

2020 Rules & Specifications



Revised 12-9-19

The guidelines 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 guidelines shall govern the condition of events and participation therein. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE GUIDELINES AND/OR REGULATIONS.** They are intended as a guide for the conduct of events and are no way a guarantee against injury or death to a participant, spectator, or official. The director of competition, or his authorized designate, shall be empowered to permit minor deviation from any of the guidelines and/or regulations herein, or impose any further restriction which, in his opinion, does not alter the purpose of the organization. Deviation of these guidelines and/or regulations will be the responsibility of the series officials whose decisions are final.

I CONDUCT

1. Upon admittance to a restricted area, all participants must conduct themselves in a manner not detrimental to stock car racing. Profanity in front of race fans, officials, management, profane signs or writing on cars, etc., will not be tolerated and may subject the offending party to penalties. Conduct in Social Media deemed detrimental to CRA, its tracks or sponsors may subject the driver or team to sanctions. **UNSPORTSMANLIKE CONDUCT AND/OR CONDUCT DETRIMENTAL TO THE SPORT OF AUTO RACING WILL NOT BE TOLERATED.**
2. General appearance of drivers and crews must be neat and clean looking.
3. A competitor that stops his or her car on the track to argue or discuss an incident with the starter or other officials may be subject to penalties.
4. Verbal or physical abuse of officials, including improper language or actions will result in sanctions from the series.
5. Fighting will not be tolerated. Drivers/owners will be held responsible for the conduct of all persons connected with their car, and violations will be dealt with accordingly. Any person from a crew, including the driver, going to another pit area where any altercation erupts, will be considered at fault and will be subject to penalties.
6. Any driver who, in the judgment of series officials, engages in rough driving, deliberately running into, blocking or swerving in front of another car - may be subject to penalties. Any car intentionally blocking the track will subject the owner and driver to immediate and indefinite suspension from the series.
7. Any driver who intentionally causes a caution condition, without safety being an issue, by stopping, spinning, or any other action, is subject to 2-lap penalty.

II COMPETITION RULES

A. Finishing Positions

1. Finishing positions will be determined according to the most laps completed (including those earned through announced race procedures) in the least time, regardless of whether the car is running.

B. Finishing Position Protest

1. Protests to finishing positions in any race must be made within fifteen (15) minutes after the un-official results are posted (**race monitor applicable**). Such protests must be in writing and must be given to the Chief Scorer or Race Director.
2. Scoring re-check decisions are final, and can not be appealed or litigated.

C. Inspections, Mechanical Protest

1. Series officials may require an inspection of any vehicle at any time. Vehicles placing in the first five positions must present themselves at the inspection station immediately after the conclusion of the feature race for such inspection and must not work on the car in any fashion until told to do so by a technical official.
2. A competitor must take whatever steps are required, including a complete tear down of the car, as requested by series officials to facilitate inspection of the car.
3. Failure to present a car for inspection when requested to do so, or refusal to take steps requested by series officials, will be considered an admission of guilt and will be grounds for disqualification.
4. Protests regarding alleged mechanical infractions must be made prior to the feature race being called to the track for the official lineup. The written protest must specify, in detail, a single, specific part or rule that is in violation, and be given to the Chief Technical Inspector or Race Director, along with a fee of \$300. Mechanical inspection with respect to such protest will be made following the feature race. \$75 of the fee will be retained by the series for administrative costs, with the remaining \$225 going to the winner of the protest. Post-Race Body infractions are the responsibility of the tech inspector and protest of them are not allowed.
5. A protest may only be filed by a competitor in the same feature race.
6. Officials have the right to confiscate and keep any illegal parts or components.
7. Lab testing of tires may be done at any time.

D. Penalties

1. Penalties for violations of the rules are determined by the gravity of the violation and/or its effects on fairness of competition. They may also be weighted as to discourage future infractions of a similar nature. Penalties may include, but are not limited to, lap penalties, position penalties, disqualification, suspension of license, posting of bond,

fines, and/or loss of points. A suspension may be for a determined period of time, number of events, indefinite or remainder of a season.

E. License Fee

1. In order to compete in any CRA Series for points awards or specified additional awards, drivers and car owners must purchase a Champion Racing Association license. An owner/driver must register a number with the series. The listed owner must be the same entity who receives the purse check.

F. Racing Rules

1. Non-member entries will be a minimum of \$25 more than member entry fees.
2. When supplied, teams are required to use uniform patches and car stickers in their designated and mandated position. Failure to do so may result in a minimum penalty of \$100 or up to 10% of their purse for that event. Teams must also leave the top of windshield, front fenders and first 18" of the door for use by Series sponsors decal stickers (subject to penalty above if not the color/dimensions supplied by Series). Select windshield sticker and fender/door decals may be absolutely required to participate in an event.
3. Normal CRA programs will consist of practice, heat races, and a feature. Qualification results will be determined from practice times. Officials may institute a .3 second breakout rule later in the season if it deems necessary.
4. Normal procedures call for the fastest twenty (20) cars in qualifications to be automatically transferred to the feature, to be lined up in order of the inversion drawn by the fast qualifier. Inversion draw can be a minimum of a Five (5), up to a maximum of a Ten (10) car inversion (maximum invert is half the field). Positions 21 - 22 will be the two owners highest in series points who have not yet qualified for the feature. Positions 23-24 will be the top two finishers from the last chance race.
5. Individual track promoters have the option to add additional starters to the feature race. These starters will be added to the feature according to qualifying times, series points or last chance race. These may be done at a reduced pay amount.
6. In the event that all cars qualifying for the event will make the event, the entire feature line-up will be by qualifications with the announced inversion.
7. If a promoter agrees to start all cars, above the previously announced number of starters, the field will be set on time with the appropriate inversion. For payoff purposes, the additional starters (at the reduced amount) will be the 2 slowest cars that aren't the 2 highest in points in qualifying positions 21 and slower.
8. A driver may qualify only one (1) car, and a car may be qualified only one (1) time for a race program. If a car is scratched following a successful qualifying attempt, a driver may qualify another car, provided that car has not yet qualified.
9. A driver, with his car, must either practice or qualify, to be eligible to start the feature. The only exception is with prior approval.
10. All driver changes from the time registration starts, must be reported to a series official prior to that driver taking to the track. Any driver change prior to start of a race and after qualifying will result in that car starting at the rear of the field.
11. No team may use a points-based starting position if they do not have a car in the pit area that is capable of competing.
12. Lineups for races and qualifying order will be posted in a conspicuous location. It is the responsibility of the driver to check his or her starting position and be ready to race when called for an event. Cars not ready to race may be placed at the rear of the starting lineup or disqualified from the event.
13. The starter may start any event whether all cars called are ready or not.
14. Any car that loses a wheel, has a hood or trunk lid come off or open, or is observed dragging dangerous parts, or dropping any fluid, is subject to disqualification at the discretion of the officials.
15. Driver must remain with any disabled car to assist track removal.
16. Officials may alter the rules or procedures at any time in the interest of fairness and/or safety.
17. Transponders must be on cars at all times when they are made available.
18. Radio communication is allowed. If a driver uses a radio, the spotter is required to monitor race control. If a driver does not utilize a radio, he/she must utilize a scanner to monitor race control.

G. Eligible Drivers

1. Drivers must be age 10-15. A 15-year old may be able to complete that season if they turn 16 after June 30. Drivers must have extensive racing experience in quarter midgets, go carts, mini sprints, compacts, street stocks or other CRA approved divisions to be considered for eligibility. Drivers with experience in racing divisions that CRA considers beyond those mentioned above will not be allowed to compete. All drivers will be required to submit a detailed racing resume, and will not be allowed to compete until approved by CRA.
2. Towards the end of their Junior Late Model career, drivers may be allowed a few opportunities to test their skills in higher levels of racing, without jeopardizing the Junior eligibility, but only with prior written approval from the CRA series director.
3. Championship drivers may be ineligible to return the following season.

H. Eligible Owners & Point Standings

4. Separate owner and drivers point standings will be kept for the sole purpose of determining a different driver's champion, if necessary.
5. 2020 point fund and contingency awards will be paid based on final owners point standings. Driver's standings will be kept for media and statistical purposes only.
6. Only legitimately earned points will be kept for car owners. Efforts to circumvent the rules of car ownership will not be rewarded or tolerated. A legitimate effort is defined as being represented by the normal driver of that team or a different driver with a car previously ran by that team. (No longer will a team be able to put their number on another car without utilizing their regular driver) Once teams enter the gates of an event, an owner may use another team's car in the starting field and earn owners points only if his normal driver drives the car.
7. All teams who enter a car and present it for competition, but fail to make a qualifying attempt will receive 25 points for their participation
8. Points for the feature results will be awarded in the following manner: 1st-100, 2nd-97, 3rd-94, with a 2-point drop per position to 26th and beyond being 50. The first car to not make the feature based on last chance race results or qualifying, will receive 49 points and each car beyond that one less point for each position. Drivers must start the heat race to keep their starting position in the feature.
9. Any tie in the final point standings of any award will be broke by the highest number of wins, and if still tied, by the highest number of second place finishes, and so on, until the tie is broken.
10. Select points-earning events may be run for "Participation Points Only."
11. The final three scheduled races will be utilized as the playoffs or "Chase". Prior to the start of the three races, the top 6 teams in wins (then points) that have attended 70% of the points events are eligible for the Chase. Prior to the season's LAST event, **the regular season points champion** and the top 2 CHASE TEAMS in Wins (then points) during the CHASE and were at all CHASE events, will race for the season's championship, with the highest finishing team in that event declared the season's champion.

I. Rookie Eligibility

1. Drivers can apply for the rookie program if they have competed in no more than 45% events in one season. Any event where the driver does not complete 50% of the laps will not count towards their total races competed.
2. All rookie drivers must register and be approved by the series director.

J. Practice & Testing Guidelines

1. No team or driver may test at a given facility in the four days preceding a scheduled CRA points event, unless it is an officially sanctioned and announced open practice session. The penalty for a violation is that the driver may not start any better than 16th and no qualifying points or awards will be earned.

K. Number Distribution

1. Teams that wish to reserve a number must purchase a license prior to February 15, 2020. After that all numbers will be secured on first come basis with submission of Membership fee. No duplicate numbers. After sending in your paid membership you must call the office at 812-883-0455 to confirm your number.
2. After the first race, duplicate numbers issues will be resolved with the number being used by the team with the most points.
3. Numbers must be a minimum of 24" in height, with body of each character a minimum of 3" in width and must be professionally placed on each door. A number will be required on top, readable from the infield. A car number at least six inches (6") in height must be placed in the upper right-hand corner of the windshield.

III FLAG RULES

A. Green Flag

1. At the beginning of each race, when the green flag is displayed, the track is "green all over" and all cars may commence racing at that time. On starts and re-starts, a driver must stay in their lane until reaching the finish line.

B. Yellow Flag

1. The yellow flag and lights signify caution, and will be displayed immediately upon a decision by the starter and/or race director that a cause for such action exists.
2. After the yellow flag and lights are displayed, all cars must immediately slow to a reasonable speed and hold position until such time as the green flag is displayed or the red flag is displayed. Racing back to the line under caution will not be tolerated.

3. A pace car will likely be used at the start of each event and during caution laps. No car may pass the pace car unless directed to do so by a series official.
4. Pit crews or officials may not service a disabled or damaged car on the racing surface during a caution flag period.
5. Cars which leave the lineup and pit during a caution flag period, and return during a caution period, will rejoin the lineup at the tail of the field.

C. Red Flag

1. The red flag and lights mean, in the opinion of officials, a situation exists requiring that the race be stopped immediately regardless of position of cars on the track.
2. Pit crews may not service cars on the racing surface during a red flag period.
3. Cars that pit during a red flag period will restart at the tail of the field.

D. Black Flag

1. The black flag is a consultation flag, and indicates that a driver must take his or her car to the pits immediately for consultation with a series official. Scoring will stop on a car which is black flagged until the situation is rectified. Any driver who fails to heed the black flag after it has been displayed twice will lose two laps for every lap run from that point on. Any driver repeatedly ignoring the black flag may face suspension.

E. Layover Flag (Blue with diagonal stripe)

1. The flag is a courtesy flag, and is displayed to indicate to drivers that they are being lapped by faster cars. It will be used at the discretion of officials.

F. Crossed Flags

1. When any two flags are crossed and displayed by the starter, it signals drivers that the leader has completed half the distance of the race.

G. White Flag

1. When this flag is displayed, it signals drivers that the leader has begun his or her last lap. If a yellow or red flag is thrown once the leader has taken the white flag there will be a green, white, checker restart.

H. Checkered Flag

1. When this flag is displayed, it signals drivers that the race (or that segment) has been completed. After the checkered flag is displayed to the leader, the balance of the field will receive the checkered flag in the same lap.

IV OFFICIAL DECISIONS

1. Any situation not specifically covered in these rules will be acted upon by the official or officials in charge at the time, whose decision will be final and binding on all participants.
2. Any disagreement over technical questions or operations will be resolved by series officials. When their decision is made, such decision is final and binding.
3. Continuous developments in racing may necessitate changes which cannot be anticipated at the time rules are formulated. If necessary, rules may be updated, changed, deleted or added to at the discretion of the officials.
4. Officials may use weight penalties for any infractions of these rules in an effort to make a car eligible to compete.
5. At certain events, to encourage participation of local competitors, the officials may alter the rules for those cars, to try and create a level playing field for cars that might fall outside of the normal rules. Official's decisions are final.
6. In the event of an excessive number of caution laps, officials may alter the weight requirement for fuel burn-off.

V SAFETY

1. Approved seat belts and double shoulder harness will be required, no older than five years **or within set specific expiration date**. A crotch strap will be required. Sternum strap recommended.
2. Drivers will not be allowed on the racetrack at any time without proper neck restraints in place. A strap type neck restraint is required at all tracks.
3. **Helmet must be 2010 Snell standard or better (2015 Recommended) and have sticker visible for inspection. Full-face helmets required. In 2021 Only Snell S. A. helmets will be allowed (No "M" rated helmets).**
4. Approved, clean full driving suit and gloves for fire protection are mandatory.
5. Cars must have a working fire suppression system (preferred) or, at minimum, a driver accessible fire extinguisher. Gauges for extinguishers must be easily visible for inspection.
6. Side plate for driver's door will be mandatory. Must be 12 inches (12") high post-to-post, 1/16" minimum thickness steel or 3/16" aluminum and must be fastened with a minimum of six (6) half-inch bolts or securely welded to series' approval.
7. Driver's window must be equipped with safety net with quick release-latch. String window nets will not be permitted. The minimum net size must be 22" wide and 16" high. When latched, the window net must fit and pull tight.
8. Resilient padding designed for roll bar use must be installed on any roll cage member which can be reached by any extremity of the driver while driver is normally seated with restraints fastened. Steering wheel must be padded.
9. All lead weights must be painted white, with the car number painted on each individual piece and be visible from the top. All lead weights must be securely fastened. Any lost weight may result in a \$10 per pound fine. No Tungsten or similar weight allowed!

10. All competing teams must possess a minimum 10 lb. Aluminum working fire extinguisher while in attendance in pits, and this item must be presented at inspection. Car number must be painted on fire extinguisher.
11. A main electrical cut-off switch needs to be clearly marked and easily accessible to safety crews. It must be located on the dash in the center in clear view, or must be mounted on roll bar behind driver within reach of window. "On" and "Off" switch must be clearly marked.
12. Roll cage must be constructed of 1 3/4" OD round steel tubing with a minimum wall thickness of .090". Three inches (3") maximum gussets measured diagonally must be welded in main roll cage area where a 90-degree angle exists or where the roll cage meets the main frame rails. The main frame rails / bolt-on clips must be steel from radiator area to behind the fuel cell.
13. Full containment seats are required.
14. No part of any cooling system may be located in driver's compartment.
15. Batteries must be securely fastened and mounted outside of driver's compartment
16. All cars must have an OBERG, SRI or other Series approved Vacuum Style fuel shut off placed at the point the fuel exits the cell. All rear deck lids must be secured with a quick release type of pin or fastener.
17. A driver that stops on the track should not get out of their car until safety crews arrive, unless a dangerous situation with fire exists.

VI SUBSTANCE ABUSE POLICY

A. Definition

1. Illegal drugs or substances are those substances defined and prohibited by local, state, and/or Federal laws.

B. General Prohibition

1. Possession or use of illegal drugs or drug substances, as defined above, is prohibited in any form by any participant in any CRA Series, either on a host track's grounds or in any area considered to be used in the operation of the event, including but not limited to parking lots, office areas, etc. All crewmembers, drivers and owners are prohibited from being under the influence of alcohol or drugs during an event's scheduled activities.

C. Violations and Penalties

1. Any person found to be in possession of or under the influence of an illegal drug or drug substance on a host track's property, as defined above, or any person who is arrested by duly constituted authorities and charged with possession and/or use of illegal drugs or drug substances, or any person who is formally charged by a court of law with illegal drug violations, may be subject to penalties by the Champion Racing Association Series as follows:
 - a. Suspension from competition and eviction from host track property and denial of further entry to the host track for any CRA Series events for a period of time to be determined by series officials.
 - b. In the case of formal charges being filed in a court of law, upon notification to series Officials by the agency involved, the participant may be suspended from all forms of participation in any CRA series until such time as the charges are fully adjudicated through the legal process.
 - c. In the case of a conviction by process of law, the participant may be prohibited from participating in any CRA Series events for a minimum period of one (1) year from date of conviction.

D. Appeal and Hearing

1. Any participant suspended for violation of these rules may be granted an appeal hearing by a board of officials designated by CRA, provided the suspended participant requests such a hearing, in writing, within fourteen (14) calendar days of the date of suspension. It is the responsibility of the suspended party to make such a request if a hearing is desired.

E. Reinstatement

1. A participant suspended for violations of these rules, except in the case of persons charged with selling illegal drugs or drug substances, may, as the result of a decision reached through the hearing process, be reinstated if it is mutually agreed that the participant, at his or her own expense, will produce documentation from a physician licensed with the state, certifying that he or she is illegal drug independent, as a result of random and periodic examinations and urinalysis testing made at the request of Champion Racing Association officials.

F. Prescribed Drugs

1. If a participant is using prescription drugs on the advice of a physician, such use must be reported to the director of competition prior to the participant's entry into series activities. Failure to notify will subject participant to penalties described in this section.

VII TECHNICAL SPECIFICATIONS

A. Eligible Cars and Bodies Guidelines

1. All competing cars will be full-sized, stock American manufactured passenger car bodies. 2018 A-B-C Body Rules apply unless otherwise specified herein. Refer to A-B-C Rulebook and guidelines for details. Also, no panels allowed extending top edge of doors. No under car panning outside of frame rails and no further than drivers' tub front or rear at the bottom of the frame. Maximum drivers tub length is 52 1/2" and the maximum width of frame is 53 1/2". Any holes in body not being used must be covered

and remain so during the race. The 5 Star 2020 Gen 6 Late Model body is not allowed.

2. A-Pillar vent windows may only have 1/2 inch of straight-line deflection. The surface must be smooth and must not have bead rolls or breaks. Front nose valance may only be a single layer and may only be a maximum 3/16" thick and may be only a maximum of 3" tall **and may not cover any of the grill screen.**
 3. Rub rail are discouraged and may only be used if they are polycarbonate.
 4. If exhaust exits through the door, installation must include an exhaust flange that is mounted flush to the door. Maximum 1/2" gap around the exhaust pipe. Pipe must not protrude through door.
 5. At all times, the ABC "A" measurement must maintain a min. length of 11.5 inches. Also, 20 inches is the min. length allowed for the nose, measured from the bottom, leading edge at center, up to the hood seam.
 6. The air box between the nose and radiator may have no pieces wider than the radiator. The standard opening for the grill screen area, as approved for manufacturers production, must be maintained at all times. Only ABC manufacturers standard mesh screen may be used for the radiator opening in the nose.
 7. No types of under-body air deflectors are allowed. No Blowers of any kind may be used. Air may not be blown or forced onto the tire or bead. Air may only be directed to the brake rotors. The duct work between the nose and the radiator may be no wider than 29" and may not be carbon fiber. The sides and top of duct work must be in straight line...no curving of ducting. **NACA Ducts in 1/4 window must only supply air to a helmet cooler, or other specific item. They may not lead to open blowing in the cockpit.**
 8. Minimum nose/body height is 4 inches.
 9. **Titanium, Inconel or exotic metal are not allowed for use in any way on the race car. No hollowed-out bolts of any kind on suspension components.**
 10. Maximum tread-width measured at spindle height is 78" measured outside of tire to outside of tire.
 11. Interiors must be steel or aluminum only.
 12. No Data Acquisition equipment/wiring is allowed in the car on officially recognized race or practice days. **No digital dashes allowed. Cellphones, smart watches or Bluetooth devices will not be allowed in racecar at any time during qualifying or race, this is an automatic disqualification.**
 13. **Air Jacks may not be used during a break or pit stop during a race.**
 14. No electronic computer devices capable of storing or transmitting information except for recall analog tach. All wire must be visible for inspection.
 15. Scoring transponders must be mounted on outside of the left rear frame rail, behind the tire, in a series approved bracket or bag. Damage caused by improper mounting will be the responsibility of the car owner.
 16. All cars may be required to go through technical inspection prior to car taking to the track for practice. Cars will be weighed with driver, and may be done prior to or after qualifying and prior to or after the feature. Reading of designated scales will be official. Issues discovered in pre-practice tech that are not fixed to satisfaction by pre-qualifying tech will result in the loss of 1 qualifying lap.
 17. Minimum Base Weight: 2750 lbs 58.0% Max. left side weight at all times (without refueling). For post-race total weight rules, if requested by officials, teams may be required to refuel, or officials may utilize "1 lb. per lap" burn-off.
- The only exceptions to the rules above in this section are outlined below:**
18. Stock appearing bodies may be Aftermarket or OEM. Body should be ABC or similar stock appearing body. No outlaw, "Downforce", "Dirt Style" or square-sided bodies or body panels. Steel, Aluminum, Fiberglass or Plastic panels O.K. Standard 5-star or AR pavement short track noses, roof, and rear bumper covers must be used and may not be cut or altered. (Fenders, doors and 1/4 panels MAY BE FABRICATED but must be similar in appearance to those produced by ARP/5Star for these rules).
 19. All parts of car must be high enough to roll over scale ramps and scales freely.
 20. The maximum front overhang measured from the centerline of the front wheels to the leading edge of the nose is 46".
 21. Noses must be centered on car and no wider than 79.5".
 22. The maximum rear overhang from centerline of rear wheels to base of spoiler is 47".
 23. The minimum roof height is 47", measured 10" from front windshield.
 24. The maximum rear 1/4 panel height is 34.5".
 25. The maximum body width at any point is 79.5".
 26. The rear deck should remain relatively flat side to side and front to rear.
 27. Spoiler must be centered on car and may not exceed 6.5" x 60"
 27. All heights measured with driver in car. Four (4) inch frame height measured at the lowest point including cross members.
 28. Tape may not be used anywhere on the car to control the flow of air or seal/secure seams between body panels (unless approved for repairs). Nose must retain full, uncovered, original radiator grill opening.

B. Engine, Carburetor, Headers and Cooling System

1. Only the unaltered Chevy 602 engine with factory and CRA seals may be used. All new engines must be purchased from McGunegill Engine Performance (MEP) which will be exclusively purchased from JEGS. MEP is the series' lone repair and certification partner. Any used engine must be certified through MEP. Any repairs must be done through MEP. MEP is not allowed to blueprint/improve performance of

any new, used or repaired engine. Teams using a certified used engine must carry an additional 25lb weight penalty. **Any team using a factory sealed 602 engine that does not have the CRA certification seals must carry an additional 75lbs. A victory with a non CRA sealed engine requires immediate post-race certification with the team owner responsible for the cost.**

- Engines will be located so the forward most spark plug is no more than four inches (4") from the center line of the upper ball joints
- Engines may not be offset more than one inch (1") from centerline of car.
- Front center of crankshaft must have at least 11 inches of ground clearance.
- No oil coolers or remote filters allowed.
- The only carburetor allowed is the Holley Quick Fuel #SL-600-VS. Carburetor must be box stock and unaltered, other than described herein. Choke mechanisms may be removed. Jets and air-bleeds are the ONLY parts that may be changed. **Teams may lock the secondaries.**
- All teams are required to use an un-altered 1/2" thick All-Star Governor, Part #26180 with the 1.000" inserts. Maximum of 2 gaskets .062" thick each. No additional spacers may be used.
- A maximum 16-inch (O.D.) air element and housing must be used. No cowl induction. Must have steel or aluminum top and bottom lids only.
- No adjustments may be made to the carb/restrictor package following qualifying. Teams will race with the same package they qualify with.
- The only headers allowed are the Schoenfeld part #135CM2. It must be finished with exhaust kit part #3031K. Exhaust must remain tubing only, no types of inserts or modifications allowed.
- No pressurized cooling systems. Radiator must be 2 row 19" X 26" minimum.
- Only the spec alternator Allstar Part #80501 may be used.**

C. Fuel System

- Sunoco Purple 110 is the Official Fuel of CRA.** Fuel samples may be taken at any time and tested. Alcohol, nitro-methane, nitrous oxide, other oxygenating agents, other additives and/or fuels that contain masking agents or oxygen are not permitted. **Street-use pump gas is not allowed.** Use of such substances or additives will result in immediate disqualification. The only other fuels allowed will be the standard racing fuel used at the track hosting that event, in the event it is not the announced spec fuel. Use of any fuel that contains oxygen is prohibited!!!
- No electric fuel pumps or forced induction of any kind are permitted.
- No icing or cooling of fuel system.
- A fuel cell will be mandatory with a 22-gallon (U.S.) maximum. Fuel cell must have a minimum of eight inches (8") ground clearance. Fuel cell must be equipped with at least two (2) protective straps completely around the cell. Fuel cell must be mounted securely behind the rear axle of the car. Cars must have a minimum 1/8" steel plate, or similar strength aluminum plate, between fuel cell and rear end. A similar plate at the rear of the fuel cell is recommended. All cars must have safety bar at the rear of the fuel cell. At a minimum, all fuel cell configurations must include a rubber type cell in a steel container. No "U" Shaped Fuel Cells or non-standard-shaped fuel cells.

D. Ignition

- Battery powered ignition. Vehicle MUST start under own power.
- Max. 12 Volt Battery and system. No Alternators allowed.
- All wiring must be sealed. No unplugged wiring. All ignition boxes must be mounted on the passenger side, in plain view, and out of reach of the driver...and...all wires to the distributor must be run separately and not part of a bigger loom or wiring harness.
- All teams must only use ONE FAST Cams Ignition part# 6000-6700 (HI-6RC) and a Coil part# 730-0192 (PS92N), mounted on a tray as specified at cra-racing.com. **Maximum rpm is 5800.** Rev limiter must be operational at all time and rpm dials securely covered. One ignition box only.
- All teams must use the All-Star part # 81220 distributor and must be locked with no mechanical advance.

E. Suspension

- Rear suspension must be solidly mounted. (heim joints only, no rubber bushings). 3-link suspension only. No fifth (5th) coil, or lift bar suspensions will be permitted. No birdcage set-ups or wrap around trailing arms of any kind. Trailing arms must mount under the rear end tube in a solid fashion (heim allowed) at the 6 o'clock position. No part of the trailing arm mounting may freely rotate around the rear end. All parts of rear suspension must be solid, one-piece construction with no moving parts, with one heim at each end. All mounts for trailing arms, third links and track bars must also be solid and may not have the ability to move.
- The wheelbase difference from left to right may not exceed 1/2 inch.
- No driver adjustments other than ONE adjuster for brakes.
- Coil Springs and Spindles must be Steel. (Exception: approved Coleman Spindle). Springs must be standard rated and can not exceed \$100 standard retail price.
- No bump-stops/rubbers, compression/rebound limiting or coil bind set ups allowed. No chains, bolts, strap devices, or anything similar, to limit or stop suspension travel allowed. No pre-loaders. One conventional (single coil) spring rubber per spring allowed.
- No traction control devices of any kind, electronic or otherwise, will be permitted. Use of traction control will be cause for immediate D.Q. and suspension from series.
- One shock per wheel. Shocks must be only mechanical in nature and no part of suspension or shocks may utilize electricity.
- Cars must utilize standard hubs. No oil filled or similar allowed.

F. Shocks

- The only approved shocks are the Koni Shocks listed below:

Koni Model #	
KON30-7325	KON30-7436
KON30-7499	KON30-7647SP1 (also the original KON30-7647)
KON30-9325	KON30-9436
- No changing or altering shocks in any way. Altering the shocks will be subject to disqualification and suspension. Shocks cannot be painted and model # must be legible. **Coil-Over sleeve may be epoxied to the body of the shock to keep from spinning.**
- Shocks may be claimed by any competitor finishing in the lead lap of the same feature, following the feature for \$175 each. Series officials may also swap out shocks with a competitor at any time. Shock claim does not include coil over kit or spring.

G. Wheels and Tires

- Steel 8" wheels only. Unless otherwise specified on the entry form, the spec tire will be Series Designated Hoosier D800. Maximum tire usage rules may be put into effect at a later time.
- Bleeders are not allowed. Hidden bleeders will be checked for!!!
- Cars must start the feature on the same tires on which they qualified.
- Use of tire softening or altering agents will not be permitted. Use of such substances will result in immediate disqualification, loss of points and money. 2. Tires may not be altered in any fashion including grooving or siping.

H. Transmission, Driveshaft, Rear End

- Teams have ONLY two options for transmissions;
 - An aluminum case, internal clutch transmission (i.e. Bert/Brinn/Falcon)
 - A SPEC, Magnus sealed "Muncie Style" 2 Speed Transmission part #13100. This is a spec-built transmission using all new parts. All transmission parts have a spec tolerance and dimension and no modifications are allowed to be done to them. No old OEM style Muncie transmission will be allowed. Transmission has 2 forward gears and 1 reverse gear. Low gear is 1.72 and high gear is 1.1. Input shaft is 26 spline GM and output shaft is 27 spline GM. Transmissions will be sealed through 2 tail housing bolts
- Multi-disc clutches will be permitted. Conventional clutch mounted to fly wheel only will be permitted.
- No carbon fiber or nonstandard material clutches. **The minimum clutch diameter is 5.5".** No "slipper" or "centrifugal" clutches allowed.
- Driveshaft must be equipped with a minimum of two (2) safety straps and must be painted white. Drive shafts must be made of Aluminum or Steel only, and use no other materials (i.e. carbon fiber, etc). Driveshaft must be 2.5" minimum diameter.
- Cars must use a working locked rear end (i.e. a spool or similar) only.
- Axles must be steel only and may not be gun drilled. Other than length, the left and right axels must be identical to each other (including "wrap"). Standard 1.125" minimum diameter axles only, no lightweight axles.
- No cambered rear end tubes. No Cambered bolt on snouts.
- No pumps or accessories may be powered from bell housing or rear end.

I. Brakes

- Vehicle must be equipped with four-wheel hydraulic brakes.
- No carbon fiber rotors. **Only steel rotors are allowed (no titanium).**
- Brake fluid circulators are not permitted. Brake blowers are not permitted Liquid or gas cooling not permitted.

VII OFFICIAL DECISIONS

- Any situation not specifically covered in these rules will be acted upon by the official or officials in charge at the time, whose decision will be final and binding.
- Any disagreement over technical questions or operations will be resolved by series officials. When decision is rendered, decision is final and binding
- Continuous developments in racing may necessitate changes which cannot be anticipated at the time rules are formulated. If necessary, rules may be updated, changed, deleted or added to at the discretion of the officials.
- At certain events, to encourage participation of local competitors, the officials may alter the rules for those cars to try and create a level playing field for cars that might fall outside of the normal rules. Official's decisions are final.

VIII PURSES

For the Inaugural season, purse will be paid out on the schedule below:

5-9 Cars: \$350 to Win/\$150 to Start
10-14 Cars: \$500 to Win/\$150 to Start
15-19 Cars: \$500 to Win/\$175 to Start
20+ Cars: \$600 to Win/\$175 to Start

Race procedures will be distributed on race weekend by Series Director.

For administrative/procedural questions call:

Glenn Luckett 812-883-0455 / email luckett@cra-racing.com

For technical questions call:

Eddie Chew 317-439-3014 (after 5:15pm) / email eddiechew@cra-racing.com