

# Fairgrounds Speedway Nashville

## 2017 Pure Stock Rules



(Competing on 1/4 Mile Track)

**Speedway officials retain the right to determine eligibility.**

**NOTICE:** All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not confirm to specifications or tolerances contained in this rulebook, will not be eligible for approval.

**NOTE:** All cars must comply with the rules set forth by the Fairgrounds Speedway at Nashville rule book to be eligible for competition. Any and all cars and car parts are subject to FSN technical inspection processes. FSN is not required to follow any other sanctioning bodies or manufactures guidelines in its inspection processes.

### 1. BODIES

- 1.1 All stock equipment only for that year model car.
- 1.2 Rear wheel drive only, Min. of 108" wheelbase.
- 1.3 Must be stock automatic transmission with working torque converter.
- 1.4 May run 2 or 4 door car. No T-top bodies or station wagons.
- 1.5 All doors must be welded shut.
- 1.6 May run plastic nose and tail.
- 1.7 Must have a 4-point cage; with front down bars.
- 1.8 Must leave windshield in. If car's windshield must be replaced, windshield can be replaced with lexan or another stock windshield - NO Plexiglas.
- 1.9 May run mirrors.
- 1.10 Must remove headlights, taillights & all side glass. Must remove all hubcaps.
- 1.11 Must remove interior. May remove dash. Steering column must remain intact.
- 1.12 Must have three quick release hood pins in front and two in rear of hood. Must remove trunk lock & replace with two quick release hood pins. Use quick release pins, no bolts or nuts.
- 1.13 Battery mount may be moved behind the driver's seat.
- 1.14 May remove heater core & air conditioner core, but must cover hole with metal. NO anti-freeze in radiator. \$250 fine if caught using anti-freeze and you will be disqualified from the event.
- 1.15 Must have QUICK RELEASE TYPE window net. Window net MUST release from top.
- 1.16 Racing seat mandatory. Belt & shoulder harness minimum 3 inches wide and must not be over 5 years old.
- 1.17 May run fiberglass hood only.
- 1.18 May run 10 point cage. Front hoop allowed and no cow catchers.
- 1.19 Fuel cell must be in metal container & MUST have a rollover valve. Must be mounted in a safe manner with a minimum of 7" ground clearance. Must put steel firewall in back seat area. Trunk floor must remain in place. Fuel line goes under the car, not through the car - NO EXCEPTIONS!
- 1.20 Fire suit and approved SA 2000 helmet required. Fire extinguisher inside car required.
- 1.21 Must have fuel cell, no gas tanks allowed.

### 2. SUSPENSION & WEIGHT

- 2.1 No modifying of suspension is allowable.
- 2.2 Suspension parts must remain stock for that make and model of car. Spring rubbers are allowed.
- 2.3 NO RACING OR PERFORMANCE PARTS ALLOWED.
- 2.4 May use stock appearing pig tail springs on both sides.
- 2.5 Only these type rear differential acceptable (stock open, mini spool or welded spider gears only).
- 2.6 Left front frame height minimum 7".
- 2.7 All brakes must work.
- 2.8 RF Camber Tolerance will be no more than 8 degrees or 3 1/2"
- 2.9 Minimum of 3,300 lbs on all cars with 55% left side weight. Weight may only be added inside the driver's compartment.
- 2.10 Racetrack reserves the right to change or adjust weight, and add weight to any car at any time!

### 3. ENGINE

- 3.1 The engine must be strictly stock for that model and make and in its original mounts. No factory high performance parts allowed. Metric cars may run stock 350.
- 3.2 Exhaust system must be factory stock for make and model. Muffler must be in working order. Tail pipes must extend past the driver and exit out either side of the car. No aftermarket headers of any type permitted.
- 3.3 Must pull 16" of vacuum at 1000 rpm before and after the race, must have a tach that works and a vac. port that is easily accessible... If not you are DQ'ed on the spot!
- 3.4 Any valve cover; air cleaner (with metal top).
- 3.5 4 eyebrow flat top piston OK; OEM factory replacement, for stock 350 only.
- 3.6 Minimum head cc of 74, Valve size 1.94 and 1.50.
- 3.7 Stock cast iron intake or aluminum- no marine steel/factory stock. No high rise intakes allowed.
- 3.8 Engine & carburetor or fuel injection must be stock for that model car. Quadra jet carburetors or 2 barrel rodchester carburetors only.
- 3.9 All internal engine parts must be stock or stock replacement parts.
- 3.10 NO anti-freeze in radiator. \$100 fine if caught using anti-freeze.
- 3.11 If there are any questions about parts, call track inspector for approval.

### 4. TIRES & WHEELS

- 4.1 Any DOT 70 series street legal tire or T-Ford Recap Max Size 235-70-15
- 4.2 All four wheels must be the same size, either all 14's or all 15's.
- 4.3 No aluminum or alloy wheels.
- 4.4 Maximum seven (7) inch wheel width.
- 4.5 May run after market wheels; offset 4" only.
- 4.6 Oversized lugs are recommended and are required on the right front.

### 5. PROTEST

- 5.1 **All protest** must be filed no later than 15 minutes prior to display of checkered flag of that event. No exceptions!
- 5.2 **All visual protest** must be filed no later than the start of the division race before the event for which the protest is made. No exceptions!

### 6. PROTEST TERMS RULE

- 6.1 Rules apply for all divisions.
- 6.2 Protest must be filed immediately after the feature. Once protest is filed, it will not and cannot be withdrawn.
- 6.3 When protest and found illegal, you will lose all points and monies for that night. If you admit to being wrong and don't tear down, you lose all points and monies for that night and fine will not be imposed. Each additional time you are protested and found wrong, the fine will increase by \$150.00 and you lose all points and monies for that night.
- 6.4 When protesting, you must also tear down first.

### 7. PROTEST COST

- 7.1 All ¼ mile divisions: \$1,500.00 to look at everything. \$1,000.00 to look at top half only. Protester must tear down first. Speedway keeps 30%, win or lose.
- 7.2 All 5/8 mile divisions: \$2,000.00 to look at everything. \$1,500.00 to look at top half only. Protester must tear down first. Speedway keeps 30%, win or lose.

### 8. MUFFLERS MANDATORY

- 8.1 All cars must meet track noise level specifications of maximum 90 dba. DBA level will be enforced. If car exceeds 90 dba, car will not be allowed to practice or race in the event. No exceptions!

**For all rule & technical questions contact:  
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