



2018 Big Country Speedway Rules

Contents

Section 1 GENERAL RULES	8
1.1 GENERAL POLICIES AND PROCEDURES APPLICABLE TO ALL DIVISIONS	8
1.2 GENERAL DISCLAIMER	8
1.3 LIABILITY	8
1.4 RULES OF CONDUCT	9
1.5 MISCONDUCT FINES	9
1.6 INTOXICANTS AND NARCOTICS	10
1.7 RETURNED CHECKS	10
1.8 ELIGIBILITY	10
1.9 CAR/DRIVER REGISTRATION	10
1.10 CAR IDENTIFICATION NUMBER	11
1.11 DRIVER/CAR CHANGES	11
1.12 FLAGGING RULES/PROCEDURES	12
1.13 POINT SYSTEM	13
1.14 DIVISION OF PURSES	14
1.15 CONDUCT OF RACES	14
1.16 RACING PROGRAM	14
1.17 RAIN OUTS	14
1.18 LENGTH OF EVENTS	15
1.19 TIMING FOR POSITION	15
1.20 POST RACE TECH	16
1.21 OTHER PROTESTS/TEAR DOWNS AND PENALTIES	16
1.22 PROTEST FEES	18
1.23 SAFETY	18
1.24 WINDOW NETS	19
1.25 COOLING SYSTEMS	20
1.26 FUEL SYSTEMS	20
1.27 BATTERIES:	20
1.28 SEATS	20
1.29 DRIVE SHAFTS	21
1.30 STEERING WHEEL	21
1.31 TRACTION CONTROL DEVICES ARE NOT ALLOWED	21
1.32 STANDARD TRANSMISSION CARS	21

1.33 TOW HOOKS	21
1.34 NO DUMPING	21
1.35 NO OPEN FIRES	21
1.36 RADIOS, TRANSPONDERS & RACE RECEIVERS	21
1.37 PERSONAL VEHICLES	21
1.38 NO PETS AND NO BICYCLES.	21
1.39 POWER IN THE PITS	21
1.40 NOISE LIMITS	21
Section 2 Super Stock Rules	22
2.1 CAR ELIGIBILITY:	22
2.2 THE CAR & BODY:	22
2.3 WINDSHIELD & GLASS:	23
2.4 ENGINE SPECIFICATIONS:	23
2.5 ENGINE DISPLACEMENT:	23
2.6 OIL PAN: Stock appearing or racing oil pan	23
2.7 CRANKSHAFT & BALANCER: Stock only.	24
2.8 CYLINDER HEADS:	24
2.9 INTAKE MANIFOLD:	24
2.10 CAMSHAFT, VALVE LIFTERS and ROCKER ARMS:	24
2.11 COMPRESSION: 10 to 1 maximum compression.	24
2.12 EXHAUST:	25
2.13 CARBURETOR:	25
2.14 ELECTRICAL/ BATTERY:	26
2.15 COOLING SYSTEM:	26
2.16 TRANSMISSION:	26
2.17 CLUTCHES:	27
2.18 REAR END: Stock rear end only.	27
2.19 BRAKES: No deviation from stock allowed.	27
2.20 ROLL BARS:	27
2.21 SUSPENSION:	28
2.22 SPINDLES: Stock spindles only.	28
2.23 STEERING: Stock steering system only.	29
2.24 WHEELS & TIRES:	29
2.25 WEIGHT:	29

2.26 FUEL:	29
2.27 FUEL TANK:	29
Section 3 Pure Stock Rules	30
3.1 CAR ELIGIBILITY:	30
3.2 CAR & BODY:	30
3.3 CAMSHAFT:	31
3.4 EXHAUST MANIFOLD	31
3.5 CARBURETOR: The Holly R4412 is the only legal carburetor.	31
3.6 ELECTRICAL & BATTERY:	32
3.7 COOLING SYSTEMS:	32
3.8 TRANSMISSION:	32
3.11 ROLL BARS:	33
3.12 SUSPENSION:	34
3.13 SPINDLES: Stock spindles only.	34
3.14 STEERING: Stock steering system only.	34
3.15 WHEELS AND TIRES	34
3.17 FUEL:	35
3.18 FUEL TANK:	35
Section 4 Pro4 Modified Rules	36
4.1 ENGINE	36
4.2 VALVES	36
4.3 CARBURETOR	36
4.4 FUEL INJECTION	36
4.5 WEIGHT	36
4.7 BODY	36
4.8 WHEELS	36
4.9 TIRES	36
4.10 CHASSIS	36
4.11 SAFETY INSPECTION	36
4.12 BUMPERS	36
Section 5 Grand American Modified	37
5.1 CAR & BODY	37
5.2 WINDSHIELD AND GLASS	37
5.3 WEIGHT RULES WITH DRIVER POST RACE: 2500 lbs. minimum and must be posted on the passenger	

side corner of the roof.	37
5.4 SPOILER:	38
5.5 FRAME/FRAME CLEARANCE:	38
5.6 TREAD WIDTH:	38
5.7 WHEELBASE: 108 inch minimum – both sides – No tolerance.	38
5.8 SUSPENSION:	39
5.9 SHOCKS/SPRINGS:	39
5.10 BRAKE SYSTEM:	39
5.11 CARBURETOR:	40
5.12 IGNITION:	40
5.13 COOLING SYSTEMS:	40
5.14 EXHAUST:	40
5.15 MIRRORS:	40
5.16 CLUTCH/TRANSMISSIONS:	40
5.17 DRIVE SHAFTS:	41
5.18 REAR ENDS:	41
5.19 WHEELS/TIRES:	41
5.20 FUEL SYSTEM REQUIREMENTS	41
Section 6 LATE MODEL CLASS RULES	43
6.1 BODIES	43
6.2 CHASSIS Type is optional. A 104” minimum wheelbase is required.	43
6.3 WEIGHT	43
6.4 ENGINES	43
6.5 MANIFOLD	43
6.6 CARBURETOR.	43
6.7 PISTON Must be flat top or dished type, NO dome pistons.	43
6.8 RODS No aluminum.	43
6.9 CRANKSHAFT Stock stroke for the engine being used must be maintained.	43
6.10 OILING SYSTEMS If dry sumps are used additional weight may be added.	43
6.11 CLUTCH	43
6.12 TRANSMISSIONS Must have a working reverse gear.	43
6.13 TIRES: Any 10” Hoosier	43
6.14 HUBS	43
6.15 WHEELS:	44

6.16 FUEL SYSTEM	44
6.17 DRIVE SHAFTS Must be 2” minimum diameter.	44
6.18 MUFFLER Mufflers are mandatory, must meet noise ordinance 95 decibel.	44
6.19 DEFLECTOR PLATES	44
6.20 TOW HOOKS	44
6.21 RADIO’S REQUIRED	44
Section 7 WARRIOR CLASS RULES	45
7.1 CAR ELIGIBILITY:	45
7.2 BODY:	45
7.3 ROLL CAGE:	46
7.4 SEATBELTS:	46
7.5 WINDOW NETS: Window nets are mandatory.	47
7.6 TIRES AND WHEELS:	47
7.7 BATTERIES:	47
7.8 ENGINE:	47
7.9 TRANSMISSION AND REAR AXLE:	47
7.10 BRAKES:	47
7.11 EXHAUST:	47
7.12 STEERING AND SUSPENSION:	48
7.13 COOLING SYSTEMS:	48
7.14 FUEL AND FUEL TANKS:	48
7.15 TOW HOOKS:	48
7.16 MIRRORS: No mirrors will be allowed.	48
7.17 BREAKOUT RULE	48
7.18 CAMBER	49
7.19 SUPER WARRIOR	49
Section 8 Vintage Late Model Class Rules	50
8.1 BODIES	50
8.2 CHASSIS Type is optional. A 104” minimum wheelbase is required.	50
8.3 WEIGHT	50
8.4 ENGINES	50
8.5 MANIFOLD	50
8.6 CARBURETOR.	50
8.7 PISTON	50

8.8 RODS No aluminum.	50
8.9 CRANKSHAFT Stock stroke for the engine being used must be maintained.	50
8.10 CLUTCH	50
8.11 TRANSMISSIONS Must have a working reverse gear.	50
6.12 TIRES: CNS Take Off's Only – NO NEW TIRES	50
6.13 HUBS/SUSPENSION	50
8.14 WHEELS:	50
8.15 FUEL SYSTEM	51
8.16 DRIVE SHAFTS Must be 2" minimum diameter.	51
8.17 MUFFLER Mufflers are mandatory, must meet noise ordinance 95 decibel.	51
8.18 DEFLECTOR PLATES	51
8.19 TOW HOOKS	51
8.20 RADIO'S OPTIONAL	51

Section 1 GENERAL RULES

*****APPLIES TO ALL CLASSES PLEASE READ ALL RULES CAREFULLY*****

1.1 GENERAL POLICIES AND PROCEDURES APPLICABLE TO ALL DIVISIONS

Race Day Maker's hereafter referred to as RDM welcomes all drivers, owners and crew members to race at Big Country Speedway hereafter referred to as BCS.

Persons under the age of 18 must provide a signed minor release form to the track officials prior to entering the pit area. Release forms are available at the pit entrance. Please read all rules carefully. If you intend to build a race car which might be questionable under any rules, please contact the Track Tech or RDM before proceeding.

NOTE: IF YOU HAVE ANY QUESTIONS ABOUT THESE RULES, CONSULT THE TRACK TECH, TRACK OFFICIAL OR TRACK MANAGEMENT.

1.2 GENERAL DISCLAIMER

The rules and regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptance 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 THE PUBLICATION 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 and/or death to a participant, spectator or any other person.

BCS/RDM shall be empowered to permit deviation from any of the specifications herein or impose any further restrictions that in their collective opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the TRACK OFFICIALS/RDM. THEIR DECISION IS FINAL. BCS/RDM reserves the right to visually and physically inspect any vehicle prior to the event, during the event, or after the event in order to determine compliance with these rules.

It is the responsibility of all participants of BCS to be familiar with and understand the intent of all rules as herein stated. If you have any questions about the general or safety rules consult with a Track Tech or Track Management.

1.3 LIABILITY

1.3.1 INJURIES AT THE TRACK Any injury at the track must be reported to a RDM immediately; but no later than 48 hours after the injury occurs.

1.3.2 Physician's Release: Any driver injured during a sanctioned race will be required to obtain a Physician's Release before they will be allowed to operate a race car again at BCS. In addition, a return to racing will cancel benefits for prior injury as of that date. Any driver arriving with an injury from another source must obtain approval from a physician before he/she can participate in a sanctioned race event,

1.3.3 STATEMENTS OF LIABILITY ASSIGNMENT Do not make statements to doctors or hospitals about RDM/BCS paying for your bills. This may not be true. RDM/BCS and/or their insurance company may not consider your bill to be a legitimate claim.

1.3.4 REPORTING PERSON Claims must be made by the injured person or next of kin.

1.3.5 INSURANCE Remember, you and/or your insurance company are primarily responsible for your doctor and hospital bills. RDM/BCS insurer is only a secondary coverage.

1.3.6 AMBULANCE Track Insurance does not nor has it ever paid Ambulance fees. This cost, if incurred is your responsibility.

1.3.7 REIMBURSEMENT DUE TO NEGLIGENCE Track Insurance may seek reimbursement of claims paid if deemed caused by negligence.

1.4 RULES OF CONDUCT

1.4.1 DRIVER'S RESPONSIBILITY Drivers are responsible for the conduct and actions of their CREW members.

1.4.2 SPORTSMANLIKE CONDUCT All participants' will conduct themselves in a sportsmanlike manner. Every participant at BCS shall conduct themselves as a gentleman or a lady at all times when appearing before the public as a contestant or as an official.

1.5 MISCONDUCT FINES

1.5.1 Fines and/or suspensions may be assessed by Track Officials or RDM.

1.5.2 Misconduct such as Social Media, Facebook, tantrums, obscene gestures or vulgarity may result in a minimum \$100.00 fine and/or suspension.

1.5.3 Demonstrations: Participants of BCS or members of other sanctioned clubs racing as visitors who agitate or create a demonstration while on the premises may be suspended for one or more race events and/or fined by RDM.

1.5.4 Speeding There may be a \$50.00 fine charged for excessive speed in pits; as determined by track officials.

1.5.5 Fighting- Anyone found guilty of fighting (upon review by RDM) at a sanctioned function will be fined up to \$200.00 and/or suspended for one week.

1.5.6 Second offense may result in suspension for the remainder of the racing season.

1.5.7 Fines To Be Paid -All fines must be paid and suspension time completed before the offender is allowed to participate in functions or enter the property.

1.5.8 Suspension may begin after the fine is paid in full at the discretion of RDM.

1.5.9 Loss of points or prize money. If the offender is a driver/owner, he/she may lose points and/or money won at that particular race events.

1.5.10 Any person entering another pit in a disorderly manner will be determined to be the aggressor if a conflict arises.

1.5.11 Any person striking or pushing any Track Official/ RDM staff may be suspended for the remainder of the night, and will lose all points and money gained that night.

1.5.12 Second Offense: will result in suspension and loss of all points

1.5.13 Notification: Any event that results in a fine or suspension will be dealt with within 7 days after the notification or the behavior to include written notification mailed or delivered in person to the offender or how RDM determines to handle it.

1.6 INTOXICANTS AND NARCOTICS

The use of intoxicants and/or narcotics by anyone in the pit area is strictly prohibited before and/or during racing events. NO alcohol will be permitted in the pits until the start of the final race of the night if purchased from the BCS Beer Garden (no personal alcohol until after the conclusion of all races). If you are crew for a car racing in the final race you may not purchase or consume alcohol until all races are completed. Persons found guilty will be faced with the penalty of immediate expulsion from the event and removal from the property by security personnel.. All Drivers and crew may be subject to random drug testing at RDM discretion. If test is positive immediate expulsion and suspension may occur. If you have a pit pass you must surrender it if you wish to consume alcohol in the grandstands. You may NOT return to the pits until after the conclusion of the night's race events.

1.7 RETURNED CHECKS

All returned checks must be paid in cash plus a \$45.00 returned check fee. Charges must be paid in full to RDM/BCS prior to participation in any sanctioned event. All fees must be paid in full in order to be eligible for points, trophies and/or prize money.

1.8 ELIGIBILITY

1.8.1 ILLEGAL CARS If your car doesn't conform to BCS rules, you will start at the back of the fast heat, and the main event. You may time in, but will not run in the dash.

1.8.2 CLASS ELIGIBILITY: Each class of cars must have 3 cars qualify in order to run that class for points and purse money. If less than 3 cars qualify in one class, they may be allowed to run at RDM discretion.

1.8.3 CAR CONDITION All cars must begin all races and timing with a complete body unless wrecked and approved by track official.

1.9 CAR/DRIVER REGISTRATION

1.9.1 All cars must be registered. Each car owner must pay a registration fee per fiscal year of February 1 through January 3. Visiting classes are not required but are strongly encouraged to register.

1.9.1a Each car entered under a different number will require its own registration

1.9.1b To be eligible for points, trophies and/or prize money, the vehicle must be registered prior to the night's first event.

1.9.1c In order to register; the driver must provide his/her complete name, address and social security number to RDM/BCS and must pay the registration fee.

1.9.2 UNREGISTERED VISITORS

1.9.2a Visitors would be any driver that is not a member of a traveling class

1.9.2b Visitors are **not eligible** for track records.

1.9.2c Visitors **may not** receive points or purse money. Exceptions may be made at RDM discretion.

1.9.3 CAR NUMBERS are the property of the car owner and upon a change of car ownership the number must be removed unless reissued and the transfer is approved by both drivers and Track Officials.

1.9.3a Multiple Cars: Any participant of BCS shall be allowed to have 2 or more cars of the same class under the same number, but may not run them simultaneously.

1.9.3b Car number and driver are one in the same. A new driver requires a new number and a new registration.

1.9.4 PIT PASS Each driver, pit attendant/crew/fan and employee shall have a pit pass arm band which must be worn at all times during race events. **NO EXCEPTIONS!**

1.9.5 DRIVER'S MUST SIGN IN AT PIT OFFICE Drivers are required to sign in at the pit office for each event. Failure to do so may result in a car not being allowed to time in or be scored

1.10 CAR IDENTIFICATION NUMBER

1.10.1 No car number shall be more than 2 numerical digits.

1.10.2 No alpha numbers/characters will be allowed except for visiting cars.

1.10.3 Number must be at least 15 inches high, and in a contrasting color.

1.10.4 Numbers must appear on both side door panels and on the roof of the car (facing the grandstands, when the car is at the start/finish line).

1.10.5 If numbers are not legible, RDM/BCS will not be responsible for purses or points not received.

1.10.6 If you have a number that you want to keep, you must have it registered it by Feb 1st of each year. **NO EXCEPTIONS!**

1.11 DRIVER/CAR CHANGES

1.11.1 USE OF ANOTHER CAR You may use another car within your class if your car is scratched before the event. Substitute car must have passed BCS safety tech and could be subject to post race tech.

1.11.2 SUBSTITUTE CAR NUMBERING If you use another car your number must be placed on both side door panels to cover the original number.

1.11.3 IF NUMBER IS NOT CHANGED If the number change is not made to the borrowed car, then the driver/car will be disqualified for that event and no points or money will be awarded.

1.11.4 SUBSTITUTE CAR STARTING POSITION Substitute cars will be required to start the back of the pack.

1.11.5 All Driver/Car Changes must be reported to the Pit Steward immediately.

1.11.6 DRIVER SUBSTITUTION After a car has timed once, it may not be timed by another driver for any reason.

1.11.a If a Driver Substitution is necessary, prior approval must be obtained from RDM

1.11.6b If the wrong driver is found driving a car both of the drivers will be disqualified and required to leave the speedway for the remainder of the night. **DO NOT ARGUE WITH ANY RDM/BCS TRACK OFFICIAL.** If you have a question about a ruling, contact that official after the night's events, but only at their convenience. Rulings by track officials are final.

1.12 FLAGGING RULES/PROCEDURES

1.12.1 FLAGGING AND CONTROL The flags and lights will be under the control of the flagman and/or the flagman's assistant (under the flagman's direction) at all times.

1.12.2 INTERFERENCE OR DISTRACTION OF FLAGMAN OR OFFICIALS Anyone interfering or distracting the flagman/judges or any other official during the events may be removed from the speedway for the remainder of the meet.

1.12.3 OFFICIALS CALLS ARE FINAL: CALLS MADE BY THE FLAGMAN AND OFFICIALS ARE JUDGEMENT CALLS AND THEREFORE THESE CALLS ARE FINAL AND MAY NOT BE PROTESTED.

1.12.1 GREEN FLAG:

Signifies the start or restart of the racing event. When the yellow light is turned off during the parade lap, the flagman is prepared to start the race. All cars must be closed up nose-to-tail and hold their positions until the green flag is thrown. Any cars jumping positions or holding up the race may be sent to the rear of the field. If the same car brings out the caution twice before the 1st lap is complete, that car may be sent to the back of the pack. If the yellow flag comes out before the first lap is complete an original restart is required. Once you have taken the initial green flag you will be awarded points for that race. All cars must cross finish line to make one complete lap. Cars can re-enter race track on green as directed by Track officials.

1.12.2 YELLOW FLAG:

Signifies a CAUTION AND SPEED REDUCTION. DRIVERS MUST MAINTAIN A CONSTANT PACE LAP SPEED. No racing to the yellow flag- no passing allowed, hold your position. Laps completed under the yellow flag will not count. The re-start line up will be determined from the last completed green flag lap. Any car or cars involved with causing a yellow flag will be sent to the back of the pack, unless Track officials can determine who caused the yellow to come out. Cars spinning or stopping to avoid the incident causing the yellow, will maintain their position as of the last lap completed, upon discretion of Track officials. No cars shall stop on the race track, unless directed by an official to discuss anything with crew members or fans. **IF ANY CAR STOPS ON A YELLOW FLAG THEY MAY BE DISQUALIFIED FROM THE EVENT.** No one is allowed on the track during a yellow flag except officials. Pit crews entering the track or a driver getting out of his/her car during a yellow will be disqualified for the event. No cars will be allowed to exit the track thru the entrance unless directed by an official. Anyone who does this will receive a \$250.00 fine and a 3 week suspension. Cars can re-enter the race track only as directed by track officials. If you leave the track for repairs you will have 3 minutes to return to the race,(ref Rule 1.12.2a). There will be no speeding in the pits, speed limit is 5 mph. Speeding will result in a \$50.00 fine and/or suspension as deemed by track officials.

1.12.2a 3 MINUTE RULE- drivers will have three minutes to return to the track after leaving under the yellow, the driver can only benefit once a race from the 3 minute rule, the 3 minutes will start immediately once the car is clear of the racing surface.

1.12.3 RED FLAG:

Signifies the race is stopped!!! A red flag means that the race must be stopped immediately regardless of the position of the cars on the track. All cars must stop as quickly and safely as possible when the red flag appears. When directed by a track official the drivers will proceed, in a safe manner, to the designated area (turn 3 & 4). Do not get out of your car unless on fire or instructed to do so by a track official. If the car is in the infield and is not in the way (off racing surface); the car will be left until the conclusion of the event, unless directed otherwise by track officials. Cars will not be allowed to move during a red flag period, unless directed by a track official. Cars that roll under Red may be DQ'd.

1.12.4 BLACK FLAG:

Signifies disqualification from the event. Cars that are disqualified during an event must leave the track immediately. If a driver refuses the black flag, he/she may be fined \$10.00 per lap. Cars may be disqualified for several reasons, including but not limited to:

1.12.4a Reckless Driving or excessive roughness will not be tolerated. This will result in disqualification. Disqualification will result in no points or money awarded to the driver for the event and in extreme cases will result in a minimum \$50.00 fine and/or suspension. Suspension will not start until the fine is paid in full.

1.12.4b Safety Problems or Owner's Request. A car may be disqualified from an event if it is determined that there may be a safety problem with the car by track officials or at the request of the owner or crew. If a car is disqualified for this reason the driver will be awarded the points/money for their finishing position.

1.12.4c Cars that spin twice unassisted bringing out the caution (as determined by track officials) may be black flagged.

1.12.5 CROSSED GREEN & YELLOW FLAGS:

Signifies the halfway point in the race

1.12.6 WHITE FLAG:

Signifies the start of the last lap. If the yellow flag comes out after the white the race will finish as green, white, checkered, there will only be two attempts to finish the race. Lineup will be determined from the last fully completed green flag lap by track officials.

1.12.7 CHECKERED FLAG:

Signifies the end of the race. When the checkered flag has been displayed to the lead car, the balance of the field receives the flag on the same lap. Track official's decisions are FINAL.

1.13 POINT SYSTEM

Points will be awarded as follows:

1.13.1 Timing: 15-13-12-11-10-9-8-7-6-5-4-3-2-1-1-1, etc.

1.13.2 Main Event: 1-26 2-24 3-22 4-20 5-18 6-16 7-14 8-12 9-10 10-8 11-6 12-4 13-2 14-2 15-2 etc.

1.14 DIVISION OF PURSES

1.14.1 *Purse: To be determined by RDM.

1.14.2 Special Classes: When special classes of cars, other than our normal classes race, they will be paid their own purse as determined by RDM/BCS.

1.15 CONDUCT OF RACES

1.15.1 Race Line Ups will be set by RDM.

1.15.2 RACE START REQUIREMENT Racers will have 3 minutes after the first car hits the track for that racer to enter the race. If not on the track within 3 minutes of the first car hitting the track they will not be allowed to compete in that race. NO EXCEPTIONS

1.15.2 Restart Lineups are determined by Track officials, except for original restarts. Original restarts are done only if cars have not completed one (1) lap. Cars causing a yellow flag on the start may be penalized and be sent to back of the pack as determined by track officials.

1.15.3 Spinning off the racing surface. Any car that spins off the track must return in a safe manner.

1.15.4 Any car leaving the track for any reason must wait for track officials clearance to re-enter the race.

1.16 RACING PROGRAM

1.16.1 Pit area will be opened at 1:00 pm. Hot lapping/practice will be from 1:45 pm until 4:45 pm or as soon as track conditions will allow. Grandstands will open to the public at 3:00 pm. The pit meeting will be held at 5:00 pm. All Drivers and Crew are required to attend the pit meeting. Qualifying will begin at 5:30 pm. Racing will begin at 6:00 pm sharp.

1.16.2 Class order will be set by RDM/BCS Officials.

1. HOT LAPPING/TIME TRIALS
2. TROPHY DASHES
3. HEAT RACES (slow heat first)
4. MAIN EVENT

1.17 RAIN OUTS

1.17.1 RAINOUT DETERMINATION A race can be called in the case of inclement weather as determined by RDM.

1.17.1a If eight (8) races have been completed then it will constitute a race event and points and money will be awarded for those race events as determined by RDM.

1.17.1b If eight (8) races have not been completed it will constitute a rain out and no points or money will be awarded.

1.17.1c All persons retaining and presenting admissions tickets from a rain out will be admitted to your next meet.

1.17.1d Persons with rain check admission tickets must pay the difference, if any. General Admission Rain Out tickets are not applicable for Special Events. Special Event Rain Outs will/may have separate Rain out Policies.

1.17.1e General admission rain checks are only good for the next meet following the rain out. For traveling classes, rain checks are good for their next scheduled race meet only.

1.18 LENGTH OF EVENTS

1.18.1 Trophy Dashes will run 8 laps or as determined by track officials.

1.18.2 Heat Races will run 12 laps. If 10 or more cars are present for any class they can be split into a fast and slow heat at the discretion of the RDM.

1.18.3 Main Events for all classes will run 20 to 35 laps upon official's discretion (excluding special events). Main event time limit is to be determined by using one minute per lap.

Example: a 30 lap main will be given 30 minutes to run.

1.19 TIMING FOR POSITION

1.19.1 SCALING All divisions may be scaled before each qualifying/timing/racing session at Tech's request.

1.19.2 DROPPING TIME If you drop time you will be put to the back of the fast heat and to the back of the pack for the main event

1.19.3 BREAK-OUT RULE If you beat your qualifying time by more than .3 (3 tenths) in any race this will result in loss of qualifying points. If you break out 2nd time you will lose all points for the night.

1.19.3a If you think you can beat your qualifying time and wish to attempt a better lap time you can purchase another qualifying lap for \$20.00 at the pit office. If you do beat your time by more than .3 (3 tenths) your \$20.00 will be refunded.

1.19.4 ROOKIES Will be required to start in the back of the pack in all events for three scheduled nights.

1.19.5 TIMING DELAYS In the event of a delay in timing or unable to get cars timed in due to track conditions we will revert back to the time from the previous race event.

1.19.6 LATE ARRIVALS If cars were not timed they will automatically go to the back of the fast heat. In the event a car fails to qualify AND misses the heat race, that car will start in the back of the main event.

1.19.6a No one from the fast heat will be bumped to the slow heat.

1.19.6b No timing points will be awarded to cars that were unable to qualify.

1.19.6c All cars must time in with their class, no exceptions.

1.19.6d If a car fails to qualify, timing from last race event will be used for Breakout Rule enforcement.

1.19.7 QUALIFYING One class per night will do 2 lap qualifying unless otherwise determined by the RDM. All other classes will be timed during hot lap sessions. The best time of any/all sessions for the Race Day will determine qualifying time.

1.19.8 IN THE EVENT OF A TIE In the event of identical times in a class, the car timing first will be given the faster time.

1.19.9 TIMING CLOCK MALFUNCTIONS Anytime the clock malfunctions, the timing will stop until the clock is fixed or until another timing device is substituted.

1.19.10 TRACK RECORDS Track records will be official only when timed on an electronic device.

1.19.10a In order to hold a track record, you must comply with all rules.

1.19.10b Any car setting a track record will go through a tech inspection immediately.

1.19.10c In order to be eligible to set or hold a track record you must be registered BCS driver.

1.19.12 DRIVER SUBSTITUTION After a car has timed once, it may not be timed by another driver for any reason.

1.19.12a *If the wrong driver is found driving* a car both of the drivers will be disqualified and required to leave the speedway for the remainder of the night.

1.20 POST RACE TECH

1.20.1 Top three (3) finishers plus one (1) mystery car will be scaled and tech'd after the main event unless otherwise directed by a track official. Anyone refusing to scale or tech will be disqualified from the night's events. Anyone stopping on their way to the scales from the main events will be disqualified and lose points and money for the night. No cars will be allowed to return to their pits after being scaled before the main event.

1.20.1 Top three (3) finishers plus one (1) mystery car will be scaled and tech'd after the main event unless otherwise directed by a track official. Anyone refusing to scale or tech will be disqualified from the night's events. Anyone stopping on their way to the scales from the main events will be disqualified and lose points and money for the night. No cars will be allowed to return to their pits after being scaled before the main event.

1.20.1a FAILING TECH During a Track tech inspection if car is found illegal points and winnings for that race will be forfeited.

1.20.1b In order to return, any car refusing to Tech or disqualified, must submit to and pass a complete inspection by the track tech upon returning to a scheduled race event and before the car will be allowed to compete.

1.20.1c Three Strike Rule: Refusal to Tech on the same part/area of the car three times will result in disqualification from racing at BCS for the remainder of the season.

1.20.2 TECH PROTESTS: No protests of tech decisions are permitted. All decisions of the judges/officials are final.

1.20.2a Drivers may however request an explanation of lap sheets, this applies to all classes.

1.21 OTHER PROTESTS/TEAR DOWNS AND PENALTIES

1.21.1 Protests must be in writing and be specific.

- 1.21.2** Protests must be reported in writing by the driver to the Pit Steward within 15 minutes the race of being protested. Pit Steward must immediately report the protest to RDM.
- 1.21.3** Acceptance of protests: Track Officials/RDM reserves the right to accept or reject any and all protests.
- 1.21.4** If the protest is on a visual part, it will be done immediately following the filing of the protest.
- 1.21.5** If a tear down is required, the car will be able to finish racing and will be impounded after the last race of the night for that cars class.
- 1.21.6** Track Officials will conduct any teardowns and will be responsible for the visual and/or physical inspections of the protested vehicle.
- 1.21.7 *Who may be present for Tear downs.*** Only the driver and/or owner and one other person of the protesting car, and the driver and/or owner and one other person of the protested car and Track Officials/RDM (or their designated delegate) will be allowed at the teardown. NO EXCEPTIONS!!!
- 1.21.8** Any owner/driver who refuses a teardown shall automatically be found illegal. If you refuse a teardown you will lose all accumulated points for the season.
- 1.21.9** There will be absolutely no alcohol allowed at any teardown.
- 1.21.10** If a teardown is refused, all money will be returned to the protester.
- 1.21.11** In order to return, any car refusing a teardown must submit to and pass a complete inspection by the track tech upon returning to a scheduled race event and before the car will be allowed to compete.
- 1.21.12** RDM reserves the right to protest or teardown any car. If the car is found legal, RDM will buy a basic gasket set.
- 1.21.13 *Disturbances during Teardown,*** while conducting the teardown to include any unsportsmanlike acts such as profanity, disturbances, or fighting may result in fines.
- 1.21.14 *Time Limit:*** All disassembly/teardown will be performed and a decision concluded within 48 hours of the Race Weekends events.
- 1.21.15** If the protested car is found to be legal, the \$100/\$150 will be given to the protested car owner/driver to help defray the cost of rebuilding his/her car.
- 1.21.16** If there is a second teardown on the same car and the car is found illegal again, that car will not be allowed to return for the remainder of the season.
- 1.21.17** Any driver/owner found illegal twice with the same part. The part will be confiscated. All parts confiscated will become property of RDM.
- 1.21.18** Vehicles containing a sealed engine are exempt from engine teardown.
- 1.21.19** RDM/ Track Official's decision will be final in all teardowns.

1.22 PROTEST FEES

1.22.1 Chassis or non Engine Part \$150.00 cash protest fee will be required for a chassis inspection or any non- engine part.

1.22.2 Internal Parts \$200.00 cash protest fee will be required for two (2) internal items.

1.22.3 Additional Items \$25.00 fee will be for each additional item requested. The protester will only be allowed to look at the specific item(s) requested.

1.22.4 Facility Fee \$50.00 will be paid to the tear down facility for their inconvenience.

1.22.5 If the car is found to be illegal, from an internal engine tear down the driver will lose all points accumulated that night and the \$100/\$150 will be returned to the protesting owner/driver

1.23 SAFETY

All cars must complete and pass a safety inspection before being allowed to compete.

1.23.1 ROLL BARS

1.23.1a All cars will have a four (4) post type roll cage with cross bars arranged for stability

1.23.1b Posts will be securely welded to the frame.

1.23.1c Cages must have three (3) parallel bars under the window on the driver's side and three (3) on the passenger side with two (2) vertical bars on each side between each pair of parallel horizontal bars.

1.23.1d Bars must be the same size.

1.23.1e Deflector plate is **required** on driver's side door, minimum 1/8" steel plate welded to roll bars.

1.23.1f Cages are to be constructed of minimum 1 ½" O.D. tubing. . (Except for MOD 4 that have raced before 2012, 1 ¼" O.D. allowed) MOD4's built 2013 or later must have legal tubing.

1.23.1g Wall thickness to be a minimum of .090 for tubing

1.23.1h No pipe elbows or couplings allowed.

1.23.1i All bars must be padded anywhere head or body contact is possible.

1.23.1j Welded joints are not to be covered with padding.

1.23.1k Bracing of cage may be limited according to individual class rules.

1.23.2 FIA & SFI Approved FIRE SUITS ARE MANDATORY IN ALL CLASSES.

1.23.2a Labeled -These suits must be labeled by manufacturer as being a flame retardant material.

1.23.2b Good Repair Fire suits must be kept in good repair and must fit properly. This will be highly enforced. NO HOLES and NO DUCT TAPE will be permitted.

1.23.2c FIA & SFI Approved Gloves and FIA & SFI Approved Racing Shoes are required.

1.23.3 FIRE EXTINGUISHERS

Fire Extinguishers are mandatory in all cars and must be securely mounted (fastened with a metal strap).

1.23.3a Fire extinguishers must be within easy reach of the driver and in an approved bracket. Brackets must be metal, no plastic.

1.23.3b All fire extinguishers must have a gauge and be properly charged.

1.23.4 SAFETY BELTS/HARNESS

Safety Belts/Harness must be 5- point quick release approved safety harness.

1.23.4a Belts must be securely fastened to roll cage, not to the car body or floor.

1.23.4b Belts must be no more than 5 years old and must be in good condition.

1.23.4c After a rollover or wreck a track official/ track tech may re-inspect belts for safety.

1.23.4d Hans or similar device is **highly** recommended for all classes

1.23.5 HELMETS

Helmets are mandatory and must meet Snell 2010 or newer. NO DOT M class helmets. Snell 2015 Helmets are recommended.

1.23.6 CAR BODIES

Car Bodies must be maintained in a neat and reasonable manner.

1.23.6a Sharp edges must be rolled over or covered.

1.23.6b Cars must have metal fire wall and metal floor boards.

1.23.6c All unnecessary holes must be filled.

1.23.6d All flammable material must be removed from car.

1.23.6e Hoods and rear decks must have positive fasteners. Minimum of four (4): one in each corner.

1.23.6f All bumpers must be securely fastened in place and have no sharp or protruding ends.

1.23.6g All doors must be securely welded.

1.23.6f All glass must be removed except windshield which may be original equipment or Lexan. No Plexiglas or tempered glass allowed.

1.28.8a Cars that have windshields; 2 straps $\frac{3}{4}$ " wide by $\frac{1}{8}$ " thick are required and must be placed from top to bottom anywhere in the windshield area.

1.28.8b Cars that do not have a windshield; 3 straps $\frac{1}{2}$ " wide by $\frac{1}{8}$ " thick are required and must be placed from mid-car over in front of driver.-or- three (3) $\frac{3}{8}$ " bars welded to the cage in front of the driver.

1.23.7 Drivers Door

An eighth ($\frac{1}{8}$) inch door plate for the driver's door is **mandatory** in all classes.

1.24 WINDOW NETS

Are mandatory in all classes and must be in good condition.

1.25 COOLING SYSTEMS

1.25.1 NO ANTIFREEZE ALLOWED.

1.25.1a There is a \$100.00 fine for anyone running antifreeze.

1.25.2 One quart overflow or OEM can is required, and must be securely fastened within frame rails.

1.25.3 Engine mounted fans, it's optional to have a fan shroud or protective cover.

1.26 FUEL SYSTEMS

1.26.1 Fuel cells are mandatory for all classes with the exception of the Warrior division.

1.26.2 Fuel cell must be mounted in the trunk area of the car and must be separated from the driver by metal.

1.26.3 Fuel cells are required to be in a metal can.

1.26.4 Fuel lines may be steel or rubber type tubing or original fuel line. Steel tubing is strongly recommended.

1.26.5 A grounded strap from the fuel cap to the chassis is required for all fuel tanks.

1.26.6 Rubber tubing must be run through steel tubing or conduit.

1.26.7 Fuel shut off valves, must be within easy reach of the driver and clearly marked as to on/off position.

1.26.8 Cars using electric fuel pumps may use ignition switch as shut off.

1.26.8a If electric fuel pump is in use then there must be a shut off switch and must also use an oil pressure activated fuel shut off switch as well.

1.26.9 FUEL: Pump gas or racing fuel only.

1.26.10 Illegal Fuel No Alcohol, methanol, nitro or additives will be allowed.* see class rules.

1.26.11 Throttle Return Springs All cars must have two (2) throttle return springs.

1.27 BATTERIES:

Must be securely fastened with a hold down strap over the top.

1.27.1 Batteries must be in an approved battery box or covered and securely mounted and safety approved by Track Official.

1.27.2 Working Main cut off switch must be labeled correctly and within easy reach from either side of the car for the driver and official.

1.28 SEATS

Must be securely fastened to roll cage, not to car or floor.

1.28.1 No folding type seats or homemade seats allowed.

1.28.2 Metal racing seats are mandatory.

1.28.3 Right side head rest is required.

1.28.4 Full containment seats are mandatory for Late Models and Grand American Modifieds.

1.28.4a Recommended Full containment seats / head and neck restraints are recommended in all classes.

1.29 DRIVE SHAFTS

Must have a 360 degree loop, no less than 2" wide by ¼" thick. This must be placed around the drive shaft, fastened to either the floorboard or cross member of the car within 15" of the transmission from U-joint.

1.29.1 All DRIVE SHAFTS MUST BE PAINTED WHITE, with driver's number.

1.30 STEERING WHEEL

Must have padded center, required for all classes.

1.31 TRACTION CONTROL DEVICES ARE NOT ALLOWED

1.32 STANDARD TRANSMISSION CARS

Must have an explosion proof bell housing/scatter shield or safety blanket.

1.33 TOW HOOKS

All cars must provide for quick and easy access to tow hook, on front and rear of vehicle required, or pick up points for wrecker. Officials and wrecker crew will not be responsible for damage to your car.

1.34 NO DUMPING

NO DUMPING OF GREASE, OIL OR ANY OTHER FLUIDS ON SPEEDWAY PREMISES!

1.35.1 NO OLD TIRES ARE ALLOWED TO BE LEFT ON PREMISES!

1.35.2 \$100.00 fine for anyone found dumping fluids or tires at the speedway.

1.35 NO OPEN FIRES

OR BBQ's ALLOWED IN PIT AREA WITHOUT PRIOR APPROVAL FROM RDM.

1.36 RADIOS, TRANSPONDERS & Race Receiver

1.36.1 Radios No radios are permitted in any class except Late Models, Grand American Modifieds. Visiting classes may with prior approval from RDM.

1.36.2 Spotters For those who run radios your spotter must be located in the designated spotters area. All spotters should wear car number clearly visible.

1.36.3 Transponders are required on every car. All transponders will be mounted +/- two feet of the center of the rear axle.

1.36.4 Race Receiver are required in every class, except the classes specified in rule 1.36.1.

1.37 PERSONAL VEHICLES

1.37.1 One personal vehicle per race vehicle allowed in the pit area.

1.37.2 RDM Reserves the right to prohibit personal vehicles from the pits at any time

1.37.2 Anyone caught bringing in extra people in vehicles without purchasing a pit pass for EVERYONE will be banned from bringing in a vehicle for the remainder of the season.

1.38 NO PETS AND NO BICYCLES.

1.39 POWER IN THE PITS

Race teams are responsible for providing their own power in the pits.

1.40 NOISE LIMITS

All cars must meet the designated noise level as set by RDM/Track Officials using decibel meter. Noise decibel is set at 95.

Section 2 Super Stock Rules

***** Please refer to General Rules and Regulations applicable to all divisions*****

2.1 CAR ELIGIBILITY:

This Division is for the basic “stock car” only. Only minor modifications or alterations may be allowed per the rules for this division.

2.1.1 Eligible Cars Any Car Made 1955-1995 standard production automobile.

2.1.2 Minimum wheelbase of 108 inches.

2.1.3 Ineligible Cars No Pintos, T-Tops, Convertibles, Jeeps, or Trucks.

2.1.4 Sunroofs must be covered by 18-20 gage sheet metal.

2.1.5 Camaros and Firebirds must have steel bodies.

2.2 THE CAR & BODY:

2.2.1 Frames: Body and frame components must be the same, manufacturer to manufacturer.

2.2.1a OEM steel unibody or frame must be retained.

2.2.1b Stub repair must maintain OEM measurements and components

2.2.2 OEM stock steel unaltered floor pan, firewalls, trunk, and trunk floor.

2.2.3 Cars must be strictly stock.

2.2.4 No holes in hood or roof.

2.2.5 Hood must be kept in place at all times.

2.2.5a Hood and trunk must be pinned closed. (No bolting of trunk or hood) and No aluminum pins.

2.2.5b Hood hinges are optional.

2.2.6 Firewalls

2.2.6a Front firewall must be sealed with no holes.

2.2.6b Rear Firewall must be complete and seal the trunk area from the driver's compartment.

2.2.7 Body Panels may be lightened as long as the car meets minimum weight requirement, and the safety of the driver is not jeopardized.

2.2.8 Front wheel wells may be removed.

2.2.9 Doors all doors must be welded shut

2.2.10 Bumpers

2.2.10a Car must have complete stock bumpers, or 3/16” wall, uncapped hollow tube bumper not to exceed 2”X4” not to exceed stock length, with no additional bracing allowed.

2.2.10b Bumpers may be bent in to prevent hooking.

2.2.11 Mirrors: One spot mirror; no bigger than 3", on the left side of the body inside the car is allowed ONLY.

2.2.12 Radiator Protection Hoop can be welded to the bumper with 3/16" hollow tubing not to exceed 6" in height.

2.2.13a Radiator protection hoop cannot be reinforced/ supports welded to frame or front hoop

2.2.13 Trunk Floor must remain intact or patched as needed with minimum 22 gage sheet metal

2.3 WINDSHIELD & GLASS:

All glass head & tail lights and exterior moldings must be removed.

2.3.1 OEM glass windshield glued in place or 1/8" lexan glued or riveted in place covering drivers' side.

2.3.2 Straps 2- 3/4" wide, vertical straps must be installed equally spaced and going top to bottom on drivers' side. For cars not utilizing any type of windshield, three (3) 3/8" bars must be welded to cage directly in front of driver.

2.4 ENGINE SPECIFICATIONS:

2.4.1 Engine must be mounted in OEM rubber mounts, in the stock location.

2.4.2 Engine must be stock type for make and model. (GM for GM, Ford for Ford, etc.)

2.4.3 ARP type fasteners allowed.

2.4.4 602 crate engines allowed.

2.4.4a 602 crate engines may not run exhaust headers and will run a 2 barrel carburetor and adapter. This is a sealed engine and cannot be torn down.

2.5 ENGINE DISPLACEMENT:

2.5.1 Stock stroke for engine being used.

2.5.2 Overbore of .0650 maximum allowed on all engines.

2.5.3 360 cid engine maximum.

2.5.4 No modifications to engine block, block must remain exactly as produced by manufacturer.

2.5.5 No "made for racing" pistons. Pistons must be original or same as original, flat top or dish only.

2.5.6 Rods must be stock type and appearance

2.5.6a I beam type rods are allowed, must be stock length only.

2.5.6b Vortec type OEM rods are allowed; no performance part numbers.

2.6 OIL PAN: Stock appearing or racing oil pan

2.7 CRANKSHAFT & BALANCER: Stock only.

2.7.1 Any replacements must be stock OEM.

2.7.2 Aftermarket V-belt pulleys are allowed.

2.8 CYLINDER HEADS:

2.8.1 Pinning of stock type press-in rocker studs will be allowed.

2.8.2 No aftermarket, 'bowtie', aluminum, high performance, or altered performance heads allowed.

2.8.3 No roller rockers.

2.8.4 Only 305 heads on a 305 engine.

2.8.5 No modifications will be allowed that are for the sole purpose of increasing valve spring seat pressure (including shims).

2.8.6 Maximum valve size allowed 2.02.

2.8.7 Cylinder Heads Aftermarket stock replacement unaltered cast iron cylinder heads will be allowed.

2.8.8 Minimum of 64cc chamber of straight plugs only, no angle plugs.

2.8.9 No performance heads.

2.8.10 Screw in studs allowed.

2.8.11 Guide plates are allowed.

2.8.12 Vortec heads allowed.

2.9 INTAKE MANIFOLD:

Mandatory intake manifolds must be one of the following:

Chevrolet- Edelbrock part #2101

Ford-Edelbrock part # 2181- Windsor motors only.

Chrysler- Edelbrock part # 2176

Vortec 2116

2.9.1 Manifolds must remain unaltered, box stock only.

2.9.2 Stock cast iron intakes are ok, no alterations/modifications.

2.10 CAMSHAFT, VALVE LIFTERS and ROCKER ARMS:

2.10.1 Hydraulic cams only.

2.10.2 Lift may not exceed 480 lift at valve.

2.10.3 No solid lifters or solid lifter cams allowed.

2.10.4 Only OEM type lifters, pushrods, rocker arms, poly locks may be used. 1.5 maximum ratios allowed.

2.10.5 No 4/7 swap cams allowed.

2.10.6 Rocker arm oil splash plate may be used

2.10.7 Valley pan may be used.

2.10.8 Aftermarket valve covers allowed.

2.11 COMPRESSION: 10 to 1 maximum compression.

2.12 EXHAUST:

- 2.12.1 Stock cast iron with no modifications, as provided on engine or under slung headers (no aluminum)
- 2.12.2 Exhaust must terminate behind driver.
- 2.12.3 Two (2 inch) pipes allowed.
- 2.12.4 2 into 1 pipes may be used provided the primary pipe does not exceed 2" O.D. and the pipe after the merge does not exceed 2 ½".
- 2.12.5 Mufflers are recommended but not required but, the 95 Decibel rule will be strictly enforced.
- 2.12.6 RAM horn exhaust manifold are not allowed.

2.13 CARBURETOR:

- 2.13.1 Stock holly #R4412 2-bl 500 cfm is the only legal carburetor and must meet Holley specifications.
- 2.13.2 Mandatory carburetor spacer/adaptor will be a Moroso part #64965, or the Mr. Gasket spacer/adaptor.
- 2.13.3 Only one spacer will be allowed between the intake and carburetor.
- 2.13.4 Carburetor spacer must be used as manufactured with no alterations. No polishing, grinding, or drilling (i.e. Metering block) of holes allowed.
- 2.13.5 Choke, blade, and rod may be removed.
- 2.13.6 Size and shape of boosters must not be altered. Booster height must remain stock.
- 2.13.7 Jets of any size may be used.
- 2.13.8 Venturi area must not be altered in any way.
- 2.13.9 Casting ring must remain completely visible and may not be removed.
- 2.13.10 Base plate must not be altered in size or shape.
 - 2.13.10a No holes may be drilled in the base plate.
- 2.13.11 Block off valve may be used instead of power valve.
- 2.13.12 Stock butterflies must not be thinned or tapered.
- 2.13.13 Screw ends may be cut even with the shaft, but screw heads must remain stock.
- 2.13.14 Throttle shaft must remain standard and must not be thinned, cut or nicked in any matter.
- 2.13.15 *Air Filter* Only one round dry type paper air filter element a maximum of 14" diameter by 3" tall, only open type sandwich style is permitted. No treating or soaking.
- 2.13.16 No electric fuel pumps allowed except on V6 fuel injected engines. See rule 23.13.19
- 2.13.17 Offset air cleaners are approved for distributor clearance only.

2.13.18 No cool air boxes allowed or forced air induction.

2.13.19 Stock OEM fuel injection is allowed on V6 cars. Electric fuel pumps are allowed only on V6 fuel injected engines.

2.14 ELECTRICAL/ BATTERY:

2.14.1 No dual point distributors.

2.14.2 Stock distributor system, stock coil and stock module in stock locations. Any size plug wire allowed.

2.14.3 See General Rule 1.27.1 for battery mounting.

2.15 COOLING SYSTEM:

2.15.1 Stock type radiator only in stock location.

2.15.2 Aluminum radiators are allowed.

2.15.3 No electric fans.

2.15.4 No engine coolers.

2.15.5 Overflow catch- can a minimum of one quart overflow catch-can must be installed inside engine compartment.

2.15.6 No antifreeze allowed.

2.15.7 Water wetter and anti-rust is allowed.

2.16 TRANSMISSION:

2.16.1 Transmissions must have all working gears.

2.16.2 Automatics must have original torque converter for transmission being used.

2.16.3 One transmission cooler allowed.

2.16.4 No inspection covers over flywheel.

2.16.5 Stall converter not to exceed 1200 RPM.

2.16.6 Manual Transmissions allowed All participants in the Super Stock division will have the option to install, at their discretion, a manual transmission.

2.16.7 Manual transmissions must be an OEM production transmission utilizing the OEM configuration with no modifications.

2.16.8 Racing transmissions will not be allowed.

2.16.9 OEM bell housings must be utilized with no modifications to ensure that the structural integrity is maintained and are subject to inspection for any deformities including cracks.

2.16.10 All manual transmission cars will have an explosion proof bell housing/scatter shield or safety blanket.

2.17 CLUTCHES:

2.17.1 No mini-clutches or ram clutches of any kind.

2.17.2 Must have a stock diameter clutch assembly made of steel.

2.17.3 No aluminum flywheels.

2.17.4 Clutch assembly, as defined below, must be OEM parts with no aluminum whatsoever in the construction.

2.17.4a Clutch assemblies must weigh no less than 30 pounds to include flywheel, clutch disc and plate and all attaching hardware.

2.17.4b High performance clutch parts will not be allowed including Manufacturer (i.e. GM, Ford, Mopar etc.) High performance cataloged parts.

2.17.4c Aftermarket hydraulic throw out bearings, master cylinders, slave cylinders and pedal assemblies will be allowed subject to approval of mounting by Track Tech/RDM.

2.18 REAR END: Stock rear end only.

2.18.1 Locked, posi-traction, or limited slips are ok.

2.18.2 No racing components are allowed.

2.18.3 Mini-spools will be allowed.

2.18.4 Must be rear-wheel drive.

2.18.5 Safety must have a minimum of two inch wide by ¼ inch thick 360 degree brackets placed around the drive shaft and fastened to floor or cross member preventing the shaft from being dislodged and dropping onto the racing surface.

2.18.6 Drive shaft must be painted white.

2.19 BRAKES: No deviation from stock allowed.

2.19.1 Brake pedal must remain in stock location and mountings.

2.19.2 All Cars must have functional brakes on all 4 wheels.

2.20 ROLL BARS:

All roll bar material must be mild steel, 1 1/2 inch O.D. x .090 wall or thicker.

2.20.1 No pipe-fittings

2.20.2 No gas welding.

2.20.3 Roll Bar Design Roll bar must be a 4 post design and must be located directly behind the driver and forward of the 'A' pillar.

2.20.4 The roll bar must be back-braced from the top of the bars to the rear of the frame (or face plate) at appropriate 45 degree angle.

2.20.5 Roll bar members may attach to either the frame or floor.

2.20.6 Roll bars may not be installed so that they effectively connect the front and rear stubs.

2.20.7 For floor installations, attach members to ¼" x 8" x 8" or larger steel plates securely bolted or welded to the floor.

2.20.8 "Petty" bar may be installed and attached forward to the right 'A' post of the cage only.

2.20.9 Four horizontal door bars on each side must be used for driver protection, spaced equally apart.

2.20.10 Front and rear hoops are allowed but cannot be outside of car body.

2.20.10a Hoops may not extend more than 2 inches in front of radiator.

2.20.10b factory radiator supports/bracing may only be removed to allow for front hoop installation.

2.20.10c For those cars not running a front hoop, factory radiator supports/mounts must remain in place.

2.20.11 Roll bar installation and welding will be inspected.

2.20.12 Roll bar padding is required in areas where driver may make contact.

2.20.13 A tube radiator support may be used to replace stock radiator support.

2.21 SUSPENSION:

2.21.1 Stock type shocks (no aluminum or adjustable), should have no more than ½ of the travel distance of the shock when mounted in the car. Travel distance will be determined by removing the rear shocks and raising the rear tires off the ground from the center of the rear axle, and measuring the distance between the shock mounting points on both sides. EXAMPLE: How to measure total travel, Measure total length of extended shock minus compressed length equals total travel. 18" total-compressed length of 12" (measured as described above) = total travel of 6".

2.21.2 Suspension must work and appear stock.

2.21.3 No tubular A-arms

2.21.4 No modification of the suspension allowed.

2.21.5 No cut springs allowed – must have "pigtail".

2.21.6 No spacers may be used to alter stock suspension except sway bar connections to the lower "A" frame and on upper A-arms to achieve front wheel camber.

2.21.7 Front wheel camber angle may not exceed 5-degrees, positive or negative, longer bolt may be used on upper A-arm.

2.21.8 No rear sway-bars allowed.

2.21.9 Springs No spring jacks, no coil over, or overload springs allowed.

2.21.9a Minimum of 12" front springs only.

2.21.9b Metric cars will be allowed to have a minimum of 11" front springs.

2.21.10 NO lowering of the bodies.

2.21.11 No adjustable shackles.

2.21.12 Weight jacks are not allowed.

2.21.13 Spring rubbers are allowed.

2.21.14 Lowering blocks allowed.

2.22 SPINDLES: Stock spindles only.

2.22.1 Oversized studs and lug nuts required.

2.23 STEERING: Stock steering system only.

2.23.1 Factory steering column may be removed and 3/4" steel shaft installed.

2.23.2 Quick release steel 'dish' type wheel allowed.

2.23.3 Steering wheel must have adequate padding in the center.

2.23.4 Aftermarket steel steering pump with remote reservoir is allowed.

2.24 WHEELS & TIRES:

2.24.1 Wheel Type Mandatory right side reinforced racing type wheels.

2.24.2 Backspacing any wheel backspacing is allowed.

2.24.3 NO mags or aluminum wheels allowed.

2.24.4 Maximum wheel width of 8 inches.

2.24.5 Tires will be any 8" Hoosier.

2.25 WEIGHT:

Car weight with driver must be a minimum of 3450 lbs. with stock manifold OR 3500 lbs with headers. Post race-weight must be posted on the passenger side front corner of the roof.

2.25.1 Maximum left side weight is 56%, with driver, post race.

2.25.2 Any added weight must be bolted or encased in steel and welded to frame rails.

2.25.2a Any added weight in the driver's compartment must be approved by RDM/BCS officials.

2.25.3 Ballast must be painted white with car number clearly painted or stamped on it.

2.26 FUEL:

No fuel additives. No nitrous oxide, oxygen containing compounds, or any other additives will be allowed.

2.26.1 No glass fuel filters allowed.

2.27 FUEL TANK:

2.27.1 Fuel cells are required.

2.27.2 Location Must have cell located in trunk.

2.27.3 Vent tubes must exit outside of car.

2.27.4 Trunk floor pan must be retained or patched with minimum 22 gage sheet metal.

2.27.5 Fuel Cell Protection Loop is Highly Recommended, 3/16" max wall, hollow 2' max tubing.

Section 3 Pure Stock Rules

*****Please refer to General Section for rules and regulations applicable to all divisions*****

3.1 CAR ELIGIBILITY:

Any fully framed or unibody rear wheel drive American made car with a minimum wheelbase of 108", no pickups or convertibles.

3.2 CAR & BODY:

3.2.1 Frame

3.2.1a Body and frame component must be the same. Manufacturer to manufacturer.

3.2.1b Complete bumper to bumper stock frame must be retained.

3.2.1c Stub repair must maintain OEM measurements and components.

3.2.1d Trunk floor must remain intact with no holes other than a small hole for drainage is permitted (no larger than a dime)

3.2.1e No front and rear loops.

3.2.2 OEM stock steel unaltered floor pan, firewalls, trunk and trunk floor.

3.2.3 Cars must be stock.

3.2.4 No holes in hood or roof.

3.2.5 Hood must be kept in place at all times.

2.2.5a Hood and trunk must be pinned closed. (No bolting of trunk or hood) and No aluminum pins.

2.2.5b Hood hinges are optional.

3.2.6 Firewalls

3.2.6a Front firewall must be sealed with no holes.

3.2.6b Rear Firewall A complete firewall must seal the trunk area from the driver's compartment

3.2.7 No lightening of the body components, hood, trunk, doors, inner panels, fenders and roof, except clearance for roll bars on front doors.

3.2.8 Front wheel wells must be removed.

3.2.9 Doors & Hinges

3.2.9a All doors must be welded shut.

3.2.9b Door hinges must remain in place, except for roll bar clearance.

3.2.10 Bumpers

3.2.10a Car must have complete stock bumpers, or 3/16" wall, uncapped hollow tube bumper not to exceed 2"X4" not to exceed stock length, with no additional bracing allowed.

3.2.10b Bumpers may be bent in to prevent hooking.

3.2.11 Mirrors 3 inch spot mirror inside driver door is optional.

3.2.12 Repairs Doors, fenders, floor pans, and quarter panels may be repaired with 22 gauge steel.

Rivets must be used for repairs and no sheet metal screws.

3.2.13 Safety

3.2.13a All flammable materials (insulation, carpet, etc...) must be removed from interior, dash and under hood areas.

3.2.13b Fire Extinguisher Must have a minimum of one 2.5 lb. fire extinguisher fully charged with an indicator gauge within reach of the driver. Fire extinguisher must be securely mounted with a metal quick release bracket.

3.2.14 WINDSHIELD AND GLASS: All glass, head and tail lights, lenses, and exterior moldings must be removed, except for windshield.

3.2.14a Side & Vent Windows All glass must be removed from side and vent windows.

3.2.14b Lexan Full 1/8 inch Lexan windshield is optional.

3.2.14c Bracing A minimum of three (3) 3/8 inch vertical braces equally spaced must be installed in front of the driver for protection.

3.2.14d No covering of the window openings allowed.

3.2.15 ENGINE SPECIFICATION

3.2.15a Mounting Engine must be mounted in OEM rubber mounts, in stock location.

3.2.15b Engine Type Engine must be stock type for make and model. Interchangeable within families, (i.e. GM-GM, Ford-Ford, etc.). No Nova with 350 Corvette engine or Challenger with 426 Hemi engine.

3.2.15c Aftermarket Parts No aftermarket racing parts are allowed, stock only! No external vacuum pumps or pan-vacuum systems allowed. All Stock accessory pulleys, power steering, water pump, fuel, etc. No racing pumps or circle track oil pans.

3.2.15d CYLINDER HEADS: Stock heads only. No Vortec heads, high performance, angle plug, or double hump heads allowed! Aftermarket valve covers allowed. No lifter bore truing allowed.

3.2.15e INTAKE MANIFOLDS: Cast iron only. Manifolds must remain unaltered, box stock only. No grinding, match porting or polishing allowed.

3.3 CAMSHAFT: 420 maximum lift camshafts.

3.4 EXHAUST MANIFOLD: Stock cast iron exhaust manifold with no modifications.

3.4.1 No center dump styles allowed.

3.4.2 No Ram Horns or headers.

3.4.3 Mufflers are required.

3.4.4 Exhaust must extend past driver.

3.5 CARBURETOR: The Holly R4412 is the only legal carburetor.

3.5.1 No polishing, grinding or drilling (i.e. metering block) of holes allowed.

3.5.2 Choke, blade, and rod must be removed.

3.5.3 Boosters

3.5.3a Size and shape of boosters must not be altered.

3.5.3b Booster height must remain stock.

3.5.4 Jets of any size may be used.

3.5.5 Venturi area must not be altered in any way.

3.5.6 Casting ring must remain completely visible and may not be removed.

3.5.7 Base plate must not be altered in size or shape.

3.5.7a No holes may be drilled in the base plate.

3.5.8 Stock butterflies must not be thinned or tapered.

3.5.9 Screw Heads: Screw ends may be cut even with the shaft, but screw heads must remain stock.

3.5.10 Throttle shaft must remain standard and must not be thinned, cut or nicked in any matter.

3.5.11 Maximum gasket thickness should be 0.065.

3.5.12 No electric fuel pumps.

3.5.13 Air Cleaner Only open type sandwich style air cleaners are allowed

3.5.13a Maximum diameter of 14" by 3" tall.

3.5.13b No treating or soaking.

3.5.13c Offset air cleaners are approved for distributor clearance only.

3.5.13d No cool air boxes allowed or forced air induction.

3.5.13e No air deflecting or attachments of any kind are allowed to be attached to the air cleaner top, bottom, or filter.

3.5.13f Any modifications to the air cleaner assembly or filter must be approved prior to use in competition.

3.6 ELECTRICAL & BATTERY:

3.6.1 Stock distributor and stock coil in stock locations.

3.6.2 See General Rule 1.27.1 for battery mounting.

3.7 COOLING SYSTEMS:

3.7.1 Stock radiator only, in stock location.

3.7.2 Aluminum radiators are allowed.

3.7.3 No electric fans.

3.7.4 No engine coolers.

3.7.5 Overflow catch- can A minimum of one quart overflow catch-can must be installed inside the engine compartment.

3.7.6 Antifreeze The use of ethylene glycol (antifreeze) or similar products is strictly prohibited.

3.7.7 Water Wetter, Motormax or similar products at BCS discretion and anti-rust products are permitted.

3.8 TRANSMISSION:

Automatic transmissions with stock torque converter for the make model only!! No manual transmissions are allowed.

3.8.1 Transmissions must have all working gears.

3.8.2 Transmission coolers are allowed.

3.9 REAR-END: Stock rear end only.

3.9.1 Must be for the year, make and model.

3.9.2 No racing components are allowed.

3.9.3 Must be rear wheel drive.

3.9.4 Any gear ratios allowed.

3.9.5 No direct final drive.

3.9.6 Welded gears optional.

3.9.7 No aluminum or carbon fiber shafts, yokes, or slip yokes.

3.9.8 Brackets must have a minimum of two (2) inch wide X ¼ inch thick 360 degree brackets placed around the drive shaft and fastened to the floor or cross member preventing the drive shaft from being dislodged and dropping onto the racing surface.

3.9.9 Drive shaft must be painted white and show car number.

3.10 BRAKES: No deviation from stock allowed.

3.10.1 Brake pedal must remain in stock location with stock mountings.

3.10.2 Cars must have functional brakes on all four wheels.

3.11 ROLL BARS:

3.11.1 All roll bar material must be mild steel, 1 1/2 inch O.D. X 0.090 wall or thicker.

3.11.2 No pipe fittings.

3.11.3 No gas welding.

3.11.4 Roll bar must be a 4 post design and must be located directly behind the driver and forward to the "A" pillar.

3.11.5 The roll bar must be back braced from the top of the bars to the rear of the frame at an approximate 45 degree angle.

3.11.6 Roll bar must be attached to the frame. Roll bars may not be installed so that they effectively connect the front and rear stubs.

3.11.7 "Petty" bar may be installed and attached forward to the right "A" post of the cage only.

3.11.8 Four (4) horizontal door bars on each side must be used for driver protection, spaced equally apart.

3.11.9 Driver's side deflector plates are required (located outside left door bars and foot protection bars).

3.11.9a Plates must be a minimum 1/8 inch steel plate welded to roll bars.

3.11.9b Plating must meet track official's approval.

3.11.10 Roll bar must be padded wherever the driver can reach. Steering wheel also be padded.

3.12 SUSPENSION:

All chassis components must be unmodified OEM type or direct service replacements for the vehicle year, make and model claimed. This applies to all front and rear suspension components.

3.12.1 There will be no altering of mounting points or made for racing components allowed.

3.12.2 Front wheel camber angle may not exceed 5-degrees, positive or negative, longer bolt may be used on upper A-arm.

3.12.3 Urethane or rubber bushings in suspension components must be utilized.

3.12.4 No metal or mono ball bushings allowed.

3.12.5 No modifying of the suspension.

3.12.6 No cut springs.

3.12.7 Must have "pigtail". 1 1/8 inch sway bar max diameter stock mount equal length mounting bolts.

3.12.7a No made for racing sway bars, they must be stock.

3.12.8 No spring jacks, no coil over or overload springs.

3.12.9 No adjustable ball joints or adjustable suspension.

3.12.10 No tubular A-arms.

3.12.11 Must have 12 inch springs, all four corners, all cars.

3.12.12 Shocks.

3.12.12a No adjustable or rebuild able shocks.

3.12.12b Steel shocks only.

3.12.12c All shocks must be stock. No Pros, Bilstein, etc.

3.12.12d Must be stock shocks in stock mounting locations.

3.12.12e Must be street legal.

3.12.13 Leaf Spring cars allowed lowering blocks up to 2".

3.12.14 No adjustable shackles and spring must be mounted in stock location.

3.13 SPINDLES: Stock spindles only.

3.14 STEERING: Stock steering system only.

3.14.1 Factory steering column may be removed and 3/4 inch steel shaft installed.

3.14.2 Quick release steering allowed.

3.14.3 Steering wheel must be padded in the center

3.15 WHEELS AND TIRES

3.15.1 Steel wheels no larger than 8 inches with no offsets.

3.15.2 Wheels

3.15.2a Maximum backspacing is 3".

3.15.2b Oversized lug nuts and studs are mandatory on all four wheels.

3.15.3 Tire will be any 8" Hoosier.

3.16 WEIGHT: Minimum weight requirement is 3500 lbs post race. Weight must be posted on the passenger side front corner of the roof.

3.16.1 All ballast must be painted white with car number and securely fastened.

3.17 FUEL:

3.17.1 No fuel additives.

3.17.2 No nitrous oxide, oxygen containing compounds or additives.

3.17.3 Pump gas only.

3.18 FUEL TANK:

3.18.1 Stock fuel tank must be removed.

3.18.2 Mounting Fuel cells are required and be securely mounted in the trunk compartment.

3.18.3 Fill Location Fuel cells must fill from inside the trunk.

3.18.4 Vent tubes must exit outside the car.

3.18.5 No fuel lines in the driver's compartment.

Section 4 Pro4 Modified Rules

- 4.1 ENGINE:** Must be a production 4 cylinder gasoline that was produced for road vehicles.
- 4.2 VALVES:** Only 2 valves per cylinder, unless running OEM stock configuration fuel injected engine.
- 4.3 CARBURETOR:** Only one 2 barrel carburetor.
- 4.4 FUEL INJECTION:**
- 4.4.1** Must remain completely stock in the OEM configuration for engine being run.
 - 4.4.2** That means, no porting, polishing or modifying of throttle body, intake or exhaust ports.
 - 4.4.3** No aftermarket chips, programmer's or programming I programmed computers, also must have stock size (flow) injectors that come in the series of engine being used from factory.
- 4.5 WEIGHT:** Car must weigh a minimum of 2100 lbs. With driver after main event.
- 4.6. FUEL:** Passenger car gas or racing gas only. No alcohol based fuels. (ethanol, methanol, nitro...etc...)
- 4.7 BODY:**
- 4.7.1** Both front tires and right tire must be exposed.
 - 4.7.2** Mini stock cars must remove front fenders to compete with Modifieds.
 - 4.7.3** If tires are more than 3" past body, kick offs must be installed
- 4.8 WHEELS:** Must be 13x10 any offset
- 4.9 TIRES:** Must be racing tire or slick maximum size 23x10x13
- 4.10 CHASSIS:** Tube chassis may be built of round tubing minimum 1 1/2" x .090 wall and or square tubing minimum 2x2 x .090 wall. Uni-body chassis also ok.
- 4.11 SAFETY INSPECTION:** All cars must pass safety inspection before allowed to race.
- 4.12 BUMPERS:** Front and rear must be 15" to center +/- 2" from the ground.

Section 5 Grand American Modified Rules

*** Please refer to General Rules and Regulations applicable to all divisions***

5.1 CAR & BODY

Open to 1970 or newer American made cars only.

5.1.1 Cars must use steel or fiberglass.

5.1.2 full size, stock appearing roof.

5.1.3 All forced air openings must be used for radiator or brake cooling only.

5.1.4 All body parts should be recognizable as factory production vehicles.

5.1.5 Handmade body parts may be constructed of steel, aluminum, or fiberglass.

5.1.6 No wings or any other ground effects are allowed anywhere outside or inside of the car.

5.1.7 Engine compartment will remain open.

5.1.8 No side panels are allowed.

5.1.9 Hood sides may have a maximum 4 inch drop and a maximum of a 3 inch rake and be sealed off from the driver's compartment.

5.1.10 Body is not to extend farther forward than back of engine block.

5.1.11 Driver and passenger side windows must have at least 12 inch vertical opening.

5.1.12 All cars must be equipped with approved side rail bars and scrub rails.

5.1.13 Side kick-offs must extend to the outside of the rear tires one inch and taper inward to the body toward the front of the car.

5.1.14 Front bumper must be made of 2 pieces of 1 /4 inch max tubing, 4 to 6 inches apart, with 2 vertical connectors, mounted to front frame rails at spindle height.

5.1.15 Front Bumper can be no wider than the front frame rails.

5.1.16 Rear bumper must not extend beyond the width of the rear tires.

5.1.17 No sharp edges may be constructed of tubing or flat stock.

5.1.18 Center of bumpers, front and rear, must be 18 inches (plus or minus 2 inches) from the ground.

5.1.19 Rear bumper can be no more than 4 inches wider than body.

5.2 WINDSHIELD AND GLASS

5.2.1 Front and rear Lexan windshields are recommended.

5.2.2 No colored/tinted Lexan, decals, or graphics allowed on front or rear windshield areas.

5.2.3 No side windows or "slab" bodies allowed.

5.3 WEIGHT RULES WITH DRIVER POST RACE: 2500 lbs. minimum and must be posted on the passenger side corner of the roof.

5.3.1 Maximum left side weight, 58%, with driver, post race.

5.3.2 No operator controlled, computer controlled or automatic weight transfer, weight shifting or weight altering devices or techniques will be allowed.

5.3.3 Weight rules subject to change per level of competition at RDM/Track Officials discretion.

5.3.4 CARS MUST BE PUSHED ON AND OFF THE SCALES

5.4 SPOILER:

5.4.1 A rear spoiler, non-adjustable by the driver may be attached to the rear deck-lid.

5.4.2 Spoiler may not to exceed 5 inches in height and 66 inches in length, or the width between and including the quarter panels.

5.4.3 Spoiler must be 1/8 inch metal or 1/4 inch Lexan and control the flow of air over one surface only.

5.4.4 A maximum of three 1-inch wide supports may be installed on the rear spoiler.

5.4.6 No rudders or forward mounting brackets allowed.

5.4.7 Spoiler must be 70 degrees +/- 5 degrees.

5.5 FRAME/FRAME CLEARANCE:

5.5.1 American made, 1970 or newer, passenger car frames only.

5.5.2 Frame may be cut in rear only at a point not further than 36 inches from center of rear end housing.

5.5.3 Frame may not be widened or narrowed, must be full and complete on both sides.

5.5.4 Front cross member may be notched for radiator clearance only.

5.5.5 All cars must have a steel roll cage consisting of continuous hoop not less than 1 3/4 inch outside diameter and must have a wall thickness of at least .095.

5.5.6 Frame must be mounted in at least six places with proper bracing to protect the driver.

5.5.7 Roll bar padding is recommended.

5.5.8 Earnhardt bar is recommended a vertical support down tube from upper halo to cage to add support to upper halo.

5.5.9 Four or more side bars are recommended and must be as parallel with the ground as possible and located perpendicular to the driver, so as to provide maximum protection for the driver.

5.5.10 Bar across back of engine with vertical bars and rub rails for protection of feet is recommended

5.5.11 No brace bars forward of cage may be higher than stock hood.

5.5.12 No down tube frames allowed.

5.5.13 Ride height minimum 4" on all four corners, without the driver

5.6 TREAD WIDTH:

81 inches maximum, measured from the outermost part of the tire at spindle height, zero tow in, front and rear as presented for inspection – No tolerance. Must fit BCS gauges.

5.7 WHEELBASE: 108 inch minimum – both sides – No tolerance.

5.8 SUSPENSION:

- 5.8.1** Must be unaltered OEM stock type in stock location and must be replaceable by stock parts from same type.
- 5.8.2** Stock passenger car spindles only.
- 5.8.3** No welding, grinding, bending, fabrication of spindles allowed.
- 5.8.4** Bottom A frames cannot be moved.
- 5.8.5** Tube type steel upper A-frames permitted.
- 5.8.6** Aluminum cross shafts permitted.
- 5.8.7** Heim joints and steel sleeves and mono balls will be permitted on the front suspension (provided the component is not modified to accommodate use).
- 5.8.8** Hubs, calipers, A-frames and spindles cannot be made of aluminum
- 5.8.9** No Aluminum or fiberglass suspension parts.
- 5.8.10** Rotors cannot be lightened or drilled, and must maintain a minimum thickness of .60 inches.
- 5.8.11** No solid type rotors allowed.
- 5.8.12** Steering box must remain within one original bolt pattern for type of frame used.
- 5.8.13** No rack & pinion steering.
- 5.8.14** No weight changing devices to be operated from inside of the car.
- 5.8.15** Any type of front sway bar is optional.

5.9 SHOCKS/SPRINGS:

- 5.9.1** No aluminum shocks allowed.
- 5.9.2** Only one shock per wheel.
- 5.9.3** Only shocks that are cataloged at less than \$150 racers net are allowed. It is the responsibility of the Driver / Owner to prove the cataloged pricing upon request from a BCS Technical Official.
 - 5.9.3a** Failure to provide the requested pricing will result in disqualification.
- 5.9.4** Coil springs a minimum of 4 1/2 inches in diameter permitted on the front or rear of the car.
- 5.9.5** No torsion bars in rear allowed.

5.10 BRAKE SYSTEM:

- 5.10.1** Working calipers or drums on all four wheels is required.
- 5.10.2** OEM type brake parts only.
- 5.10.3** No carbon fiber.
- 5.10.4** No aluminum calipers.
- 5.10.5** No aluminum components.
- 5.10.6** No solid type rotors allowed.
- 5.10.7** Racing type brake pedals and master cylinders permitted.
- 5.10.8** Brake adjuster valve permitted.

5.11 CARBURETOR:

5.11.1 RDM/BCS uses an open carburetor rule.

5.11.2 A minimum of two throttle return springs positioned from separate locations is mandatory.

5.12 IGNITION:

5.12.1 Only a point type, single or dual, electronic system is permitted.

5.12.2 All ignition systems are subject to approval by RDM/BCS officials.

5.12.3 No magnetos or computerized systems are allowed.

5.12.4 Distributor must be mounted in the stock location and maintain the same firing order as a factory produced engine for the make and model engine being used.

5.12.5 No crank trigger ignition systems allowed.

5.12.6 No adjustable timing controls allowed.

5.12.7 No ignition system equipment or wiring may be located in the driver's side door area.

5.12.8 All ignition system equipment must be securely mounted, with an unobstructed view, and to the driver's right.

5.12.9 All wires from MSD to distributor must be visible with NO open connections.

5.12.10 All engines must start under their own power.

5.13 COOLING SYSTEMS:

5.13.1 Cooling system may be modified.

5.13.2 Radiator and oil coolers must not protrude above interior.

5.13.3 Minimum 2 quart catch can, must be securely mounted.

5.13.4 No ethylene glycol or similar coolants are allowed.

5.13.5 Water Wetter and Motormax permitted.

5.13.6 No antifreeze allowed

5.14 EXHAUST:

5.14.1 Mufflers are mandatory.

5.14.2 95 Decibel OR LESS WILL BE STRICTLY ENFORCED

5.14.2a Any car found to be too loud at anytime by Track Officials must be fixed prior to next race or will result in a DQ.

5.14.3 Heat shields to cover exhaust system can be No more than 4 inches wide and No longer than the valve covers.

5.15 MIRRORS:

5.15.1 Rear view mirror with a maximum width of 26 inches will be permitted.

5.15.2 No side mounted mirrors allowed.

5.16 CLUTCH/TRANSMISSIONS:

5.15.1 No 5 speed transmissions or "in and out" boxes allowed.

5.15.2 Automatic transmissions are allowed.

5.15.3 Clutch must be inside of bell housing.

5.15.4 Clutch & flywheel must attach to crankshaft in conventional manner and rotate with crankshaft at all times.

5.15.5 No aluminum or light alloy clutch assemblies are allowed.

5.15.6 No carbon or carbon fiber clutches, brakes, or rotors are allowed.

5.15.7 Clutch must be a minimum of 5 inches in diameter.

5.15.8 No transmission gear may be closer than 1.23:1 of the final drive ratio of 1:1

5.17 DRIVE SHAFTS:

5.17.1 No aluminum or carbon fiber drive shafts, yokes, or slip yokes allowed.

5.17.2 Driveshaft must be painted white and have a minimum of two 2 inch wide X 1/4 inch thick 360 degree brackets placed around the drive shaft and fastened to floor or cross member preventing the shaft from being dislodged and dropping onto the racing surface.

5.18 REAR ENDS:

5.18.1 Any passenger car or truck type rear end is permitted.

5.18.2 Quick change rear ends are allowed provided steel tubes and mounts are used.

5.18.3 Aluminum lowering blocks, axle caps, and drive plates are allowed.

5.18.4 No cambered rear ends or titanium axles or lower shafts.

5.18.5 No rear sway bars are allowed.

5.19 WHEELS/TIRES:

5.19.1 Steel approved racing wheels are mandatory.

5.19.2 Wheel spacers made of steel or aluminum are allowed, up to 2 inches on rear only.

5.19.3 No wheel adapters or wheel weights are allowed.

5.19.4 Tire treatment of any kind and/or possession of such chemicals on BCS property is strictly prohibited.

5.19.5 Tests will be conducted to insure No unauthorized treatment or tampering of tires is being done.

5.19.6 Tires will be any 8" or 10" Hoosier.

5.20 FUEL SYSTEM REQUIREMENTS

5.20.1 Alcohol will be allowed with designated label.

5.20.2 Racing fuel shall not be blended with any other gasoline or any additives, nitro compounds, or other oxygen containing compounds.

5.20.3 Icing or cooling of fuel system will not be permitted in the pit or racing areas.

5.20.4 Pressure systems will not be permitted.

5.20.5 Any concealed pressure type containers, feed lines, or actuating mechanisms will not be permitted, even if inoperable.

5.20.6 Icing, Freon type chemicals, or refrigerants may not be used in or near the fuel system.

5.20.7 Only 1 fuel filter may be used between the fuel cell and the fuel pump.

5.20.8 Location and size of the filter must be acceptable to BCS officials.

5.20.9 No nitrous oxide or additives of any kind allowed.

5.20.10 Racing fuel cell is required, and must be mounted by at least two steel straps 2 inches wide around the cell.

5.20.11 Fuel cells must be enclosed in metal container, and must also be protected in rear with roll cage tubing and securely mounted behind the rear end.

5.20.12 Fuel cell height 9 inches minimum measured to bottom of cell from ground.

5.20.13 No part of fuel cell should be lower than protective tubing.

5.20.14 Fuel cells must be vented out upper left rear corner with a flapper or check valve in the vent tube.

5.20.15 No glass or plastic fuel filters are allowed.

5.20.16 Reinforcement plate of not less than 1/8 inch magnetic steel must be installed behind the fuel cell.

5.20.15a Plate must be welded to cage and must extend the entire width and height of the fuel cell.

5.21 No engine, chassis, or shock adjustments allowed from the driver's compartment. (Driver's compartment is defined as anything the driver can touch while seated in the driving position).

Section 6 LATE MODEL CLASS RULES

*** Please Refer to General Rules and Regulations applicable to all divisions***

6.1 BODIES

- 6.1.1 Must appear stock, with full fenders and hood.
- 6.1.2 Body must cover half of tire.
- 6.1.3 Nose piece must appear stock.
- 6.1.4 Spoilers may be a maximum of 12 inches high from truck lid.
- 6.1.5 *Visibility must be maintained through the rear of car.*
- 6.1.6 4" maximum hood scoop.

6.2 CHASSIS Type is optional. A 104" minimum wheelbase is required.

6.3 WEIGHT

- 6.3.1 *Minimum Weight* rule is 2800 lbs, 2850 lbs with aluminum heads or dry sump and 2900 lbs with both aluminum heads and dry sump. Weight must be posted on the passenger front corner of the roof.
- 6.3.2 All cars will be weighed before qualifying and may be weighted after the main event.
- 6.3.3 Added weight must be painted white and identified with car number.

6.4 ENGINES

Must be centered in frame with maximum 4" setback measured from the front spark plug to the ball joint.

6.5 MANIFOLD

- 6.5.1 Aluminum optional.
- 6.5.2 No special high rise (tunnel ram or ram charger type) intakes allowed.
- 6.5.3 No two (2) piece manifolds.

6.6 CARBURETOR.

No fuel injection or supercharging, or turbo allowed.

6.7 PISTON Must be flat top or dished type, NO dome pistons.

6.8 RODS No aluminum.

6.9 CRANKSHAFT Stock stroke for the engine being used must be maintained.

6.10 OILING SYSTEMS If dry sumps are used additional weight may be added.

6.11 CLUTCH

- 6.11.1 Clutching device must be used.
- 6.11.2 If a flywheel is used, a scatter shield or safety blanket is mandatory.
- 6.11.3 Aluminum bell housings must have 2" access hole to inspect clutch and flywheel.
- 6.11.4 Access hole must be easily accessible for inspections.

6.12 TRANSMISSIONS Must have a working reverse gear.

6.13 TIRES: Any 10" Hoosier

6.14 HUBS

- 6.14.1 Front ends must be full floater or heavy duty.
- 6.14.2 Rear ends must be quick change, full floater or safety approved Ford 9".

6.14.3 All five (5) bolt hole hubs must use 9/16" minimum studs.

6.14.4 All five (5) wheel nuts must be fully seated.

6.15 WHEELS:

6.15.1 12" wide maximum.

6.15.2 No wheel weights allowed.

6.16 FUEL SYSTEM

6.16.1 Fuel cell must be located in trunk compartment and cross strapped with three (3) 1/8 BY 1" wide steel straps that must be securely bolted to the floor pan.

6.16.2 Fuel cell is mandatory and must be in steel can.

6.16.3 Pump gas or racing gas only. No alcohol, methanol, nitro, or additives will be allowed.

6.16.4 FUEL INJECTION Must run gear to be determined by track.

6.17 DRIVE SHAFTS Must be 2" minimum diameter.

6.18 MUFFLER Mufflers are mandatory, must meet noise ordinance 95 decibel.

6.19 DEFLECTOR PLATES

6.19.1 Drivers side deflector plates are required, located outside left door bars and foot protection bars minimum 1/8" steel plate welded to roll bars.

6.19.2 4 post cage with required bars and loops required for super stock and late models.

6.20 TOW HOOKS

6.20.1 All cars must provide for quick and easy access to tow hook or pick up points by the wrecker.

6.20.2 Officials and wrecker crews will not be responsible for damage to your car.

6.21 RADIO'S REQUIRED

Section 7 WARRIOR CLASS RULES

*** Please Refer to General Rules and Regulations applicable to all divisions***

This class of car has been designed for the beginning/new stock car driver. This class is for fun and help the beginning/new drivers gain experience and knowledge of racing and building a stock car/truck. The intent is to create a platform that will allow those wanting to race, and race at an affordable level. This class is intended for those with very little or no racing experience. Experienced drivers from higher divisions or those that have progressed in speed and skill are welcome however may be run separately or in altered lineups as a Super Warrior as defined in rule 7.19

IMPORTANT: Only the items listed may be changed. No other updating, predating, interchanging or modifying will be allowed. This means every item must remain as delivered from the manufacturer. All normal track and flagging rules and policies apply. RDM/Track officials reserve the right to determine the competition readiness and safety of any car or driver. Any driver under the age of 18 years must have a signed parental release form filed with officials before the driver will be allowed on the track.

7.1 CAR ELIGIBILITY:

- 7.1.1** 1981 and newer front and rear wheel drive vehicles with a three or four cylinder, non-turbocharged, engine.
- 7.1.2** Manual or automatic transmission is permitted.
- 7.1.3** Minimum weight is 2100 lbs with driver, post race..
- 7.1.4** Maximum wheelbase is 107"
- 7.1.5** Maximum wheelbase for trucks is 108.3"
- 7.1.6** No ballast permitted.
- 7.1.7** No four wheel drive, no all wheel drive or no four wheel steer cars allowed.
- 7.1.8** No SUV type vehicles are permitted.
- 7.1.9** Any weight added by penalty must be painted white and marked with car number and must be located in center most furthest back of the trunk mounted securely.

7.2 BODY:

- 7.2.1** All body, frame, suspension, engine, cooling, transmission, brake and driveline components must be strictly as-produced stock components for that year, make and model.
- 7.2.2** Gas, brake and clutch pedals must be stock.
- 7.2.3** Parking brake may be removed.
- 7.2.4** Bumpers may be welded in place at the brackets.
- 7.2.5** All exterior trim including lights, body moldings, mirrors, etc. must be removed.
- 7.2.6** All side and back glass must be removed.
- 7.2.7** Window regulators may be removed.
- 7.2.8** Driver's doors must be welded shut.
- 7.2.9** Driver's door reinforcement plate is mandatory.

7.2.10 Hood and trunk must be secured with hood pins only. No other latching devices allowed.

7.2.11 Minimum OEM gauges must remain intact, add on gauges are allowed.

7.2.12 All flammable materials including carpets, pads and door panels must be removed from the interior and trunk areas.

7.2.13 Windshield may be Lexan (2 braces required) or an OEM windshield that must be glued in place.

7.2.13a If not running an OEM Windshield or Lexan, 4 or more vertical steel round stock bars of $\frac{3}{8}$ " or heavier spaced approximately 6' apart must be installed in windshield opening in front of driver. Drivers also must use full face helmet with shield for protection.

7.2.14 Air conditioner compressors, smog pumps, excess wiring, heater and a/c boxes and coils may be removed.

7.2.14a The holes left in the firewall must be covered.

7.2.15 Single plane rear spoiler with a maximum height of 5" is allowed.

7.2.16 If car has a sunroof, it must be covered with minimum of 1/16th steel.

7.3 ROLL CAGE:

7.3.1 6 point roll bar is required.

7.3.2 Must have a main hoop constructed of a single piece of tubing, 2 bars running diagonally down to the back seat area from the main hoop, a seat back bar for seat and harness mounting, and a diagonal bar from the main hoop to the floor across BOTH door openings.

7.3.3 Main hoop must be constructed of minimum 1 $\frac{3}{4}$ " diameter tubing with a minimum wall thickness of .095".

7.3.3a It is highly recommended that Main Hoop tubing be DOM grade tubing

7.3.4 Basic stock-car type roll cage with door bars permitted.

7.3.5 Driver inner door panel may be removed for anchored door bar installation.

7.3.6 Roll cages may have no more than 6 points attached to floor pan and no wedge-bars or any other extra tubes are permitted.

7.3.7 All tubing other than Main Hoop must be a minimum of 1 $\frac{1}{2}$ " x .095.

7.3.7a It is **highly** recommended that tubing be DOM grade tubing

7.3.8 Roll bars/cages must be welded to 6 x 6 x $\frac{1}{8}$ " steel plates that are welded to the floor pan.

7.3.8a A second 6x6x $\frac{1}{8}$ " steel plate is recommended to be added to the underside and bolted to the top plate.

7.3.9 All joints must be fully welded.

7.3.10 All welding is subject to tech inspection.

7.3.11 Roll cage with full halo is highly recommended.

7.4 SEATBELTS:

7.4.1 5 point racing seat belt is mandatory and must be mounted to roll bar or original OEM seat belt mounting points.

7.4.2 Anti-sub belt (crotch-strap) should be mounted to the roll cage. If this is not possible, belts may be mounted to floor with track tech approval.

7.5 WINDOW NETS: Window nets are mandatory.

7.6 TIRES AND WHEELS:

7.6.1 Tires can be claimed; must claim all 4 for \$200.

7.6.1a Only tires ran in the main event are eligible to be claimed after event is complete.

7.6.1b Must return wheels to RDM within 48 hours of claim.

7.6.2 Only mass produced OEM factory aluminum or steel wheels.

7.6.2a No lightweight racing wheels permitted.

7.6.2b No aftermarket wheels

7.6.3 No re-grooving, shaving or recaps is allowed.

7.6.4 Tire must have at least 2/32nds of tread remaining in at least two grooves, prerace.

7.6.5 Tires must be DOT Street Legal with minimum tread wear number of 200

7.6.7 Maximum rim diameter is 16 ".

7.6.8 Oversized lug nuts are allowed.

7.6.9 All lug nuts must be installed.

7.6.10 No broken studs, etc.

7.6.11 All four tires must same diameter, I.E. 15" tires on all four wheels.

7.7 BATTERIES:

7.7.1 Batteries are required.

7.7.2 Vehicle must be self-starting.

7.7.3 See General rule 1.27.1 for battery mounting.

7.8 ENGINE:

7.8.1 Must be complete stock engine

7.8.2 No modifications of any kind!

7.8.3 NO Chipping or flashing the computer.

7.8.4 No turbos or rotary engines allowed

7.9 TRANSMISSION AND REAR AXLE:

Transmission and rear axle must be stock and unmodified as manufactured and delivered and must have working forward and reverse gears.

7.10 BRAKES:

7.10.1 Brakes must be operating on all 4 wheels and must lock up all 4 wheels during inspection.

7.10.2 No Brake shut-off devices are allowed.

7.11 EXHAUST:

7.11.1 A complete leak free, tight exhaust system with a maximum size of 2" O.D. must be run from the engine to an area behind the driver.

7.11.2 Exhaust may exit either side of the car or out the rear.

7.11.3 Stock exhaust manifold must be retained.

7.11.4 Decibel level must not exceed 95.

7.11.5 Catalytic converter may be removed

7.12 STEERING AND SUSPENSION:

7.12.1 Suspension must be stock only. Absolutely no modifications.

7.12.2 Ride attitude must be maintained.

7.12.3 Spring rubbers are allowed, only one spring rubber per spring.

7.12.3a Steel spring clamps are allowed to inhibit spring compression only. Max coil separation is 2". Only one clamp per spring.

7.12.3b Use of straps, chains, etc. to limit suspension travel is not allowed.

7.12.4 Stock steering column must be retained.

7.12.4a Steering Wheel may be replaced with Racing Steering Wheel as long as stock steering column is retained.

7.13 COOLING SYSTEMS:

7.13.1 Any stock radiator allowed which will fit in stock brackets.

7.13.2 A 180 degree fan shroud and an overflow container mounted in engine compartment are required.

7.13.3 Water only in radiator. Water wetter is allowed.

7.13.4 Must have stock ductwork and stock air cleaner.

7.13.5 No altering, must be as factory installed.

7.14 FUEL AND FUEL TANKS:

7.14.1 OEM fuel tanks are allowed.

7.14.2 If tank is relocated, an approved fuel cell must be used.

7.14.3 Tank must be securely fastened to the trunk floor with a minimum of two 1"x1/16th" straps in each direction bolted through the floor using double plates or installed in a safely constructed frame.

7.14.4 Tanks shall not be mounted within 10" of the rear body panel or extend beyond the frame rails.

7.14.5 All fuel lines, pumps, filters, etc. must be stock. (Extending fuel lines for fuel tank mounting is permitted).

7.14.6 Pump gas only, no racing fuel or fuel additives allowed

7.15 TOW HOOKS:

A secure towing device (i.e. hook, cable, etc.) must be installed both in the front and rear, securely fastened and located so as not to be a hazard in the event of contact.

7.16 MIRRORS: No mirrors will be allowed.

7.17 BREAKOUT RULE

7.17.1 Cars that break out under competition laps twice in one race below 15.500 sec (15.499) will be required to add 25 lbs.

7.17.2 25 lb increments will be added until the car is back over the 15.500 mark.

7.17.3 Weight will remain for the duration of the season.

7.17.4 A second qualifying session may be purchased per rule 1.19.3a

7.17.5 If you break-out, you will receive no points and no purse.

7.17.6 Quick Time Winner is exempt from break out rule

7.18 CAMBER

7.18.1 Maximum right front camber must not exceed +/- 5°. Rear Camber must remain 0° +/- ¼°.

7.18.2 Offset camber bolts are allowed on front right only

7.18.3 Bolt holes may be slotted for front right purposes only

7.19 SUPER WARRIOR

A subdivision of the Warrior Class intended to allow separate races for those more experienced or more advanced in skill and/or speed

7.19.1 At the discretion of RDM/Track Officials Super Warriors may be ran with the Warriors.

7.19.1a Super Warriors Start in front of the field of cars in order to facilitate a competitive race

7.19.2 At the discretion of RDM/Track Officials Super Warriors may run separate races from the Warrior Class based on car count.

7.19.2 Drivers in the Super Warrior Division will have an "S" following the car numbers and one on the upper right (passenger) corner of the windshield. RDM will supply the "S".

Section 8 Vintage Late Model Class Rules

*** Please Refer to General Rules and Regulations applicable to all divisions***

8.1 BODIES

- 8.1.1 Must appear stock, with full fenders and hood.
- 8.1.2 Body must cover $\frac{3}{4}$ of tire.
- 8.1.3 Nose piece must appear stock.
- 8.1.4 Spoilers may be a maximum of 4" high from truck lid.
- 8.1.5 Visibility must be maintained through the rear of car.
- 8.1.6 4" maximum hood scoop.

8.2 CHASSIS Type is optional. A 104" minimum wheelbase is required.

8.3 WEIGHT

- 8.3.1 **Minimum Weight:** 2800 lbs. Post race weight must be posted on the passenger side front corner of the roof.
- 8.3.2 All cars will be weighed before qualifying and may be weighted after the main event.
- 8.3.3 Added weight must be painted white and identified with car number.

8.4 ENGINES

- 8.4.1 Must be centered in frame with maximum 4" setback measured from the front spark plug to the ball joint.
- 8.4.2 361 max cubic inch

8.5 MANIFOLD

- 8.5.1 Aluminum optional.
- 8.5.2 No special high rise (tunnel ram or ram charger type) intakes allowed.
- 8.5.3 No two (2) piece manifolds.

8.6 CARBURETOR.

No fuel injection or supercharging, or turbo allowed.

8.7 PISTON

Must be flat top or dished type, NO dome pistons.

8.8 RODS No aluminum.

8.9 CRANKSHAFT Stock stroke for the engine being used must be maintained.

8.10 CLUTCH

- 8.10.1 Clutching device must be used.
- 8.10.2 If a flywheel is used, a scatter shield or safety blanket is mandatory.
- 8.10.3 Aluminum bell housings must have 2" access hole to inspect clutch and flywheel.
- 8.10.4 Access hole must be easily accessible for inspections.

8.11 TRANSMISSIONS Must have a working reverse gear.

6.12 TIRES: CNS Take Off's Only – NO NEW TIRES

6.13 HUBS/SUSPENSION

- 8.13.1 Front ends must be full floater or heavy duty.
- 8.13.2 Rear ends must be quick change, full floater or safety approved Ford 9".
- 8.13.3 All five (5) bolt hole hubs must use 9/16" minimum studs.
- 8.13.4 All five (5) wheel nuts must be fully seated.
- 8.13.5 No remotely adjustable shock absorbers

8.14 WHEELS:

- 8.14.1 12" wide maximum.
- 8.14.2 No wheel weights allowed.

8.15 FUEL SYSTEM

8.15.1 Fuel cell must be located in trunk compartment and cross strapped with three (3) 1/8 BY 1" wide steel straps that must be securely bolted to the frame.

8.15.2 Fuel cell is mandatory and must be in steel can.

8.15.3 Pump gas or racing gas only. No alcohol, methanol, nitro, or additives will be allowed.

8.16 DRIVE SHAFTS Must be 2" minimum diameter.

8.17 MUFFLER Mufflers are mandatory, must meet noise ordinance 95 decibel.

8.18 DEFLECTOR PLATES

8.18.1 Drivers side deflector plates are required, located outside left door bars and foot protection bars minimum 1/8" steel plate welded to roll bars.

8.18.2 4 post cage with required bars and loops required for super stock and late models.

8.19 TOW HOOKS

6.20.1 All cars must provide for quick and easy access to tow hook or pick up points by the wrecker.

6.20.2 Officials and wrecker crews will not be responsible for damage to your car.

8.20 RADIO'S OPTIONAL