

OCRS 2025 Rule Book



SECTION 1 – GENERAL INFORMATION

This document contains the official rules and car specifications for all events of the Oil Capital Racing Series. Any point not covered herein shall be resolved by the OCRS or their appointed representative.

1. All cars MUST display the official decals of major OCRS sponsors. OCRS and AmeriFlex, or any other designated sponsors to be eligible for contingency and point fund. **Top Wing AmeriFlex decal is mandatory to receive any nightly points, nightly payout and point fund monies.** Decals shall be provided free of charge by OCRS.
2. All drivers participating in an OCRS event will pay an entry fee of \$20 per show payable at draw.
3. There will be special events show during the year that do not follow these formats. You will be informed of specific procedures. All racing programs are subject to change. Any such changes will be covered at the drivers meeting.
4. Raceceiver Radios are mandatory; we reserve the right to penalize drivers that don't run a Raceceiver. No two-way radios will be allowed. Any driver who willfully ignores orders given by OCRS officials in such a way as to bring potential harm to another competitor, official, or fan will be expelled for the night.
5. In the event a two-day race is scheduled, the first day will be run with the same format as the second. Lock-ins will not apply from the first to the second night of competition. Some multi-day event formats will vary as to allow for full points to be awarded.
6. OCRS points shall be awarded to drivers in accordance with the following schedule. OCRS will award points for Heat Races, Semi Features and A-Feature events.
7. OCRS Sprint Car Series Point Structure

Heat Race Points	
1.	10
2.	7
3.	5
4.	3
5.	1

A Feature Points							
1.	150	6.	129	11.	114	16.	104
2.	145	7.	126	12.	112	17.	103
3.	140	8.	123	13.	110	18.	102
4.	136	9.	120	14.	108	19.	101
5.	132	10.	117	15.	106	20.	100

- In the even that more than 20 cars start the A-feature, any driver in position 21st or beyond who takes a competitive green flag will receive 100 points.
- 85 points will be awarded to all drivers that take a competitive green flag but fail to qualify for “A” feature.
- 50 points will be awarded to all drivers if a show is canceled following the completion of the night’s draw in.

All races will run as OCRS officials feel is to the best interest of the race program.

Point Fund: Drivers must be in good standing of OCRS (competing in at least 80% of events) and shall be present at OCRS annual awards banquet to qualify for any point fund money. Drivers must run between 80% and 100% of a season to be eligible for contingencies or to be considered for Rookie of the Year.

SECTION 2 – Event Format

1. Heat race lineups will be determined by random pill draw. Draw is held before the Driver’s Meeting at the OCRS competition trailer. Any driver failing to draw for heat races **OR** fails to pack racing surface (when requested) will not receive passing points, only points accumulated through their finishing position in their heat race.
2. The number of heat races will be based on car count. The lowest number drawn goes to the pole of the first heat race, the next lowest drawn number goes to the pole of the second heat, etc. Once pole position in each heat is filled, the next lowest number goes to the outside front row of the first heat, etc. If there are an uneven number of cars to equally distribute between heats, the last cars will be placed at the back of the lowest numbered heats. Again, any cars not represented at the time of draw in, shall be placed at the rear of a heat race.
3. The top 6 drivers in overall event points will race the 6 lap Puro Clean dash for cash in order to determine the lineup for the first three rows of the events Ameriflex Hose and Accessories A feature. The high point driver after heat races will draw to determine the invert for the dash. A 0, 2, 4, or 6 will be drawn. 0 means no invert, 2 mean top 2 invert, 4 means top 4 invert and 6 means top 6 will be inverted.

4. The passing point system will be used to determine starting positions 7 - 14 in the "A" feature (see below). The remaining balance of drivers will be lined up into one or 2 "B" features based on passing points. If one "B" top 6 transfer, if two the top 3 from each transfer
5. In the event of a tie in passing points, tie breaker goes to the early heat. Passing points will be figured on the actual starting position on the final parade lap.
6. A car and driver qualify as a team. Each driver can qualify only one car. No driver will be permitted to change cars after draw has been completed. An exception to this rule will be in a two-day race.
7. OCRS or their representative will advise drivers of the make-up of the number of heat races, main events, field maximum size and other pertinent information at the drivers meeting.
8. The Official lineup is when the caution lights go out on the final parade lap. In the event a car drops out of the line-up for mechanical reasons, the balance of the field shall move straight forward. The exception being if 2 cars drop out from same row, then following cars will be crisscrossed.

Passing Point Scale

		START											
		1	2	3	4	5	6	7	8	9	10	11	12
FINISH	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
	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

SECTION 3 - FLAG PROCEDURES

Yellow Flag

- All cars stopping on a yellow, will be placed on the rear of Restarting line-up. An area will be designated (usually the pit area) for any work to be done during a yellow/red flag. Cars remaining on racing surface that can restart without service will be placed on the rear, in the order they were running prior to yellow flag. Any car that goes one or more laps down while in the work area or pit area will be out for that race.

- Any driver who works on his car or permits any other person (other than a track official) to work on his car on the racing surface, during a yellow flag, shall be disqualified for that race.
- If a car needs a second push off, after any cars have started, he will start at the rear of that race. Any car losing a part that causes a yellow will be placed at the rear of the field.
- Any car that is involved in two unassisted yellow flags will be disqualified for that race.
- All races will be ended on a green-white-checkered flag.

Red Flag

- All red flags are closed unless opened by the OCRS Competition Director. Cars that the red flag was thrown for and any other cars that change any tire will be placed at the rear of restarting line-up.
- All others will get the position they were running in prior to flag, if ready to join restarting line- up when called provided they went to designated red flag work area.
- It shall be the decision of the flag man and OCRS as to what cars flags were displayed for, and their decision is final.
- **Note:** Any car changing any tire during red flag will be placed at rear. (Wheel spacers may be changed if monitored by OCRS officials).
- A race is not considered complete until the checkered flag appears. If a yellow or red flag must be thrown after the checkered flag appears, the race is officially over, and the payoff will be done in the same manner as a yellow or red flag realignment.

Restarts

- Restart line-ups will be double-file using the choose cone until five laps remain in the A-feature. With five or fewer laps to go, restarts will be single file. Lapped cars will maintain their position in the line-up until five laps remain in the A-feature. The choose cone will be placed on the front stretch, allowing drivers to select either the inside or outside starting position by passing to the left or right of the cone, once instructed by race officials. If a red flag is thrown during a double-file restart before a lap is completed, the following restart will be single-file. In heat races and the B-feature, only one double-file restart attempt will be made; all subsequent restarts will be single-file.

- On a single file restart, lapped cars go in line where they were running until 5 laps to go in the A-Feature.

WORK AREA

- OCRS will have designated work area. During the A-feature only you will receive one minute in the work area once the car has made it to the work area AND lineup is set on the track. Only cars involved in the yellow or red will be allowed time. If a car was not involved in the caution, there will be NO time given for that car. Once the A-Main reaches the half-way point of the race, there will be NO time given for the remainder of the race. Work Area will be posted on the lineup board as well as announced at the Driver's Meeting.
- Any driver who fails to display proper judgment when a caution or red flag is displayed will be subject to immediate disqualification for the night.

SECTION 4A – ENGINE RULES (CHAMP SPRINT OPTION)

4A.1. 368 Cubic inch maximum displacement. Steel blocks only. Flat top pistons only, (no protrusions above piston face), No internal reciprocating parts made of aluminum or titanium or anything other than steel. Water pumps to remain in the stock location and must be belt driven. Wet sump oil systems only, no external oil pumps or tanks of any kind. All competitors' engines are subject to inspection by OCRS at any time. No crank trigger ignition systems allowed. Any steel rod or crankshaft may be used. No titanium engine part will be allowed except valves and valve spring retainers. Camshaft is optional. No overhead cams. Gear drive ok. All oil pans must have a one-inch inspection plug on the upper half of the oil pan above the oil line and windage tray. Pans without plug will be subject to pan removal at any time.

4A.2. Cylinder Heads

OCRC Brodix specified cylinder heads part #

Chevrolet

SP-CH*

Ford

SP-FO

Mopar

SP-MO

*Brodix IMCA Spec head that compares to SP-CH is ok. Straight plug only.

1. All spec heads will be supplied with CNC bowl blend and intake matching from Brodix.
2. No grinding or blending of CNC work is allowed.

3. No grinding or polishing of any kind is allowed anywhere on the castings. **Unaltered heads only, no casting blemish heads allowed.** Note: Polishing only is allowed in the combustion chamber.
4. No use of any substance that may change or alter the shape or size of the ports or combustion chambers is allowed.
5. Valve seats and guides are to remain as manufactured and in the cast position, valve must stay on the valve seat and cannot touch aluminum.
6. Valve angles are to remain as manufactured. The original seat center locations as provided by the manufacturer may not be altered.
7. No tapering or reshaping of the valve guides is allowed.
8. No minimum combustion volume.
9. Serial #'s must remain on the head and must not be altered or defaced.
10. No welding modifications are allowed to the original castings. Brodix will provide repairs and recertification.
11. Valve stem may be no smaller than 11/32.
12. Bow tie heads are illegal and casting #25534371C are illegal!
13. Lawton Speedway Limited Sprint engines are allowed.

The ONLY steel cylinder heads allowed for competition in an OCRS event is original production for Chevrolet only. These heads must be straight plug castings that were produced for cars and light trucks. Casting # 461x are illegal as with any angle plug cylinder head. No aftermarket steel or aluminum cylinder heads are allowed other than the specified head. Porting or Polishing of the steel stock production head is legal. Ford and Mopar cylinder heads must be the specified Brodix head. Shaft mounted roller rockers are ok.

4A.3. CARBURETORS

One 500 cfm Holley 0-4412 5-point check legal carburetor

Venturi Bore Primary	1.373-1.377
Booster O.D.	.620 (+or-) .010
Booster I.D.	.380 (+or-) .003
Booster Height or Length	.434 (+or-) .010
Throttle Bore	1.685-1.687
Throttle shaft & Plate thickness Pri	.1868-.2008

These dimensions will be checked with a go-no-go gauge.

- **Carburetors must have bowl with functioning float, needle, and seat.**
- **No Willy's Super Bowl or similar type floatless bowl systems.**
- Carburetors with injectors inside are illegal.
- No air leak device of any kind.

4A.4. INTAKE MANIFOLD

OEM or stock type cast aluminum allowed. May be ported only to match heads. No welding, grinding, cutting, porting, polishing anywhere on intake EXCEPT for one inch maximum inside intake runners to match heads. No plastic manifolds.

SECTION 4B – ENGINE RULES (305 OPTION)

4B.1. All 305 engines must be sealed with serial numbered seals before they are permitted to compete. Personnel certified to seal engines are available throughout the country. The bolts must be drilled for sealing wire on 2 adjacent cylinder head bolts on each head, 2 intake bolts, and 2 timing cover bolts. All logo and trademark stamps must be intact at time of inspection.

1. Only the following engine blocks will be permitted. GM 305 V-8s with the following approved casting numbers: 361979 460776 460777 460778 14010201 14010202 14010203 14088551 14016381 14016382 14016383 14094766 355909 14093627 14101147 10243878 4715111 10046164 14102058 A specific Dart Machinery block, competition is the "Little M" "B" block: pn. 31151411.
2. Ballast weight will not be permitted in cars that utilize a lightened block.
3. A maximum of 315.9 cubic inches will be permitted (+/-0.0). Stroke 3.480"(+/- .020) Max bore 3.801. If 3.5" stroke, max bore is 3.790 Bore: Plain cast iron. Sleeves will be permitted for repair only.
4. Only flat top pistons with valve reliefs will be permitted. Pistons may not protrude from cylinder bore.
5. Only an iron or steel crankshaft, with a minimum weight of 48 lbs. will be permitted, (-1%). The main bearing diameter will be 2.450 (-.030). Weight added to crank except balance metal, which must be welded in place, will not be permitted.
6. Only 5.700" steel connecting rods, with a rod journal dia. 2.100 (-.030) will be permitted. Oil pan may be removed for inspection at any time, or the inspection hole may be used.
7. Only chain cam drives will be permitted. Variable cam timing will not be permitted.
8. Only plain hub or SFI approved damper will be permitted. The water pump must remain in the stock location.
9. Only solid .842 diameter ferrous metal flat tappets will be permitted.
10. Only a cast iron cam, with a firing order of (18436572) will be permitted.

11. Only a straight wound spring with a flat damper, that conforms to the specifications will be permitted. PSI @ seat 90-120#, @.500 lift 330-355#, Inst. Ht. 1.700 -1.820, Dia. 1.262 +- .005, Wire dia. .193 +- .002, Free ht. 2.130 max. 1.950 min., 5 full coils +/- 1/8th turn as measured from tail to tail.
12. Only vented, wet sump, in pan, oil systems will be permitted.
13. Only rockers centered on & retained by the 3/8" rocker studs will be permitted.
14. The maximum valve lift permitted is: (.510" int. .535" exh.) @ zero lash @ valve retainer. Only standard size & configuration, 7-degree retainers and keepers will be permitted.
15. Stud girdles, rev kits, or valve train stabilizers, will not be permitted:
16. Repositioning, boring or bushing of cam or lifter bores will not be permitted. The maximum cam diameter will be 1.869 + .002.
17. Only valves that conform to the following, configuration, length & weight will be permitted. The sizes are as follows: stem size 11/32", Intake 1.94" .008 stem undercut. Exhaust 1.60", Orig. stem undercut to .315.
18. Ferrous material only: Valves, Seats, Retainers, Keepers, Push rods, Springs, Tappets, Cam, Crank, Rods, Wrist pins, Fasteners, Main Caps. Materials and processes including, but are not limited to; Titanium, Inconel, Ceramics, DLC, Nikasil, will not be permitted.
19. Only point type Magnetos, or Kettering style ignition, will be permitted. Only naturally aspirated, constant flow fuel injection will be permitted.
20. An additional 100 lbs. penalty will be added to the minimum car weight for use of any electronics, including but not limited to: ignition, ECU's and/or active driver aids.
21. SPEC cylinder head: Alterations of any type will not be permitted. Machining, milling, resurfacing, grinding, polishing, welding, acid, or caustic work, shot peening, glass beading, coating, or any other process that will alter the machined surfaces or the natural sand cast finish, will not be permitted. The cylinder head must retain all original dimensions & configurations including Valves, springs, retainers, stems, & guides. Only re-seating the valves is permitted. Top cuts that extend into the aluminum of the chamber will not be permitted. Under the seat relief cuts, will not be permitted. Alterations to as delivered throat size, 1.810 Int. & 1.345 Ex. (+ .000 - .005) will not be permitted. Bowl changes will not be permitted. Every dimension of these heads has a gauge dimension that must be met for them to be certified. Any changes will result in disqualification. The stamped identification marks may not be altered.

22. Compression Ratio: 10.25 to 1 will be the maximum allowable compression ratio. The compression ration may be checked with a whistle, or by measuring the volume of the assembled cylinder using liquid. The absolute minimum assembled cylinder volume measured at Top Dead Center (T.D.C.) is 70 cc. Any type of surfacing the heads will not be permitted without a repair authorization. Original serial numbers and certification marks must remain intact. They may not be altered or obscured. Any & all repairs MUST be pre-approved, and the cylinder heads must be re-certified. If any spec head is found to be modified; it must be replaced with a certified spec head.

SECTION 5 - CAR SPECIFICATIONS

1. Sprint car appearance-The minimum wheelbase is 80” with a maximum of 95”.
2. The minimum weight with a driver after race: 1500 lbs. Any ballast must be securely bolted and located between the front motor plate to 12" behind rear motor plate. Ballast will not be permitted when using a lightened engine block.
3. Ballast will not be permitted in the rear bumpers and rub rails, which must be steel, with a maximum wall thickness of .095.
4. **Tires:** Only Hoosier ASCS 105 Medium Right Rear tire & Race saver, OR American Racer product number J5JNN will be allowed. Open Left Rear tire rule (along with front tires) providing they are tires manufactured for sprint car dirt track racing. Bleeders allowed. A right rear bead lock is required. At the request of our insurance, all mud plugs must be the foam type, or securely 5 dzus or 3 bolt mud cover. Outer mounting tabs must be integral to the wheel or bead lock or be securely welded to the wheel. Tire bleeders are allowed. No on board supplied air systems of any kind.
5. **Wing(s):** The main wing may have a maximum of 25 sq. feet, 60"- wide, with 30"-inch x 72"- inch side boards. **Flat Top or Dished Center Sections allowed. No wicker bill allowed on a dished wing, maximum 1” wicker bill allowed on a flat top wing.** The front wing must be a maximum of 2'-feet x 3'-feet with the leading edge no more than 6”-inches ahead of front tires.
6. Mufflers are required at all events. Mufflers are required to be unaltered store-bought mufflers. Loss of muffler will result in disqualification for that race.
7. Cockpit adjustable wings, shocks, or weight jacks will not be permitted.
8. **Steel, Aluminum or Titanium brake rotors only.**

9. Open drive lines will not be permitted. Safety hoop or strap is required. Center section of the rear end must be centered within the rails. A drag link retaining strap is required.
10. A fuel tank & bladder assy. or Fuel Safe enduro cell meeting FIA-FT3 & SFI Spec. 28.1 is required. A main fuel line shut off is required. An on-board fire suppression system is recommended.
11. Only pure methanol is allowed. Additives of any type will not be permitted. Fuel is subject to chemical analysis.
12. Safety bars set forth by the Sprint Car Council are highly recommended with the Oil Capital Racing Series.

SECTION 6A – TIRE PENALTIES AND INFRACTIONS

1. First offense for the season: Fail heat race durometer inspection and you can start tail end of an assigned B-Main event. Fail B-Main pre-race inspection and you will be finished for the night. Fail A-Main pre-race inspection you won't be permitted to start the A-Main.
2. Second offense for the season: \$1,500.00 Fine and 300 points plus any winnings that have accrued for the event, violator(s) will assume all costs included in any testing procedures, no points and no money will be awarded for that event.
3. Any driver changing an engine after taking a competitive green flag will drop to the back of their race they qualified for. If a driver qualified for the A-Main, they will fall to 14th in the starting lineup. In the event there is no B-Main, the driver will start 14th as if there was a B- Main.

SECTION 6B - CHEMICALLY ALTERED OR DEFACED TIRES

1. First offense for the season: \$2500 Fine, no points, no winnings, and the Driver and/or Crew Chief assume all costs of testing procedures. If tires are found to be legal, OCRS shall assume responsibility for the cost of testing.

SECTION 7 - SAFETY

1. Any driver who exits their car and approaches another driver on a live racetrack **may be** subject to a fine of \$1,000 **and/or** be suspended for two OCRS sanctioned events. The offending driver will also forfeit their winnings for the night. This also includes family and crew members entering a live racetrack. Under caution, stay in your car. If you are in an unsafe situation, you may exit your car but stay with your car. Dark tracks and dark fire suits make you hard to see. Remember, actions done in anger can have

dire consequences. A driver/team who willfully ignores/disobeys an OCRS official in a manner which delays the running of the night's program, or places others in danger, will also be subject to a fine of \$1,000 and/or may be suspended for two OCRS sanctioned events.

2. All drivers are required to wear SNELL approved helmet, a fire retarding uniform, protective gloves, and arm restraints during competition. Fire retardant underwear is highly recommended.
3. RACEceiver Radios are mandatory; we reserve the right to penalize drivers that don't run a RACEceiver. No two-way radios will be allowed. Any driver who willfully ignores orders given by OCRS officials in such a way as to bring potential harm to another competitor, official, or fan will be disqualified for the night.
4. All cars must be equipped with adequate seat belts, shoulder harness and crotch strap. OCRS strongly recommends a five-point hookup with 3-inch belts. Full Containment Seat is highly recommended.
5. It is highly recommended, that the Steering Wheel is secured with a pull type, quick release hub or button style, quick disconnect. Use of removable pin style hubs is not recommended at all due to high risk of failure. It is the driver's responsibility to make sure the steering wheel is securely attached before entering the racing surface. Your safety is truly in your own hands.
6. An onboard fire suppression system is highly recommended on all cars with nozzles positioned as to coat the Engine, Driver, and Fuel Cell.
7. Approved front axle tether systems are highly recommended. The tether mounting must meet the SFI 55.1 specification which includes two (2) Vectran® HS V-12, or Dynemma 12 tethers attached to the chassis. Tether systems must include a "king pin to king pin" tether that will attach to the axle clamp/band. Tether cables should be installed using the manufacture's provided fasteners. Tether systems of any type must be pre-approved and installed in accordance with the manufacturer's instructions.
8. If utilized, a tether is required on both left, and right sides of the Front Axle. Tethers must be mounted from the Front Axle, just outside the Radius Rod hookups on both sides of the Front Axle, utilizing the aluminum mounting brackets provided by the manufacturer. Tethers must extend to the second upright of the frame and be attached below the front engine mounts. Tether must be attached with a slipknot around the upright. Crews cannot alter the intentions of the Axle Tethers.
9. If a car needs to be fired in the Pits, the person in the car must be in full safety gear with seat belts properly attached.

10. No flammable liquids allowed in the cooling systems.

11. Rough driving will not be tolerated. The Race Director has the final call on all incidents.

SECTION 8 - PROTEST

1. Protest will be taken only from a driver or car owner and then only if the protest is in writing and accompanied by the appropriate protest fee in cash to OCRS officials. In the event the protested car is found to be legal, the protest fee shall be given to the owner of the car protested minus a fee that shall be paid to the inspector.
2. All protest must be filed within ten (10) minutes after the completion of the last race of the evening. All protest shall be decided upon by OCRS or his representative. Any appeal of official decision must be filed in writing within ten (10) minutes of notification with OCRS and forwarded to the OCRS. Protests can only be filed by OCRS members. Protests will be forwarded to the OCRS Board of Directors whose decision shall be final.
3. No protests will be accepted on judgment decisions.
4. In the event a car is protested and found to be illegal by the inspector, the driver and car protested shall have all points and money forfeited that were won during that race program in question and may be suspended.

Protest Fees

- Motor tear down: \$1,500
- P & G fuel test \$800
- Other technical protest: \$500

SECTION 9 – SPORTSMANSHIP

Sprint car racing is a very emotional sport. As such, good sportsmanship is the key element of any competitive racing program. This must include respect for all participants – drivers, owners, girlfriends, wives, mistresses, pit crews, and officials. For our part 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 expect similar treatment in return. A racer's pit area is his castle – therefore please stay out of other racer's pit areas, especially after an incident where you have been involved with that racer. Drivers – remember that you are responsible for the actions of your crew. As such, any member of a team who verbally or physically assaults an OCRS official will be fined and/or suspended from competition.

Sportsmanship does not just pertain to activities at the track. Be aware that we do our best to present OCRS and its drivers in the best light possible. We expect our drivers to do the same. Remember what you say has weight, what you type has meaning, what you do has consequences. Think before you lash out and refrain from posting to social media. You never know who is reading, listening, or watching.

OCRS RESERVES THE RIGHT TO CHANGE ANY RULE AT ANY TIME IF NEEDED.