



# 2019 Rule Book

## GENERAL RULES

1. The rules and/or regulations set forth herein do not express or imply warranty of safety, from publication of, or, compliance with these rules and/or regulations. They are intended as a guide for the conduct and are in no way a guarantee against injury to participants. By entering or competing at the facility, you are agreeing to the terms of these and any other posted rules.
2. Rule and procedure changes may be made at any time with or without prior notice.
3. Management reserves the right to reject or allow the entry of any car, driver, or person for any reason.
4. No intoxicating beverages, narcotics, or illegal substances are to be consumed and/or used during any event, by anyone, entering the racing facility.
5. Verbal or physical abuse of any official or other entrant on premises, is, strictly prohibited. Fighting on premises at any time will subject offender(s) to possible suspension & ejection. Any fighting by a driver or a team member will result in the driver or drivers being disqualified from the event. Any driver that is disqualified from any event will forfeit any monies that they may receive for that night.
6. Officials must be immediately notified of any car or driver change. Any changes will result in the driver and car starting at the tail of the next race they were eligible to start.
7. Drivers earn starting positions in races, cars do not. If a driver scratches to allow another driver to drive their car, the second driver must have already been eligible for the race they wish to enter.
8. All decisions of scoring judges & officials are final.
9. Drivers, owners, and/or crew members have no claims against management or any official due to disqualification or damage to driver or equipment resulting in an altercation arising from un-sportsman-like conduct on behalf of drivers, owners, and/or crew members.
10. The Press Box is off limits to all participants at all times, unless permission is granted by the Race Director.
11. No Driver or Crew Member shall interfere with the flagman at anytime.
12. Anyone bringing legal action against the speedway, management, and/or officials will be suspended indefinitely.

13. Whenever it is deemed dangerous, unsafe, or unjustified to continue any racing event, it may be stopped at any point by the discretion of management.
14. Per given race night, race cars must claim 1 class only, however, a driver may drive in more than 1 class by paying for an additional Pit Pass at the Pit Gate for each additional class that they are wanting to compete in. (NO EXCEPTION)
15. Every year you must file a completed registration form and an IRS form W-9 filled out and returned to management.
16. All pit entrants must sign a voluntary waiver & release from liability & indemnity agreement, and pay for and receive an authorized pit pass.
17. Make absolutely sure you keep your authorized pit pass. In the event of a rain-out, it is the only means by which you will be allowed admittance on the rescheduled date. Your signature on pit sheets, or "Don't you remember me?", is not acceptable to gain re-admittance!
18. Anyone caught illegally entering pits & cannot produce an authorized pit pass will be immediately ejected from track. Management reserves the right to ask for proof of admission at any time.

Management also reserves the right to pursue legal action against anyone trespassing anywhere on speedway property.

19. Pay-off procedure: Only owner and/or driver may pick up any prize monies. Be prepared to show a valid driver's license or some other form of I.D. if you are asked.
20. Prize monies left unclaimed over 14 days will become the property of Richmond Raceway.
21. The management reserves the right due to inclement weather conditions and/or any unforeseen conditions, to make changes in the posted pay-off structure. You will be notified as soon as possible if this condition arises.
22. A Rain-out will be declared unless the 1<sup>st</sup> Feature Race is complete. After that point NO RAIN CHECKS will be issued. Any Feature with ½ the laps completed will be paid according to the way they were running when rained out.
23. Receivers and Transponders are mandatory in all divisions anytime a driver is on race track.
24. Due to insurance regulations, 4 wheelers are only permitted in the pit area. They are NOT allowed in the parking lots or any other areas of the track. Also, 4 wheelers may only be operated by persons 16 years of age or older.

### **Flag Rules**

**Green Flag:** (Green Light) Racing is underway on the entire track. Anyone advancing position(s) prior to the green flag is subject to being black-flagged. All cars must complete the first lap for an official start. **Yellow Flag:** (Yellow Light) Means caution. There is NO racing back to the start finish line. Cars will line up according to the last scored lap. Any car not maintaining a slow and cautious speed is subject to being black flagged or disqualification. **White Flag:** One lap to go! **Black Flag:** Driver has been disqualified, and must go to the pits. Once a driver receives the black flag the car will be dropped from scoring. **Red Flag:** Stop regardless of position on track, and do not proceed unless and/or until an official authorizes you to move your car. **Blue/Yellow:** Lay-over flag, means lapped cars move to the bottom of the track.

### **SAFETY EQUIPMENT**

1. NO batteries to be located in the drivers' compartment/cockpit.
2. Full containment racing seats are Strongly Recommended. All seats must be mounted properly & securely per the Technical Directors recommendations. The use of Grade 5 or better hardware is also required to attach the seat to the chassis.
3. The use of a 5, 6 or 7 point driver restraint system certified to SFI Spec 16.1 or 16.5 is REQUIRED no exceptions. All driver restraint systems shall not be in excess of 3 years of age past the date of manufacture. The use of a 7 point driver restraint system is strongly recommended. All mounting points of the racing harness MUST be mounted properly in accordance with the manufacturer's instructions, and securely mounted to the chassis with the use of grade 5 or better hardware.

4. Window Nets certified to SFI Spec 27.1 are highly recommended and must be mounted in accordance with the manufacturer's instructions and technical director's satisfaction.
5. A driveline "sling" is Recommended.
6. A helmet certified to Snell SA2000, SA2005 or SA2010 Standard or SFI Spec 31.1A, 31.1/2005 or 31.1/2010 is REQUIRED.
7. A driver suit certified to SFI Spec 3.2A/5 is Highly Recommended.
8. Gloves certified to SFI Spec 3.3/5 are Highly Recommended.
9. Fire resistant socks are Highly Recommended.
10. Eighteen (18)-gauge steel or one and one-eighth inch (1 1/8") aluminum "cockpit tub" to protect front, sides and rear of driver is HIGHLY RECOMMENDED.
11. Head and Neck Restraint Devices/Systems are Highly Recommended
12. At all times during an Event (practice, qualifying, and competition), drivers must connect their helmet to a head and neck restraint device/system certified to SFI Spec 38.1. The device/system must display a valid SFI Spec 38.1 label. The head and neck restraint device/system, when connected, must conform to the manufacturer's mounting instructions, and must be configured, maintained and used in accordance with the manufacturer's instructions
13. It is the responsibility of the driver, not speedway officials, to ensure that his/her device/system is certified to SFI Spec 38.1, correctly installed, maintained, and properly used.

## **ON TRACK RULES**

1. Working on cars, on track, is prohibited.
2. No one except drivers, their cars, & track officials are allowed on track after racing begins.
3. There is NO PITTING under Yellow allowed during Heats & B-mains. (Feature will have a "Hot Pit")
4. If you bring out a caution, you go to the tail. Anyone who makes contact will be considered part of the caution. Anyone who spins to avoid the caution, and doesn't make any contact with anyone will get their spot back. On initial starts, if a caution comes out for only (1) car, that car will restart on the tail. If it is a Multi-car caution, everyone will get their starting spots back. Stopping at an official under yellow flag conditions for certain safety reasons is allowed. (Note: In a Yellow or Red Flag situation, officials will revert to previous scored lap or initial start.)
5. Officials reserve the right to penalize drivers that either directly cause or intentionally cause a caution. If officials determine that a driver intentionally caused a caution, officials may disqualify the driver for the night.
6. Any car causing 2 cautions in a single race will be black flagged.
7. Anything dragging or hanging on a car that is determined unsafe will cause that car to be black flagged.
8. Under Green Flag Condition, you may enter the infield from the Back-stretch or Front-stretch if you have a problem. YOU MAY NOT RE-ENTER THE TRACK DURING GREEN FLAG CONDITIONS. Once you pull to the infield you will be considered out for the remainder of that race.
9. Under a red flag, there is no working on cars on the track. Cars will not be allowed to go to infield for work.
10. After receiving the checkered flag, cars are to slow down and exit the track in turn 2, unless you are required to scale in the infield. DO NOT stay in the throttle or continue around the track.
11. Anyone jumping the start will be given one warning. Second offense will result in a one row penalty.
12. On the third complete restart of any race, which is not the result of someone jumping; the field may be put in single file order.
13. All Starts will utilize a Designated Box. The pole-sitter will set the pace of the field. ABSOLUTELY NO LAYING BACK OR BRAKE CHECKING! All cars are to stay nose-to-tail and side-by-side. ABSOLUTELY NO ACCELERATING UNTIL YOUR CAR ENTERS THE DESIGNATED BOX. All restarts in Heats and B-mains will be single-file. On single-file restarts a cone will be utilized to keep cars in a single line. The Start will still take place in the box at the cone. Passing before, hitting, or going under the cone will result in offending car being penalized 2 spots + 1 spot for every car passed at the next yellow flag or end of the race whichever occurs first. During the Feature race we will utilize Delaware Double-file restarts for up to 3 attempts.

14. If a car leaves the track and goes to the actual pit area during any race, that car is considered out of that race and will not be allowed to return to the track for that race. 1. Receivers and Transponders are Mandatory in all Late Model, Open-wheel Modified, Super Stocks, 4-Cylinder, and Mini Cup/Cyclone events.
2. All regular show events in all divisions will have a 5-minute plus 1-minute per lap time limit starting with the initial green flag. Once the time limit is passed, the race will be allowed to continue until there is a caution flag or the race is completed. If a caution occurs, the race will be given one chance at a "green-white-checked" finish. If another caution comes out, the race will be considered complete at that point.
3. If you bring out a caution, you go to the tail. Anyone who makes contact will be considered part of the caution. Anyone who spins to avoid the caution, and doesn't make any contact with anyone will get their spot back. On initial starts, if a caution comes out for only (1) car, that car will restart on the tail. If it is a Multi-car caution, everyone will get their starting spots back. Stopping at an official under yellow flag conditions for certain safety reasons is allowed. (Note: In a Yellow or Red Flag situation, officials will revert to previous scored lap or initial start.)
4. After receiving the checkered flag, cars are to slow down and exit the track in turn 2, unless you are required to scale in the infield. DO NOT stay in the throttle or continue around the track.
5. Anyone jumping the start will be given one warning. Second offense will result in a one row penalty.
6. On the third complete, "non-jumping" restart of any race, the field may be put in single file order.
7. All Starts will utilize a Designated Box. The pole-sitter will set the pace of the field. ABSOLUTELY NO LAYING BACK OR BRAKE CHECKING! All cars are to stay nose-to-tail and side-by-side. ABSOLUTELY NO ACCELERATING UNTIL YOUR CAR ENTERS THE DESIGNATED BOX. All restarts in Heats and B-mains will be single-file.
8. On single-file restarts a cone will be utilized to keep cars in a single line. The Start will still take place in the box at the cone. Passing before, hitting, or going under the cone will result in offending car being penalized 2 spots + 1 spot for every car passed at the next yellow flag or end of the race whichever occurs first. During the Feature race we will utilize Delaware Double-file restarts for up to 3 attempts.
9. You may enter the infield at any entrance under Green flag. YOU MAY NOT RE-ENTER THE TRACK DURING GREEN FLAG CONDITIONS. Once the car is in the infield it will be considered out for the remainder of that event.
10. Under a red flag, there is no working on cars on the track. Cars will not be allowed to go to infield for work.

#### **IN-RACE RULES & PROCEDURES:**

11. If a car leaves the track and goes to the actual pit area during any race, that car is considered out of that race and will not be allowed to return to the track for that race.
12. Absolutely NO ONE is allowed in the infield until Feature Events which allows a "Hot Pit" area in the infield. Only 2 Crew Members are allowed per car for "Hot Pit" area. Officials reserve the right to black flag any cars whose crews violate this rule.
13. Officials will not work on cars, they will only pull sheet metal off of a tire under cautions.
14. Due to insurance regulations, 4 wheelers are only permitted in the pit area. They are NOT allowed in the parking lots or any other areas of the track. Also, 4 wheelers may only be operated by persons 16 years of age or older.
15. Double file restarts will be used on all Feature events. *Procedures are as follows:*
16. Officials reserve the right to revert to single file starts if required due to time or track conditions.
17. Richmond Raceway will use Receivers at all events. Receivers are small, one-way radios that allow a designated speedway official to talk to the drivers in order to speed up caution periods and prevent further wrecks. The Receivers will be mandatory in all divisions anytime a driver is on the race track. The track will have Receivers available for rent. More information is available below.
  - a. Receiver model used: Elite 1600
  - b. Frequency used: 454.0000
  - c. Rental price: \$10

18. Richmond Raceway will utilize Transponders at all events. Transponders will be used to time and score cars during the events. Transponders will be mandatory in all divisions. Drivers will be responsible for purchasing a pouch for the Transponder. The Pouch must be mounted securely to the car, and its location will be on Right Rear Axle Tube. If a driver does not have a pouch, they will be able to buy at the race track for \$20. Transponders will be rented on Regular shows for \$10. The driver is responsible for the Transponder in the event it gets lost or damaged. If a Transponder is lost or damaged, the driver is responsible for the Replacement Cost of \$150. A driver's license will be held along with payout until the Transponder is turned back in each night. If a driver has their own Transponder, a \$5 activation fee will be charged to use this Transponder each night. All Transponders must be Westhold brand in order to work with our loop system. (NOTE: Westhold Transponders that are the ACTIVATED style **will not work** with our loop system)

Once under yellow, cars will be put in single file order with all lapped cars going to tail.

Leader of the race will have the first row alone. Second place car will be given choice of inside or outside row. When asked, drivers should give a clear indication to the official as to which row is chosen. Track officials reserve the right to make lane choice for driver if clear indication not given.

Third place car will go in opposite row from the second place car. Fourth place will go behind second place, fifth behind third and so on. Each row does NOT make their own selection. Cars attempting to go in a different row than they are assigned will be sent to the tail.

### **Receiver start-up procedures**

1. Remove battery door and put AAA Battery in Receiver.
2. Confirm that the unit reads 454.0000
3. Reattach and lock battery door.
4. Plug in earpiece and put foam ends in ears.

5. At end of night's racing remove battery and reattach door. 1. Always use new batteries: The most common problems that occur with Receivers are typically cured by putting in new batteries. Also, new batteries can sometimes be bad right out of the box, so check with a known good battery.

2. Use good quality batteries.

3. Do not put your battery in until just before going out for your heat. Receivers are not used during hot laps or qualifying, so no need to put the battery in early and reduce the life of the battery.

4. The Receiver automatically goes to the proper frequency (454.0000) when the battery is inserted and you should never need to change the channel.

5. If you experience sound distortion, try turning the volume down. Experience has shown that turning the volume to max can cause the sound to distort or break up.

6. Attach your Receiver to your belts or somewhere else close-by in a way that will not cause the earpiece to come unplugged during a race.

7. When rolling out on the track for a race, you will receive a Receiver check through your Receiver. This is to verify that everyone's units are working. You will also receive directions as to where to lineup. During green flag laps, the Receivers will only be used to call out cautions. Typically you will hear something like "Caution, Caution, Caution, Car high in 3." After the caution is out, cars will be directed to where they belong in the lineup, and, if applicable, be told to begin double filing for a restart. On track officials may also direct you to your appropriate spot if necessary.

8. When removing the earpiece from your ears, pull on the foam piece directly rather than pulling on the wires. Pulling the wires can cause them to come loose from the ends and will void any warranty on the earpieces.

9. Be careful with your Receiver. While it is designed to be used in racing applications, it is still an electronic device and is susceptible to the usual dangers such as water damage and breakage. You are responsible for any damage you do to the unit.

### **Tips for getting the most out of your Receiver**

## LATE MODEL RULES

### Body Rules:

Lucas Oil or UMP

### Weight:

Aluminum Block: 2300 lbs.

Steel Block (Including Sealed Crates): 2200 lbs.

NO BURN-OFF, WEIGHT IS WITH DRIVER AT CONCLUSION OF RACE!!

### Spoiler:

8" Spoiler on all cars

**Tire Rule: (TIRE SAMPLES WILL BE TAKEN) (ABSOLUTELY NO ALTERING OF TIRES WITH CHEMICALS!)**

### Front Tires:

Any tire or manufacturer allowed – Open

### Rear Tires:

**Open Motors:** Hoosier: 1350, 1600, & LM40

American Racer: 48 & 56

**Sealed Crate Motors:** Hoosier: FT400, LSB21, LSB55, Crate21, Crate 55, 1350, 1600, LM40, 1640, Spec D55

American Racer: Crate Spec 48, Crate Spec 56, 48, 56

**\*\* Anyone found with chemically altered tires, will be suspended for 3 races and will lose all their points accumulated up to that race. Anyone found a 2<sup>nd</sup> time with chemically altered tires will be suspended for the remainder of the season. If a Tire Sample is taken from any car out of the "A"-Main, the drivers money will be held until the tire sample has cleared the lab.**

### Carb:

Only 1 Carburetor permitted, naturally aspirated.

### Misc:

Raceceivers and Transponders are MANDATORY at all events. (Rentals are Available at track)

## OPEN-WHEEL MODIFIED RULES

### Body:

UMP Rules Apply

### Weight:

Open Steel Block - 2400 lbs. (minimum)

GM602 or GM604 Sealed Crate – 2350 lbs. (minimum)

\*No Aluminum Motors Permitted\*

**Tires:** (some compounds are discontinued by Mfg, but are listed due to some still in use by drivers)

### Front Tires

**Hoosier Tires:** Medium, A40S, M-30s, A40, Hard, H40, & M-60

("D", Medium 100 & 200 Not Allowed)

**American Racer:** Medium, Hard, & Extra Hard

### Rear Tires

**Hoosier Tires:** A40S, M-30S, A40, Hard, H40, & M-60

**American Racer:** Hard, & Extra Hard

\*\* No Grooving Allowed\*\*

**\*\*\* Anyone found with chemically altered tires, will be suspended for 3 races and will lose all their points accumulated up to that race. Anyone found a 2<sup>nd</sup> time with chemically altered tires will be suspended for the remainder of the season. If a Tire Sample is taken from any car out of the "A"-Main, the driver's money will be held until the tire sample has cleared the lab.**

**SPECIAL NOTE: Beginning with 2018 Racing Season, The Following Tire Rule Will Go Into Effect:**

**Front & Rear: Hoosier: M-30S & M-60 or American Racer: Hard & Ex Hard**

**(These will be the ONLY Tires Allowed in 2018)**

### Carb:

Only 1 Carburetor permitted, naturally aspirated.

**Suspension:**

No Traction Control Devices of Any Kind Allowed

**Misc:**

Raceceivers and Transponders are MANDATORY at all events. (*Rentals are Available at track*)

**SUPER STOCK RULES****Engine**

- A) Any cubic inch allowed
- B) Cast Iron block and cylinder heads only
- C) Aluminum or Cast Iron intakes allowed
- D) MSD Ignition allowed (NO MAGNETO'S)
- E) One 2 Barrel or One 4 Barrel carburetor
- F) Gas only
- G) No Turbo's
- H) NO TRACTION CONTROL
- I) Any Transmission Allowed

**Suspension**

- A) 104" wheelbase MINIMUM
- B) Coil spring rear suspension cars must have full frame to center of the rear end
- C) Camaro and nova front stub cars may be tube from the front clip back for leaf spring rear suspension ONLY. Full frame leaf spring conversions are ok.
- D) Rear control arms to be: UPPER to be no more than 1" above or below stock length  
LOWER to be no more than 1" above or below stock length
- E) 1 shock per corner, total of 4 on car. Schrader Valve shocks are ok.
- F) No canister shocks. No aluminum body shocks
- G) No coil over shocks.
- H) No coil over eliminators, Brake Floaters, J bars, Panhard Bars, Lift Bars, Birdcages.
- I) Upper ball joint to be even with #1 spark plug.
- J) No quick-change rear ends.
- K) No strut cars

**BODY**

- A) Aluminum, Steel, and Composite Bodies are ok.
- B) Aftermarket nose pieces are ok. No wedge style late model noses
- C) 8" rear spoiler height max.
- D) Wagon roofs ok.
- E) Spoiler supports to be no more than 23 1/2 " long with no more than 3.

**SAFETY**

- A) Racing seat required.
- B) 5-point nylon quick release harness and safety belt required. Must be in excellent working condition at-all-times. (Harnesses must be attached to frame)
- C) Approved fire suit mandatory. Fireproof; hood, gloves, socks, shoes and underwear recommended.
- D) Full face helmet is required with Lexan shield. (Must be minimum of Snell 85 approved)
- E) Driver side window net minimum of 12" X 12" with 3/4 webbing is Recommended.
- F) An operational fire extinguisher properly mounted within the driver's reach is mandatory.
- G) Drive shaft loop required. Drive shafts must be painted white.
- H) Cockpit mounted master power kill switch required. (Must be acceptable from driver's window)
- I) Isolators required on all fuel pressure gauges located inside the cockpit. (No fuel permitted inside the driver's compartment)
- J) Battery must be securely fastened and contained away from fuel cell.
- K) Fuel cell must be secure and firmly mounted in the trunk area. Fuel line must run under floor and/or covered in 1 1/2 inch tubing.
- L) Must be approved fuel cell.
- M) All other safety rules will be governed by the hosting track.

**GENERAL**

- A) Front bumpers must be constructed of 1 3/4" round or 1 1/2" square .095 tubing (Maximum). Must turn and extend rearward behind the nose a minimum of 6" (No welded 90\* or sharp edges).

B) Rear bumpers must be constructed of 2" round or 2" square .095 tubing (Maximum). Must turn and extend forward behind the quarter panel a minimum of 18" (No welded 90\* or sharp edges).

### **TIRES**

Front Tires: *American Racer*. Hard and Extra Hard ONLY

*Hoosier*. M30 and M60 ONLY

Rear Tires: *American Racer*. Extra Hard

*Hoosier*. M60

NO GROOVING OR SIPING

Tires will be subject to testing at any given time by track officials as well as KDRA officials

### **WEIGHT**

All lead must be white in color and marked with car number.

A) 3000lbs MINIMUM weight.

### **MISC**

A) Raceivers are MANDATORY at all events when applicable.

### **MISC**

A. Raceivers and Transponders are MANDATORY at all events. (*Rentals are available at track*)

## **SPORT MOD RULES**

### **Engine:**

1. Blocks

a. Chevy 350, Ford 302 or 351W, Mopar 340 or 360. OEM steel block only. (Max Cubic Inch 390).

b. 602 Crate Engines will be allowed with cast iron heads (no aluminum heads). The 602 crate engine must maintain original dual plane intake. Carburetor must match the rest of the rules.

c. Must be wet sump only (in the pan) no external oil pump of any kind.

d. Oil Pan Must be steel only no exceptions.

e. No evacuation pump of any kind on the engine.

2. Harmonic Balancer

a. Must be SFI approved.

3. Compression (AMRA rules engines)

a. 175lbs. max compression (Hot) NO TOLERANCE.

4. Vacuum (Portsmouth, 201 & Isom rules engines)

a. Must pull at least 15 lbs. vacuum at 1000 rpms. NO TOLERANCE.

5. Pistons

a. Must be dish or flat top pistons.

b. No gas ported pistons.

6. Heads

a. Heads must be steel only with stock diameter valve spring. (Example: Chevy 1.260 not 1.625) No beehive or barrel springs, no stud girdles, must have OEM style stamped steel rockers may use roller tip only, no full roller rockers.

b. 3/8 "Diameter rocker studs maximum.

c. If factory is 23 degrees valve angle your heads must be 23 degrees.

d. No porting of any kind. (This to include gasket matching & bowl blending.)

e. No Canted Valve Heads (Cleveland Type)

f. No spacers between heads & intake.

7. Cam

a. Hydraulic or flat tappet (solid) no roller of any type, must fire OEM (example: Chevy (18436572) no 4-7swap cams.

## 8. Intake Manifold, Adapters and Spacers

- a. Any 4 BBL open plenum. No porting or machine matching of any kind.
- b. Max 1 ¼" tall carburetor spacer. This dimension Includes gaskets and adaptor.
- c. No Velocity tubes on adaptors or built into the intake of any kind.
- d. A straight open hole spacer allowed. NO Super sucker type spacers allowed.
- e. NO PORTING of any kind. This includes gasket matching or anything to increase air flow.

## 9. Carburetor

- a. 1 stock (4412) 2 barrel Holley no modification except removal of choke plate.
- b. 1.375 Venturi 1.687 Base Plate max. Must have stock measurements. Carb gauges will be used.
- b. You may change jets, power valve and accelerator pump only.
- c. Must use stock metering blocks.
- d. There is a \$360 (cash only) buy out on any carb or trade claimer for his. Driver must advise tech official of claim within 10 minutes of the end of the feature race with cash in hand. Anyone refusing buy out will lose all money and points accumulated for that night. The Driver placing a claim must be on the lead lap. Tech official reserves the right to claim any carburetor at any time.

## 10. Air Cleaner

- a. Only one single round air cleaner. No air boxes.

## 11. Fuel Pump

- a. OEM style diaphragm pumps only.
- b. Must be mounted in Stock location.
- c. No electric or belt driven pumps etc..

## 12. Ignition

- a. No trigger type and /or crank trigger type: MSD or HEI (OEM) is permitted.

### **Battery:**

1. Only one American passenger car battery with a maximum of 12 volt. (No 16 volt batteries).

### **Transmission:**

1. Bert, Brinn, Falcon etc. acceptable.
  - a. Must have forward and reverse working
  - b. Must have an explosion proof bell housing or approved shield if using stock type flywheel.

### **Rear End:**

1. Steel tube Quick change or any American OEM.
2. NO cover on pull bar spring/bushings.

### **Shocks:**

1. Steel CRIMPED / SPUN tube top and bottom.
  - a. There is a \$80 (cash only) buy out on any shock or trade claimer for his. Driver must advise tech official of claim within 10 minutes of the end of the feature race with cash in hand. Anyone refusing buy out will lose all money and points accumulated for that night. The Driver placing a claim must be on the lead lap. Tech official reserves the right to claim any shock at any time.
  - b. non-adjustable, non-rebuildable.
  - c. Must have a fixed bearing and can have a removable hime joint.
  - d. No Schrader valves or remote reservoir shocks of any kind.
  - e. No gas shocks of any kind. Oil filled only.

- f. NO bump stops or shims of any kind.
- g. NO shock covers.
- h. NO ALTERING OF SHOCKS

**Suspension:**

- 1. Must comply with UMP Modified Rules.
  - a. Any 3 Link or OEM 4 Link will get a 100lb weight break.

**Weight:**

- 1. 2500 lbs minimum weight (Any stock sealed GM crate 602 2350lbs).
  - a. Weight penalties may be added as deemed necessary by the tech officials.
  - b. All weights must be painted white with the car number on them. All weights must be mounted below the deck and in a safe secure manor. Any car losing a weight on the track will be disqualified.

**Body:**

- 1. Must comply with UMP Modified Rules.

**Tires:**

- 1. 8" wheels and tires.
  - a. Anyone found with chemically altered tires, will be suspended for 3 races and will lose all their points accumulated up to that race. Anyone found a 2nd time with chemically altered tires will be suspended for the remainder of the season. If a Tire Sample is taken from any car, the driver's money will be held until the tire sample has cleared the lab.

**Cooling System:**

- 1. Cooling System may be modified.
  - a. Radiator and oil cooler must not protrude above interior.
  - b. No Electric water pumps or cooling fans.
  - c. No sprinkler systems.
  - d. Any overflow tubes are to be directed to the ground, between frame rails.

**Starter:**

- 1. All vehicles must have the capability of starting without being pushed or pulled.

**Exhaust:**

- 1. May use aftermarket headers.
  - a. Exhaust system must be mounted in such a way as to direct spent gases away from cockpit of vehicle and away from areas of possible fuel spillage.
  - b. Exhaust header outlets no higher than midline of the body sides. Officials may require turn downs on the collectors.
  - c. Dual exhaust only no "Y" pipes or 180 headers.
  - d. No oxygen sensors allowed.
  - e. Tri "Y" headers are not acceptable.

**Fuel:**

- 1. Gasoline ONLY (NO methanol, alcohol, or nitrous allowed).
  - a. Race Fuel is allowed.
  - b. E85 gasoline is allowed.

**Safety:**

See track Safety Equipment rules.

## **4-CYLINDER RULES**

### **GENERAL**

1. Any Rear wheel OR Front wheel drive CAR that came from factory with a non-turbo single or dual cam 4-cylinder engine permitted.
2. NO trucks, mini vans, or station wagons permitted.
3. Engine MUST be Naturally Aspirated only. ABSOLUTELY NO turbo, nitrous, methanol, or alcohol based configurations allowed.
4. Original engine must match original vehicle. Ex: Ford in Ford, Chevrolet in Chevrolet, etc.

### **SAFETY**

1. Before competition, ALL glass, plastic, mirrors, body molding, trim, carpet, fabric, and anything flammable or harmful to the driver, officials, or fans MUST be removed. Cars must be completely gutted.
2. All cars must have a solid 6-point roll cage.
3. ALL Roll cage components must consist of 1 ½" x.095 steel tubing.
4. Roll cage design must include a minimum of 5 bars extending side to side. (top of main hoop, front of halo, dash bar, middle of main hoop, and bottom of main hoop)
5. Roll cage must be welded directly to the frame OR welded to ½" steelplates, 4" x 8" minimum size, sandwiched on floor.
6. Doors on both driver side and passenger side must have 3 bars, with connecting bars in between.
7. The Main Hoop must consist an "X" style bar or single diagonal bar.
8. There must be a diagonal bar in center of the top hoop.
9. Gussets highly recommended but not required.
10. A minimum of three (3) windshield bars are required in front of driver. Bars must be at least ⅜" in diameter.
11. Racing Style seat is MANDATORY. Full Containment is not required, but strongly encouraged.
12. 5-point racing type seat belts are required.
13. Racing Seat AND belts must mount to frame or roll cage.
14. Quick release steering wheel is required.
15. Fire Extinguisher must be up to date and mounted inside the cockpit within reach of the driver.
16. Battery must be securely fastened down. IF located inside cockpit, the battery must be completely enclosed.
17. Battery Master disconnect switch must be within reach of driver at all times.
18. Window Net is not required but strongly encouraged.
19. Approved Helmet must be worn at – all - times while on track. Helmets must be Snell SA 2010 or newer. (NO open-faced dirt bike style helmets allowed)
20. Drivers must wear approved racing fire suit at – all - times while on track. (1 piece suit & 2 piece suits are allowed)
21. Racing shoes are mandatory.
22. Racing gloves are not mandatory but strongly encouraged.
23. Head & Neck Restraints are not required but STRONGLY encouraged. Horse collar restraints, Hans, NecksGen, and Zamp are all acceptable.

### **ENGINE**

1. Engine type that came in the car must be run.
2. Engine MUST remain in stock location with NO setback.
3. ABSOLUTELY NO aftermarket blocks, heads, or intake manifolds permitted. This includes ESSLINGER, Race Engineering, & ANY other performance company. Modifications of any sort are allowed on blocks, heads, and intake manifold. However, they must remain the factory piece with part number or stamp visible.
4. Internal modifications are permitted. This includes but not limited to: pistons, rods, crankshaft, camshaft(s), lifters, valve springs, bearings, etc.
5. Aluminum Heads are only permitted on cars that came from the factory with aluminum heads. NO aftermarket aluminum heads permitted.
6. Fuel Injection permitted on cars that came from the factory with fuel injection. NO aftermarket fuel injection allowed.
7. Cold Air intake is permitted. Stock air box may be removed for placement of cold air intake.
8. Aftermarket headers are permitted.
9. ECUs are allowed to be programmed, flashed, chipped, or upgraded.

### **SUSPENSION**

1. Stock suspension ONLY with the exception of aftermarket springs. Racing/aftermarket springs will be permitted.
2. Trailing arms, A-Frames, and other components may be altered, however NO adjustable suspension components of any kind will be allowed.
3. Shocks, Springs, and other suspension components MUST remain in their original, stock location.
4. Screw Jacks of any kind will NOT be permitted.
5. Strut towers and hubs may be reinforced or changed for extra strength.

#### **REAR - END & TRANSMISSION**

1. ALL transmissions must remain stock and completely unaltered.
2. ABSOLUTELY NO Bert or Brinn transmissions allowed.
3. For RWD cars, 8.8" and 7.5" rear ends ONLY will be acceptable.
4. ABSOLUTELY NO 9 - inch rear ends will be permitted.

#### **BODY & FRAME**

1. Stock frame MUST be used, with only modifications for roll cage placement.
2. ABSOLUTELY NO tube cars of any kind will be permitted.
3. Stock firewall must be used with any holes covered or patched.
4. Bodies may be constructed of steel or aluminum, with front fenders remaining steel, and roofs constructed of steel OR fiberglass.
5. Aftermarket replacement body panels of steel or aluminum are permitted
6. Aftermarket nose pieces are permitted.
7. AR Bodies components are permitted for competition.
8. Body may be of stock configuration or custom - built.
9. Doors must be welded, bolted, or chained shut at all times.

#### **TIRES & WHEELS**

1. Street type DOT radial tires ONLY.
2. Hoosiers, American Racers, mud, snow, and any other racing tire is not permitted on the track.
3. 13" and 14" tires ONLY for Rear Wheel Drive cars.
4. 13", 14", and 15" tires ONLY for Front Wheel Drive cars.
5. Aftermarket or racing wheels are allowed. Maximum width is 8 inches.
6. Beadlock wheels are allowed on both front and rear wheel drive cars. Up to 4 beadlocks are permitted.
7. ABSOLUTELY NO chemical tire prep of any kind is permitted.

#### **FUEL**

1. Fuel may be pump gas or racing fuel.
2. ABSOLUTELY NO methanol, alcohol, or nitrous is permitted.
3. Fuel may be stored in original, stock tank OR in aftermarket fuel cell placed appropriately in rear of car.
4. If aftermarket fuel cell is used, a firewall must be positioned between the cell and the cockpit.

#### **MISC**

1. Tow Hooks OR Tow Chains must be accessible in front and rear of car for towing access.
2. Raceceivers MUST be used at ALL times while on track.

#### **RULE BOOK DISCLAIMER**

*1. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. No express or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.*

*2. The race director shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in his 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 officials. Their decision is final.*

**WE RESERVE THE RIGHT TO MAKE REVISIONS, IF NEEDED!**