



2016
RULE
BOOK

HI-WAY 92 RACEWAY PARK

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General Disclaimer

The rules and regulations set forth herein are designed to provide for, the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESS AND/OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM THE PUBLICATION OF OR COMPLIANCE, WITH THESE REGULATIONS,** They are intended as a guide for the conduct of the sport and in no way do they act as a guarantee against injury and/or death to a participant, spectators and any other person.

Hi-way 92 Raceway Park shall be empowered-to permit deviation from any or 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 ALTERATIONS OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of Track Officials. **Their decision is final.**

Hi-way 92 Raceway Park reserves the right to revise these rules at any time it deems necessary. Hi-way 92 Raceway Park also reserves the right to visually and/or physically inspect any vehicle prior to, during, or after the event in order to determine compliance with these rules.

It is the responsibility of all participants of Hi-way 92 Raceway Park to be familiar with and understand all rules as herein stated. If you have any questions about the general or safety rules, consult a Track Official.

GENERAL POLICIES AND PROCEDURES APPLICABLE TO ALL DIVISIONS

We welcome all drivers, owners, and crew members to race at Hi-way 92 Raceway Park. Any persons age 13 to 17 must provide a signed and notarized minor release form to the Track Officials prior to entering the pit area. Release forms are at the pit entrance. Please read all of the rules carefully. If you intend to build a race car which might be questionable under any rules, please contact the Track Officials before proceeding.

RULES OF CONDUCT

Drivers are responsible for the conduct and actions of their crew members. All participants will conduct themselves in a sportsman like manner as a gentleman or lady at all times when appearing before the public as a contestant or an official. Any misconduct such as tantrums, obscene gestures, or vulgarity is a minimum \$50.00 fine and/or suspension.

Each driver, pit attendant, and employee shall have a proper pit pass which must be worn at all times during the race event. **NO EXCEPTIONS!**

Participants of Hi-way 92 Raceway Park or members of other sanctioned clubs racing as visitors who agitate or create a demonstration while on the premises shall be suspended one or more events and/or fined by Hi-Way 92 Raceway Park.

The speed limit in the pits is 5 miles per hour. Speeding will result in a \$50.00 fine and/or suspension as deemed by the Track Officials

Anyone-found-guilty of fighting (Upon review of Track Officials) at a Hi-way 92 Raceway Park function may be fined up to \$200 and/or suspended for 1 week. A second offense will result in suspension for the remainder of the racing season. All fines must be paid and suspension time completed before the offender is allowed to participate in a Hi-way 92 Raceway Park function or enter Hi-way 92 Raceway Park property. In addition, if the offender is a driver/owner, he/she will automatically lose points and/or money won at a particular race. Any person entering another pit in an aggressive manner will be determined to be the aggressor if a conflict arises. Fines will be assessed accordingly. Any person striking or pushing any Track Official will be suspended for the remainder of the night and will lose all points and money gained that night. A second offense will result in a loss of points and money gained during the season, suspensions may also be assessed. **DO NOT ARGUE WITH TRACK OFFICIALS!** 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.

No dumping of grease, oil, or any other fluids on speedway premises! No old tires are allowed to be left on the speedway premises! There will be a \$100.00 fine issued to anyone found dumping fluids or tires at the speedway.

**No personal cars, trucks, or motorcycles allowed in the pits!
No pets allowed in the pits!**

INTOXICANTS AND NARCOTICS

The use of intoxicants and/or narcotics by anyone in the pit area is strictly prohibited before and/or during the racing events. Persons found guilty will be faced with a penalty of immediate expulsion from the event and removal from Hi-way 92 Raceway Park property by security personnel. **DRUG TESTING**

MAY BE REQUIRED. Alcohol may be consumed after the last event of the evening has been completed and all cars have been put on the trailer or otherwise loaded. Drivers in violation of this rule will also lose all points, money and trophies earned for the day's events.

HI-WAY 92 RACEWAY PARK LIABILITIES

Any injury at the track must be reported to a Track Official immediately after the incident or accident. Do not make statement to doctors or hospitals that Hi-Way 92 Raceway Park will assume payments of your bills. This may not be true. Hi-Way 92 Raceway Park and/or their insurance company may not consider your bill to be a legitimate claim. If the injured party is unable to file the claim, the claim must be made by the injured person's next of kin. Remember you and your insurance company are primarily responsible for your doctor and hospital bills. Hi-way 92. Raceway Park is only a secondary coverage upon the decision that it is a legitimate claim.

Track insurance does not and never has paid ambulance fees. This cost, if incurred, is your responsibility. Track insurance may seek reimbursement of claims paid if caused by anyone's negligence.

Any driver injured during a sanctioned race will be required to obtain a release' form from a physician before they will be allowed to drive again. In addition, the individual's return to racing will cancel benefits to 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.

FLAGGING RULES

The flags and lights will be under the control of the flagman and the flagman's assistant, under the flagman's direction, at all times. Anyone annoying or distracting the flagman/judges or any other Track Official during the events will be removed from the speedway for the remainder of the event.

Calls made by the Flagman and the Officials are judgment calls and therefore their calls are FINAL. No one will be allowed to protest these calls.

Green Flag - Signifies the start or restart of the racing event. When the yellow light goes off during the parade lap, the flagman is prepared to start the race. All cars must be close up nose-to-tail and hold their positions until the green flag is thrown. Once the green flag is thrown, cars may begin to pass on the outside only, not on the inside, until the start/finish line. Any cars jumping positions or holding up the race will be sent to the rear of the field. If the yellow flag comes out after the green flag has been thrown and the first lap has not been completed, an original restart is required. All cars must cross the start/finish line to make one complete lap. Cars may only enter the racing surface from the pit area when

directed to do so by a Track Official.

Yellow Flag - Signifies a Caution. Slow down immediately. No racing to the yellow flag and no passing allowed, hold your position. Yellow flag laps will not be counted, (Unless specified for special events.) The re-start line up will be determined by the last green flag lap completed. Any car or cars involved with causing the yellow flag will be sent to the back of the pack. Cars spinning or stopping to avoid the incident will maintain position upon restart upon discretion of the Track Officials.

No cars shall stop on the race track to discuss anything with crew members on a yellow flag or they will automatically be disqualified from that event. No one is allowed on the track during a yellow, except Track Officials. Pit crew members entering the track or a driver getting out of his/her car during a yellow will be disqualified from the event.

No cars will be allowed to exit the racing surface by entering the pits through the racing surface entrance. Anyone who does this will receive a \$250.00 fine along with a possible three (3) week suspension.

Only cars forced off the track, as determined by Track Officials will be allowed to return to the racing surface and regain their position. Cars that enter the pit area will line up at the rear of the field. Cars can only re-enter the track when directed by Track Officials. There will be no speeding in the pits.

Red Flag - Signifies that the race has been Stopped! The race must be stopped immediately; regardless of the position of the cars on the track. All cars must stop quickly and as safely as possible, as soon as the red flag appears. Then, they should only proceed, as directed by Track Officials, in a safe manner to the designated area. In the event of a Red flag, lineups will be determined by the yellow flag rule. Cars that are not ready on time and is not on the way, it will be left until the conclusion of the event, unless otherwise directed by Track Officials

Black Flag - Signifies disqualification from the event. Cars that are disqualified during the event must leave the track immediately. If a driver refuses to leave the track, he/she may be fined up to \$10.00 per lap. Cars may be disqualified for several reasons:

1. Reckless driving or excessive roughness will not be tolerated. This will result in disqualification. This disqualification will result in no points or money being awarded to the driver for that event and in extreme cases, may result in a minimum \$50.00 fine and/or suspension. Suspensions will not end until the fine is paid in full and Track Owner and Officials have lifted the suspension.
2. Safety problems and owners 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 car owner. If a car is disqualified for this reason, the driver will be awarded points and money for his/her finishing position.

3. Cars which spin twice unassisted. (as determined by Track Officials)

Crossed Green and Yellow Flags - Signifies the halfway point of the race.

Blue Flag with Diagonal Yellow Stripe – This is the Move Over Flag. This signifies that the leaders are coming upon you to lap you. Lapped cars remain on the high side of the track when being lapped by the leaders. If you do not respond to this flag after 2 laps, you may receive the Black Flag at the discretion of the flagman.

White Flag - Signifies the start of the last lap. If the yellow comes out after the white flag is displayed, the race will finish as green, white, checkered, in which the line up will be determined according to the last, fully completed green flag lap.

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. Once the Checkered Flag is displayed, please exit the track immediately. Do not remain on the track unless you have won the race.

CONDUCT OF RACES

All cars must scale prior to, or after (as determined by Track Officials), the Main event.

All cars must make the appropriate weight. The top 3 cars, plus 2 mystery finishers may be tech'd after the Main event. Anyone refusing to scale or go through tech will be disqualified from that night's events. Anyone stopping on their way to tech, after the Main event, will be disqualified. The driver will lose points and money for that night.

1. When cars are called to scale, they will need to line up and be ready immediately. After being scaled, they will line up in the staging area. NO cars will be allowed to return to their pits after being scaled.
2. Race line ups will be left up to the Track Officials.
3. If any race is stopped, all cars must stop on the track. All restarts will line up double file. Original restarts only happen if all cars have not yet completed 1 full lap.
4. Any car that spins off the track must return to the track in a safe manner.

LENGTH OF EVENTS

Trophy dashes will have a minimum of 5 cars, maximum of 6, and will run 8 laps.

Heat races will be 12 laps. There will be only one heat if 10 or fewer cars are present. If 11 or more cars are present, there will be 2 heat races.

Main events for all classes will run 25 laps or 2 laps per car with a maximum of 40 laps, whichever is greater, excluding special events.

There must be at least 5 cars in a class in order to constitute a race, subject to the discretion of Track Officials, if there are less than 5 cars in a class, they will run 2 laps per car.

RAINOUTS

A race will be called in the case of inclement weather as determined by Track Officials. If any main events have been completed, it will constitute a complete race meet. Points and money will be awarded for those events that have been run. If no main events have been completed, it will constitute a rainout. No points or money will be awarded. All persons who retain and present admission tickets from a rainout will be admitted to the next racing meet free of charge, providing that there are no additional admission charges for the next meet. Persons with rain check admission tickets must pay the difference in this case. General admission rain checks are only good for the next meet following the rainout.

POINT SYSTEM

Once you have taken the initial green flag, you will be awarded with points for that race. Points will be awarded as follows:

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

Heat Races: 15-14-13-12-11-10-9-8-7-6-5-4-3-2-1-1-etc,

Slow Heat: 9-8~7-6-5-4-3-2-1-1-1-etc.

Main Events: 26-24-22-20-18-16-14-12-10-8-6-4-3-2-etc.

PROTESTS AND PENALTIES

There will be NO protest of any officials/judges decisions. These calls are FINAL. However, the driver/owner may request an audit or explanation of the lap sheets. Other protests and penalties will be as follows:

1. Protest must be in writing and be specific.
2. Protest must be filed, by the driver with the Track Officials, before or within 15 minutes of the conclusion of the Main event for that class. If the protest is of a visual part, it will be done immediately following the filing to the protest. If it requires a teardown, the car will be able to finish racing and will be impounded

- at the end of the Main Event. Track Officials reserve the right to accept or reject all protests.
3. Track Officials will conduct any teardowns and be responsible for the visual and or physical inspection of the protested vehicle. Only 3 persons associated with the protested car may be in attendance at the teardown and be allowed to remove any part of the vehicle as requested by the Track Officials. Only a qualified car driver competing in the same race is eligible to protest a car within that class. Only 3 persons associated with the protestor will be in attendance at the teardown.
 4. Any illegal parts found during a protest or track teardown will be confiscated and become property of Hi-way 92 Raceway Park.
 5. A \$150.00 cash protest fee will be required for a chassis inspection or a non-engine part. A \$200.00 cash protest fee will be required for 2 internal parts. An additional \$25.00 will be needed for each additional item requested. The protestor will only be allowed to look at the specific item or items requested. \$50.00 will be paid to the teardown facility for their inconvenience. If the car is found to be illegal, the driver will lose all points accumulated to that point and the cash protest less the \$50.00 will be returned to the protestor. If the car is found to be legal, the cash protest less the \$50.00 will be given to the protested car owner/driver to help defray the cost of rebuilding his/her car. If there is a second teardown on the same car and the car is found to be illegal both times, that car will not be allowed to return for the remainder of the season. All disassembly will be performed and a decision will be concluded within 24 hours of the conclusion of that nights events. Any protested car will be impounded immediately. Any owner/driver who refused a teardown shall automatically lose all accumulated points for the season. If a teardown is refused, all money will be returned to the protestor. Any car refusing a teardown must have a complete inspection by the track tech upon returning to a scheduled race meet and before that car will be allowed to compete.
 6. If a car is found to be illegal in tech, the driver will lose all money and points won at that event.
 7. Track Officials reserve the right to protest or teardown any car. If the car is found to be legal, Hi-way 92 Raceway Park will buy the gasket set.
 8. If, during the process of teardown, there is any unsportsmanlike conduct, such as profanity, disturbances, or fighting, it will result in fines and/or suspensions being levied. There will be no alcohol allowed at any teardown! In all teardowns, Track Officials decisions will be final.

REQUIREMENTS FOR ALL RACE VEHICLES

TECH AND SAFETY

These rules apply to all classes unless otherwise noted in the class rules. All cars must go through tech inspection for safety and be approved by Track Officials before being allowed on the track. **This does not guarantee that your vehicle will pass a post race tech inspection.** Track Officials reserve the right to require repairs or improvements to any race vehicle or component prior to participating in any event or practice.

Safety Inspection Failure

At the discretion of the Track Officials you may be eligible to participate in that scheduled event if you fail safety inspection. However, you will not be able to compete in any further events until **all** safety infractions noted are corrected. There will be no exceptions!

Visitor Rule

If you don't conform to the Hi-way 92 Raceway Park rules, you will start at the back of the fast heat and in the back of the main event. You will not run the trophy dash. You are not eligible for track records. You must register your car for points and money.

Roll Cage

1. All cars must have a four post type roll cage with cross bars arranged for stability.
2. Post will be securely welded to frame.
3. Cage must have 3 parallel bars on the driver side door and 3 on the passenger side door with 2 vertical bars on each side between each pair of parallel bars.
4. A deflector plate is required on the driver's side door, minimum 1/8 inch steel plate welded to roll bars, this is mandatory in all classes.
5. Cages are to be constructed of a minimum of 1 3/4 inch OD tubing. Wall thickness is to be a minimum of .095 wall thickness.
6. **NO PIPE ELBOWS OR COUPLING ALLOWED.**
7. All bars must be padded anywhere the drivers head or body possibly could make contact with them. Welded joints are not to be covered with padding.
8. **NOTE:** Bracing of cage may be limited by class rules.
9. Previously raced cars will be allowed to continue to use cages with the existing 1 1/2 inch tubing.
10. Driver's head must not protrude outside cage with helmet on.

Helmets and Firesuits

1. Fire suits are required in all classes and must be labeled, by manufacturer, as being a flame retardant material.
2. Fire suits must be kept clean and in good repair. This will be highly enforced.
3. Gloves and proper shoes are required.

4. Fire resistant neck collars, HANS or Hutchens Devices are recommended. (It is the driver's discretion whether they use them or not.)
5. Helmets are mandatory and must be Snell 2005 standard or equivalent.

Seats and Steering Wheels

1. Metal racing seats are mandatory.
2. Seats must be securely fastened to the roll cage or frame rail. **NOT TO BODY OR FLOOR!**
3. No folding type seats and no homemade seats allowed.
4. Padded head rests are required for all classes.
5. Steering wheels must have a padded center.

Safety Belts, Harnesses, and Window Nets

1. Safety belts and harnesses must be a 5 point quick release approved racing harness.
2. All belts must be securely fastened to the roll cage, not to the car body or floor.
3. H Type safety harness only. Y-belts will not be allowed,
4. Belts must be dated. Belts are good for 5 years. Example: Belts that are dated 2011 will be good through 2016.
5. Window nets are mandatory in all classes. No Mesh or String Nets.

Fire Extinguishers

Fire extinguishers are mandatory in all cars and must be securely mounted, (fastened with a metal strap), within easy reach of the driver on an approved bracket. Brackets must be metal, **NO PLASTIC!** All fire extinguishers must have a gauge.

Bodies

1. Bodies must be maintained in a neat and reasonable manner.
2. All sharp edges must be rolled over or covered.
3. All cars must begin their first race of the night with a complete body.
4. All cars must have a metal firewall and metal floorboard.
5. A firewall must be constructed where the rear seat section was located. Sheet metal must be used as a fire stop.
6. All unnecessary holes must be filled.
7. All flammable materials must be removed from the car.
8. Hoods and rear deck lids must have a minimum of 4 positive fasteners, one fastener in each corner.
9. All bumpers must be securely fastened in place and have no sharp or protruding ends.
10. All doors must be securely welded, bolted, riveted, or chained shut.

Windshield and Glass

1. All glass must be removed except for the windshield, which may be original equipment.

2. Original windshield must be securely fastened in with window tabs or straps minimum of 4- 1/8"x1" tabs.
3. Lexan (1/8" minimum) may be used in the windows secured by rivets.
4. All headlights, taillights, turn signals, marker lights, etc. must be removed.
5. No Plexiglas or tempered glass is allowed.
6. Windshields must have a minimum of 3 bars placed such that objects would be reasonably deflected from entering the driver's compartment.

Car Identification Numbers

1. No car number shall be more than 2 numerical digits.
2. No alpha numbers will be allowed with the exception of visiting cars.
3. Numbers must be at least 18 inches high and in a contrasting color.
4. Numbers must appear on both door panels and on the roof of the car facing the grandstands when the car is at the start/finish line.
5. If the numbers are not legible, Hi-way 92 Raceway Park will not be responsible for purses or points not received.
6. If you have a number you would like to keep, you must register it with the Track Officials. **NO EXCEPTIONS.**

Car Registration

Each car owner must pay a registration fee per fiscal year for each car entered under a different number. Car numbers are the property of the car owner and upon a change of ownership, the number must be removed, unless reissued and transfer is approved by the Track Officials, whose decisions are final. If the transfer is not authorized, then the new owner must re-register the car by payment of the specified fee. Participants of Hi-way 92 Raceway Park will be allowed to have only one car per class registered with the same number. A primary and a secondary driver may be registered to each car in each class to receive points. No other substitute drivers will be allowed to receive points.

Cooling System

1. **No Antifreeze allowed!!** There is a \$100.00 fine for anyone found to have antifreeze in their car.
2. One 1 gallon overflow or OEM can is required. It must be securely fastened within the frame rails.
3. All engine mounted fans, must have a fan shroud.

Fuel & Fuel System

1. Pump gas, racing fuel, or E85 fuel only. No alcohol, methanol, nitro or additives will be allowed.
2. Fuel cells are mandatory for all classes except Bumblebees and Hornets.
3. Fuel Cells must be mounted in the trunk area of the car.
4. They must be separated from the driver by metal.
5. Fuel cells must be enclosed in a metal housing. A 1/8 inch metal plate must be welded in front and back of the fuel cell.

6. Fuel lines may be steel or rubber type tubing. Original fuel line will be accepted. Steel tubing is strongly recommended. Rubber tubing must be run through steel tubing or conduit.
7. A ground strap from the fuel cap to the chassis is required for all fuel tanks.
8. Fuel shut off valves, if used, must be within easy reach of the driver. They must be clearly marked so that anyone would know the difference between the off and on positions.
9. Cars using electric fuel pumps must use the ignition switch as a shut off. They must also use an oil pressure activated fuel shut off switch as well.

Batteries

1. Batteries must be relocated to the area behind the driver's seat.
2. Batteries must be securely fastened preferably to the roll cage or frame rail. When this is not possible they may be securely fastened to the floor.
3. Batteries must be in an approved battery box. Steel Preferred, covered and safety approved by Track Officials.
4. Batteries are not to be located in the trunk compartment.

Drive Shafts

1. All drive shafts must be painted white with the car's number on it.
2. Drive Shafts must have a 360 degree loop, no less than 2 inches wide. This must be placed around the drive shaft and fastened to either the floorboard or cross member of the car. This loop must be within 15 inches of the transmission from the U-joint.

Added Weight

Added weights must be bolted securely and painted white with the car's number on it. A \$100.00 fine will be issued for any weights coming loose from the car while outside your pit area.

Noise Ordinance

All cars must meet designated noise level as set by Track Officials using the Hi-way 92 Raceway Park decibel meter. Noise ordinance will be set at a 100 decibel maximum.

Tow Hooks

Tow Hooks are mandatory. All cars must provide for quick and easy access to two hooks on the front and back of the race vehicle or pick up points for the wrecker. Track Officials and wrecker crews will not be responsible for damage to your car.

Mirrors and Radios

No mirrors or radios allowed in any class except as noted in class rules!

Note: If you have any questions about these rules, consult a Track Official.

QUARTER MILE CAGE CARTS

The quarter mile cage carts are basically a roll cage on wheels with stock 4 cycle motors. This keeps the class affordable to both budget minded racers and the beginning racers. Racers in this class should enjoy up close racing, where a driver might find himself drafting off the cart in front of him on the straight away or going 4 wide in the turns. Since this class is limited to stock 4 cycle motors only, racers will learn the importance of a good cart setup using stagger, various tire compounds, etc. This is what really makes this class a pure and fun class to both the experienced and beginning racer.

ROLL CAGE

A 4 post roll cage is mandatory. All points must be welded to the frame. All roll bars must be well padded anywhere contact with the head or body is possible. Roll cage is to be constructed of a minimum of 1/8 inch steel. No pipe elbows or couplings allowed.

FRAME SPECS

1. Frame is to be constructed of a minimum 1 inch OD tubing with a wall thickness being a minimum of 1/8 inch. Approximately 120 feet needed per frame/roll cage.
2. No pipe elbows or couplings allowed.
3. Frame length is to be a minimum of 75 inches and a maximum of 92 inches.
4. Frame width is to be a minimum of 46 inches and a maximum of 58 inches.
5. Frame is to have, at minimum, 3 inches of ground clearance and a maximum of 5 inches.
6. Bumpers must not have any sharp or protruding edges.
7. Wheelbase is to be a minimum of 54 inches and a maximum of 60 inches.
8. A firewall with a minimum of 14 gauge steel plate is mandatory between the driver and motor.

SAFETY

1. All carts must be safety approved by Track Officials before being allowed to compete.
2. Arm restraints are mandatory.
3. An approved tip over valve is mandatory

ENGINES

1. The only approved motors for this class are 13hp
2. Must be a 4 cycle motor only! No 2 cycle motors allowed.
3. NO racing motors or racing parts allowed.
4. NO polishing, grinding or painting of the motor is allowed.
5. Motor must look and remain stock in appearance, with exception to the

approved modifications listed below.

6. All motors must have readable identification numbers for motor identification purposes.
7. All unidentifiable motors will be considered "out of Spec" and will not be eligible to compete. This is to insure the integrity of the class.

WEIGHT WITH DRIVER

Minimum weight is 640 pounds and maximum is 750 pounds.

DRIVE TRAIN

1. Carts must be direct drive using centrifugal clutches only. NO gearboxes or torque converters allowed.
2. Rear axle must be a live axle WITH A MINIMUM OF 1 1/4 INCH DIAMETER.
3. Rear axle must be no longer than 42 inches.

BRAKES

Hydraulic brakes are mandatory for this class. NO fun cart brakes allowed.

WHEELS AND TIRES

Wheels are to be a minimum of 5 inches in diameter and a maximum of 6 inches in diameter.

APPROVED MODIFICATIONS

1. The stock muffler may be replaced with a header pipe.
2. Stock air filters may be replaced with a higher velocity air filter.
3. Air boxes are not allowed.
4. You may use the spark plug of your choice.
5. Any other modifications not listed will not be allowed.
6. Jetting is allowed.

BUMBLEBEES

This class of cars has been designed for the beginning stock car driver.

Remember, this class is fun and designed to help a new driver gain experience at a reasonable cost. Bumble Bees are cars that race, not race cars. Any car that violates the intent and/or purpose of this class may be removed from the class.

Bumble Bees will run for season points and trophies.

Bumble Bees will be painted all yellow with Diamond Vogel Paint No. AZ3434 Fed Yellow with lettering and numbers any color. If the car you have needs more than a basic tune-up and new brake pads, you would be better off building a different car.

COMPETING MODELS , AND NO CLAIMER RULES

1. Any 1970 or newer, front or rear wheel drive with a 3 or 4 cylinder, non turbo charged engine.
2. No rotary engines allowed.
3. Manual and automatic transmissions will be allowed.
4. Minimum weight is 2300 pounds with the driver before the Main Event.
5. Maximum wheelbase is 103 inches.
6. All cars are subject to tech approval.
7. NO 4 wheel drive, 4 wheel steer cars will be allowed.
8. NO truck or SUV type vehicles will be permitted.

CAR, BODY, AND SPOILER

1. All of the body, frame, suspension, engine, cooling, transmission, brake, and drive line components must be strictly stock components for that year, make and model.
2. The gas, brake, and clutch pedals must be stock.
3. Parking brake may be removed.
4. Bumpers may be welded into place.
5. Bumper ends may be capped and have attachments to the fenders, which prevent hooking of bumpers.
6. Window regulators may be removed.
7. Hood and trunk must be secured by hood pins only. NO other latching devise allowed.
8. Full dash panel is required.
9. Stock steering column must be retained.
10. Air conditioning compressors, smog pumps, extra wiring, heat and a/c boxes and coils may be removed. The holes left in the firewall must be covered.
11. Aftermarket gauges may be used.
12. A single plane rear spoiler with maximum height of 5 inches is allowed.

TIRES AND WHEELS

1. Only mass production OEM factory aluminum or steel wheels and DOT tires are

- permitted.
2. NO aftermarket wheels allowed.
 3. Maximum rim diameter is 16 inches.
 4. All wheels and tires must be the same size and offset. Maximum front +/-5 degrees.
 5. Tires and wheel combo must fit in an 8 inch gauge, as in raced conditions.
 6. NO regrooving or recaps allowed.
 7. The tires must have at least 2/32 of tread remaining in at least 2 of the grooves.
 8. The same size and profile tire is required on all 4 corners.
 9. Oversized lug nuts will be permitted.
 10. All lug nuts must be installed. NO broken studs.
 11. Rear camber must be set at 0 degrees.

BATTERIES

Batteries are required. Vehicle must be self starting.

ENGINE

Completely stock motor only for the year, make and model of car. NO modifications of any kind!

TRANSMISSION AND REAR AXLES

Transmissions and rear axles must be stock and unmodified as manufactured and delivered. They must have all forward gears as well as reverse gear.

BRAKES

Brakes must be operational on all 4 wheels and must lock up all 4 wheels upon inspection. NO brake shut off devices will be allowed. Stock proportioning valves are allowed but front to rear only

EXHAUST

1. A complete leak free, tight exhaust system with a maximum size of 2 inch OD must be run from the engine to an area behind the driver.
2. Stock exhaust manifolds must be retained.
3. Decibel limit is 85.
4. Catalytic converters may be removed.

STEERING AND SUSPENSION

Steering and suspension must be stock only. Absolutely, NO modifications of any kind will be allowed. Ride attitude must be maintained.

COOLING SYSTEMS

Any stock radiator which will fit in stock mounting brackets will be allowed. A 180 degree fan shroud will be required.

FUEL TANKS

1. Stock OEM fuel tanks are allowed.
2. If the fuel tank is relocated, an approved fuel cell must be used.
3. The cell must be securely fastened to the trunk floor with a minimum of two 1 inch by 1/8 inch straps in each direction, bolted to the floor, using double plates or installed in a safely constructed cage.
4. Fuel cells shall not be mounted within 10 inches of the rear body panel or extend beyond the frame rails.
5. All fuel pumps, filters, etc must be stock for year, make, and model of car. (Extending the fuel lines for fuel cell mounting is permitted.)

BREAKOUT WEIGHT RULE

1. Cars that "breakout" during qualifying or under competition laps below 17 sec. *(16.999) will be required to add 50 lbs every time or be moved to the Hornet Class
2. 50 lbs increments will be added until the car is back over the 16 second mark.
3. Weight will remain for the duration of the season.
4. This applies to both the car and driver.
5. Any car or driver that wins more than three main events will be required to add 50 pounds to the overall weight of the racecar every time he/she wins another Main Event.
6. Upon winning the Season Championship you must move up to another division, (Hornet, Pure Stock, etc.)

HORNETS

This class of cars has been designed for the next step into racing. This class is designed to help advance a driver while still keeping a reasonable cost. Hornets will run for season points and trophies separate from the Bumblebees, even though they will compete on the track with the Bumblebees.

Hornets will be painted yellow with Diamond Vogel Paint No. AZ3434 Fed Yellow and Black with lettering and numbers any color.

This class will also compete on the Figure 8 track on an occasional basis.

COMPETING MODELS AND NO CLAIMER RULES

1. Any 1970 or newer, front or rear wheel drive with a 3 or 4 cylinder, non turbo charged engine.
2. No rotary engines allowed.
3. Manual and automatic transmissions will be allowed.
4. Minimum weight is 2100 pounds with the driver before the Main Event.
5. Maximum wheelbase is 103 inches.
6. All cars are subject to tech approval.
7. NO 4 wheel drive, 4 wheel steer cars will be allowed.
8. NO truck or SUV type vehicles will be permitted.

CAR, BODY, AND SPOILER

1. All of the body, frame, suspension, engine, cooling, transmission, brake, and drive line components must be stock components for that year, make and model.
2. The gas, brake, and clutch pedals must be stock.
3. Parking brake may be removed.
4. Bumpers may be welded into place.
5. Bumper ends may be capped and have attachments to the fenders, which prevent hooking of bumpers.
6. Window regulators may be removed.
7. Hood and trunk must be secured by hood pins only. NO other latching devise allowed.
8. Air conditioning compressors, smog pumps, extra wiring, heat and a/c boxes and coils may be removed. The holes left in the firewall must be covered.
9. Aftermarket gauges may be used.
10. A single plane rear spoiler with maximum height of 5 inches is allowed.

TIRES AND WHEELS

1. Only mass production OEM factory aluminum or steel wheels and DOT tires are permitted.
2. NO aftermarket wheels allowed.
3. Maximum rim diameter is 16 inches.
4. All wheels and tires must be the same size and offset. Maximum front +/-5

degrees.

5. Tires and wheel combo must fit in an 8 inch gauge, as in raced conditions.
6. NO regrooving or recaps allowed.
7. The tires must have at least 2/32 of tread remaining in at least 2 of the grooves.
8. The same size and profile tire is required on all 4 corners.
9. Oversized lug nuts will be permitted.
10. All lug nuts must be installed. NO broken studs.

BATTERIES

Batteries are required. Vehicle must be self starting.

ENGINE

Completely stock motor only for the year, make and model of car. NO modifications of any kind!

TRANSMISSION AND REAR AXLES

Transmissions and rear axles must be stock and unmodified as manufactured and delivered. They must have all forward gears as well as reverse gear.

BRAKES

Brakes must be operational on all 4 wheels and must lock up all 4 wheels upon inspection. NO brake shut off devices will be allowed. Stock proportioning valves are allowed but front to rear only

EXHAUST

1. A complete leak free, tight exhaust system with a maximum size of 2 inch OD must be run from the engine to an area behind the driver.
2. Stock exhaust manifolds must be retained.
3. Decibel limit is 85.
4. Catalytic converters may be removed.

STEERING AND SUSPENSION

Steering and suspension must be stock only. Absolutely, NO modifications of any kind will be allowed. Ride attitude must be maintained.

COOLING SYSTEMS

Any stock radiator which will fit in stock mounting brackets will be allowed. A 180 degree fan shroud will be required.

FUEL TANKS

1. Stock OEM fuel tanks are allowed. A fuel cell is highly recommended.
2. If the fuel tank is relocated, an approved fuel cell must be used.
3. The cell must be securely fastened to the trunk floor with a minimum of two 1 inch by 1/8 inch straps in each direction, bolted to the floor, using double plates or installed in a safely constructed cage.
4. Fuel cells shall not be mounted within 10 inches of the rear body panel or extend beyond the frame rails.
5. All fuel pumps, filters, etc must be stock for year, make, and model of car. (Extending the fuel lines for fuel cell mounting is permitted.)

PURE STOCK

This is a pure-stock class designed to be affordable and fun!
A \$100 FINE AND LOSS OF POINTS FOR THE NIGHT WILL BE
ASSESSED FOR ANY VIOLATIONS OF THE RULES!

COMPETING MODELS

1. Any 1968 or newer America-made passenger car or station wagon having a factory spec wheel base of 108" or larger may be used.
2. No Camaros, Mustangs, compacts, convertibles, trucks, El Caminos, Rancheros or 4-wheel drive vehicles allowed.

STRIPPING OF THE CAR

Outside -

1. all trim and molding must be removed.
2. Leave factory bumpers. Bumpers must be factory/stock matching the year/model of the car.
3. No after-market bumpers.
4. No after-market nose pieces.
5. **No gutting of the hood or trunk lid.**
6. The driver's door may be stripped to the outer skin.

Engine Compartment -

1. You may take the inner fender wells out.
2. Leave the factory radiator support.
3. The car must run original body as make of frame, have full floor boards, and full firewall in stock location.
4. No fabricating of fire walls. Patching of rust holes is mandatory.
5. You may cut the wheel wells for tire clearance only..

ROLL CAGE

1. A basic roll cage must be welded to the frame in 4 places.
2. All 4 posts must be welded.
3. There must be an "X" behind the driver in the roll cage.
4. There must be a bar down the center from the windshield to the back window in the halo of the cage.
5. There must be 4 bars in the driver side plated on the outside for protection. 1/8" plating is recommended but heavy plating may be used.
6. Passenger side must have 3 bars and no gutting of the passenger door.
7. The only cutting on the inside of the car will be the driver's door.
8. The back decking must be sheeted. No holes in the back seat area.
9. There must be 3 round or square bars in the driver's windshield for protection with a screen.
10. Factory steering columns only. No after-market steering columns.

11. No bars from the front of the roll cage to the front horns.
12. No bars from the rear of the cage to the rear frame horns.
13. No bars in the trunk area.
14. No nerfbars allowed on the outside of the car.
15. The doors must retain factory hinges.
16. **The hood and trunk lid must be pinned down - no chains allowed.**
17. Badly wrecked cars must be straightened.
18. No foul language on car.

TRUNK AREA

1. Fuel cells (max 12 gal) required and must be securely mounted with 2" by 1/8" steel trapping. Must be bolted to the floor pan in 6 places.
2. Factory fuel tank must be removed.
3. Fuel line must remain in the factory position - no fuel line inside the cockpit.
4. You may cut out the spare tire well and patch with tin or aluminum.
5. **NO RACING FUEL - pump gas only.**

SUSPENSION

1. Rear end must remain stock - factory control arms only.
2. Factory shocks, springs with the same rating on them.
3. You may weld the spider gears but no true locker rear ends. Gears may be welded.
4. Factory gears must be used to match the year/model of the car.
5. No Ford 9" rear-ends may be used in GM cars.
6. Ford cars may run the 9" rear end. If you run a Ford the 9" rear-end must be factory - no larger or smaller gears.
7. **NO RUBBER SPACERS IN THE REAR SPRINGS - IF DISCOVERED A \$50 FINE WILL BE AUTOMATICALLY ASSESSED.**
8. The rear shocks must be factory matching the year/model of the car from NAPA.
9. No racing springs or shocks - no cutting of the springs.
10. The drive shaft must be painted white with a safety loop mounted 5" from the back of the transmission.

FRONT SUSPENSION

1. No racing springs or shocks.
2. Factory shocks only from NAPA matching the make/model of the car.
3. No pick-up springs or cutting of the springs on the front.
4. Factory upper and lower A-arms.
5. No after-market bushings in the upper/lower A- arms:
6. On the right front you may only have 3° of camber.
7. The left front camber must be stock.
8. Factory ball joints only.

9. No 1 1/2" ball joints or low- friction ball joints.
10. The upper ball joints must be mounted in the stock position.
11. Steering box must be factory matching the year/model of the car.
12. No spindle-saver brackets allowed.
13. The A-arms must be factory matching the year/model of the car.
14. No Chevelle or Nova A-arms on metric cars.
15. No after-market center link. Factory outer and inner tie rods.
16. Sway bar must be factory only.
17. You may have a 1 1/2" spacer bar on the left side of the sway bar.
18. Factory brake calipers are a must - no oversized or undersized brake calipers.
19. Brake calipers must match the year/make of the car.
20. Factory master cylinder and brake boosters required.
21. All 4 brakes must work - no pinching of the brake lines or bb's in the brake lines.
22. No after-market brake valves.

COOLANT

1. Factory radiator must be in the stock location.
2. Aluminum radiator is optional.
3. Fan shroud is required.

BATTERY LOCATION

Battery box must be mounted to the floor pan.

TRANSMISSION

1. No 3-speed or 4-speed transmissions are allowed.
2. No power glide or 400 tranny.
3. 350 automatic transmission only with a factory torque converter.
4. You may use an after-market floor shifter or on the column shifter.
5. A tranny cooler must be run.
6. No after-market tranny collar set up.

MOTOR

1. Must be factory stock. 350 or 305 only in GM cars.
2. No 327's or Corvette engines.
3. No stroking of the motor.
4. No boring of the motor.
5. Flat-top pistons only. No domed pistons.
6. Fords can run only 302 or 289.
7. Heads must be stock/factory on Ford, Chevy and Chryslers.
8. Chrysler cars must go by Chevy/Ford rules.
9. Must use a stock 360-no bigger.
10. No roller lifters.

11. No racing springs.
12. No solid lifters on cams. Cam and lifters must be factory.
13. Factory cast-iron intakes only. No aluminum intakes allowed.
14. No Holley 2-barrell or 4-barrell quad-injector.
15. Run factory 2-barrell or 2-barrell Rochester only.
16. You may run a cast iron 4-barrell intake and an adapter that bolts onto a 2-barrell Rochester.
17. Factory gas pedals - or you may run an after-market gas pedal with 2 spring returns on it.
18. No after-market pulleys. Factory pulleys for 350.
19. You may run a factory power-steering pump only.
20. You may run an alternator and only a clutch fan. No after-market fans.
21. Motors must be in stock location.
22. **NO HEADERS ALLOWED.** Cast-iron exhaust manifold only.
23. Factory distributors only. No after-market electronic ignition set up.
24. No after-market modules or rotor caps. No MSD boxes.
25. Factory caps only - no after-market caps.
26. Plug wires must be in factory location. No Morris or Excel wires - Must be stock.
27. **ABSOLUTELY NO PORTING OR POLISHING OF THE HEADS.**
28. No 202 valves or 160 heads. The heads must remain stock.
No camel-hump or vortec heads.

WHEELS AND TIRES

1. Must have a 1" lug nut with big wheel studs.
2. No factory wheel studs allowed.
3. May run racing wheels with a 2" or 3" offset.
4. Must run Hoosier 8" racing slick. No factory wheels or tires allowed.
5. No wheel spacers - \$50 fine.

SUPER STOCK

The super stock division was designed to promote greater interest in stock car racing. This class enables new and inexperienced drivers and car owners to compete in their own class with a minimum cost. Track Officials will maintain complete control of the rules, unless an issue of safety arises. At this time suggestions will be welcomed and reviewed by Track Officials.

COMPETING MODELS

1. Any American made sedan, coupe, or station wagon is eligible, *except for* Camaros, Firebirds, or Mustangs.
2. No trucks, convertibles, or all wheel drive vehicles.

WHEELBASE

1. Chevy's minimum wheelbase is 108 inches.
2. Ford and Dodge may have 104 inches minimum.
3. Wheelbase must conform to the manufactures OEM listed specifications on the for that year, make, and model being used. Absolutely no modifications of any kind are permitted.
4. Must measure the same side to side +- 1/2"

BODY AND FRAME

1. Complete bumper to bumper steel unibody must be retained.
2. Absolutely all chrome must be removed from the vehicle, along with the outside mirrors and chrome stripping around the windshield.
3. A tubular front bumper is okay.
4. Compressor, condenser, and lines to the air conditioner must be removed.
5. Battery hold downs must go through the floor.
6. The hood must be complete and stock location.
7. Hood must be securely fastened, hood pins are allowed for the four corners.
8. Complete trunk lid is required and must be in original location.
9. Trunk lid must be securely fastened (hood pins allowed) and must be easily opened for inspection.
10. Engine firewall must be intact and must be stock.
11. Fender wells can be cut up so the tires will not be cut.
12. Fender well edges must be smooth and not have any sharp edges.

ROLL CAGE

Roll bar may extend to the inside of driver's door and passenger door. Front and rear loops will be allowed. Previously raced cars will be allowed to continue to use cages with the existing 1 1/2 inch tubing.

FUEL SYSTEM

1. A fuel cell is must be securely bolted to the floor pan.

2. Original fuel tank must be removed from under the car.
3. The bottom of the fuel cell cannot be lower than the rear frame rail.
4. The reinforcement plates must be welded to the cage and must extend the entire width of the fuel cell.
5. Fuel pumps must be stock for that year, make and model of car. Electric fuel pumps permitted only if stock for that year, make and model.

ENGINES

1. Engines must be stock displacement and compression ratio.
2. Engines are interchangeable within families (GM-GM, Ford-Ford, etc)
3. NO high performance equipment from any manufacturer will be allowed. (Nova with 350 Corvette engine will not be allowed, Dodge Challenger with 426 Hemi will not be allowed, these engines are high performance and deter from the intent of the class.)
4. All parts must maintain an OEM part number.
5. NO stroker motors of any kind will be allowed.
6. Boring for truing only, not to exceed over 60 thousandths.
7. Decking of block for truing only.
8. No painted internal engine surfaces.
9. Aftermarket rods and crank shafts will be permitted, but must be steel I beam. (*NO H beams allowed)
10. NO-porting polishing or debarring of cylinder heads or intake manifold allowed.
11. Valve size for heads must be stock for head being used.
12. Cam lift limit is .485 at the intake valve.
13. NO marine intake allowed.
14. No angling or planing of heads will be allowed.
15. Stock heads, Double Hump Head, 2877X heads, and E Force Heads part #175679 casting #10024561 are allowed. NO vortec heads allowed.
16. No roller valve train.
17. All 4412 carbs must be stock out of the box; no alterations except for choke butterfly can be removed.
18. Intake manifolds that are allowed Chevy 2101, Ford 2181, and Chrysler 2176.
19. Removal of fan blades, fan belt, or air cleaner is not permitted.
20. Radiator caps must be of safety approved type.
21. A one gallon over-flow or OEM over-flow can must be securely fastened in either the engine compartment or in the trunk area.
22. Starters must be in working order.
23. Aftermarket high performance coils and components will be allowed. NO MSD boxes.
24. Circle track oil pan is optional.

EXHAUST SYSTEM

1. Mufflers and exhaust system must be in place and meet noise ordinance of 100 decibels.

2. Tail pipe must reach to the upright of the roll cage behind the driver's seat.
3. A dual exhaust system will be allowed.
4. OEM cast iron exhaust manifolds with no grinding/porting/polishing allowed or Headers are allowed.
5. Mufflers are mandatory to conform to Hi-Way 92 Raceway Park noise ordinance.

TRANSMISSIONS AND REAR ENDS

1. Standard production (which is catalogued and available through regular dealer channels) may be interchanged within a family. (GM-GM, Ford-Ford, etc). No racing transmissions.
2. Automatic and standard transmissions will be permitted.
3. Must have a blanket or a 3/16 steel shield on the tunnel.
4. All forward and reverse gears must be in working order.
5. Automatic transmission must run a stock OEM torque converter.
6. Stock diameter single disc clutch. No mini or ram clutches.
7. Steel Driveshaft only. No aluminum or carbon fiber drivelines.
8. Basic rear end housing must be stock production design. Gear ratios are optional.
9. Locked rear ends or Posi-track is permitted.
10. No floater rear ends.

SUSPENSION

1. All suspension and steering components must be original equipment for year, make and model of car. No high performance or aftermarket parts (including, upper and lower control arms, bushings, spindles, ball joints, tie rod ends, center link, idler arms, pitman arms, and steering gear).
2. All suspension and steering components must be mounted in original location.
3. No cutting or welding or alterations of any type to springs will be permitted.
4. Aftermarket shock absorbers may be used if similar to original equipment for year, make and model of car. They must be located in OEM factory mounting position. No externally adjustable shocks.
5. No air spring overloads will be permitted.
6. Tie rods, drag links, and component parts must be standard within manufacturer's line and must be in stock location.
7. Upper and Lower control arms must be stock length for the year, make and model of car.
8. No cutting of Upper or Lower Control Arms.
9. Over the counter replacement parts, similar in design to the factory parts, will be permitted.
10. Tubular upper control arms that are the same in configuration and dimension to OEM for year/make/ and model will be allowed.
11. Aftermarket springs that are stock appearing springs will be allowed.
12. Spring spacers will be allowed for ride height only. Adjustable spacers are not

allowed.

13. Rear spring rules are the same as the front.
14. Front end alignment can be no more than 5 degrees positive or negative.
15. Front spindles and rear hubs must be original equipment for year, make and model of car. (No Impala or Camaro on Metric cars, etc)
16. A sway bar 1 inch spacer with stock bushings is allowed on the left side and stock spacers on the right side.

BRAKES

1. All cars must have brakes in good working condition on all 4 wheels.
2. OEM or OEM appearing master cylinder must be in OEM location.
3. No antilock brake systems.
4. No aftermarket brake shut-off or bias adjuster.
5. Steel, unaltered OEM, or unaltered OEM replacement, operative four wheel, disc (front) and drum (rear) brakes, must match frame or rear end.

WHEELS AND TIRES

1. Racing, rally or steel wheels must be used.
2. A maximum of an 8 inch wheel will be allowed.
3. Any 8 inch tire is allowed, new or used.
4. No wheel weights allowed.
5. Maximum Wheel Offset is 2"
6. 1" lug nuts required
7. Wheel spacers will be allowed up to the maximum Wheel Offset. The stud must protrude through the wheel at least 1".

RACE RECEIVERS

Race Receivers will be mandatory "2012".

MIRRORS

Mirrors WILL be allowed in this class in all the races at Hi-way 92 Raceway Park.

MINIMUM WEIGHT AND RIDE HEIGHT

Minimum weight is 3500 with the driver. Ride height is 5 inches without driver.

LIMITED LATE MODEL

COMPETING MODELS

1. Any American made sedan, coupe, or station wagon is eligible.
2. No trucks, convertibles, or 4 wheel drive.

CHASSIS

1. Chassis may be OEM or fabricated with OEM front stub.
2. Minimum wheelbase is 101 inches. Wheelbase must conform to manufacturers listed specifications on wheelbase for the year, make and model being used.
3. A factory stock production front stub must be used;
4. Front and rear loops are mandatory.
5. A bar must connect rearmost points of frame and must remain within the body of the car.
6. Rear stub with stock floor pan is optional.
7. Frame connectors are optional.
8. Under slung rear frame sections allowed
9. non-approved frame or suspension modifications are subject to a minimum weight penalty of 200 lbs.

BODIES

1. All bodies must be installed on frame in original location.
2. Fiberglass bodies will be allowed, GM-GM, Ford-Ford.
3. All cars must have complete bodies, hoods, fenders, and bumpers.
4. Stock bumpers are optional.
5. Gutting and trimming is optional.
6. Hoods cannot be altered from standard appearance except for hood scoops, which can be a maximum of 6 inches tall.
7. Bodies must be smooth with no sharp edges.
8. Rub rails are optional, but if used they must not exceed 2 inches from outside of body to outside of rub rail. Rub rail ends must be capped and angled toward body with no sharp edges exposed.
9. A rear spoiler, non-adjustable by driver, may be attached to the rear deck-lid, not to exceed 5 inches in height and 60 inches in length. Must be 1/8 inch metal or ¼ inch Lexan.

WEIGHT

1. This weight rule will be enforced with the driver after the Main Event.
2. Minimum weight is 3100 lbs.
3. Cars with an engine over 363 cubic inches must weigh a minimum of 3350 lbs.
4. Crate Motors weight is 3175 lbs. minimum.

INTERIORS

1. Extending the cage to outside skin on the driver's door is recommended (passenger side optional).
2. Removal of dash is optional
3. Cars must have driver fire protection such as a stock original full firewall, minimum .040 steel fabricated firewall, or Super Late Model style footbox and interior.
4. Super Late Model style footbox must be totally enclosed and made of minimum .040 steel. Right side interior panel can taper upward to the right side of door bar.

SUSPENSION

1. Only one shock per wheel. Shocks must be steel, non-adjustable. No external reservoir, schrader valve, or coil-overs
2. All mounting hardware must be made of steel, and can be fabricated.
3. All heim joints must be made of steel.
4. Must use 5 inch diameter springs.

Front Suspension

5. Suspension must be OEM type.
6. Front A-arms may be an adjustable aftermarket part.
7. Front Weight jacks are optional.
8. Lowering blocks are optional.
9. Front and rear sway bars may be adjustable.

Rear Suspension

10. Steel panhard bar with steel mounting brackets only.
11. Only one solid steel upper link allowed.
12. Steel trailing arms permitted. Location optional. Must be three-link suspension only.
13. Rear weight-jacks are optional, if used they must be made of steel.
14. Spring and coil mounts must be made of steel and can be fabricated. Location optional.
15. No coil eliminators (sliders) allowed.

WHEELS AND TIRES

1. Maximum of 10 inch wide and 15 inch diameter only allowed anywhere on the car.
2. Steel wheels used must be 1/4 inch thick at bolt pattern surface or approved racing type wheel.
3. 1" lug nuts required.
4. No wheel weights allowed.
5. Offset wheels are optional.

6. No aluminum wheels.
7. New or used 10 inch Hoosier slick is mandatory.

ENGINE REQUIREMENTS

ENGINE OPTION 1: Crate Engine

- A. GM part number 88958604
 - B. Ford part number M-6007-D347SR
 - C. Dodge Part number P5007958
- Engine must be sealed by manufacturer and must remain in the "as shipped" condition. The Track Officials reserve the right to confiscate, impound and/or replace any competitor's engine at any time. Competitors refusing confiscation, impoundment and/or replacement will be disqualified from the event, and all future events until engine issue has been solved. Disqualification includes forfeiture of all monies, points and contingencies earned for the event. Team may be subjected to additional fines, penalties and or points loss, based on inspection of the engine. Teams fined or penalized for engine infractions are not eligible for competition until all fines and/or penalties have been fulfilled or paid.
- A. No aftermarket engine dampers are permitted.
 - B. Oil coolers are recommended.
 - C. Use of or installation of an open or closed loop vacuum system, to evacuate air from the engine is a speed enhancing alteration and will subject the team(s) to all penalties as described in Engine Option 1 Sealed Component Violation.
 - D. Melonized (hardened) distributor gear must be used on distributor to prevent engine damage.
 - E. Requires an externally balanced flywheel

Carburetor of Engine Option 1 ONLY

1. Holley 650 CFM 4150 HP Carburetor, part number 80541-1 "box-stock", is mandated, no exceptions.
2. Carburetor must be securely fastened to the intake manifold with one (1) .625-inch (1/16") or smaller flange gasket.
3. Spacers or drop-in spacers, alteration, physical changes, machining, re-shaping or tampering with any part of the original parts, internal or external, is prohibited.
4. Only Holley replacement parts are permitted for use and must match original parts.
 - A. Jet
 - B. Bleeds
 - C. Needle and seat
 - D. Emulsion bleeds power valves
 - E. Accelerator pump nozzles
 - F. Accelerator pump cam

ENGINE OPTION 2 Open Engine

1. Only standard production engines permitted
2. Engines may be interchanged within families, year is optional.
3. No stroking or destroking permitted.
4. No painted internal engine surfaces.
5. No modifications to engine compartment, including frame, suspensions, firewall, etc to allow any alterations of original placement.
6. Rods must be OEM and stock length for engine being used.
7. Both H beam and I beams allowed.
8. No lightened rods and no floater rods.
9. No roller cams or components.
10. Cam drive must be original equipment type only.
11. Roller rockers are optional.
12. Pistons must be flat top or dish type only. No dome pistons allowed.
13. Heads must be OEM.
14. No angle plug heads.
15. No aluminum heads.
16. No porting or polishing of heads, no milling of heads, only truing.
17. Screw in studs and guide plates are optional.
18. Heads must have an OEM cast number.
19. Valve size must be stock for heads being used on all engines. 1.94-1.5 or 2.02-1.6 valves permitted.
20. Vortec heads must use 1.94-1.5 valve
21. No bowtie heads allowed.
22. The following aftermarket aluminum intake manifolds are permitted:
Edelbrock Series, Chevy #2101,
Chevy with vortec #2116,
Chrysler #2176,
Ford #2181,2665 or 2750.
23. 2 barrel or 4 barrel cast iron manifolds are permitted.
24. Absolutely NO modifications or alterations allowed to the intake. This includes grinding, porting, polishing, etching, coating, painting, acid dipping, port matching, increasing entry port size, beveling and machining of the carburetor mounting surface.
25. E Force Heads are allowed Part #175679 casting #10024561.

Carburetor

1. Only one carburetor permitted. Holly 2 barrel (4412/500 cfm).
2. No modifications, except for choke horns.
3. Air cleaner element is mandatory.
4. Aftermarket stock housing for air filters will be permitted.
5. No air altering devices. No ram air or air boxes allowed.
6. Maximum one 1 inch spacer plate allowed between carburetor and intake manifold.

TRANSMISSION AND REAR ENDS

1. Must be standard production but may be interchanged.
2. Any automatic transmission must run a stock torque converter.
3. 9 inch rear end is optional.
4. No 3/4 ton truck or quick change rear ends allowed.
5. Full floater rear ends allowed.

CLUTCH AND FLYWHEEL

1. Must be a single disk stock passenger vehicle (OEM) clutch.
2. No mini or ram clutches.
3. No multiple disc clutches.
4. Flywheel must be stock only.
5. No turning or drilling of flywheel.
6. No aluminum flywheels.
7. Scatter shield or blanket covering bell housing mandatory.

EXHAUST AND MUFFLERS

1. Headers are optional. 180 degree racing headers are optional.
2. Tail pipe must extend past driver's seat.

IGNITION

Must be stock OEM type no external spark boxes or external coils allowed.

MIRRORS AND RADIOS

1. Radios are recommended.
2. Mirrors are allowed in all the races at Hi-way 92 Raceway Park.

NOTES