

NOW600 Junior Sprint Rules for 2024

1. **AGE:** Drivers ages 6 through 12 may compete. It is recommended that parents/guardians read and understand these rules. If a driver turns 13 after March 1 they may compete in the Junior Sprint class for the remainder of the calendar year. 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.
2. **ROLL CAGE:** Roll cages 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 driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
3. **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. The box that hangs on the fence was clarified as not being radio communication to car or driver and will be allowed. (This is the infrared transmitter used to trigger the lap timer function on Mychron style devices. Concerns had been raised that this "box" might be capable of "communicating" with a car on the track. Further review by the board proved no "communication" was possible.) Cockpit controls: carb adjusters kill switch and engine monitor. No wing sliders or pan hard adjuster's driver operated in cockpits.
4. **FUEL:** ALL JUNIOR SPRINTS MUST BRING THEIR RACE CARS TO THE TRACK WITH THE FUEL TANK COMPLETELY EMPTY. You must purchase your methanol or pump gas from the racetrack. You do not need to bring fuel. NO Nitro Products Allowed. NO UPPER LUBE OR ADDITIVES ALLOWED FOR JUNIOR SPRINTS - NO EXCEPTIONS!!! Edit: You will get Fuel from the Tulsa Shootout, but you will fuel your car. Fuel will be checked.
5. **WEIGHT:** Minimum car and driver weight 400 lbs.
6. **SUSPENSION:** Coil-over shock suspension or torsion bar suspension allowed. Tread; Maximum 46 inches. Minimum 32 inches, center to center of tires. Wheelbase; Maximum 52 inches. Minimum 50 inches, center of front axle to center of rear axle. Rear axle to be steel 1 1/4" min diameter or the new aluminum axle. 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.
7. **SHOCKS:** Aluminum or steel body shocks are legal.
8. **TIRES & WHEELS:** Wheels to be 8" diameter, steel or aluminum. All four corners of tires are to be Hoosiers. The right rear spec tire is to be the Hoosier Junior Sprint tire 16.0/8.5/8/8 RD 20. You can groove or sipe all tires. Wheels must be held on with 4 or more standard lug nuts or

knock-off hubs. Three spoke front wheels may be ran if they are manufactured that way. Any doping of tires is illegal and will result in the disqualification and forfeiture of all purse money.

9. **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 .0625" 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. Mud guards must be aluminum, metal, fiberglass or high impact plastic. There will be no tops or body encasements allowed. Minimum opening on the right side of the car will be 14" from top of roll cage to the top of the mud guard or sissy bar and 16" minimum from front down tube to the back. 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.
10. **TRANSMISSION:** The drive will be by engine or jackshaft mounted clutch. No axle mounted clutches allowed. No direct drive will be allowed. Chain guards will be made of .060-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.
11. **WINGS:** Right side board, maximum 42" x 20" - 16" x 16" minimum . Left side board, maximum 42" x 20" - 18" x 18" minimum. Overall wing size minimum 5.5. The wing cannot be mounted outside the centerline 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. Nose wings cannot exceed 24"x 18", and must carry car number. Side boards not to exceed 8.5 inches tall and 21 inches long. Top wings are mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. Side boards must be 90 degrees to the center section. The side board kick out cannot exceed 2 inches. It is your responsibility to check the size of your wing to make sure it is correct.
12. **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 or the new aluminum axle and wheels or any new style hub approved by tech inspection.
13. **ENGINE RULES:** Briggs & Stratton World Formula engines as defined by the Jr Sprint USA. The Briggs World Formula will use a RLV 5442S header or stock pipe and RLV 4100 silencer as defined in the Junior Sprint USA Briggs World Formula rules. Stock pipes may be cut and turned as necessary to fit the race car as long as the pipe still retains the original length, diameters and volume as the original stock pipe. kind for traction control. No Sprocket or Transmission sensors for Traction Control. NO TRACTION CONTROL of any type specifically listed or not.