

Jr. Sprints - Updated on 5/4/2018

1. Age. Drivers ages 6 through 12(A driver whose 13th birthday falls during the racing season will be allowed to finish the season in which they began accruing points before their birthday.) may compete in the Junior Sprint Class.

2. Roll cage. Roll cages shall be at least 1 inch .083 wall thickness mild steel, or 1 inch .065 wall thickness chromoly steel minimum.

The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3 inch radius.

No square or pointed corners allowed. Roll cage must be a minimum of 3" Above the drivers helmet to the top of the cage at any point above the drivers helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness at a point not lower than 1 1/2" below or above the top of the drivers shoulders.

3. Bumpers and Nerfs. Car must have bumper extending beyond the front and rear tires. Nothing may extend beyond a tangent line from the outside edge of the tires to the bumpers. Nothing may extend beyond the outside edge or the tires or wheels, whichever is the widest.

No sharp corners or design as to hook or damage. All cars must be equipped with nerf bars.

Nerf bars must extend to inside edge of tires, but not beyond the outside of tire.

4.Safety. Seat belts must be securely attached to the car and used at all times. Metal to metal latches only. 5 point seat belts, shoulder harness and sub strap are required. Belt dates must not be over three years old. (Example: Oct 09 may be used in 2010, 2011 and 2012.) Arm restraints are **strongly recommended** and must be adequately adjusted to keep the drivers hands below the top of the roll cage. Helmets must be full head coverage competition type with one of the three latest SNELL approvals or SFI 24.1 for Youth Helmets. Nomex head socks recommended. All drivers will wear a name brand flame-retardant uniform. Neck braces and/or cage nets with a SFI 3.2-1 rating or higher or Total Head containment seats are mandatory. SFI gloves are mandatory for safety.

5. Cockpit Controls. On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be functional. No radio communication is allowed with the car or the driver. Cockpit controls: carb adjusters, kill switch, starter button and engine monitor. No wing sliders or pan hard adjusters driver operated in cockpits.

6. Battery. All wet cell batteries mounted in the cockpit must be covered and vented outside the cockpit area.
7. FUEL `Junior Sprint` Class cars must run SUNOCO PURPLE or methanol fuel. No additives are allowed.
8. Weight. Minimum car and driver weight: 400 lbs.
9. Suspension. Aluminum or steel body shocks are legal.
10. Wheelbase; Maximum 52 inches. Minimum 50 inches, center of front axle to center of rear axle. Rear axle to be steel or splined aluminum 1 1/4" min dia.
11. Maximum Tread Width. Cannot exceed 55" outside wall of tire to outside wall of tire.
12. Steering; Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by some type of locking device.
13. Brakes. Brakes will be of sufficient strength so as to slide the wheels while the car is in motion at any given time.
14. Tires and Wheels. Wheels to be 8" diameter steel, aluminum or carbon fiber. Beadlocks allowed. Wheels must be held on with 3 or more standard lug nuts or knock-off hubs. Tires on all 4 corners will be Hoosier, Right rear tire to be the spec Hoosier RD 20. Grooving, siping and grinding is allowed on all 4 tires. Tire Prep/Dope is NOT allowed on any tires.
15. Bodies. All cars must have complete bodies of Sprint Car design only. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24 gauge steel or .060" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. All mechanically operated devices must be mounted below the driver's shoulders for safety. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.

16. Transmission. The drive will be by engine or jackshaft mounted clutches. No axle mounted clutches allowed. No direct drive will be allowed. Chain guards will be made of .090 inch thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle.

Driver must not be able to touch the chain or sprockets while sitting in the cockpit.

17. Wings. Right side board, maximum 42" x 20". Left side board, 42" x 20". Minimum size is 6 sq. ft. The wing cannot be mounted outside the center line of the tires.

Side boards may not extend more than 3" beyond center section and sides must cover center section. All wings must have 1/16" radius edges or edging. No raw edges.

No wood except for ribs or spars inside center section. Lower front corner of the wings sides cannot be more than 4" below top of roll cage.

Nose wings cannot exceed 24"x 18", and must carry car number. Top wings are mandatory to enter a night's event.

Cars may finish without a wing if no replacement is available.

18. Numbers. All cars must have legible numbers on both sides of car and the nose. Minimum height of numbers is 8" on the nose or nose wing, 10" on each side of the tail and 12" on the wing.

19. Ballast. Any material used for ballast must be firmly attached as a part of the car's structure.

No liquid or loose ballast such as; water, fuel, oil, sand bags, rocks, log chains etc. allowed.

20. Hubs. Front hubs; Go kart type with 5/8" bearings and 5/16" wheel studs minimum. Rear hubs: Douglas 5 x 130 Go kart type or equivalent.

21. Engine Rules. Briggs & Stratton World Formula engines