



**Championship Auto Racing Series
Late Model Stock Car Tour Rules
136 Bridlepath Lane
 Mooresville, NC 28117
704-662-9212 PH
704-662-9207 FAX
www.carsracingtour.com**

UPDATED 1/20/2021

RULE BOOK DISCLAIMER

The rules and 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 all events, and by participating in these events, all participants are deemed to have complied with these rules.

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY

SHALL RESULT FROM PUBLICATIONS OF/OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

By signing in at each event, all persons agree to unconditionally abide by the rules and regulations as set forth in the CARS Late Model Stock Rules and Regulations---2021.

CARS shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further requirements.

Any interpretation or deviation of these rules is left to the discretion of the CARS Tour Officials. Their decision is final.

NOTICES

1. The Rules and Regulations as set forth herein are designed to provide for the orderly conduct of CARS racing events and to establish minimum acceptable guidelines for such racing events sanctioned by the CARS Tour.
2. The rules herein shall govern the condition of all CARS Tour racing events and all participants are expected to abide by and comply with these rules and regulations.
3. No express or implied warranty of safety shall result from publications of/ or compliance with these or any other CARS Tour Series rules and regulations, or any CARS Tour Series directive or ruling by any CARS Tour official.
4. The CARS Tour director shall be empowered to make changes from any specification contained within these rules and regulations. Furthermore, he/she may impose further restrictions that, in his/her opinion, do not alter the minimum accepted standards.
5. No expressed or implied warranty of safety shall result from such alteration of specifications. All such interpretation and deviation is at the sole discretion of CARS Tour officials.
6. Regulations and specifications set forth herein are automatically amended by, but not limited to, technical bulletins and official entry blanks distributed by the CARS Tour.
7. All specifications and regulations contained herein are subject to immediate change -without notice – as determined by the tour director.
8. The intent of these Rules and Regulations is to provide for competitive racing in all CARS Tour events.
9. CARS Tour reserves the right to change – without notice –schedule and event purses.
10. These rules are subject to amendment as CARS Tour officials deem necessary.

DEFINITION OF TERMS

Within these 2021 Rules and Regulations, the following terms are defined as:

1. "Office" shall mean the principal headquarters for the series, located at 136 Bridle Path Lane, Mooresville, NC 28117. Telephone: 704-662-9212.
2. "CARS Tour Officials" shall be employed and supervised by Championship Auto Racing Series.
3. "Member" shall mean all those individuals who have signed in to the "garage/pit/restricted area" at 2021 events.
4. "Event" shall refer to the CARS Tour sanctioned event, including, but not limited to, practice days and race days.
5. "Promoter" shall refer to such an individual, owner, president, principal, etc. -who represents the track at a CARS Tour sanctioned event.

GENERAL RULES AND REGISTRATION

The rules listed herein are effective from January 1, 2021 until December 31, 2021. The following rules supersede all previous published rules for any CARS Tour class of racing.

Series Registration Procedure

1. The annual 2021 team/owner registration will be \$250. This fee is non-refundable.
2. The annual driver registration and license will be \$100 for 2021. This fee is non-refundable.
3. Single event registration in 2021 is \$125 for the owner and \$50 for the driver. The single event licenses are good for registered event only and the fee may not be applied to annual registration fees.
4. It is mandatory for all competing drivers and cars to be registered for an event in which they participate.
5. Each team assumes responsibility for notification to CARS Tour of any change in address.
6. Each driver and team owner must complete tour registration forms prior to participation in any CARS event.

7. Car numbers are assigned by CARS Tour on an annual basis. CARS Tour officials will assign numbers after receipt of tour annual registration forms accompanied by the annual registration fee.

CARS MEMBERSHIP

General Rules

1. No intoxicating beverages or controlled substances are to be consumed before, during or after race events by anyone in the pit area. Owners assume full responsibility for actions of their crew members.
2. CARS Tour reserves the right to require alcohol and/or drug test to drivers, crew members, and car owners at any time during the course of any event.
3. Physical or verbal abuse of any CARS Tour Official will not be tolerated and is subject to fines and/or suspensions.
4. Race vehicles may only be driven by individuals with a valid annual CARS Series license. Licenses and hard cards are NOT TRANSFERABLE.
5. Interpretation of rules, procedures or scoring positions by CARS Tour shall be final, non-appealable, and not litigable.
6. Drivers, owners, and/or any other member of a crew shall have no claims against or cause of actions for damages, expenses, or otherwise against CARS Tour or its officials or promoter by reason of disqualification or damage to either car, driver, or both.
7. Race cars may be mechanically inspected by CARS Tour officials at any time.
8. Entry fees and pit gate fees shall be non-refundable. Entry fees must be paid prior to pit gate entrance.
9. Purse and owner championship points fund money, if any, will be distributed to owner of car in accordance with the 2021 W-9 form completed by the owner. Any changes to distribution of funds will be the owner's responsibility. Proper income tax information, including Federal ID numbers and/or social security numbers, must be on file before funds are distributed.
10. The decision on transporter height -i.e. whether or not trucks will remain in the infield -will be determined on a race by race basis.
11. All rules and regulations in CARS Tour rule book are subject to interpretations by CARS Tour officials.

CARS LICENSES

License for Driver

1. All drivers must have a current and valid driver's license unless a waiver is obtained from CARS.
2. **All drivers must be at least 14 years of age. No exceptions.**
3. All drivers must be physically fit for racing. Tour director reserves right to request medical certification of fitness at his sole and absolute discretion.
4. All new drivers will be monitored by officials and their ability will be continuously evaluated.
5. Owner will be held responsible for actions of all crew members.
6. CARS Tour reserves the right to revoke entry to anyone to any CARS Tour event for "just cause".

INSURANCE AND LIABILITY

Insurance

1. Insurance is made available to participants and/or persons entering the restricted area of a CARS Tour sanctioned event for accidental death or hospital, and/or medical bills. Such insurance is for a period normally associated with the completion of an event and for risks associated with participation in that event. Insurance shall be applied as secondary coverage ONLY after participant's primary coverage reaches its limits of coverage.
2. Persons admitted to the pits and other restricted areas of a CARS Tour race must obey all rules and regulations for that area as set forth by

CARS Tour. Every individual admitted to any CAR Tour event must sign all releases as determined and/or required by CARS Series.

Waivers

1. Performance, Advertising & Promotion Release: That CARS Tour and its assigns may use their name(s), picture (s), likeness(es) and performance(s) in any way, medium or material (including without limitation by and through television, radio, air wave, cable and satellite broadcasts, film productions, videotape and audiotape reproductions, transmission over the internet, video games or other CARS Tour licenses products and public and private online services authorized by CARS Tour and the like), before, during and after the event, for promoting, advertising, recording or reporting the event or any other CARS Tour sanctioned event, and do hereby relinquish all rights thereto for these purposes, provided that the car owner and driver retain exclusive use of its name, picture and likeness in connections with product endorsements and the sale of products, services, concessions, and merchandise.

Injury Reports

1. Any injury involving any driver, owner, crew member, sponsor or any employee occurring on the racing premises, must be reported to the CARS Tour Technical Director or the medical personnel in charge, before leaving the premises (if said Member is able to make such a report). Otherwise, someone from the injured individual's crew should make CARS Tour Technical Director or the medical personnel in charge aware of said injury and to assist with the completion of an accident report by CARS Tour Tech Director.

SAFETY RESPONSIBILITIES

General Safety

1. All competitors are obligated to inspect the racing facilities, safety personnel and equipment, and conditions of the track on a continuing basis before, during, and after the event. Since the competitors are closer to the racing facilities, safety personnel and equipment, and conditions at the track on a continuous basis throughout the event than CARS Tour Officials or the Promoter, it is their obligation to inspect, observe and report to the Promoter promptly any inadequacy in the facilities, personnel, equipment, or conditions at the track. Competitors also are solely and directly responsible for the safety of their race cars and racing equipment and are obligated to perform their duties (whether as a car owner, driver, or crew member) in a manner designed to minimize to the degree possible the risk of injury to themselves and others. Neither the CARS Tour nor the Promoter can or will be responsible for the adequacy of a competitor's race car, racing equipment, or racing activity to accomplish this purpose.

IDENTIFICATION AND SERIES SPONSORS

CARS Tour reserves the right to approve or disapprove any advertising, sponsorship, message or similar agreement in connection with any event. CARS Tour competitors agree to accept any CARS Tour decision in the event such judgment occurs.

Car Numbers and Driver Names

1. All cars are to have the number clearly readable on both doors at least 21" in height and 3" wide, on the roof at least 24" in height, and on upper right windshield decal at least 6" in height. Roof number should be readable from the left side of the car. All numbers must be decals only. No duct tape numbers will be allowed.
2. Primary car base color must be in high contrast to the number color to maximize visibility as well as to assist scorers.
3. No foil, aluminum or reflective type material permitted for use as car number.
4. Driver's names will be in letters easily read and on the roof over doors.
5. Numbers on replacement vehicles must be decals.
6. Letters being used as numbers must be visible in size and not be tape material.

Series Sponsor Decals

1. CARS Tour reserves the right to require tour sponsor decals on cars. No competing series decals will be allowed on cars.
2. CARS Tour reserves the right to place a series sponsor decal on the windshield.
3. CARS Tour reserves the right to place a series sponsor decal on the side window between B and C post.

4. Decals must be adhered to the race car as outlined by CARS Tour.
5. CARS Tour reserves the area from the "A" Post forward and the "B" Post for the placement of series sponsors and contingency award sponsors decals.
6. Additionally, CARS Tour reserves the rocker panel area as well as the lower rear bumper area for series' sponsor decals.

Team Apparel

1. All crew members who participate in pit stops and/or go over the wall during the race event must wear matching team attire (matching pants and shirts). The wearing of helmets or a firesuit is optional.

RACE DAY PROCEDURES

Drivers Meeting

1. CARS Tour officials will conduct a drivers meeting at each race. At this meeting, all new or special information that may differ from rule book will be announced and will be considered official. The following guidelines will apply for all driver meetings.
2. A roll call will start each meeting along with sign in sheet.
3. The driver, crew chief and spotter from each team are required to attend each driver's meeting.
4. Failure of driver, crew chief, or spotter to be present at roll call will result in a qualifying penalty.

Crew Chief Meeting

1. CARS Tour will conduct a crew chief meeting immediately prior to the pit gate opening at each event. Crew Chiefs will be advised of any abnormalities or peculiarities regarding the host track for the event and/or any differences in scheduling from normal activities.
2. All crew chiefs are required to attend. Failure for crew chief to attend will result in team losing practice time as determined by CARS Tour officials.

Qualifying Procedures

Qualifying procedures will vary by race and will be published in advance on the event entry form and event schedule. Formats include but may not be limited to:

1. Single Car Qualifying
 - A. Qualifying position to be determined through random selection at meeting.
 - B. All cars must clear tech before qualifying. Any car or driver not ready to qualify at the assigned time will be issued a qualifying penalty.
 - C. Upon clearing tech, cars are considered impounded and no more work is to be performed other than the adjustment of tire pressures. Any car that is worked on after tech will serve a qualifying penalty.
 - D. Competitors will single car qualify with a dead lap and either one (1) lap or two (2) lap time trials at the discretion of Series Director.
 - E. Pre-qualifying penalties will result in the slower of the two timed qualifying laps being the lap of record used for official scoring.
2. All tires to be used in the race event will be marked. Teams are required to start the race on the same tires on which they qualified. After qualifying, teams may not change a tire unless it is flat or has serious damage. Tire changes will be at the discretion of CARS Tour officials.
3. After qualifying, cars may not leave impounded area or have any work performed on them unless instructed by Technical Director or his designate. All cars will qualify race ready according to rules herein unless otherwise discussed in crew chief meeting qualifying. Only cars that have sustained damage during qualifying, have a serious safety issue, or have had a major mechanical (i.e.; blown engine) may be removed from the grid for repairs. In the event a team is granted permission to make a change, that car will be relegated to start at the rear of the field for the event. No work will be allowed on vehicles unless approved by Technical Director.
4. No driver may attempt to qualify more than one (1) car in time trials. A qualified driver may change to a nonqualified car and start the race from the rear. A non-qualified driver may drive a qualified car if written permission is obtained from CARS Tour office prior to running of

event. Permission will only be granted on a per event basis and only if circumstances warrant such permission. If approved, the car will start from the rear.

5. When two or more competitors have duplicate fast lap times the tie will be broken by the next fastest lap time (if both lap times or single lap qualification times are the same, then the tie will go to the car with the highest standing in owner points). If owner point standings do not prevail, then the driver setting the duplicate time first would start in front of the other.
6. Unless otherwise directed by CARS Tour, the fastest qualifier will be given the choice of starting on the pole or taking the outside position in the front row. The fastest qualifier will be used as the control car for the start.
7. **If qualifying is unable to be completed, the starting field will be determined by the combined times recorded in both practice sessions. If the second practice session was not held then the starting field will be determined by times from the first practice session. If practice and qualifying are both unable to be held, the starting field will be determined by CARS Tour owner point standings**
8. In postponed events where re-qualifying is specified, only the qualifying times established in re-qualifying will be certified as CARS Tour records.
9. The exact starting field for each event will be determined via the entry form. The standard 28 car starting field will be determined as follows:
 - A. Qualifying positions 1-22 will be determined according to the fastest 22 cars in qualifying.
 - B. The next four (4) positions will be assigned to the top four (4) finishers in the “last chance” race, if one is necessary.
 - C. The final two starting positions (27th-28th) will be reserved for the licensed competitor who has filed a timely entry for the event and who has the most 2021 owners points who has not qualified for the event thru qualification or the “last chance race”. For the first event of 2021, the final two starting positions will be determined by 2020 owner’s points.

Race Procedures

1. All drivers must be on time to compete in the events for which they are scheduled. Any driver late for the autograph session and/or driver introductions, as determined by CARS Tour Officials, shall be relegated to the rear of the field prior to the start of the race.
2. No changes of driver at any time will be made without advance notification to CARS Tour Officials. When the race is in progress, changes must be made in pits only.
3. Any qualified car may be driven in any event by a registered CARS Tour licensed driver. However, the driver who starts the car in the race will be awarded driver points for the event.
4. CARS Tour Officials will use flags, as set forth in this section, for the purpose of providing driver with information. Officials may use light signals in addition to or in lieu of flags. The procedure for use of flags and/or lights by Series officials may vary for individual series or races.
5. The initial start and all restarts will be double-file. On the initial start and all restarts, cars must maintain their positions as determined by CARS Tour officials until they have reached the designated starting point on the track as covered in the drivers meeting. In the event of a caution on the first lap of the race, the field will be restarted as per the original line up with the exception of the cars that were the reason for the caution----- they will restart at the rear of the field. On restarts, the race will resume immediately when the green flag is displayed. CARS Tour officials may make a special ruling on starts or restarts for any race (i.e., following a red flag, the yellow flag will constitute an official restart of the race).
6. All starts and restarts shall be made at a designated area on the track and made known to the drivers in the pre-race meeting.
7. The blue flag with a diagonal yellow stripe signifies that faster traffic is overtaking the cars being signaled. Cars being given this flag must yield to overtaking traffic as directed by CARS Tour Officials.
8. The yellow flag signifies caution and this flag will be given to the first car passing the starter immediately following the occurrence of the cause for caution. All cars receiving the yellow flag or light shall slow down to a cautious pace, hold their position, and form a single line behind the lead car. A pit entry flagman stationed at the entry to pit road will wave a red flag with a yellow cross that signifies that pit road is closed. Pit road entry procedures may vary from track to track and will be discussed at the drivers meeting prior to the event. When the yellow flag and/or caution lights are displayed, all competitors will cease racing and will not pass as long as all cars maintain a reasonable speed. Any car entering the pits prior to the pit road being deemed open by Race Control shall restart the race at the rear of the longest line of cars. Cars will restart in the order they were running at the completion of their last green flag lap.
9. Cars returning to the race track from the pits while the yellow flag is out must wait for the rear of the field in the line behind the pace car,

or as otherwise directed by CARS Tour officials.

10. If the race goes forty (40) consecutive green flag laps without a natural occurring caution, a competition caution will occur. The only time this will not occur is if the fortieth (40th) consecutive green flag lap falls inside twenty-five (25) laps to go of the total race distance.
11. No car may pass the pace car unless directed to do so by Race Director. Any car passing the pace car unapproved will be assessed a one (1) lap penalty.
 - A. During a given caution period only one (1) car is eligible for the "Lucky Dog" per caution period. That car may be any number of laps down to the leader but the Lucky Dog will go to the first eligible car. The Lucky Dog CAN pit during this caution period. This car may only pass the pace car when directed to do so by the race director. If the first eligible car was part of the incident on the track which resulted in the current caution period, or the car eligible for the Lucky Dog pits, this car will forfeit their privilege and this privilege will not be passed on to any other car during the same caution period. Once the car passes the pace car, that car must restart at the tail end of the longest line. Lucky Dog pass will not be offered if the restart is within last ten (10) laps of the race.
 - B. Vehicles on the rear of the lead lap, in front of the race leader, and immediately behind the pace car may be directed to pass the pace car and proceed to the rear of the longest line. These vehicles may not advance until directed by the race director. Additionally, these vehicles are not eligible to pit after advancing the pace car.
12. Pit attendants and crew members shall not go on the race track for any reason while the cars are racing, or while they are running under the yellow flag. The only time drivers or cars may receive service is when they are completely stopped in the pits.
13. The red/yellow combination of flag means racing must stop immediately regardless of the position of the cars on the track. Under red/yellow situation cars may enter pits, as safety allows, for crews to work on their cars, but only after the officials have given them permission to do so. All teams that work on their car under red/yellow situation under a red/yellow flag must restart at the tail of the field regardless of their previous position.
14. The red flag means that the race must be stopped immediately regardless of the position of the cars on the track. The red flag shall be used if, in the opinion of CARS Tour officials, the track is unsafe to continue to race or a prolonged caution period is anticipated. Cars should be brought to a stop in an area designated by CARS Tour officials.
 - A. No repairs or service of any nature will be permitted when the race is halted due to a red flag. All work must stop on any car in the pits when the red flag is displayed and work cannot be resumed until the race is placed under the yellow caution flag. Teams that work on a race car while under red flag will be assessed a two (2) lap penalty.
15. The black flag means for the competitor to go to the pits immediately and report to the CARS official at the driver's pit. It does not mean automatic disqualification. If the driver does not obey the black flag directive for five (5) consecutive laps, the driver will then be given the black flag with a white cross to inform the driver that scoring of his or her car has been discontinued until further notice.
16. In lieu of a black flag, CARS Tour officials may use a blackboard or black flag number indicator in full view of the competitor on which the number of the car being black flagged will be shown.
17. When the white flag only is displayed, it means the leader has started his or her last lap. If the yellow flag is displayed during the white flag lap, all cars will cease racing and slow to a cautious speed. The race will not end under caution. The race will end with a green, white, checkered finish. The process will be repeated until the leader receives the checkered flag.
18. A car may not receive any assistance after the white flag has been displayed except a car being pushed on pit road. Violation will result in the car not being scored for that lap.
19. When the checkered flag is displayed, it means the race is completed. When the required race distance has been completed by the lead car, the race will be declared "official" regardless of any flag being displayed.
20. When the checkered flag is given to the leader, the balance of the field receives the checkered flag in the same lap. Finishing positions will be paid according to most laps traveled in the least time, whether the car is still running or not.
21. The winner of the event will bring his/her car to the start/finish line (or victory circle) while the second and third place finishers will drive directly to the tech facility for post race inspection. All others will enter their pit area immediately after receiving the checkered flag.
22. Special flags may be used at the discretion of CARS Tour officials, but must be explained to all drivers before the race starts.
23. Teams that work on a race car while on the racing surface while under yellow or red conditions will be disqualified.
24. Any person who ventures onto the racing surface during the event will be fined \$300.00 and/or face suspension.

25. No car will be permitted to continue in competition if, in the opinion of presiding CARS Tour officials, the car is a hazard to the other cars in the event.
26. Cars must take the checkered flag to win. Any race rained out or stopped because of curfew at one lap past halfway of the event will be considered a completed race.
27. Any driver who does not obey the flag rules may receive a fine and/or lap (s) or time penalty.
28. Any competitor who causes or attempts to cause a yellow flag by stopping his/her car or throwing debris on the racing surface may be assessed a fine and/or lap(s) penalty. Any car that stops on the racing surface during any pace laps must drop to the rear of the field.
 - A. Each team is responsible to insure the Technical Director has the teams' current frequency.
 - B. Each CARS Tour team will be responsible for providing a spotter, in a designated area for spotters, for their vehicle at any time the vehicle is on the track either in practice, qualifying, or racing. This spotter **MUST** be capable of monitoring race control frequency at all times (even when the team's primary frequency is in use) and be capable of communicating messages to his/her driver as directed by CARS Race Control. All Spotters must attend the 'driver, crew chief, spotters' meetings. Failure to attend the meeting(s) will result in a car becoming a "one (1) lap qualifier"

"IN-RACE" Pit Stop Procedures

1. When following the pace car under a caution flag, driver must maintain their position in relation to other cars in the field or as otherwise directed by tour officials. Pit road opening/closing shall be controlled by the use of lights or flags. Cars choosing to pit must drop down to enter the pits at entrance/apron of pit road. Pit procedures for each event will be determined in CARS Tour driver/crew chief meeting prior to the event.
2. All equipment used to service the car must be removed from the car prior to the car leaving its assigned pit area. All equipment and crew members must be on "Safe Side" of pit stall prior to car leaving its assigned pit area.
3. When pit stops are made for a tire change, all lug nuts must be fully tightened before the car leaves the assigned pit area. If the pit road official detects a violation, the car must return to its assigned pit area for inspection.
4. Unless otherwise authorized when making a pit stop, only five (5) pit crew members will be allowed over the pit wall.
5. Any competitor who goes behind the wall or to the infield for repairs during an event will be considered retired from the race.
6. Only one (1) jack and two (2) wrenches (air or manual) can be used for any pit stop involving tire changes. The same jack must be used when tires are changed on the left and right side during the same pit stop. In the event a car falls off a jack, a second jack can be used on the same side to facilitate use of the first jack.
7. Cars must be completely in their respective pit box during pit stops (as space permits).
8. Race cars exiting pit road under caution flag will not be allowed to blend into traffic but must fall into line behind the last car on the track. DO NOT ADVANCE. Cars which advance will be moved to the rear.
9. Cars entering on pit road must not exceed pace car speed. The pace car will maintain "Pit Road Speed" during warm up laps. Drivers will note their gear and tachometer at this time and will not exceed this speed at any time while on pit road. Speeding on pit road will be enforced at all times. Cars speeding on pit road will be moved to the rear of the field.
10. The tour reserves the right to change, alter, or add to pit stop rules at any event. In the event rule changes are implemented at the race track, such changes will be discussed at the driver's meeting.
11. Pit assignments will be determined through CARS Tour officials as early as possible and will be determined on a race by race basis as pit conditions dictate.
12. MANDATORY: Teams must have a minimum 10# fully charged fire extinguisher in their pit area. Any team found in violation will be fined \$100 and will start in the rear.
13. No smoking within 15 feet of pit stalls. Failure to comply will incur a fine of \$100 per incident.

Timing and Scoring

1. The tour official designated by CARS to be the Director of Scoring for an event is totally responsible for scoring the event. The decisions of the Scoring Director, with respect to timing and scoring, are final unless the Scoring Director elects to request a re-check by the CARS

Tour office or when the Scoring Director is asked by a competitor who has competed in the event to submit a request for such recheck to tour office.

2. When possible the UNOFFICIAL finish will be posted at the command center within one (1) hour of the checkered flag.
3. A scoring protest must be written and accompanied by a \$250 NON-REFUNDABLE service fee and be presented to the Series Director or Scoring Director within one (1) hour of the posted finish. No protests will be accepted after that time.
4. If possible scoring rechecks will be done at the track. If it is an extensive recheck, the office will have five (5) working days to recheck the scoring and post an official finish. Until that time, the finish is not considered official. Decisions of the CARS Tour office on a scoring recheck are final, non-appealable and non-litigable.

Rain Delay and Cancellation

1. In the event that weather, or any other unforeseen situation, would prohibit the CARS Tour event to be held on the advertised date. The event will be scheduled for next day, if possible. If the next day is not an option, event will be re-scheduled on a later date or cancelled altogether. This decision will be at the sole discretion of the Series Director.
2. There shall be no refunds for grandstand tickets, entry fees or pit passes. All grandstand tickets, entry fees and pit passes will be honored at the next scheduled CARS Tour.
3. Tour officials reserve the right to change these procedures as applied to that particular situation, as well as reserve the right to cancel the event altogether.

CONDUCT & PENALTIES

Conduct Violations

1. If a CARS Tour official in his/her sole and absolute discretion determines an act of commission or omission by a CARS Tour member that constitutes a violation of the CARS Tour Series Rules or that is detrimental to auto racing or to the CARS Tour, and if the tour official in his/her sole and absolute discretion determines that the act of commission or omission is sufficiently serious to warrant the imposition of a penalty, the Official shall report the violation in written detail to the tour director as soon as practicable, and shall recommend an appropriate penalty. The tour director shall consider the report, and shall conduct whatever additional inquiry deemed appropriate under the circumstances. After concluding the inquiry, the tour director shall determine whether disciplinary action is appropriate, and if so, what disciplinary action should be taken. The Member shall be informed of the determination, and if disciplinary action is imposed, the tour director shall issue a penalty notice to the Member specifying the violation, a brief statement of the circumstances of the violation, and the penalty imposed.
2. If the act of commission/omission of a Member is determined by a CARS Tour official to constitute a threat to the orderly conduct of the race, that Official may take temporary emergency action against the Member. Such emergency action may include ejection from the racing premises, temporary or permanent suspension or any other action designed to remove the threat created by the Member. Examples of conduct warranting such emergency action include, but are not limited to, the consumption of alcoholic beverages or drugs before, during or after an event, the use of illegal drugs at any time, fighting, reckless driving, and failure to obey the black flag or any other directive of an official. The CARS official shall report the Member's conduct to the tour director as soon as practical, and thereafter the procedure set forth above shall apply. The emergency action shall remain in effect until the decision of the Series Director is made which shall be final.
3. Fines shall be paid to CARS Tour office in Mooresville, NC, promptly after receipt of a penalty notice. Failure to pay promptly will result in suspension. All unpaid fines of a Member may be collected by the Series by deducting the amount from the purse earnings of the Member, or if the Member is not an owner, from the purse earnings of the owner with whom the Member was associated at the time of the conduct that gave rise to the penalty notice. All fines will be paid before entry for the next event.

Penalties

1. Penalties for violation of CARS Tour Rules are determined by the gravity of the violation and its effects on fairness of competition, the orderly conduct of the event, and the interests of stock car racing and the Series. Such penalties may include, but are not limited to, disqualification, suspension, fines and/or loss of points. A suspension may be permanent or for a specified or indefinite period of time. The tour director may use the following as guidelines for the imposition of penalties in the situations described below, but these guidelines shall not limit the authority of the Director.
 - A. Any Member who performs an act or participated in actions deemed by CARS Tour officials as detrimental to automobile racing or to the CARS Tour, a fine of at least \$500.00, suspension of those persons involved in the act, and/or loss of championship points
 - B. Any owner whose car is found with a traction control device (working or not) will be suspended indefinitely.

- C. Any Member who signs the tour release sheet or competitor pit permit for anyone else; a fine of at least \$500.00 and suspension.
- D. Any member who assaults or threatens to do bodily harm to any CARS official or persons serving under their direction; a minimum fine of \$ 1000.00, suspension, and/or loss of championship points.
- E. Any Member who, while participating in a Series sanctioned event, partakes of any alcoholic beverage, stimulating, depressing or tranquilizing drugs, or is otherwise under the influence of alcohol or drugs, will be suspended indefinitely.
- F. Any Member who participates in fights in pits, track or on any of the track property, a minimum fine of \$500.00 with possible suspension.
- G. Any Member who commits an assault with a weapon of any description in the pits, on the track or on any of the track premises; a minimum fine of \$5000.00, a suspension and/or loss of championship points.
- H. Any Member who permits a car to be driven in any CARS Tour sanctioned event by an unlicensed person, or who fail to notify CARS officials of any change of driver during a race may be fined up to \$1000.00 and/or suspended.
- I. In an event where the CARS officials mandate post race inspection of a car that has competed in the event and that car is taken from the racing premises without permission of a CARS official, the car will be disqualified unless the competitor proves beyond any reasonable doubt that the violation was caused by circumstances which the competitor could not control.
- J. Any member who fails to tear down a car for inspection when requested to do so by the CARS official; a fine of not less than \$1,000.00, and/or disqualification, and/or loss of championship points, and/or definite or indefinite suspension from the Series.
- K. Any determination by CARS officials that parts and/or equipment used in the event do not conform to CARS Tour rules or have not been approved by the CARS Tour prior to the event or which are not required for the normal functional operations of the race car or safety items which have been altered to detract from or compromise their integrity or effectiveness, disallowance of qualifying times, withdrawal of opportunity to qualify for the event, and/or fine, and/or suspension from CARS Tour.
- L. Any member failing to surrender to CARS Tour any part and/or equipment found during an inspection, a fine and/or loss of finishing positions in the event, and/or loss of championship points, and/or definite or indefinite suspension from the Series.
- M. Any concealed pressure type containers; feed lines or actuating mechanism when found in the car or on the person of a competitor even if inoperable, a fine of not less than \$1000.00, and/or loss of championship points, and/or definite or indefinite suspension from the CARS Tour.
- N. Any modification that permits the lowering of a race car while in competition, including but not limited to the wedging of springs and shock absorbers or any modification that permits the lowering of a race car while in competition, or any car that is found to be under the specified height requirement after the completion of time trials or the race, disallowance of qualifying time, and/or loss of championship points, a fine, and/or lap (s) or time penalty.
- O. Any violation of fuel cell or fuel cell container specifications; a fine, and/or loss of championship points, and/or definite or indefinite suspension from CARS Tour.
- P. Any competitor found using, in his or her car, automated electronic recording devices, on board computers, and the likes, which have not been approved by CARS Tour prior to the event; a fine or \$1000.00, and/or loss of championship points, and/or definite or indefinite suspension from the CARS Tour Series.
- Q. Use of altered fuel or fuel other than the official fuel at the event, a fine, and/or loss of finishing position, championship points, and/or definite or indefinite suspension from CARS. Failure to cooperate with tour officials in obtaining fuel samples at any time during an event will subject the car to disqualification, and will subject the crew chief and/or car owner to additional penalties deemed appropriate by Series officials.
- R. Use of any tire or tires that have been altered by unauthorized treatment to the tread area disallowance of qualifying times, withdrawal of the opportunity to qualify for the event, and/or minimum fine of \$500.00 per tire, and/or loss of finishing position in the event, and/or suspension from the tour.
- S. Any car starting the race on tires other than its qualifying tires, a fine and/or loss of championship points, and/or definite or indefinite suspension from CARS Tour.
- T. Any team found using any tire(s) that has not been impounded for that event will be assessed a one (1) lap penalty at the conclusion of the event.

Race & Pit Procedure Penalties

1. "To Rear of Longest Line"
 - A. Speeding on pit road
 - B. too many over pit wall
 - C. dropping down too soon or late for pits
 - D. pit outside of designated area
 - E. enter pits early
 - F. "reckless" driving
 - G. use of illegal or unauthorized equipment during pit stop
2. "Stop & Go"-----under green flag.
 - A. too fast down pit road under green
 - B. failure to line up in correct position with position gain or restart in wrong line with position gain
 - C. running stop sign
 - D. working on car red/yellow flag
3. "Lap/Laps Penalty"
 - A. unauthorized pass of pace car
 - B. failure to obey flags
 - C. intentional yellow
 - D. "Rough" driving/retaliation
 - E. work on car during red flag
4. "Black Flag/D.Q'/Other"
 - A. car work on race surface
 - B. ignore black flag for 3 laps
 - C. car aided on white flag lap
 - D. FLAGRANT "rough" driving.

CARS Tour INSPECTIONS

Inspections

1. All vehicles will pass through technical inspection before qualifying for all CARS events. All inspections will be performed as designated by Technical Director and may vary from race to race.
 - A. All general safety as well as technical and general appearance guidelines must be adhered to before vehicle will be allowed to compete.

Post-Race Inspections & Penalties

1. There will be no tolerance to rules unless specified. Failure to comply with rules MAY result in disqualification from qualifying position, finishing position or disqualification from event entirely

2. Series' weighing, measuring and testing devices as well as procedures used by CARS Tour technical officials are the standards which determine a vehicle's compliance with tour rules and regulations. No other equipment or device may be used unless approved by CARS Tour Technical Director.
3. The decision on rules infractions during pre-qualifying or post-race technical inspections as imposed by the Technical Director shall be final and non-appealable.

Non-Conforming Parts

1. CARS reserve the right to confiscate any non-conforming and/or unapproved part (s).
2. Any use of components utilizing mercury for the enhancement of performance shall be deemed to render the vehicle ineligible to compete in the Series and such violation of law shall be reported to the appropriate authorities. Any clean-up and fines will be the car owner's responsibility.

APPEALS

The CARS Tour Director or his designate shall have final authority for any and all decisions regarding the CARS Series.

Appeals Procedure

1. A car owner may file an appeal against a penalty imposed by the CARS Tour Director provided that the individual submits an "Intent to Appeal" letter to the Series Director within five (5) days of the penalty notice.
2. Appeals must be in writing and accompanied by the non-refundable appeal fee of \$500.00.
3. The CARS Tour Director shall be responsible for the orderly disposal of such appeals by appointing an Appeals Board. The Board shall be comprised of members or officials at discretion of CARS Tour Director. The time and date of the appeals hearing will be as soon as possible at the Series Director's sole and absolute discretion.
4. Three members shall constitute a quorum for the Appeals Board.
5. The Board shall establish procedures for hearing the appeal and shall not be bound by technical or formal rules of evidence or procedure. The hearing will be conducted in the manner best suited to the relevant facts.
6. Cost of the proceedings shall be at the expense of the CARS Tour. However, if the Board determines that the appeal may have been instituted without merit, the cost for such hearing will be the responsibility of the Member who instituted the charge.
7. The appellant may not file an appeal against the judgment issued by the Board of Appeals.
8. The CARS Tour Board of Appeals, the Director, nor any other body shall order an event to be rerun.
9. The Series shall have the right to publish the judgment of the tour Board of Appeals and to use the names involved. The persons or teams so named shall have no recourse to act against these parties or the publisher of the judgment.
10. Race procedure calls are considered judgment calls and shall be non-appealable and non-litigable.

Rookie of the Year Program

1. To be eligible for CARS LMSC Tour Rookie of the Year (ROTY) program a driver must have competed in no more than six (6) CARS Tour points races, won a major Late Model Stock event, won a NASCAR All-American Series national championship, and/or competed in a division higher than LMSC. Official eligibility will be determined by CARS Tour officials.
2. ROTY winner will be determined by the highest finishing ROTY contender in the regular LMSC championship points standings. ROTY contenders must notify CARS Tour officials prior to the third race of the 2021 season that they will compete for ROTY honors.
3. All ROTY contenders must run any ROTY sponsored decals.

Owner/Driver Championship Points System

1st	33	19 th	14
2nd	31	20 th	13
3rd	30	21 st	12
4th	29	22 nd	11
5th	28	23 rd	10
6th	27	24 th	9
7th	26	25 th	8
8th	25	26 th	7
9th	24	27 th	6
10 th	23	28 th	5
11 th	22	DNQ	2
12 th	21		
13 th	20		
14 th	19		
15 th	18		
16 th	17		
17 th	16		
18 th	15		

*All cars that do not qualify for feature event will receive two (2) championship point if completed a qualifying attempt.

Bonus Points Program

1. Lap leader -one (1) point awarded to each driver who leads at least one lap.
2. Pole - one (1) point awarded to winner of pole at each event **if** qualifying is completed.
3. Leader of most laps - one (1) event point.

Year-End Series Point System

1. Car with the most 2021 wins will receive a two (2) point bonus at year's end.
2. Car with most 2021 poles will receive a one (1) point bonus in the final point standings.
3. Drivers and Owners championship shall be determined by driver/owner earning most points in events during the 2021 season plus any bonus points earned. In case of tie, Champion will be determined by most wins, most seconds, etc., until tie is broken.
4. All other point positions ending in a tie will be handled in the same manner.

2021 SERIES TECHNICAL DATA

Eligible Cars and Body Guidelines

2007-2019 AR BODIES/FIVE STAR BODIES APPROVED MODELS

1. All competing cars will be full-sized stock American manufactured passenger car composite bodies as approved by CARS and the NASCAR Late Model Stock guidelines as well as the approved suppliers specifications manual (AR Bodies/Five Star Bodies). Refer to Appendix #1 for diagram and body dimensions. No steel bodies allowed.
2. No under car panning or unused holes (open) in body.
3. Rear spoiler must measure 54" wide by 5" tall and made of Lexan or aluminum and centered on chassis. No forward braces allowed. Must be between 50-60 degrees in angle.
4. The air box between the radiator and the nose may not be any wider than the radiator. No air deflectors of any kind are permitted. All air

for blowers or coolers must be pulled from nose. Air blown to brake rotors only---not tires or tire beads.

5. Base weight will be a minimum of 3100 lbs with driver, his/her safety and comfort gear, and full of fuel.
6. Maximum tread width of 64 1/2" measured from outside to outside of wheels at spindle height.

NEXT GEN FIVE STAR BODIES

APPROVED MODELS

1. **All competing cars will be full-sized stock American manufactured passenger car composite bodies as approved by CARS and the NASCAR Late Model Stock guidelines as well as the approved supplier's specifications manual (Five Star). Refer to Appendix #2 for diagram and body dimensions. No steel bodies allowed.**
2. No under car panning or unused holes (open) in body.
3. Rear spoiler must measure 64 1/2" wide by 5" tall and made of Lexan or aluminum and centered on chassis. No forward braces allowed.
4. The air box between the radiator and the nose may not be any wider than the radiator. No air deflectors of any kind are permitted. All air for blowers or coolers must be pulled from nose. Air blown to brake rotors only---not tires or tire beads.
5. Base weight will be a minimum of 3100 lbs with driver, his/her safety and comfort gear, and full of fuel.
6. Maximum tread width of 64 1/2" measured from outside to outside of wheels at spindle height.

ENGINES

1. Following are the approved engine packages for the 2020 CARS Late Model Stock division. **Theses engines will follow the guidelines of the NASCAR Late Model Stock guidelines as well as the approved supplier's specification manual:**

A. Crate Engines

1. Chevrolet Crate (#88958604 and #19318604)

Use of 1.6 aluminum self aligning rocker with 3/8 stud approved on GM 604 crate

***This engine package will be phased out of competition at the conclusion of the 2021 season.**

2. Ford Crate (#D347SR7)

Both the Ford and Chevrolet crate engines must use a Holley 650CFM four (4) barrel carburetor or a Holley 390CFM (4) barrel carburetor.

The approved spec cams for the Ford Crate D347SR7 are the F303 and COMP FPC-D347SR.

Crate engines must be used as supplied by the manufacturer and/or per the specifications manual.

The use of a 1" (maximum) aluminum spacer plate placed under carburetor will be permitted. Must be four holed or open design. No tapered or bevel designs allowed. No adapters will be allowed.

C. Spec Engine

1. HMS Enforcer

HMS Enforcer engine must use a Holley 650CFM four (4) barrel carburetor or a Holley 390CFM (4) barrel carburetor.

1. The use of a 1" (maximum) aluminum spacer plate placed under carburetor will be permitted. Must be four holed or open design. No tapered or bevel designs allowed. No adapters will be allowed.
2. 197cc with a tolerance of +3cc/-3cc are the maximum/minimum amount of the intake port measurement.
3. 75cc with a tolerance of +3cc/-3cc are the maximum/minimum amount of the exhaust port measurement
4. The spec cam as supplied as part of the HMS Enforcer package must measure as supplied by COMP Cams spec sheets supplied by COMP Cams.

HMS Enforcer engine must adhere to guidelines as outlined in HMS Enforcer spec engine handbook.

D. Upgrade Spec

1. Chevrolet Upgrade Spec Engine

All Chevrolet Upgrade Spec engines must follow the guidelines as defined in NASCAR rule book. Edelbrock #2975 Victor Jr. or the Edelbrock #2701 intake are the approved intakes. Maximum of 1.6 ratio rockers utilized.

Chevy upgrade spec engine must use a Holley 500CFM two (2) barrel carburetor or Holley Ultra 500 two (2) barrel carburetor.

The use of a 1" (maximum) aluminum spacer plate placed under carburetor will be permitted. Must be two holed tapered (super sucker) style. A one-piece, two (2) hole non-metallic gasket, maximum .065 inch thickness that matches the exterior dimensions of the carburetor throttle base plate, must be installed between the carburetor and spacer. A one-piece non-metallic gasket maximum .065 inch thickness must be installed between the spacer and intake manifold. The gasket must not be larger than the top of the intake.

Air Cleaner

Minimum of 12" and maximum of 14" (O.D.) air element and housing may be used. Element must be at least 1 1/2" and no more than 4 inches in height. NO spraying or soaking of element.

Exhaust/Hedders

Exhaust pipes used must be between 3"-4" in size. Must be made of magnetic steel with primary tube size 1 5/8" outside diameter, maximize 30" in length. No inserted cones. No internal coatings

Carburetor

- A. Main body---No polishing, reshaping, grinding or plugging holes.
- B. Choke plate---May be removed but screw holes must be permanently sealed.
- C. Choke horn---Must NOT be removed
- D. Boosters---Size and shape must not be altered. Height and location of the boosters must remain as manufactured. Booster casting must be visible and remain as manufactured. Boosters must be wired together and held with a small amount of epoxy so as to prevent a drop of the booster into the throttle shaft and throttle plate areas.
- E. Venturi---May not be altered or reshaped. Must remain a circular (round) cross section. Casting ring must not be removed.
- F. Base plate---Must be used as manufactured. The position of the throttle bores in the throttle plate must remain as manufactured. Base plate may not be altered in shape or size. All vacuum holes must be threaded and plugged or sealed.
- G. Butterflies---May not be thinned or tapered. Idle holes may be drilled in butterflies.
- H. Throttle shafts---Must remain stock and can not be thinned or cut in any manner.
- I. Metering blocks---Only metering blocks specific to the carburetor being used is acceptable. Number of holes and passages, and their location, in the block must remain as manufactured. Adding or plugging of holes and passages will not be permitted.
- J. Accelerator pump---Only replacement parts specific to the carburetor in use will be permitted. Retaining screw may not be drilled for a discharge passage. Pump diaphragm must be 30cc and remain as manufactured. A hole no larger than .050 in diameter may be drilled in accelerator pump fuel passage on float bowl side of metering block above fuel level to relieve siphoning through the nozzles.

Engine Location

- 1. Engines must be mounted so that the centerline of the crankshaft is in the centerline of the frame, front sub-frame and tread width of the car.
- 2. All approved engines, EXCEPT the Ford and Dodge open/built engines, must be located so that the center of the forward most spark plug hole on the right side is in line with or a MAXIMUM of 1" forward of the center of the right front upper ball joint

3. The Ford and Dodge open/built engines must be located so that the front of the cylinder head on the right side is in line or a MAXIMUM of one (1) inch forward of the center of the right front upper ball joint.
4. All engines must be mounted in such a manner that there is a MINIMUM of 12" from the ground to the center of the crankshaft and a MAXIMUM of 13" with driver in car.

Clutch/Transmission/Driveshaft/Rear Axle

1. Manual shift transmissions only with four (4) forward gears and a reverse gear all operable. Standard production OEM type Muncie or T-10 transmissions are approved as is the top-loader transmission.
2. 4th gear-----ratio of 1:00-1. No gear ratios between 1:00-1 and 1:23-1 will be permitted for the three remaining forward gears.
3. Only OEM steel, angle cut gears may be used. No straight cut gears.
4. One piece, steel driveshaft required. Driveshaft must be painted white and be either 2 3/4 or 3" in diameter. Two (2) steel driveshaft safety loops required, minimum 2" x 1/4", completely around driveshaft and securely mounted.
5. Minimum clutch diameter is 5 1/2". Steel multi-disc clutches are permitted up to 3 discs. Only conventional clutches mounted to the flywheel are approved. No carbon fiber, "slipper" or "centrifugal" clutches are permitted.
6. Only one piece steel axles will be permitted. No crown type axles. Quick change rear end center sections must be at least 12" in height at the center of the rear axle and have a side bell with a minimum diameter of 12". Only steel spur gears will be permitted.
7. The following differentials will be permitted for use:
 - Detroit locker ratchet type
 - Locked rear drive axle assemblies
8. Rear axle housing support bars or alignment bars will not be permitted. Metal drive plates only may be used.
9. Cambered rear axle housings or rear axle housings with
"toe" will not be permitted.
10. Rear axle housing must be centered between main frame rails of chassis. Tolerance will be +/- 1/2".

Cooling System

1. Radiator must be stock appearing and be mounted in standard location. A panel as wide as the radiator may be attached from the bumper to the trailing edge of the radiator. Installation of air directional devices, under-pans, baffles, dividers and shields will not be permitted. All air that enters the grill area must flow through the radiator core.
2. OEM type water pumps only, impeller may be modified. Shroud may be installed not wider than radiator and a maximum of 1" behind fan blades.
3. May use electric fan, crank driven fan or no fan.
4. No anti-freeze added to cooling system.

Ignition/Electrical

1. Electronic distributors are permitted and must mount in stock location, maintain stock firing order, be gear driven, and be equipped with magnetic pick-up. No crank trigger, adjustable timing mechanisms, magnetos or computerized systems. Single or dual point camshaft driven distributors are also permitted.
2. Only one (1) ignition amplifier box will be permitted and must be mounted on the dash on the passenger side of car---out of drivers reach. Any wires from distributor to amplifier box must be run separately ---not part of a loom of wiring harness. NO modifications to the amplifier box will be permitted.
3. Only one (1) ignition coil is permitted and must be on the engine side of the firewall or inside the car on the ignition system mounting plate.

4. Only one battery may be installed and that battery may carry a **MAXIMUM** of 12 volts. Battery must be in an enclosed battery box located either in front of the firewall or in front of rear axle housing behind the rear firewall on driver's side. Battery box must be mounted inside the outside edge of the frame rails.
5. All electrical wiring must be sealed. All electrical switches must be mounted in plain sight and correctly labeled.
6. No electronic traction control devices allowed.
7. No onboard computer or automated electronic recording devices of any kind are permitted.
8. All electrical switches must be on dash within reach of the driver. Additionally, each switch must be operable and clearly marked. An "on-off" switch must be clearly marked and located in the center of the dash with the "on" being in the clockwise direction.

Fuel System

1. Foam filled bladder type fuel cell with a 22 gauge steel container required. **MAXIMUM** fuel cell capacity is 22 U.S. gallons. Fuel cell must be mounted with minimum 8" ground clearance. A 1" x 1" steel square tubing cradle, two lengthwise and two crosswise are required completely around the fuel cell. Fuel cradle must be enclosed on four sides and bottom with 24-gauge steel sheet metal. Rear trunk interior area must be fully floored and sealed off to rear firewall and quarter panels forward of leading edge of fuel cell in such a manner that fuel spill in trunk area cannot come in contact with brake rotors.
2. No electric fuel pumps or pressurized systems. One mechanical fuel pump in stock location is allowed.
3. No fuel cells over five (5) years old are allowed.
4. All cars must be equipped with a dry-break type fuel fill in the left rear quarter panel. A fuel cell overflow/vent is required in the left rear tail light area. Both the fuel fill and overflow/vent must have operating check valves.
5. Overflow/vent tube cannot exceed 55" in length and 1 1/4 "inside diameter, measured from the outside end of the vent mechanism to the fuel cell.
6. Any fuel filter, vent, supply lines deemed unsafe will be disallowed and render race car ineligible for competition.

Fuel

1. The official fuel of the CARS Tour is VP-110. All fuel used in competition must maintain identical manufacturers characteristics and specifications. The tour reserves the right to conduct fuel tests at any time at their discretion. Approved fuel will be available at each tour event. Each competitor is required to purchase a minimum of 20 gallons of fuel from the on-site vendor at each event.

Brakes

1. Operating 4-wheel hydraulic brakes required at all times. Only single piston calipers on all four wheels and only one caliper per wheel. Calipers may be steel or aluminum. No electric actuators or power assist brakes allowed. No floating brake calipers. Disc brakes with steel rotors only. **Slotted, drilled, or grooved rotors will be permitted.** Must use standard aluminum mounting hats for front brake rotors. A maximum of two (2) 3" flexible cooling hoses per front brake caliper. Air inlets may be cut into the lower front bumper cover no larger than 48 sq. inches for each front brake. Electric fans are allowed in front cooling hoses. This hose may be branched off from one of the front brake cooling hoses or originate under the vehicle. This hose may not be lower than 4" at any point. One (1) 3" flexible hose is allowed to be directed toward the inside of each rear caliper. This hose must originate at the side of the trailing arm and be no lower than 4" at any point. Brake fluid re-circulatory systems will not be permitted.
2. Inline fans in the front of the car must not be lower than the bottom of the sub-frame rails. Inline fans in the rear of car must be mounted to sub-frame rails or the rear trailing arms and must not be mounted lower than the bottom of the main frame rail or the bottom trailing arms. Mounting of brake cooling components must be acceptable to CARS Tour officials.

Suspension

1. Allowable tread width is 64 1/2" **MAXIMUM** measured at the outside of the wheels at spindle height. Steel spacers only may be used to achieve desired tread width. The **MINIMUM** wheelbase on either side is 104 1/2" while the **MAXIMUM** wheelbase is 105 1/2" on either side. .
2. Front and rear springs may be either coil or coil-over springs. Limit of one spring per wheel.
3. One (1) shock absorber per wheel. Approved shocks are:

Penske----- 7500 Series
Ohlins----- NCJ/STJ/OTJ Series
Bilstein----- ASN or SN Series
C2P----- NAEX Series
Advanced Racing Suspensions-----4000/4200 Series
Pro-----PG/AC Series
JRI-----ST/08 Series
Blackmagic Shocks-----BML Series
Afco-----63/64 Series

*All shocks must be non-adjustable or single adjustable only**

No external reservoirs of any kind. Neither piggy-backed or remote

4. All springs and spindles must be steel. Only one spring per wheel.
5. Steel sway bars and arms only. Heim joints are allowed between sway bar ends and mounting points.
6. Only a conventional two (2) link trailing arm type with the same configuration on both sides or a (3) link passenger car type suspension will be permitted. All link trailing arms must be made of solid construction. No adjustable links allowed. Bushings for truck arms that, in the judgment of Track Officials, allow excessive vertical or horizontal movement will not be permitted.

The following types of trailing arms are permitted:

Truck trailing arms

I-Beam style trailing arms

Both arms must be within 1/4 in. of each other in length when measured from the center of the front mounting monoball to the center of the rear axle tube. MINIMUM length of trailing arms is 45". The MAXIMUM is 51".

7. Mounting of the arms to the chassis in front must be done using monoballs only mounted in the welded sleeve of the arms. Monoballs must be same size on both sides.
8. Any component or device that will permit the movement or rotation of the rear end housing will not be permitted.
9. Competitors presenting vehicles for inspection of the minimum body height and minimum ground clearance will be measured using a four (4) inch block under the main frame rails with their tires inflated to the technical inspection pressures set forth at the end. Any car that damages the scales, creates a delay in tech line, or needs additional assistance other than that provided by CARS Tour officials at ANY inspection period will be subject to \$250 fine and qualifying penalty.

Chassis Construction

Please refer to appendix # 3 below.

Safety

1. Radio communication to the drivers is mandatory, with a minimum of one (1) spotter for each team. Spotter must have the capability to monitor series race control with a scanner.
2. Approved seat belts and double shoulder harness will be required, no older than five (5) years. A crotch strap will be required.
3. A capable form of head & neck restraint must be used. A strap-type neck restraint is mandatory (No Neck Collars). Drivers will not be allowed on the racetrack at any time without proper neck restraints in place.
4. Helmet must be Snell2010 standard or better and have sticker visible for inspection. Full-face helmets required.
5. Clean, full driving suit, approved gloves, and shoes for fire protection are mandatory.

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 and must be fastened with a minimum of six (6) half-inch bolts or securely welded to series' approval. The interior area of the vehicle must be completely enclosed. Any device or duct work that permits air to pass from one area of the interior to another, or to the outside of vehicle will not be permitted.
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. All lead weights must be securely fastened. No lead weights will be permitted in driver's compartment. Any lost weight will 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.
12. Numbers must be a minimum of 21" 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.
13. A car number at least six inches (6") in height must be placed in the upper right hand corner of the windshield.
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. A working Fire Suppression system or driver accessible fire extinguisher is required. All cars must have a fuel quick disconnect or SRI Performance vacuum style fuel shut off placed at the point the fuel exits the cell. No manual shutoffs.
17. All windshields on car must be made of Lexan and be clear in appearance all the way around the car and be flush with the mounting bed.

General

1. All vehicles must be capable of starting under their own power. Push starts are allowed after the race has begun, however, no vehicle may be pushed onto the racing surface under any conditions while trying to start the vehicle.
2. All rules and regulations are subject to interpretation of CARS Tour officials. The CARS Tour reserves the right to add, delete, or modify these rules. The Tour Director and/or Technical Director shall be empowered to permit minor deviations from any of the specifications or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements.

Tires/Wheels

1. Only 15" diameter, 10" wide, 5 studded wheels are permitted. All wheels must have the same width and the same offset. NO bleeder valves allowed. All wheels must have the car number displayed on the outside half of the wheel.
2. CARS Tour Hoosier F45-RS approved tires only.
3. All tires designated for use as "race tires" must be bought the day of the event from the tire vendor and held in a "Series controlled" impound area.
4. Tires designated by the team to be "race tires" will **NOT** leave the impound area until the car is IN LINE for pre-qualifying technical inspection.
5. Tires may not be treated or altered in any manner. Additionally, tires may not be heated in any manner.
6. **NO** tire rating equipment allowed in pit area at any time during an event.

Weight

5. MINIMUM **OVERALL** weight is as follows:
 - FORD CRATE-----3100 lbs
 - HMS ENFORCER-----3100 lbs
 - CHEVROLET UPGRADE SPEC-----3100 lbs
 - CHEVROLET 604 CRATE-----3100 lbs

6. MINIMUM **RIGHT SIDE** weight is as follows:

-FORD CRATE-----1375 lbs

-HMS ENFORCER-----1375 lbs

-CHEVROLET UPGRADE SPEC-----1375 lbs

-CHEVROLET 604 CRATE-----1375 lbs

7. All ballast weight added to the race car must be bolted securely in place inside a steel weight container, and painted white with car number clearly displayed on the weight. Minimum weight of individual weight blocks is 5 lbs. No weight box may be lower than frame or sub-frame. Vehicles not in compliance will not be allowed to go onto the racing surface for any reason.
8. All lead weights must be painted white, with car number painted on each individual piece. All lead weights must be securely fastened. No lead weights will be permitted in driver's compartment. Any lost weight will result in a \$10 per pound fine. No tungsten or similar weight allowed.
9. Additional weight breaks, if any, will be determined on a per track basis and communicated through the event entry form.

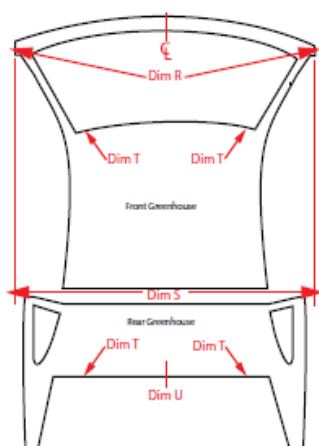
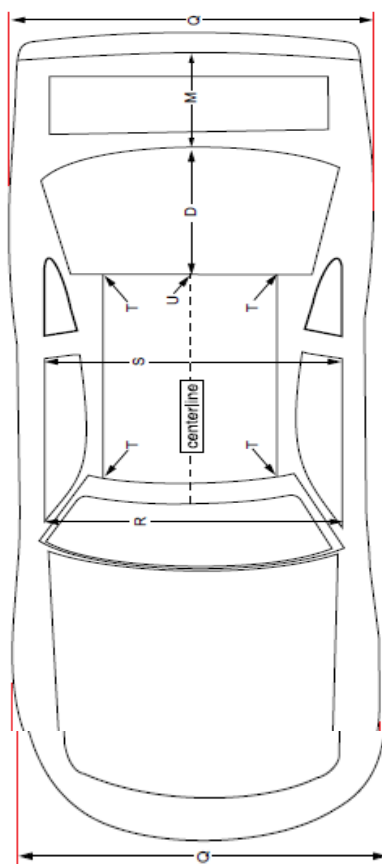
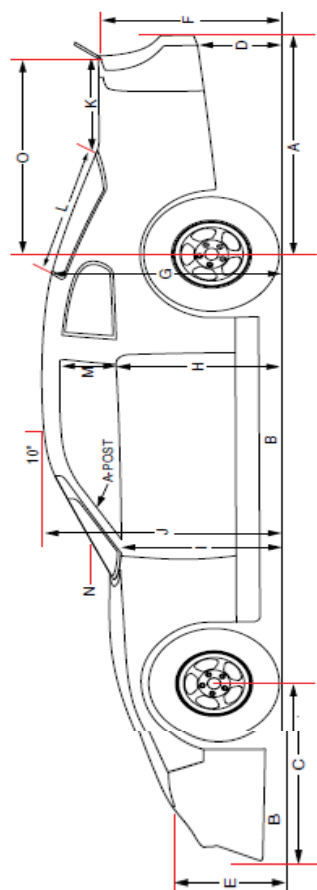
Appearance and Identification

1. All vehicles must present neat appearance. Vehicles still having damage or missing parts from previous events may not be allowed to compete.

Transponders, Mounting and Control

1. Transponders will be issued by the tour at each event. Transponders will be attached to the bottom of the right axle tube with the indicator light facing the right rear tire.
2. Transponders will be issued and turned in at the command trailer. It is the responsibility of the team to ensure that the transponder is correctly installed on vehicle prior to going onto the racetrack for any reason. It is also the responsibility of the team to ensure that the transponder is returned to the CARS Tour trailer following each event and prior to departing the speedway.
3. Failure to return a transponder prior to leaving the track will result in a minimum fine of \$400.00

Late Model Stock Car Diagram Appendix #1



ROOF MOUNTING


1. Properly locate your roof using the dimensions in the chart at right.
2. Confirm that Dim. J, measured 10" back from the windshield, on the centerline) is 48".

NOTES:

1. DIM R is measured at the A-posts and the inside edges of the doors.
2. DIM S is measured at the B-posts and the inside edges of the doors.
3. The T and U dimensions are taken at the edge of the roof (not on the ledge where the window sits) and are measured from the floor up. Look for the scribe line indicators in the window bed for the locations to measure dimension T.

LMSC

Late Model Stock Car

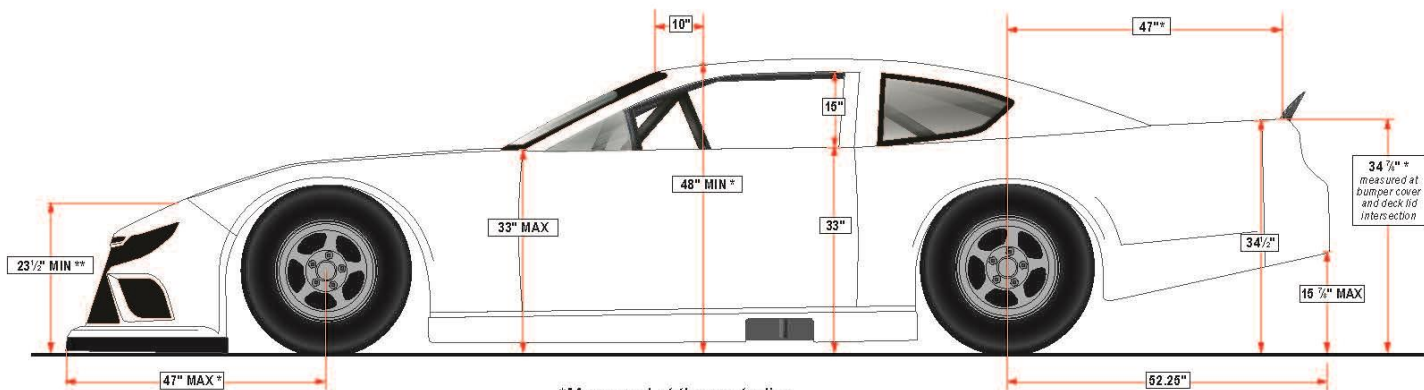
- Fits Late Model Stock perimeter chassis
- 48" roof height
- Maximum tread width: 64-1/2"
- Wheelbase, plastic fenders: up to 106"
composite fenders: up to 108"
- Approved for use in 

DIMENSION GUIDELINES

A	REAR OVERHANG (MAX): base of spoiler at centerline to axle centerline	52"
B	NOSE/SIDE PANEL CLEARANCE (MIN): from ground	4"
C	FRONT OVERHANG (MAX): on centerline	46"
D	BUMPER COVER HEIGHT (MAX): from ground	15 1/2"
E	NOSE HEIGHT (MIN): at nose & hood seam	23"
F	QUARTER PANEL/BUMPER COVER HEIGHT: at bumper cover/deck lid intersection	34 1/2"
G	ROOF HEIGHT, REAR (MIN): at center rear edge	45 3/4"
H	DOOR HEIGHT: at rear	33"
I	FRONT FENDER HEIGHT: at A-post (MAX)	33 1/2"
J	ROOF HEIGHT (MIN): 10" back from windshield, on centerline	48"
K	DECK LID LENGTH (MAX): at center, from base of spoiler to rear window	23 1/4"
L	REAR WINDOW LENGTH: on centerline	31 1/2"
M	SIDE WINDOW OPENING (APPROX): at B-post	15"
N	WINDSHIELD ANGLE: at center/at roof windshield post	26°
O	REAR OVERHANG (MAX): base of spoiler at centerline to axle centerline	47"
Q	BODY WIDTH (MAX): at wheel wells must not extend past tires	
R	DOOR TO DOOR WIDTH (measured through car): at A-posts & inside edges of doors	67"
S	DOOR TO DOOR WIDTH (MEASURED THROUGH CAR): at B-posts and inside edges of doors	65 1/2"
T	ROOF HEIGHT, CORNERS: at body lines, front	45 1/8"
T	ROOF HEIGHT, CORNERS: at body lines, rear	44 1/4"
U	ROOF HEIGHT, rear: at centerline	45 3/4"



FIVE STAR RACE CAR BODIES 2020 LATE MODEL STOCK BODY

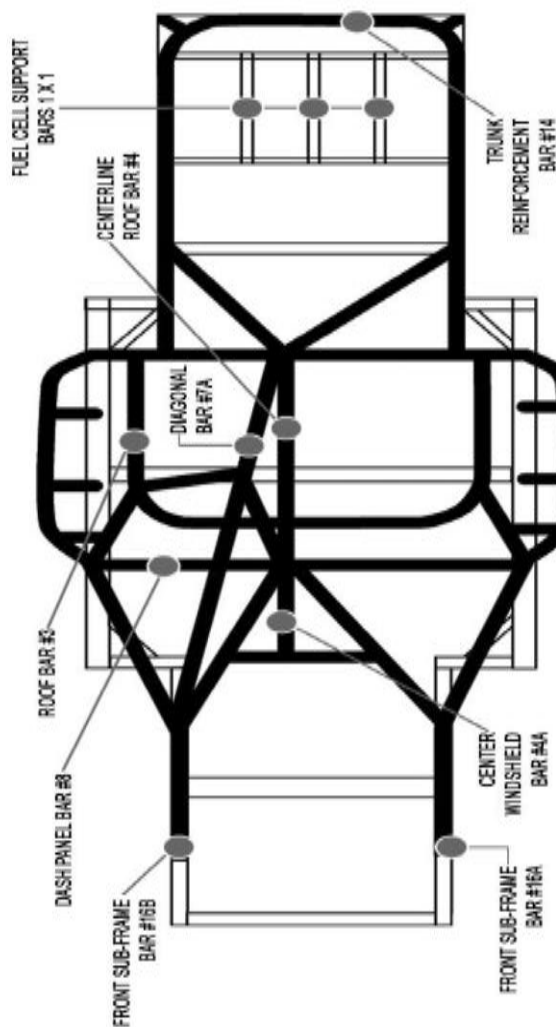


*Measured at the centerline.

** Measured at nose/hood seam on centerline, with nose on 4" blocks.

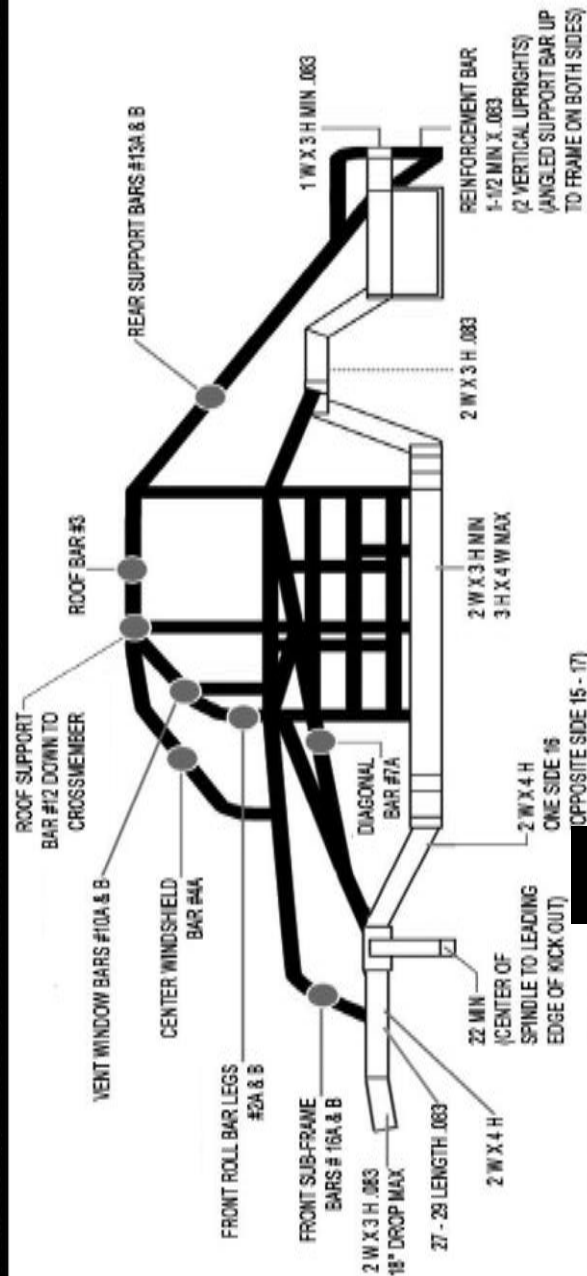
Late Model Stock Car Diagram Appendix #2 Chassis Construction Appendix # 3

DIAGRAM #2 - TYPICAL ROLL CAGE AND FRAME CONSTRUCTION (PLAN VIEW)



NOTES: UNLESS OTHERWISE SPECIFIED, ALL UNITS ARE INCHES.

DIAGRAM #3 - TYPICAL LATE MODEL ROLL CAGE & FRAME CONSTRUCTION



NOTES: UNLESS OTHERWISE SPECIFIED, ALL UNITS ARE INCHES. 22-25 DEGREES RISE .083

DIAGRAM #5 - BASIC NASCAR ROLL CAGE STRUCTURE

(SOME BARS REMOVED FOR CLARITY)

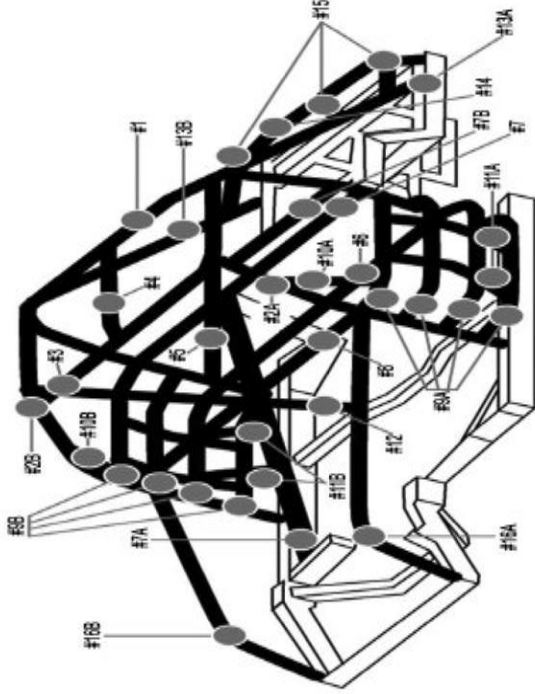


DIAGRAM #4 - EXPLODED VIEW OF BASIC ROLL CAGE

(SOME BARS REMOVED FOR CLARITY)

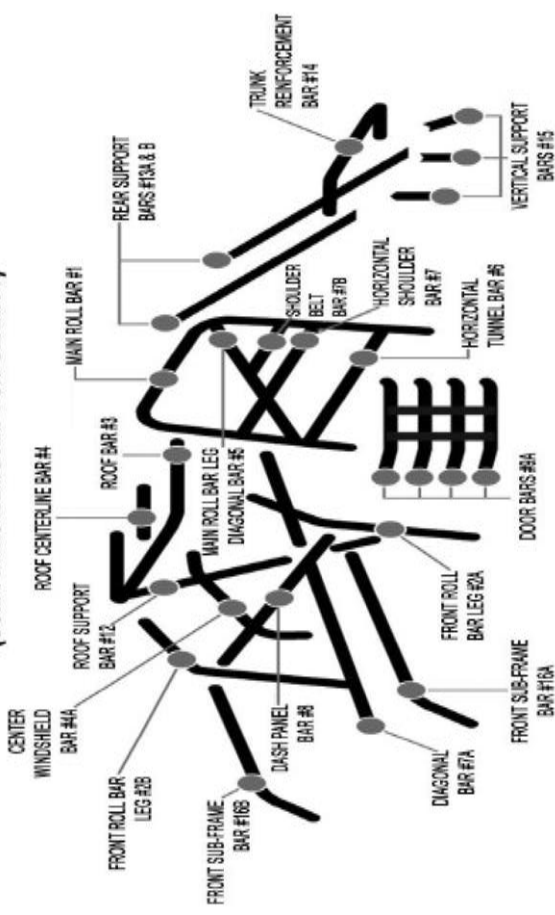


DIAGRAM #1 - TYPICAL NASCAR FRAME (PLAN VIEW)

