

State Park Speedway Speedway

Stock-4 Cylinder 2016 Rules

Eligible Models

1. Chassis and body are open to all stock production cars and trucks using a 4 cylinder engine (limited, sports and exotic cars are not allowed). Wheel base must be a minimum of 92 inches. Must be official approved. No CRX or sport cars
2. No super or turbo charged engines.

Interior

1. Steering and pedals must remain stock and in stock location.
2. A racing seat must be used. Should be a high quality made for racing seat and must be official approved.
3. Interior floor pan must be complete. No holes.
4. All airbags must be deactivated.
5. Dash may be removed.

Body

1. Sun roof openings must be closed.
2. Remove all glass except windshield. Broken glass must be cleaned from inside car before arriving at speedway. Cars must be neat and clean inside and out. A full windshield is required. Stock windshields maybe used Lexan is recommended. Lexan must be bolted in and 2 windshield steel braces must be used. No tail lights or other lites other than 3rd brake light if used.
3. Driver's door must be welded shut. Driver's door plate HIGHLY recommended.
4. Passenger door must be welded closed.
5. Bumpers must be chained to frame.
6. Hood and trunk must be secured with hood pins only. All factory hood and trunk latches must be removed.
7. No excessive gutting of doors and steel body panels.
8. Working third brake light optional.
9. All cars will remain stock appearance as OEM.
10. Floor pan, body, and chassis must maintain OEM appearance.
11. Full stock floorboards (Except for exhaust box) and firewalls mandatory. All holes must be covered in a safe manner. Rusty floors may be patched with steel of same gauge as original floor. SUBJECT TO INSPECTORS APPROVAL.
12. No chopping of roof or narrowing of body. Car must retain original bodylines and dimensions. Roof must remain as original material used at time of manufacture.
13. All bumpers shall be fastened to fenders and quarter panels in such a manner that will prevent hooking of other cars.

Engine Compartment

- 1. Stock engine for that make and model from carburetor/throttle body to the exhaust manifold. A vin plate for the car should be attached to dash area. (ask inspector if you have any questions)**
- 2. Stock transmission. (All gears should be operational).**
- 3. All insulation under hood must be removed.**
- 4. Battery must be in stock location or behind driver's seat. Secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware with large head washers. If battery is in car must be in a sealed box with lid. A dry cell battery is recommended for batteries in side of car.**
- 5. Exhaust complete and leak free. Maximum size of 2" o.d. must run from engine to an area behind the driver.**
- 6. 4Cylinder engine, no larger than factory equipped cc. No rotary engines, no titanium parts.**
- 7. Engine to remain in stock location – no farther left than center of car, no tilting.**
- 8. Engine mounts must be in stock location, no solid motor mounts.**
- 9. No motor plates allowed.**
- 10. No after market pulley's.**
- 11. Stock cast iron or steel all parts must be OEM.**

Suspension

- 1. Steering and suspension must remain stock. No modifications. Ride attitude must be maintained.**
- 2. 2" camber allowed. Measured with a carpenter square.**
- 3. No ballast may be added.**

Cooling System

- 1. Any radiator allowed which will fit in stock mounts. An overflow container must be mounted in engine compartment OEM style or metal equivalent. Water only in radiator. No anti-freeze.**
- 2. Electric fans allowed.**
- 3. Shroud above fan mandatory, if running a mechanical fan.**

Electrical System

- 1. A 12 volt system is allowed. Must have battery securely mounted in stock location or inside of car.**
- 2. All cars an ignition switch that is both accessible to driver and safety crew. Should be painted safety orange and lettered ignition switch. All cars must be able to start on their own power to maintain their starting position.**
- 3. No high performance or aftermarket ignition systems permitted.**
- 4. Battery cables must have grommets on box to prevent chaffing.**
- 5. Radio communications other than with tower with a race-ceaver.**
- 6. ECM or computer must be same for vehical used. No upgrades of any kind.**

Gas Tank/Fuel Cell

- 1. If gas tank is ahead of rear axle it may remain in place. If gas tank is behind rear axle it must be replaced with a fuel cell or marine tank (max. 6.6 gal.). Must be secured by minimum 1/8" x 1"**

steel strap with minimum 3/8" hardware. Must be covered in hatchback in a metal case. Fuel Cells are HIGHLY recommended.

Tires

1. DOT tire with a maximum cross section or 195mm and aspect ratio of 60, 65, 70, 75, only. No racing slicks, or race tires. A racing tire maybe tested in the year 2015.
2. Maximum rim diameter 15"
3. Same size and profile on all 4 corners.
4. Maximum tread footprint of 6.5".
5. A racing wheel may be used with official approval. A racing wheel is recommended for use on the right front. Stock steel wheels maybe used. You should be able to measure the exact same backspace on the right front and left front rims. Wheels may not stick out from body of car.
6. No cutting and remounting of stock rims. Center hub to remain in stock location.
7. TIRE TREATMENTS OF ANY KIND ARE NOT ALLOWED.
8. One valve stem per wheel maximum.
9. The use of any bleeder valve prohibited.
10. Stock brake components only (make, model, and year).
11. Mandatory – all four brakes must function at all times.
12. No proportioning valve allowed.

Safety

1. Helmet must meet minimum. Snell approved – Snell SA 2010 minimum.
2. Gloves and drivers suit required.
3. You must run a roll bar. Suggested - A single hoop roll bar with 2 angle bars constructed of 1 3/4" x 0.095 dia. tube must be welded or bolted with minimum 4" x 4" x 1/8" sandwich plates to the car. Hoop must be full width of car. This is a minimum cage requirement.
4. Fire extinguisher required. 2 lb. BC rated mounted in quick release bracket within reach of driver.
5. Window net required – see Late Model rules for mounting
6. Seat belts 3 years and newer required
7. Head and neck restraints HIGHLY recommended. Weight break may soon be added for use.

Numbers

1. Minimum 18" high numbers in contrasting color on both doors and roof.
2. 6" number on upper right corner of windshield and on back of trunk - right side above tail light.
3. Cars with non-legible numbers will not be scored.
4. All cars will have engine size in cc's and weight painted/lettered on left a post area.

General

1. All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car FREE of defects and in safe racing condition.

Minimum Weights

1. Checked post race with driver in car.
2. All cars must weigh a minimum of 2275 lbs. ENGINE DISPLACEMENT (cc) CAR WEIGHTS (lbs.)
0-2200 2275

2201-2300 2350
2301-UP 2500

Eligibility

1. Experienced drivers are acceptable. It is the goal of this class to have fun and race in an inexpensive way.
2. Management claim in effect at all times for all cars. \$500 for car less seat harness and net.
3. **This is a starting class and cost containment is an important part of this division. Any part or parts maybe deemed as non-conforming at any time.** Safety is the most important part of this division. If you want to spend some big dollars buy a good seat. It will be with you for many years.
4. Management and officials may change anything to improve or make for a better event at any time.

Misc.

1. Each feature winner will add 25 points on right side of car floor per win. This will not be removed for the calender year we are racing and will be added to with every feature win. Owner must supply needed weight. Must be in for the next event at speedway. A log book will be kept with feature wins. Weight total maybe checked at any time.
2. Cars must look visual stock and square. May not drag on track or have excessive rear steer. Will be look at squaring device or pad. Will also be working on a tread width rule.
3. All cars will have a RaceCeiver in car.
4. Owner must remove any part of car for inspection at any time.

TECH NOTE:

According to the Snell Foundation the new Snell helmets with 2015 certification will not be available until OCTOBER 2015. This will move back the helmet certification requirements until 2016 for 2015 and newer helmets. PLEASE TAKE NOTE!

Mike (Lumpy) Lemke

WWW.STOCKCARTECH.COM

***ASA Racing National Tech Director
ASA Transcontinental Tech Director
Arca Midwest Tour Tech Director
Marshfield Motor Speedway Tech Director
State Park Speedway Tech Director
Member of S.ealed E.ngine A.lliance L.eaders Group
2014 Late Model Rules Chairman Oktoberfest Weekend***