

POWRi 360 Non-Wined Sprint Car 2024 Rules



THE RULES AND/OR REGULATIONS SET FORTH HEREIN ARE DESIGNED TO PROVIDE FOR THE ORDERLY CONDUCT OF RACING EVENTS AND TO ESTABLISH MINIMUM ACCEPTABLE REQUIREMENTS FOR SUCH EVENTS. THESE RULES SHALL GOVERN THE CONDITION OF SPEEDWAY EVENTS AND, BY PARTICIPATING IN THESE EVENTS, ALL RACEWAY COMPETITORS ARE DEEMED TO HAVE COMPLIED WITH THESE RULES. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND REGULATIONS. THEY ARE INTENDED AS A GUIDE FOR THE CONDUCT OF THE SPORT AND IN NO WAY ARE A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS OR OTHERS.

Standard Race Procedure:

1. Cars will draw for heat race position at the conclusion of the drivers meeting each night. Entry fee is \$20 for POWRi Border Tour Members, \$30 for non-members.
2. A combination of passing points and finishing points (see "Passing Points Scale" below) will be used at the conclusion of the 8 lap heat races to determine the top 16 drivers that will automatically advance to that night's feature event. Points will be calculated from the line up at 1 lap to go.
3. The "High Point Man" will draw a 0, 4 or 6 to determine the inversion for the night. The inversion will set up the top 6 starting positions in the A-Main event.
4. **LS3 Sprint Car Engine Package Rules**
 - A. ECM methanol calibration (Supplied from Schwanke Engines LLC)
 - B. Custom serial numbered ISKY Racing Cams camshaft; RAD (Supplied from Schwanke Engines LLC)
 - C. L92/LY6 plastic truck 4-bolt intake only
 - D. GM Aluminum LS3/L92 block only
 - E. Engine bore size: 4.065" – 4.075" max bore
 - F. Custom Mahle piston +12cc dome
 - G. 102mm Throttle Body
 - H. 6.125" H-beam connecting rods & APR 2000 rod bolt
 - I. LS3/LY6 ported 0821/0823/5364 cylinder heads
 - J. 1-3/4" – 1-7/8" step headers (Schoenfeld)
 - K. COMP Cams gear drive front cover

Recommended:

- I. Dry sump 4-stage pump
- II. Johnson Red Zone hydraulic roller lifters
- III. LS2 central drill GM crankshaft
- IV. Hollow stem intake valves
- V. Trunnion kit with stock 1.7 ratio rockers
- VI. Dual valve spring titanium retainers

VII.RAD with custom rear cover & seal

VIII.PC680 Odyssey battery

5. Positions 7-16 will line up straight up from the points earned in the heat races.
6. Positions 17 through the balance of the field will be lined up for a B-Main event (12 laps) straight up from points earned in the heat races. The top 4 finishing cars in the B-Main event will line up at the rear of the A-Main event to make up a 20-car field.
7. The 20 cars in the A-Main event will receive points for their finishing position (see "A-Main FeaturePoints" listed below) to determine the year-end point championship.
8. 65 points awarded to all drivers that take a competitive green flag but fail to qualify for the A-Main.
9. 50 points will be awarded to all drivers that try to compete but fail to take a competitive green flag in a heat race or feature.
10. You must be a POWRi registered member to receive points for the year-end point championship.
11. You must compete in 80% of the POWRi races ran in a season to be eligible for the year-end point championship of that season.
12. The top 3 feature finishers must stop on the front stretch for a victory lane ceremony, and then proceed directly to the scales to weigh and check tires. If you go to your pit area first, it will result in a disqualification for that event.
13. Payout will be at the POWRi trailer no earlier than 40 minutes after the conclusion of the A-Main.
14. Protests will be accepted by POWRi officials, at the POWRi trailer, and only from a driver, or car owner. The protest must be in writing and accompanied by the protest fee in cash within 10 minutes of the conclusion of the A-Main.
15. The protest fee is \$100 and money will benefit the year-end points fund.
16. Protests can be filed on official POWRi rule violations only. No judgment call protests will be accepted.
17. All protest shall be decided upon by POWRi officials whose decision shall be final.
18. In the event a car is protested and found to be illegal by the POWRi officials, the driver and car protested shall have all points and money forfeited that were won during the race event in question.

A-Main Points:	10.110
1. 150	11.108
2. 142	12.106
3. 135	13.104
4. 130	14.102
5. 125	15.100
6. 122	16.98
7. 119	17.96
8. 116	18.94
9. 113	19.92
	20.90

Drivers that take a competitive green flag but fail to qualify for the "A" Main will be awarded 65 points. Drivers that try to compete but fail to take a competitive green flag in a heat or feature race will be awarded 50 points.

Passing Points Scale:

	Start												
	1	2	3	4	5	6	7	8	9	10	11	12	
1	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	
2	91.5	93.0	98.0	103.0	108.0	113.0	118.0	123.0	128.0	133.0	138.0	143.0	
3	83.0	84.5	86.0	91.0	96.0	101.0	106.0	111.0	116.0	121.0	126.0	131.0	
4	74.5	76.0	77.5	79.0	84.0	89.0	94.0	99.0	104.0	109.0	114.0	119.0	
Finish	5	66.0	67.5	69.0	70.5	72.0	77.0	82.0	87.0	92.0	97.0	102.0	107.0
6	57.5	59.0	60.5	62.0	63.5	65.0	70.0	75.0	80.0	85.0	90.0	95.0	
7	49.0	50.5	52.0	53.5	55.0	56.5	58.0	63.0	68.0	73.0	78.0	83.0	
8	40.5	42.0	43.5	45.0	46.5	48.0	49.5	51.0	56.0	61.0	66.0	71.0	
9	32.0	33.5	35.0	36.5	38.0	39.5	41.0	42.5	44.0	49.0	54.0	59.0	
10	23.5	25.0	26.5	28.0	29.5	31.0	32.5	34.0	35.5	37.0	42.0	47.0	
11	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0	35.0	
12	6.5	8.0	9.5	11.0	12.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	

POWRi Rulebook:

- 1) Cockpit adjusters of any kind are not allowed.
- 2) All four tires must be Hoosier. Right rear tire must be Hoosier Medium H15, HR15, D-15A, Hard or RaceSaver.
- 3) **Engine Rule:** 360 cubic inches maximum. Protest may be made for \$1,000 to have another driver's engine inspected. If legal, driver protested keeps money. If illegal, money is returned to the protester. In either case, \$150 will be paid to tech inspector completing the inspection so only \$850 goes to the recipient. The Track has the right to a complete engine tear-down after 3 main event wins. **Aluminum blocks are not permitted [Except on LS motors].**
- 4) Body work rules are open to within reason. Any "wicker" must stay within 1" of the frame rails and will be policed on an individual basis by the Race Director.
- 5) Weight rule is 1450 lbs., including the driver, at the conclusion of each event. Any entry that fails to meet the 1450 lbs. weight rule at the conclusion of an event will be scored last in that event. Any car that fails to meet the weight requirement at any other point in the evening will lose passing and finishing points up to that time in the program.
- 6) All bolt-on weight must be painted white and the car number must be displayed clearly on the weight. Loss of any bolt-on weight during competition will result in disqualification from that event. Bolt-on weight must be bolted to the frame and securely attached. It must remain in place during the race and must not be moved or removed during a red flag situation. We reserve the right to disqualify any individual whose weight mounting procedure does not meet our specifications.
- 7) POWRi officials reserve the right to weigh cars at the conclusion of any event.
- 8) Double-file starts will be at the cone in turn 4. One warning will be given on false starts. The second warning will result in a one-row penalty. Restarts will be single file at the cone in turn 4.
- 9) Cars must be nose to tail. If you are determined to be out of line, it will result in a one position penalty at the next yellow or end of the race, whichever comes first.
- 10) If you pass a car before the designated cone/tire, it will result in a two-position penalty for every car passed at the next yellow or end of the race, whichever comes first.

- 11) Lapped cars will be placed at rear of the field on restarts with 5 laps or less remaining in the A-Main.
- 12) **Yellow/Red Flag Procedures:** All cars stopped on a yellow will be placed at the rear of the restarting line-up. Cars remaining on the racetrack surface that can continue without service to restart will line up for restart in the order they were running prior to display of the yellow flag. Any car that comes to a stop two times (assisted or unassisted) will be disqualified for that event, not including any driver who visits the work area while a yellow flag is already displayed for a separate incident.
- 13) **Split Yellow Rule:** In any event, if at least the top 3 running cars cross the finish line before the yellow is displayed, that lap will count as complete. The cars which cross the finish line prior to yellow flag will be scored as they cross and the remaining cars that do not cross the finish line at the time of the yellow flag will be scored as they crossed the line on the previous lap.
- 14) If a car needs a second push-off before the start of a race, that car will start at the rear of that race.
- 15) Exception is safety issue.
- 16) A work area will be designated in the pits for any modifications to be done during a yellow/red flag. No allotted time will be allowed in the work area. When the field is given the one lap to go signal before the restart, any car(s) in the work area will no longer be able to rejoin the field. Any car that goes one or more laps down while in the work area will be finished for that event.
- 17) Any driver who works on his/her car or permits any other person (other than a POWRi track official) to work on his/her car on the racetrack surface during a yellow or closed red flag shall be disqualified from that event.
- 18) There will be one attempt at a green-white-checkered finish. If another yellow flag appears the race will be restarted with the green and white flags displayed at the same time.
- 19) Any driver who unbuckles his/her safety belts and exits his/her racecar during any event on the racing surface will not be allowed to continue that event. Exception is safety issue.
- 20) All drivers are required to wear a Snell-approved helmet, fire retardant uniform, protective gloves and arm restraints during competition.
- 21) RACEceiver radios are mandatory. Failure to do so may result in fines and/or other penalties.
- 22) Two-way radios are not allowed.
- 23) Any competitor who willfully ignores orders given by POWRi officials in such a way as to bring potential harm to another competitor, official or fan will be expelled for the night and disqualified from competition at that event.
- 24) All cars must be equipped with adequate seat belts, shoulder harness and crotch strap. POWRi strongly recommends a five-point hookup with 3-inch belts no more than 2 years old.
- 25) Containment seats, head-and-neck restraints and rock screens are strongly recommended. Your safety truly is in your own hands.
- 26) **Rain-outs:** If an event is rained out prior to the completion of all races and rescheduled for a later date, the draw fee shall be rain-checked for those who have already paid. At the rescheduled race, all races shall be re-run and all drivers will redraw for starting positions. In the event no races have been run and the event is not rescheduled, draw fees shall be rain-checked for use at the next scheduled POWRi event. If an A-Main event is interrupted at any point due to inclement weather, the race may be declared complete based upon officials' discretion. The finishing positions will be paid according to the last officially scored lap by the leader before the red flag.

Closing Statement:

We will make every effort to be consistent with our rules regardless of whom or what is involved. We will treat all participants with respect and in return we expect similar treatment. Sportsmanship goes beyond the racetrack. Remember what you say, type, and do hold weight and may result in consequences. Drivers shall be held responsible for actions of their crew members. We do our best to present POWRi and its competitors in the best light possible. Be aware that your actions may have effects on the perception of POWRi. We advise you to think before acting on impulse.

Muffler must be ASCS-WoO 78 Muffler.

Temporary non-high temperature paint

