

2016 Ohio Sprint Car Series Rules and Procedures



1. Engines

- a.) Only small block V-8 engines with the cam in the block and a maximum of 410.00 cubic inches of displacement (tolerance +/- 0.000) will be permitted. The formula $6.2932 \times \text{bore}^2 \times \text{stroke}$ will apply. Big block engines will not be permitted.
- b.) The engine must be mounted in-line with the driver and the drive-line must pass beneath the driver on center through the driver compartment. Offset engines and/or offsetting the position of the engine will not be permitted.
- c.) The engine block and cylinders must be machined from cast aluminum. Billet machined blocks and/or cylinder heads will not be permitted.
- d.) Only normally aspirated engines will be permitted. Turbo chargers, super chargers and/or forced induction of any type and/or description will not be permitted.
- e.) The maximum engine cylinder bore size shall be 4.165.
- f.) Titanium crankshafts, connecting rods and/or rod caps will not be permitted.
- g.) Only two (2) valves and one (1) spark plug per cylinder
- h.) Only steel connecting rods with a maximum length of 6.000 inches will be permitted.
- i.) Only magneto-type ignitions will be permitted. Crank triggers are permitted.

2. Fuel

- a.) Must be methanol based fuel
- b.) Fuel additives, including but not limited to nitro, nitro methane and/or nitrous oxide injection will not be permitted.
- c.) Must use fuel cell with bladder

3. Mufflers

- a.) Mufflers are required at the following tracks during Ohio Sprint Car Series Events:
 1. Fremont Speedway
 2. Attica Raceway Park
 3. Wayne County Speedway
 4. Moler Raceway Park

- b.) OSCS events at facilities that require mufflers will follow track rules regarding specific muffler part #.

4. Traction Control Devices

- a.) Traction control devices of any type are not permitted at any time, during any event

5. Drive Line

- a.) Must be completely enclosed. Drive line hoop or strap is mandatory and has to be on centerline of chassis.
- b.) Hoop should be steel and welded or bolted in.

6. Chassis

- a.) Minimum tubing size and thickness. The following are subject to inspection:
- b.) TOP RAILS must be a minimum 1 1/2" diameter x .095 thickness.
- c.) BOTTOM RAILS must be a minimum 1 3/8" diameter x .095 thickness or 1 1/2" diameter x .083 thickness.
- d.) ROLL CAGE UPRIGHTS must be a minimum 1 3/8" diameter x .083 thickness.
- e.) ROLL CAGE TOP CROSS MEMBERS must be a minimum 1 1/2" diameter x .095 thickness.
- f.) UPPER RAILS must be minimally 1 3/8" diameter x .083 thickness. REAR END SAFETY BAR is a mandatory piece.
- h.) No titanium or aluminum in the chassis construction
- i.) No filing of nerf bars or bumpers. No solid steel nerf bars or bumpers.
- j.) Floor pan and body panels may not be thicker than 0.125" and must be made from aluminum or carbon steel only.
- k.) Drilling of any bolts, fasteners, or heim ends is prohibited.
- l.) No mirrors, radios, or communications equipment is allowed. No on-board computers or any computer adjustable devices allowed. ***Swindell" style bleeder systems allowed
- m.) The right rear wheel is limited to 18" wide and left rear wheel is limited to 15" wide.
- n.) No adjustments within the drivers reach inside or out of the cockpit except for the fuel shutoff and one way wing slider forward and back only.
- o.) Car must resemble a traditional sprint car. No non-winged cars.
- p.) No part of the car can extend past front bumper, with bumper no more than 23" from front of front axle. Nobody pieces to extend beyond front torsion tube except hood.

7. Nerfs & Bumpers

- a.) Must be steel or stainless steel only. Minimum 1" diameter, minimum .065 thickness. Nerf bars are mandatory and must be steel or stainless steel only.

8. Front Axle

- a.) Must be steel only. Minimum sizes 2" x .156 or 2 1/4" x .120 or 2 3/8" x .095 or 2 1/2" x .095.

9. Body

- a.) Must resemble a traditional sprint car body
- b.) No exotic sail panels, fins etc; Armguard may not extend past rear of the frame

10. Top and Front Wings

- a.) Center Foil maximum size of 25 square feet with a maximum width and length of 60 inches. Center Foil must be square or rectangular in shape with all 4 corners set at 90° angles with no variance allowed. Center foil top is to be flat from front to back and side to side. The center foil top must start being flat within 6" from the center foil's front leading edge.
- b.) Center Foil shall be fully sheathed in aluminum. Vent holes, dimples, ridges and/or any other type of fabricated modification will not be permitted anywhere on the wing.
- c.) Flat-top wings will be allowed to utilize a 2" wickerbill
- d.) Dished wings are permitted without the use of a wickerbill of any height
- e.) Dished wings must be square or rectangular in shape with all 4 corners set at 90* angles with no variance allowed. Center foil dish of 2 ½ inches allowed. Max size of 25 sq/ft
- f.) The top wind side boards maximum size will be 72 inches long and 30 inches tall. The top 2/3's of each top wing side panel shall consist of only 2 corners. Each corner shall be set at a 90 degree angle with no variance. This portion of the side panels leading edge may not be behind the center foils leading edge. Panels must be of one-piece construction and be fabricated flat. Turnouts on all edges of the wing must not exceed 1 1/4" x 1 1/4" and must be oriented at a 90 degree angle to the flat portion of the side panel.

11. Weight Rule Procedure (1,400 lbs with or without mufflers)

- a.) All cars must weigh after qualifying lap, top five cars at end of A-feature must weight
- b.) Scales will be designated during the driver's meeting at a particular event
- c.) If a car fails to go **DIRECTLY** to the scales at the end of the A or qualifying, they will scored in last place for that event
- d.) Top 3 finishers to front stretch/victory lane for Interviews **AFTER** meeting minimum weight **Failure to do so will result in \$500 fine from finishing pay

12. Tires

- a.) Hoosiers must be run on all 4 corners

b.) Front

85/8.0-15 D12, D15, D20

c.) Left Rear

15.0/90-15 H12

15.0/92-15 H12, H15

15.0/94-15 H12, H15

15.0/96-15 H12, H15

d.) Right Rear

105/16.0-15 H15, H20, Medium, W18

NRA Stamped 18" ****steel-block 360 ci. engine only**

- e.) ** Must utilize the same right rear tire for qualifying, heat-race, and A-Main
- f.) A cut or damaged right rear may be replaced prior to the A-Main. Must be inspected and receive approval from competition/race director. Must be replaced with a **USED** tire of the same compound and quality. Changing a tire between heat and A will result in a (6) position starting penalty in the A-Main
- g.) May use different right rear during B-main and/or dash

12. OSCS Event Format

- a.) Drivers will draw pill to determine heat race
- b.) Hot laps will be in heat race group

- c.) Single-car one lap qualifying in order of pill draw
 - Time is scored ONLY against cars in the particular heat race group
 - Drivers will be given 1 timed lap
 - Missed position by more than (2) spots in qualification will be given (1) timed lap at the end of qualification. Time will be scored in the heat race in which said car has drawn, and can start no better than 5th in that heat race
- d.) Heat race line-up will be set by an invert of (4). (ie. Fast qualifier for heat 2 will start 4th, fast qualifier for heat 2 will start 4th in heat #2.)
- e.) Top (2) finishers in each heat race will be eligible for re-draw for top (6,8,10) starting positions in the A
- f.) B-main will be lined up off of heat race finish
- g.) Top (6/8/10) starting positions in A-main will be determined by heat race re-draw. Remaining spots through 16th will be set by heat race finish for competitors in remaining transfer position. Spots 16-20 will be set from B-main finish
- h.) Single File Restarts
 - Cone will be placed on front stretch, drivers may not hit, or go below the cone. Must stay single file until passing cone; Hitting, going below, or passing before the cone will result in a 2 position penalty at the flag (checker/red/yellow.)
- i.) All initial starts will be in the restart box in turn 4. The leader has the option to fire any time after the first line
- j.) The leader on single-file and double-file restarts must keep a slow consistent pace, leader starts the race
- k.) Jumping on initial start will be given **ONE** warning. Second jump will be a one row penalty
- l.) A backup car may be introduced at any time between qualifying and the start of the A-feature, with permission from the OSCS Series Director. Any such change will result in the driver starting at the rear of the race in which the driver has qualified for. If a driver changes cars after practice, that driver will remain in his drawn position for time trial qualifying. If a backup car is introduced, the car must pass pre-race technical inspection prior to any competition. Once a car has been withdrawn from an event, that car will not be allowed to be resubmitted to competition during that event.
- m.) Intentional cautions will result in a black flag
- n.) Work area: Designated work area will be announced during drivers meeting. Teams have two minutes in the work area from the time the driver reaches a stop in the work area.

13. Points:

- Full points are awarded at each Ohio Sprint Car Series sanctioned event, regardless of location or purse
- Show-up points are awarded when cars are on the track, and/or instructed to fire motors by an official
- Tie-breaker at end of points: Number of wins, then number of 2nd place finishes etc.
- **Co-sanctioned event points?
- Separate points will be maintained for driver & owner. Points will be distributed to both owner and driver, (ie. 1st place owner receives 140 pts, 1st place driver receives 140pts.) Point fund will be distributed 50% to owner and 50% to driver.
- Show-up points only may be awarded in the situation of co-sanctioned events. Announcement regarding this will be made ahead of scheduling of such event
 - Car must display full OSCS contingency decal package to receive end of year contingency awards

Points Structure:

100, 95, 90, 85, 80, 75, 70, 65, 60, 55, 52, 49, 46, 43, 40, 37, 34, 31, 28, 25

B-Main Non-Transfers: 20 **Show up points:** 40

Qualifying Points:

Each group will receive points on qualifying time:

1st in group: 10pts

2nd in group: 7pts

3rd in group: 5pts

4th in group: 3pts

14. Safety

- a.) Flame retardant driver's suit (SFI 3.2A/5), gloves, and shoes are mandatory
- b.) Full face SA SNELL 2005 approved or better helmets required
- c.) Minimum of an SFI 16.5 or SFI 16.1 approved restraint system, until the date of the belt expiration (three years from the date of manufacturer)
- d.) Seat belt restraint systems shall be installed and used in accordance with manufacturer's instructions
- e.) In any type of manufacturer's installation the fasteners must be magnetic steel unless using type of mount in which the seat belt wraps around the roll cage

15. Social Media Policy

As representatives of your team, the Ohio Sprint Car Series, and motor racing in general, negative outbursts on social media platforms accessed by the general public (Facebook, Twitter, etc.) against Ohio Sprint Car Series tracks, officials, other drivers, and the series, will not be tolerated. The Ohio Sprint Car Series does not endorse any public shaming; Please handle disputes with the series, tracks, or officials in a private, calm manner. A violation of this policy will result in a (1st **Offense:** 20 point penalty, \$100 fine before the driver and/or owner are able to enter another OSCS event; 2nd **Offense:** 50 point penalty, \$300 fine; 3rd **Offense:** Suspension, point, and monetary penalty to be determined by series officials)

16. Disclaimer:

These rules and guidelines are set forth by the Ohio Sprint Car Series; Failure to comply with the aforementioned rules will result in designated penalties as stated, or other penalties as determined by series officials. These rules are intended to govern all Ohio Sprint Car Series sanctioned events, and enforced consistently at each series event. Rules may be amended, added, or deleted by series officials with proper notice to competitors before designated event in which enforcement of said rules will begin.



