



2019 FACTORY FOUR DIVISION

Last Revised: 2019-03-13

Please read the Laird International Raceway General Rules in addition to these Division Rules.

All rules are subject to the discretion of the tech official(s) and track management.

IF IT DOESN'T SAY YOU CAN, YOU CAN'T!

GENERAL (A)

1. This division is intended to be the entry level to stock car racing. SAFETY is the top priority; rules will be enforced to ensure Driver Safety
2. This is a production division; you may not change or modify the car or parts in anyway unless dealt with in these rules.
3. This division will be officiated using the General Rules of Racing; it is not intended to be a demolition derby, bump and run or an enduro.
4. In effort to promote an even, fun and entertaining division the track officials may impose sanctions, modify or handicap any car at any time
5. First Time Drivers is the intent of this division therefore no driver in this division can compete in any another division at LIR or any other racing facility.
6. Drivers may not come to this division from another division; the intent of this division is to be a starting point for racers. **** Previous SIM (or Laird International Raceway) Stock Four Champions will be allowed to return to compete in this division as long as they HAVE NOT competed in a division higher than the Xtreme Four Division.**
7. Any first time racers, or drivers that are not considered "up-to-speed", or are a hazard, as determined by track officials will be required to start the back of all racing events. This is track officials discretion and will be monitored on a case-by-case basis. Once deemed qualified the driver will be permitted to start in their qualified position.

8. Track officials reserve the right to inspect any car, at any time to determine compliance with the rules

9. No mirrors allowed or anything that may resemble a reflective device or material.

BODY / CAR ELIGIBILITY (B)

1. 1966 or newer, American or import, front or rear wheel drive passenger car, station wagon or compact truck

2. No 2 seaters or convertibles allowed.

3. Four-wheel drive trucks allowed with one drive shaft removed.

4. The body must remain factory stock; spoiler and non-functional scoops allowed. Four inch rear spoiler, maximum width not to exceed rear deck width. NO rub rails.

5. Body must be complete and painted neatly with contrasting 20" numbers that are 3" thick and appear on both door and the right side of the roof to be visible from the tower

6. Driver's name must appear over both doors

7. Any destroyed panel must be replaced with stock replacement or patch panels

8. Interior must be stripped of all flammable materials.

9. Wrecker attachment point mandatory front and rear, minimum 5/16 chain. This must be affixed to the car in a manner that it will not break when towed by track vehicles. In the event a wrecker attachment point is not present track officials will remove the vehicle from the track in any manner they choose, to withhold the integrity of the race program.

10. Doors must be welded, chained or bolted

11. Driver door interior may be cut to allow safety bars

12. All glass except windshield must be removed; windshield must be in good condition

13. Lexan allowed when a full cage is used.

14. Approved window net on driver door, fastened securely before entering the racetrack

15. Exterior trim must be removed; no side bars

16. Hood and trunk must be completely stock and secured with hood pins and any latches removed.
17. All holes in the firewall and floor pan must be covered
18. Rear Firewall must separate the trunk from the Driver compartment
19. Stock appearing bumper required and may be welded in place. Bumpers considered excessive in nature will be asked to be removed by track officials. This does not permit "cow catchers" or large channels or tubing that may be considered unsafe to other competitors.
20. Bumpers must be capped on the ends to prevent bumpers hooking together and no wider than the track of the car
21. Battery must be located outside the engine compartment and securely mounted in a 1/8" steel box, disconnect mandatory with easy access
22. CB Radios, PA Systems, Stereos, Musical Horns or whatever you can think of with approval is encouraged to help the FUN FACTOR
23. Paint Schemes that replicate NASCAR cars, Police or Cabs... are also encouraged FUN IS FIRST

CHASSIS (C)

1. Ride Height cannot be altered.
2. Steering must remain stock
3. Shocks must remain stock
4. Suspension Parts must remain in the stock location
5. Brakes must remain stock and be in proper working order

ENGINE (D)

1. Three and four cylinders ONLY. NO D.O.H.C
2. Stock factory single camshaft engines only.
3. Stock factory location with stock mounts.
4. Cast iron exhaust manifolds only. **ABSOLUTELY NO HEADERS ALLOWED.**

5. Maximum noise level not to exceed 100db at 100 feet.
- 6 Exhaust to exit out passenger side behind drivers compartment
7. No turbochargers, rotaries or alcohol.
8. NO ANTIFREEZE. WATER ONLY. Any driver found with antifreeze in their car will be disqualified for the entire race night and may receive suspension and/or fine for the clean-up.
9. Radiator must be in stock location and must not alter the mounting surface complete with 180 degree fan shroud.
10. Catch Can is mandatory mounted on the right side of the firewall in the engine compartment; gallon minimum
11. Fuel Pumps, when electric, must have a Shut Off Switch mounted on the A pillar and clearly marked ON/OFF in a bright contrasting colour.
12. Fuel lines must be steel (return and feed) and must not enter or run through the driver's compartment.
13. **VACUUM RULE** - All Factory Fours must pull 18" of vacuum at 1000 rpms. (hot or cold).

SAFETY (E)

1. Fire retardant racing suits are mandatory. Fire retardant gloves and shoes are strongly advised.
2. SNELL 2005 helmet is mandatory and must be in good condition.
3. Fire Extinguisher is mandatory; 3 lbs min., ABC type, mounted securely with a quick release bracket within easy reach of the driver and track officials. This means that the extinguisher must be accessible by the driver when in racing trim, secured in car.
4. Roll Cage must be steel and a minimum 4-point although 6-point is recommended. Roll Cage must be constructed of minimum 1.5" outside diameter and minimum .095 sidewall steel tubing. NO exhaust or water pipe.
5. Welding must be complete and proper with high penetration welds.
6. Roll Cage must be welded to the frame, cars without frames must have the roll Cage welded to 6"X6"X1/8" plate that is welded or bolted to the floor-pan using a double plate under the floor or welded to an angle welded to the sub frame.

7. Driver Door must have a minimum of 3 side crash bars welded to the Roll Cage.
8. Door Plates must be a minimum of 18"X 24"X1/8" steel plate welded to the roll cage
9. Foot Plates must be a minimum of 10"X30"X1/8" steel plate welded to the floor
10. Drive Shafts must have front and rear hoops and be painted white
11. Seat must be an approved aluminum race seat securely fastened to the roll cage.
12. Seat Belt must be a Race Approved 5 point harness with a quick release lap belt; coded and dated, 5 year maximum
13. Seat Belt must be securely mounted to the frame or the roll cage
14. Fuel Cell is recommended but not mandatory
15. Fuel Cells or Marine Tanks must be mounted securely to the trunk floor with a minimum of two 1' X 1/16" straps in each direction, bolted through the floor using double plates or between the frame rails strapped in such a way to provide for safe race conditions
16. Bottom Draw Tanks are not allowed
17. Stock tanks are allowed that are ahead of the rear axle

TIRES & RIMS (F)

1. Track Spec Tire (195 60R 14/15) mandatory.
No change in tires. Three options available.
2. Steel Rims only.
3. All Rims & Tires must be the same size
5. Offset racing rims are permitted (steel only)
6. Tires and wheels must remain within body. No rims or tires allowed to protrude outside body width.

WEIGHT (G)

1. All cars must weigh 2500 lbs post-race with driver in car and in race trim.
2. No weight percentage rule
3. Weight will be added to all multi feature winners, in the location and amount as directed by tech. Added weight will be calculated based on existing weight of car and enforced accordingly moving forward (e.g. If a car weights 2575 and is instructed to add 50 lbs, the car MUST weight 2625 moving forward)
4. Any added weight is to be painted white and numbered (same as car) and securely fastened with 2 ½" bolts.