensions.

 1. Wheelbase: 330mm
 2. Width: 300mm
- **5.2: Motor:** Any 540 based 1/10 motor (short block)
- **5.3: Batteries:** Max 7 cell Nimh/Nicd or 2S Lipo/LiFe
- **5.4: Tires:** Open to all SC specific tires fitting dimensions.
- **5.5: Minimum Weight:** 2000g