



2024 OPEN PRO STOCK RULES

These rules will be enforced to ensure that all who participate have an opportunity to be competitive. Anything not covered by these rules must be approved by Track Officials. Upon inspection, Track Officials may penalize, fine, suspend, withhold money, and/or points, confiscate parts, or disqualify any competitor for rule infractions. If a competitor is disqualified for using illegal parts, the competitor may lose all points accumulated prior to and including date of disqualification under the discretion of Track Officials. The use of carbon fiber or titanium parts are not allowed. Any questions regarding rules should be addressed with the Track Officials, prior to assuming legality. It is the competitors' responsibility to read and understand all rules. It is the competitors' responsibility to declare what engine option they are competing under. The Open Pro Stocks is the NASCAR Feature Division I at Lee USA Speedway and requires ALL competitors to hold a NASCAR feature division license to compete.

1. Body & Chassis

- A. The frame width must be a minimum of 49 1/2" inside. The frame rail may go either over or under the rear- end housing. The top and bottom of the roll cage must remain centered on the drive line, plus or minus 1". The front and rear roll cage hoop must have a minimum height of 38" measured from the top of the frame to the top of the roll cage.
- B. Tubular steel frames are required. These frames must be full perimeter other than straight-rail chassis. All tubing must be 2" wide by 3" high, or 2 1/2" x 2 1/2" and at least .120 wall thickness. The front and rear clips may be .083". Round tubing frames are NOT allowed. Chrome moly is not allowed.
- C. Tubular front sub-frames made of square steel tubing with a 10" perimeter and a minimum .083" wall thickness are allowed. The front sub-frame must be of "stock" configuration and centered within the frame rails plus or minus 1".
- D. **ABC bodies: Approved** and must fit the ABC templates within the tolerances as indicated on the template with a colored line. The tolerances will be a 1/2 inch.
- E. **AR Revolution bodies: Approved and must fit the AR Revolution Body template, Templates will be used to measure from front windshield to rear spoiler, and from right quarter panel to left corner panel, with 1/2" tolerance. AR Revolution bodies will have a 50lb weight penalty.**
- F. The interior area of the car must be completely enclosed in respect to the engine compartment, track surface, tires, and rear (fuel cell) compartment. The area immediately beneath the driver, floorboards, foot box, and the vertical panels surrounding the seat area (front and rear firewalls and transmission tunnel) MUST be constructed of minimum 22-gauge steel (.031) and be of welded construction. Other interior panels may be constructed of aluminum with a minimum of .040 thickness. Panel on "passenger" side of car may extend from the top of the transmission tunnel to a height of not less than 6" below the passenger window.

- G. Spoilers must be ABC approved, 6 1/2" in height as measured from the bottom front edge of the spoiler to the top and must not exceed 60" wide. Supports or are not allowed. Spoilers must follow the contour of the rear of the trunk lid or body shell. The maximum spoiler height is 41 1/2" when measured from the ground to the top of the spoiler or 50 – 60 degrees.
- H. The rear deck lid must be hinged, pinned for viewing and safety access. No solid riveting.
- I. Roof and rear window air deflectors are not allowed.

2. Brakes

- A. Adequate brakes are required and must be capable of dragging all four wheels.
- B. Tire air blowers or ducts to tires are not allowed. Brake blowers are allowed and may only pull air from the nose.
- C. Only adjusting device allowed within the drivers' compartment will be for brake proportioning.

3. Carburetor

- A. Carburetors must meet specifications for either one stock Holley 4776 or one Holley HP80540-1 or 2 600 C.F.M. 4- barrel, or one Holley #80541 HP 650cfm 4-barrel, or one Holley 4412 or one Holley HP80583-1 500 C.F.M. 2- barrel. Must remain unaltered and meet all tech gauges. Only modifications allowed are jet change, and power valve change.

4. Drivetrain

- A. Automatic transmissions, direct type or quick-change transmissions are not allowed. Jerico 2-speed transmissions are allowed. 5-speed transmissions are not allowed. Transmissions must have a minimum of one reverse gear and two forward gears. Transmissions must weigh a minimum of 50 lbs. No added weight. Multi-disc clutches are allowed. Clutches must be a minimum of 5-1/2" in diameter.
- B. Any aluminum, magnesium or steel bell housing required.

5. Engine Electrical & Ignition

- A. Batteries must be securely fastened and safely covered.
- B. Stock battery powered ignition system, either breaker or electronic with any type of coil allowed. H.P. transistorized ignitions or trigger activated systems are not allowed. Aftermarket distributors are allowed. MSD ignition systems are allowed, using only the 6-series model box; Fast/Crane Cams ignition part# 6000-6700, 6000-6701 and coil part# 730-0192 PS92N are allowed. Ignition boxes and coils must be mounted on the upper right side of the dash and must be fully visible to inspectors.

6. Engine/Weights

- ACT Legal 603 - 2675
- ACT Legal 347JR - 2725
- 604 Bottle Cap Seal - 2675
- RPM Seal Alliance - 2700
- 604 Unsealed - 2725
- 347SR Factory Seal - 2725

Call Track Officials for approval on any engine combination that is not listed above.

7. Engine Exhaust & Mufflers

- A. Modified exhaust headers may be used. Mufflers are required. Tail pipes must be angled at least 45 degrees toward the ground if not exiting thru the door. Must meet the speedway's sound level of 99db.

8. Engine Fuel

- A. No electric fuel pumps.

9. Engine Location

- A. Engine must be positioned within the chassis per the following specifications: a) Cross (lateral) location - centerline of engine crankshaft shall be located within one inch of the center of the front clip horns. The front and rear clips shall be located within a one-inch offset of the frame rails. b) Engine height - centerline of crankshaft harmonic balancer (or equivalent) must be located a minimum of ten inches above the ground plane. c) Front-to-rear (longitudinal) location - maximum of four inches from centerline of forward-most spark plug to determine line projected between the upper front ball joints of suspension.

10. Fuel

- A. The maximum size allowable fuel cell is 22 gallons. U-shaped or non-standard shaped fuel cells are not allowed. A minimum of 8" ground clearance between the bottom of the fuel cell assembly and the race track itself is required. Cells must maintain the flapper/ball assembly. Fuel cell canisters must be made of at least 22-gauge steel. A safety loop to protect the rear of the cell must be in place. Any part of the fuel cell assembly must be no closer than 11" to the back of the rear end tubes or 1/8" steel plate to prevent rear end from hitting fuel cell.

11. Lettering & Appearance

- A. All cars must have numbers on both doors and roof. All numbers must be a minimum of 18" and must be registered and approved. Roof numbers must face the passenger's side. All numbers must be distinctly contrasting to the color of the car. No reflector or metallic numbers. All numbers to be subject to visual approval of Track Officials.
- B. All cars must be presentable on race day and subject to Track Officials approval.
- C. All cars must have their total weight and left side weight decal on the right front corner of the roof, and their Track Safety decal on the left front corner of the roof.

12. Safety

** POSTED IN RACE PROCEDURES **

13. Seats

- A. All cars must have an aluminum or carbon fiber (Track Officials approved) racing seat. Track recommends seats be full containment type, designed to include comprehensive head surround, shoulder and torso support, with energy impact form. No holes permitted. Four (4) bolts on the floor of the seat and two (2) on the back of the seat. All seat frames must be mounted securely to the roll cage. Right side headrest is mandatory. Choice of left side headrest or auxiliary net mandatory.

14. Suspension & Steering

- A. Rear trailing arms may be of any length and may be spring or rubber assembly. Only one spring and shock per corner is allowed. Bump stops and bump springs are allowed.
- B. Ratcheting or pull-down suspension devices of any kind are not permitted.
- C. Rack and pinion steering is allowed.
- D. Coil-over spring assemblies are allowed.
- E. Offset front spindles are NOT allowed.
- F. Only steel spindles are allowed.
- G. Titanium parts are not allowed.

15. Transponders/Scanners/Radios/Electronics/Cellular Phones

- A. Transponder- All cars must be equipped with a transponder and must be operational at all times during practice, qualifying, and features. If at any time your transponder isn't working, you will be Black flagged off the track. Transponder will be mounted on the right rear frame rail (inside or outside) exactly twelve (12)" inches to the rear of the centerline of the rear axles.
- B. Radios: Only one (1) Track Officials approved, two-way radio, one (1) radio push to talk button, and one (1) radio wiring harness will be permitted. At all times during practice, qualifying, and feature the spotter must monitor the Track Race Control Frequency 469.5000 by way of scanner and/or radio. All race team "Must" supply Track Officials with their radio frequency prior to practice.
- C. Cars will not be allowed to carry "ANY" on board computers, micro-controllers, processors, recording devices, electronic memory chips, traction control devices, or digital readout gauges. Cellular phones are not allowed in cars at any time. Go-Pro type devices must be approved by Track Officials prior to use.

16. Tread Width

- A. Up to 66" max. tread width

17. Weights

- A. A- Perimeter, or straight-rail chassis. Cars are weighed before the race and must have a maximum left side weight percentage of 58.0%. Weights are to be measured with the driver in the seat of the car.

18. Wheels & Tires

- A. Only 15-inch diameter, 5 lug steel wheels with a 10-inch rim width and a reinforced center are permitted.
- B. Hoosier. Right Side: Hoosier 3045 27.0/10.0/15. Left Side: Hoosier 3035 26.5/10.0/15.

19. Wheelbase

- A. All cars must have a minimum of 102" wheelbase.

Track Officials may assess weight penalties for race equipment deemed not in compliance with the rules. Race equipment will not be considered as approved by reason of having passed through inspection at any time - or any number of times - unobserved or undetected. Any race equipment which does not conform to specifications or tolerances contained in the rule's listings, or that is not otherwise approved by the Track Officials, may not be used in competition.

Any 2024 rule may be adjusted to ensure an Equal and Competitive racing division and not to disallow any car to not compete during the 2024 season.

It is the responsibility of the competitor to read and understand these rules. If you have questions about any of these rules, please ask Track Official before building.

Any interpretation or deviation of these rules and/or procedures is left to the discretion of Track Officials and/or Track Management. Their decisions are final.

If there is a rule that your car does not comply to please contact Track Officials so we can see if there is a solution