

Coos Bay Speedway

Sprint Car Rules

Safety Rules

1. The driver's uniform, underwear, gloves, face wear, socks and arm restraints recommended to be all be NOMEX. Footwear must be racing apparel. All of these items must be worn while racing.
2. Helmets are required and recommended to be Snell 2005 or newer. Must cover the base of the skull and be approved by safety inspection. Face shields are required. Helmets must be worn at all times car is fired.
3. Approved nylon lap belt, shoulder and anti-sub belts are mandatory with common quick release and belts securely fastened to the frame. Minimum width of lap belt is 3" and 3" shoulder belts are required. Three points must be shoulder height. No heating, bending or welding of safety belt 'D' rings or mounting hardware. Mounting bolts must be grade '8' or better. Seat belts are subject to safety inspection.
4. A full firewall is required between the engine and driver. The driver's compartment should be sealed as well as possible from water and flame.
5. Hoods are required and must cover the radiator cap and engine compartment.
6. Throttle pedal must have toe strap and return springs on the linkage at the injection and/or carburetor.
7. Main fuel line should have a turn shut off valve between the tank and the pump. Gas cap must be approved racing type. No plastic fuel lines. Lines must be reinforced pressure hose.
8. All cars must have bladders. Tank must be vented in a manner that will not leak if upset.
9. On/off toggle or push/pull switches are required and clearly marked for safety.
10. No mirrors and No radios allowed.
11. Driveline must be covered with torque tube restraint and is required in driver's compartment.
12. Wrap around racing seats of rigid back construction, securely fastened with a minimum of 4, grade '8' by 3/8" bolts with fender washers required. Back of seat to extend to the top of the shoulders.
13. Headrest required. Must be a minimum of 5" x 7" and can be no further back than the rear of the seat.
14. No car will have pitman arm or drag link inside the roll cage.
15. No coolers attached to the roll cage.
16. Roll cage must be higher than the drivers helmet at all upper points of the cage. Roll cage must be padded.
17. Hydraulic brakes, in good working order, required.
18. No wheel weights. Wheels must be approved for racing. All center bolts and bead lock bolts must be in place for safety reasons.
19. Front, rear and side nerfs are required at the beginning of the racing event. If a nerf is lost due to damage the car may continue if deemed acceptable by the driver as well as the officials.
20. Knee guards and rock screens are optional but recommended.
21. Right rear mud guards, plastic or metal plates, Must be attached by at least 3 fasteners. Foam is also approved.

CHASSIS RULES

1. Any type approved racing sprint chassis allowed. i.e. Maxim, John boy, Gambler and so on. All main roll cages must be a minimum of .095 (4130-chromoly tubing).
2. Side nerf bumpers are required and should not exceed past the width of the rear tires. Front nerf should be at least 12" wide and not wider than the frame rails and in front of the tires. Any sheet metal on the side nerfs must have the edges rolled in.
3. Top wing surfaces are limited to a total of 25 square feet, **wicker bill depending on class.** Side panels will not be over 30" high. Nose wings not to exceed 2' x 3'. Nose wing will not have rear flap and no more than 1" lip on the side panels. No angleing of wings must run parallel with the body of car. **No adjustable hydraulic wing ram.**
4. Must have at least one shock per wheel. Aluminum shocks allowed
No cockpit adjustable shocks, no shockes with remote canisters allowed.
5. Wheel base minimum of 85".

6. Live rear axle steel or aluminum optional.
7. No magnesium or fiber wheels allowed.
8. 15" left rear wheel and 18" right rear wheel maximum width.
 - Tire rule is **stamped Hoosier Racing Tire only on all four corners.** No tire preps or tire softeners allowed all numbers and Identification on the right rear tire must not be altered and any alterations made will result in disqualification of that tire.
 - **Crate car may run Hoosier RC1, HTW, MEDIUM, or HARD only on right rear.**
 - **Non-crate motor sprint cars must run a Hoosier MEDIUM or HARD tire only on right rear.**
9. Minimum weight rule of the car and driver combined is **1525 LBS for Crate motors and 1650 LBS for motors with 2 3/16" restrictors.** No allowance for fuel when weighed. Weight added for ballast must be mounted between the frame rails and the axles. Weights will be painted white and have the number on them.
10. All cars must be neatly painted. Numbers should be neat and in contrasting color. Top wing numbers on the side mandatory and should be 16" high.

Crate Sprint Car Rules

1. Sealed GM 604 Crate Motor
2. Ron's fuel injection
2. Hunt magnetos
3. **Approved sealed motors allowed ONLY**
4. Hoosier tires only all four corners. **Right Rear tire rule** of Hoosier RC1, HTW, MEDIUM, or HARD
5. 1" wicker bill max on top wing, no wicker bill on nose wing
6. **Manual wing sliders only**
7. Methonal fuel only NO additives
9. Any shocks allowed aluminum or steel, basic shocks only, no cockpit ajustables, NO external canisters with ajustments attacted to the shocks will be allowed. **Example shocks that cost around \$190 each.**
10. **Car and driver must weigh 1525 pounds minimum weight at the conclusion of the race.**

Non Crate Sprint Cars

1. Any 360 cubic inch (maximum) allowed **Limited, ABSOLUTELY NO 410 MOTORS.**
2. Only one injector/nozzle per cylinder. Injectors must be individual stack pre cylinder design and shall not exceed 2 3/16" inside diameter. If downsized stacks are used or a restrictor is used, there must be at least 3" of restriction to 2 3/16" I.D. (With 1650 lb. weight limit)
3. No electric fuel pumps.
4. No turbochargers or superchargers allowed.
5. Type of oil pan optional. No Dry sump systems allowed.
6. Methanol or racing gas only. No nitrous oxide or nitro (this will be checked), no aditives of any kind.
7. Mufflers, Must meet 95db or less at 100 feet. No exceptions.
8. Hoosier tire only all four corners. **Right Rear tire rule of Medium or 15.0/ 18.0-15 HARD No tire treatments.**
9. No wicker bills on nose wing or top wing will be allowed
10. **Manual wing slider only,** NO hydraulic wing sliders allowed
11. Any shocks allowed aluminum or steel, basic shocks only, no cockpit ajustables, NO external canisters with ajustments attacted to the shocks will be allowed. **Example shocks that cost around \$190 each.**
12. **Cars and driver must weigh 1650 pound minimum weight at the conclusion of the race.**

TECH INSPECTOR WILL HAVE THE FINAL DECISION ON ANY RULE IN QUESTION. It will be policy at Coos Bay Speedway that any car not passing class specific rule(s) at technical inspection may, upon discretion of tech official will be disqualified. **There will be no grace race allowed.**