

SPRINTCAR

- 1 General**
 - 1 Appearance to resemble a full size sprintcar
 - 2 Must be fitted with wings and nerf bars to resemble full size sprintcar
 - 3 All measurements are measured from the extreme points

- 2 Radio**
 - 1 2.4Ghz controllers only allowed
 - 2 No radio aids or enhancements are allowed
 - 3 D boxes and/or Gyro's are not allowed

- 3 Engine**
 - 1 Maximum engine capacity is 25.9cc
 - 2 Zenoah G2D70 / G230RC / G240RC / G260RC / G270RC / SIKKTOY23 or like CY engine
 - 3 Fitment of 25.4cc kit is allowed
 - 4 Engine must remain standard as per manufacturer's specifications
 - 5 Porting and polishing is not allowed
 - 6 Stuffed crank is not permitted
 - 7 A 12mm block is permitted to be fitted between the carby and inlet manifold to allow rotation of carby
 - 8 A 31mm block is permitted to be if it also replaces the inlet manifold to allow the rotation of the carby
 - 9 Non standard air filter is allowed
 - 10 Boost bottles are not permitted
 - 11 Standard ignition system from any of the listed engines including spark plug lead only allowed
 - 12 Kill switch must be fitted and operational
 - 13 Kill switch must be fitted on top right hand rear of roll cage
 - 14 Kill switch must be designated by a blue triangle
 - 15 Recoil starter must be fitted and operational
 - 16 Reedvalve engine is not allowed

- 4 Clutch**
 - 1 Must be fitted and operational
 - 2 Only manufacturers standard clutch from listed engines are allowed
 - 3 Aftermarket clutches are not allowed

- 5 Exhaust**
 - 1 Non standard exhaust system is permitted
 - 2 Exhaust must not be longer than the body and must be contained within the side nerf bars
 - 3 Engine noise must not exceed 95dBA measured from approximately 10m from the model using an SSME approved measuring device

- 6 Brakes**
 - 1 Must be fitted and operational
 - 2 No restriction on types or number of brakes fitted

- 7 Model dimension**
 - 1 Maximum o/a car length is 39"
 - 2 Maximum o/a car width is 20", measured to outside of tyres
 - 3 Minimum chassis height is 11.5"
 - 4 Maximum chassis height is 12.5"
 - 5 Minimum wheelbase is 20"
 - 6 Maximum wheelbase is 24"
 - 7 Maximum chassis tube size is 1/2"
 - 8 Maximum Thickness of Plate chassis is 1/4"

- 8 Wheels and tyres**
 - 1 Maximum wheel size is 4.5"
 - 2 Maximum front tyre diameter is 6"
 - 3 Maximum front tyre width is 2"
 - 4 Maximum rear tyre diameter is 7"
 - 5 Maximum rear tyre width is 4"

SPRINTCAR

- 9 Wings**
- 1 Must have top wing fitted at all times to compete
 - 2 Top wing option 1 is 15" long and 15" wide including side boards
 - 3 Top wing option 2 is 18" long and 13" wide including side boards
 - 4 Top wing side boards must be maximum 18" long and 7" high
 - 5 Front wing must be maximum 6.25" long and 9" wide including side boards
 - 6 Front wing side boards must be maximum 6.25" long and 3" high
- 10 Driveline**
- 1 Two wheel drive only allowed
 - 2 Solid rear live axle only allowed
 - 3 Independent suspension is not allowed
 - 4 Multispeed gearbox is not allowed
- 11 Front axle**
- 1 Beam axle is only allowed
 - 2 Independent suspension is not allowed
- 12 Suspension**
- 1 Coilover or torsion bar is allowed in any combination front and rear
 - 2 Independent suspension is not allowed
- 13 Fuel tank**
- 1 Must be mounted securely within the body of the model
 - 2 Must be made of leakproof material
- 14 Fuel**
- 1 Unleaded / premium unleaded with two stroke oil additive is only allowed
 - 2 Methanol, nitro, av gas, non commercial aftermarket fuel and non 2 stroke oil additives are not allowed
- 15 Crash and nerf bars**
- 1 Front, rear and side bars must be fitted and are to resemble those fitted to real size sprintcars
 - 2 Bars must be maximum 1/4" diameter steel or 3/8" diameter aluminium
- 16 Race numbers**
- 1 Must be minimum 3.5" high and 2.25" wide
 - 2 Must be fitted to both side wing boards in a contrasting colour
 - 3 Must be fitted to both sides of tail tank in a contrasting colour
 - 4 Number to have state letter adjacent
 - N = NSW
 - Q = Queensland
 - W = Western Australia
 - V = Victoria
 - S = South Australia
 - NT = Northern Territory
 - T = Tasmania
 - A = ACT
 - 5 Current NSW Champion may display N1
- 17 Inspection**
- 1 SSME QSC officials retain the right to inspect any vehicles
 - 2 Vehicles may be inspected prior to a blue ribbon event at the discretion of SSME QSC officials
 - 3 Vehicles may be inspected at the completion of any event other than a fun day at the discretion of SSME QSC officials
 - 4 Penalties will apply if any vehicle is found to be in breach of any rule
 - 5 Refusal to comply with an inspection instruction from any SSME QSC official will deem the vehicle to be illegal and subject to a penalty
 - 6 Any costs incurred during an inspection is at the owners expense
 - 7 Vehicle must be dismantled by the owner under the supervision of an SSME QSC official

18 Note

- 1** Anything not included and detailed in these rules and specifications is deemed to be illegal. Written request must be submitted to SSME QSC officials for evaluation and technical clarification. Once accepted it will be put to a vote of the members of the section prior to inclusion to these rules