

LORAIN COUNTY SPEEDWAY



2018 PURE STOCK COMPETITION RULES

Revised 2.9.18

THE RULES AND/OR SPECIFICATIONS 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 SPEEDWAY EVENTS, AND BY PARTICIPATING IN THESE EVENTS, ALL SPEEDWAY ENTRANTS 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 SPECIFICATIONS. THEY ARE INTENDED AS A GUIDE FOR THE SPORT AND ARE IN NO WAY A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS, OR OTHERS.

NOTICE: Creative interpretation and/or anything that may not be covered by the following rules or racing procedures are the sole responsibility of the Driver. If a question should arise a Driver should inquire with a LCS Competition Inspector and/or Race Director before proceeding. Any decision on questionable items about rules and racing procedures is up to LCS Competition Inspector and/or Race Director and their decision is FINAL! Remember: It is the responsibility of the Driver to keep his/her car legal and follow all rules and racing procedures at all times. Infractions of technical rules of any kind may result in an additional weight penalty, forfeit qualifying, or not being able to compete until infraction is corrected. Penalty will be determined by a LCS Competition Inspector and/or Race Director.

1.0 ELIGIBILITY:

- 1.1 This division is limited to 1955 – 1990 American manufactured, full framed, rear wheel drive passenger cars with a minimum 108" wheel base. No Camaro's, Firebird's, Nova's etc.

2.0 BODIES:

- 2.1 All cars must have full stock unaltered bodies with the exception of 4 mandatory hood pins, optional aftermarket nose/tail pieces, lexan windshield with support bar or 3 bars with full faced helmet.
- 2.2 Rub rails must be 1" x 2" max. with no sharp edges.
- 2.3 Aftermarket steel replacement body panels are allowed. Custom bent or fabricated body panels are NOT allowed. No "flat-siding" of body.

3.0 FRAME:

- 3.1 Frames must be stock, as from the factory, for year/make/model of car being used from front bumper to 4" behind rear tires with optional tubing replacing remainder of frame to rear bumper. Main frame rails may not be X'd or Boxed.
- 3.2 Frame cannot be altered for fuel pump clearance. No modifications whatsoever.
- 3.3 7" minimum frame height for cars with 108" to 110" wheel base, to be measured from the ground to the bottom of the entire main frame rail. No Tolerance.
- 3.4 6" minimum frame height for cars with wheel base longer than 110".
- 3.5 Lower and upper A-frame must be stock. No aftermarket.
- 3.6 Racing coil springs may be used.

- 3.7 Rubbers and shims may be used in springs.
- 3.8 No coil binding.
- 3.9 No racing shocks. Monroe shocks Part # 5840, 5802, 94001, 94003 are the only shocks permitted.
- 3.10 Stock sway bars 1¼" max. with stock links.

4.0 INTERIOR:

- 4.1 All upholstery fabric must be removed.
- 4.2 All rust must be repaired with 20-gauge steel.
- 4.3 Aftermarket "toe-type" return gas pedal is highly recommended.
- 4.4 Aftermarket brake pedals and master cylinders are highly recommended.

5.0 WINDSHIELD/MIRRORS/RADIO/SCANNER:

- 5.1 Must have factory stock windshield made of clear glass or Lexan in good condition at all times.
- 5.2 All windows to be removed, except windshield.
- 5.3 Rearview and side mirrors are to be removed.
- 5.4 The use of two-way communication is prohibited at all times. Any communications between pit crew and driver will result in complete disqualification.
- 5.5 A one-way receiving radio scanner locked to Frequency (TBD) is mandatory and must be operational at all times.

6.0 SEAT:

- 6.1 Single front racing seat mandatory and must be securely fastened to floor or roll bar members. Seat back must be solidly fastened to roll bar member.

7.0 ROLL BARS:

- 7.1 Four-point perimeter type roll bars required in all cars.
- 7.2 Minimum outside diameter O.D. is 1.75" and must have a wall thickness of .095".
- 7.3 The top of cage should form a box and follow the contour of the windshield in front and rear.
- 7.4 Minimum three (3) door bars are required on driver's door and minimum two (2) on passenger side.
- 7.5 Must have 1/8" steel plate in driver's side door bars.
- 7.6 Bars around driver must be padded.
- 7.7 Front/Rear hoops are permitted, but suspension parts cannot be attached to hoops.
- 7.8 Gas tank protection bars are mandatory.
- 7.9 Gussets should be used where possible. **ROLL CAGE INSTALLATION WILL BE RIGIDLY INSPECTED!**

8.0 ENGINES:

- 8.1 \$1,500 engine claimer rule.
- 8.2 Engine size as follows: GM350 / Ford351 .060 overbore for clean-up, Mopar 360 max.
- 8.3 Engine must pull 17-22 lbs. of vacuum at 1,000 RPM.
- 8.4 All engines must be of unaltered, stock production parts. Intake shall be limited to an unaltered stock production manifold. Aftermarket and/or aluminum intake manifolds are NOT allowed.
- 8.5 Carburetor will be limited to one (1) 500 cfm Holly (#4412) unmodified 2 barrel. Air horn must be intact with stock size venture diameter and throttle bore. Carburetor must pass gauge test for top and bottom of carburetor.
- 8.6 Carburetor must have two (2) throttle return springs hooked to two (2) different points.
- 8.7 Stock appearing oil pan only.

9.0 EXHAUST:

- 9.1 Stock unaltered 2" exhaust manifolds and pipes which must extend past the driver. No ram horns.

10.0 AIR CLEANER:

- 10.1 Standard round air cleaner.

11.0 FUEL CELL/ FUEL:

- 11.1 Pump shall be standard type unit installed on engine only.
- 11.2 No electric fuel pumps or glass/plastic fuel filters.
- 11.3 Fuel line must run under car and must be fastened to underbody or frame of car at no more than (24") intervals.
- 11.4 It is recommended that rubber or plastic garden hose be used over metal fuel lines and be fastened down with pipe straps.

- 11.5 Fuel cell to be a Maximum twenty-two (22) gallon. Must be mounted in trunk area, between frame rails, with bottom of fuel cell no lower than the bottom or rear-end center section.
- 11.6 Must use at least two (2) two 1" wide straps to mount fuel cell.
- 11.7 Rear protection bars mandatory.
- 11.8 Only pumped gasoline. **Racing fuel is allowed.** NO NITRO, ALCOHOL OR NITROUS.

12.0 BATTERY/STARTER/IGNITION:

- 12.1 Battery may remain under the hood or may be moved into driver's compartment but must be mounted in a PLASTIC MARINE TYPE BOX in case of rollover.
- 12.2 Battery must be securely mounted down. NO RUBBER OR WIRE -TIE DOWNS!
- 12.3 Starter must be operable at all times and able to start and move car at all times.
- 12.4 GM HEI ignition coil and distributor only. No Magnetos, MSD, or Super coils.

13.0 RADIATOR/CATCH CAN:

- 13.1 **Any radiator allowed which will fit under stock hood without cutting, dimpling or altering stock fit hood. Core support may be removed if front hoop is installed.**
- 13.2 **All cars must be equipped with a radiator overflow catch can with one (1) gallon capacity (minimum).**
- 13.3 The use of antifreeze is prohibited and can result in a one hundred-dollar (\$100) fine.

14.0 TRANSMISSION:

- 14.1 Automatic transmission turbo 350 or 200 only.
- 14.2 No powerglides or 400.
- 14.3 Stock O.E.M. torque converter with O.E.M stall speed.

15.0 REAR END/DRIVESHAFT:

- 15.1 Must be stock for year/make/model car being used.
- 15.2 Rear end upper and lower control arms must be stock steel, with stock rubber bushings. No aftermarket bushings.
- 15.3 Metric cars must have 7.5 rear end.
- 15.4 No gear bigger than 373.
- 15.5 No Ford 9" rear ends.
- 15.6 Rear ends may be locked, welded or mini spool only.
- 15.7 No rear disc brakes.
- 15.8 No load bolts or adjustable buckets, shims or rubbers only.
- 15.9 Mono balls are not permitted front or rear.
- 15.10 Driveshaft must be steel and have at least two (2) 360° safety driveshaft loop.

16.0 HUBS/SPINDLES:

- 16.1 Must be factory production for year/make/model being used.
- 16.2 No drop spindles.
- 16.3 A two-piece Cloeman hub is permitted.
- 16.4 Big wheel studs are permitted.

17.0 STEERING:

- 17.1 **Must use stock steering box in stock location and have a minimum of two (2) universal joints that are offset as much as possible for safety. Aftermarket pumps allowed.**
- 17.2 NO RACK AND PINION or CENTER STEERING!
- 17.3 No steering quickeners.
- 17.4 Collapsible steering column highly recommended.

18.0 BRAKES:

- 18.1 Shall be factory stock hydraulic type, operating all four wheels at all times.
- 18.2 Absolutely NO racing type brakes. Brake inspection and/or test may be required at any times.
- 18.3 ALL NON-MECHANICAL TRACTION CONTROL DEVICES INTENDED FOR LIMITED WHEEL SLIP IS PROHIBITED. NO WIRING OF ANY TYPE PERMITTED TO FRONT/REAR WHEELS OR SUSPENSION.
- 18.4 **OEM steel drum rear brakes required. Rear disc brakes are NOT permitted.**
- 18.5 Optional two-piece stock appearing aftermarket brake rotors are permitted on the front only.
- 18.6 O.E.M. calipers only (NO RACING OR AFTERMARKET BRAKE CALIPERS).

18.7 Brake bias adjuster is NOT allowed.

19.0 TIRES/WHEELS:

19.1 Chemically soaking of tire will NOT BE PERMITTED AND/OR TOLERATED. If tires are found to be chemically soaked, they will be confiscated, and driver will be disqualified and/or fined.

19.2 Tires are to be mounted on a steel racing wheel with a maximum width of 8" measured from bead to bead, with a 15" diameter. Any wheel offset allowed but must still comply with Rule 19.3.

19.3 Wheel width of 77" will be measured from outside tire to outside tire front and rear.

19.4 No wheel spacers.

19.5 American Racer AR-970 series racing tire (used tires) will be the only approved tire.

20.0 WEIGHT:

20.1 3,400 lbs. minimum weight for 108" wheel-based cars with a maximum of 54% left side weight and minimum of 53% front weight - with driver.

20.2 3,400 lbs. minimum weight for cars over 108" wheelbase with a maximum of 55% left side weight and minimum of 49% front weight - with driver.

20.3 All attached weight must be securely fastened to car and painted white with car number for identification.

21.0 TRANSPONDER:

21.1 LCS utilizes the MyLaps system of Timing and Scoring. All teams are required to have a MyLaps transponder on their car operational at all times.

21.2 Transponder is to be mounted behind the left rear tire.

21.3 All teams are encouraged to buy their own transponder for themselves.

21.4 LCS will offer MyLaps transponders at cost; or can be rented for twenty (\$20) with a valid driver license per event on the second level of the pit tower.

22.0 SAFETY EQUIPMENT:

22.1 All drivers must be protected at all times with a clean SFI or equivalent full fire driving suit, fire retardant gloves, shoes, quick-release lap belt, shoulder harness and headrest.

22.2 Hans, Hutchens or equivalent head and neck restraint is highly recommended.

22.3 A Snell-Rated helmet SA2010 or newer is required. Sticker must be visible and verifiable.

22.4 Harness and seat belts and are required to be five-point system with lower crotch belt (six-point systems are recommended). Mounting attachment bar for shoulder harness must be at shoulder height of the driver and harness should not bend or change direction. Belt systems must be minimum of 3" SFI approved units, dated within three years to date.

22.5 All cars must have a driver's side web style window net with a latch mechanism on the top front corner and must fall down alongside driver's door when released.

22.6 All cars must have tow hooks on front and rear bumper.

22.7 All cars must have a 2 ½ pound minimum B and C dry chemical fire extinguisher with gauge mounted within easy reach of driver and in working order at all times.

22.8 An engine ignition kill switch must be mounted within the driver's reach and must be marked 'OFF' / 'ON'.

NOTICE/WARNING: All part numbers must be visible and unaltered. If part number is not legible or has been altered in any way, it will be determined to be illegal and not permitted for use. If any items are found to be illegal, LCS and/or its Track Officials reserves the right to confiscate any illegal parts. Lorain County Speedway, and its officials, reserves the right to add weight to any individual driver in the fairness of competition.

REMEMBER: Lorain County Speedway and its officials reserves the right to change specifications/procedures/competition rules and add/or subtract cars to the field at any time. Those who sign-in and/or start in an event agree to be governed by these rules and by all decisions of the Speedway and its officials.

PURE STOCK DIVISION PURSE

Purse could be adjusted due to decline or increase in car count.

Feature Event: 1) \$100, 2) \$75, 3) \$50

AMERICAN RACER RACING TIRES WILL BE AVAILABLE AT THE TRACK.

Any technical questions contact the Tech. Inspector (Ray Dorko) lcstechdept@yahoo.com
Any procedural questions contact the Event Director (Nick Giurukis) lcspeedway@live.com

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