



Nashville Fairgrounds Speedway
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Nashville Fairgrounds Speedway
2024 FRONT RUNNER RULES
August 2024 Revision underlined in RED

The guidelines and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These guidelines shall govern the condition of events and participation therein. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE GUIDELINES AND/OR REGULATIONS. They are intended as a guide for the conduct of events and are no way a guarantee against injury or death to a participant, spectator, or official. The director of competition, or his authorized designate, shall be empowered to permit minor deviation from any of the guidelines and/or regulations herein, or impose any further restriction which, in his/her opinion, does not alter the purpose of the organization. Deviation of these guidelines and/or regulations will be the responsibility of the speedway officials whose decisions are final.

NOTICE:

All equipment is subject to the approval of Nashville Fairgrounds Speedway officials. No equipment will be considered as having been approved by reason of having passed through the inspection process unobserved. Any equipment which does not conform to specifications or tolerances contained in this rulebook or in the appropriate manuals, will not be eligible for approval. All cars must comply with the rules set forth by the Nashville Fairgrounds Speedway rule book and reference manuals used in the inspection process. All cars and car parts are subject to Nashville Fairgrounds Speedway technical inspection processes. Nashville Fairgrounds Speedway is not required to follow any other sanctioning bodies or manufacturers guidelines in its inspection process. Nashville Fairgrounds Speedway reserves the right to add to and or adjust left side and/or car weight when deemed necessary for equal competition purposes. Driver Eligibility is subject to approval by racetrack officials.

REQUIRED DECALS:

When supplied, teams are required to use uniform patches and car stickers in their designated and mandated position. Failure to do so may result in a minimum penalty of \$100 or up to 10% of their purse for that event. Teams must also leave the top of windshield for use by Nashville Fairgrounds Speedway sponsors decal stickers (subject to penalty above if not the color/dimensions supplied by Speedway). Select windshield sticker may be absolutely required to participate in an event.

All cars must be numbered on both sides and roof with registered car number assigned to the driver. Number must be on race car day of race and be legible. A 6" tall number must be placed in the upper corner of the windshield on the passenger side.



SECTION 1 – BODY & INTERIOR:

- 1) Any front wheel drive car with a 4-cylinder engine. Absolutely stock only.
- 2) MUST have Chilton's/Hayne's or Factory Service manual on your car for inspections.
- 3) Must remove all glass and interior. Must leave windshield or replace with LEXAN. No plexiglass. Stock Windshield must have no Cracks.
- 4) MUST remove all headlights, taillights, hubcaps and loose trims from vehicle.
- 5) Battery must be moved to driver's compartment. Must be securely mounted in place in and approved container. MUST BE APPROVED.
- 6) Must remove hood latch and replace with two hood pins. Must remove trunk lock and replace with two hood pins.
- 7) All doors must be welded shut.
- 8) No Beefed up front Bumpers (IE: "Cow Catcher's"). Radiator guard bar permitted.
- 9) ROLL CAGE - Rear down bars allowed, 4 pt cage MUST BE INSTALLED, cage must extend from left door to right door. 3 Minimum door bars in driver's side Door.
- 10) Metal can be removed from car, Stock floor pan must remain past driver's compartment. Must meet Minimum weight. All suspension mount points must remain unmodified and in stock location.
- 11) Dash board may be removed from car, but must leave all reinforcing metal behind dash intact.
- 12) No chains run through the floorboard.
- 13) Seatbelts must be mounted securely to main roll cage
- 14) One (1) inside mirror only; must be mounted in traditional rearview mirror location (center of car) Wink mirrors and wide angle mirrors are permitted.
- 15) May remove heater core and air conditioner core but must cover hole with metal.
- 16) Aftermarket (Late model style) front nose piece is legal.

SECTION 2 – SUSPENSION:

- 1) All suspension parts must be stock and unaltered except for adjustable upper A arm and adjustable strut rod in rear allowed. Stock shocks only (make/model) no alterations and stock springs (may be cut or altered for height or rating only).
- 2) No suspension travel limiting devices allowed including trick mounting of shocks.
- 3) MacPherson Strut Cars may modified strut holes (strut tower, or Knuckle to Strut mounting) to attain camber.
- 4) 1 Complete Spring Rubber Per Strut, 1 stock, Factory for car/make/model Bump Stop allowed per strut.
- 5) Minimum frame height 5 inches frame may not be altered. checked on the pad with the driver in the car. This will include all post-race tech.
- 6) 4 Wheel Steer systems are prohibited. Must be unhooked or disabled.



SECTION 3 – TRANSMISSION:

- 1) Standard or automatic is allowed.
- 2) Clutch and flywheel must be stock and must not be lightened. NO DRILLING OR HOLES. NO CUTTING.

SECTION 4 – TIRES & WHEELS:

- 1) Only unaltered stock steel or stock aluminum wheels allowed with 6" maximum width and factory offset. All four wheels must be the same size and backspace.
- 2) **No Azenis or Falken tires allowed. No racing slicks of any kind allowed. Othsu fb 0612 / fb 7000 tires or any street tire with a minimum 400 tread wear may be used. Tires may not be wider than a 205, and only 60, 65 or 70 series DOT tire.**
- 3) Use of tire softening or altering agents is not permitted. Tire inspection and the use of standard lab testing procedures will be performed. Use of such substances will result in immediate disqualification, loss of points and money.

SECTION 5 – WEIGHT:

- 1) All cars must weigh a minimum of 2,000 pounds with driver. 55.0% maximum left side weight
- 2) Cars with engines larger than a 2 liter (2.0), i.e. 2.2, 2.3, 2.5, etc. must weigh an additional .85 per cc. For example: A car with 2.2 liter engine must weigh 2,000 lbs. + 22 - .85 for the 0.2 200 x .85 = 170 additional pounds for a grand total of 2170 lbs.
- 3) Weight Shifting Devices: Absolutely NO weight shifting devices of any type.
- 4) Adjusting Weight: - Track reserves the right to change or adjust weight, and add weight to any car at any time to level the competition.
- 5) **Weights and percentages are at all times even after the race with no burn off.**
- 6) LEAD: No Tungsten or liquid weight
- 7) All weight (lead) must be mounted inside the driver's compartment with a minimum of two ½ inch bolts. ALL LEAD MUST BE INSPECTED BY TECH OFFICIALS BEFORE CAR CAN GO OUT ON TRACK. (Initial Safety Inspection) ALL LEAD WILL BE PAINTED WHITE WITH CAR NUMBER ON ALL SIDES. CAR NUMBER SHOULD BE IN LARGE PRINT STYLE AND IN PERMANENT MARKER OR PAINT. THIS IS MANDATORY. Visual Safety inspections will be done throughout the season to assure this is done.
- 8) Any driver that loses any lead from his car will be fined \$10.00 PER POUND payable prior to any further competition. This rule is in effect during race day or practice days.



SECTION 6 – ENGINE:

- 1) Absolutely NO engine modifications. Engine must be stock for the MAKE of car it is in (Honda-Honda, Ford-Ford, Nissan-Nissan, ETC). No R type engines or parts.
- 2) MUST USE STOCK MOUNTS, NO CONVERSION MOUNTS or CUSTOM FABBED Mounts. (If it does not bolt in using stock mounts it's not legal).
- 3) All air MUST pass through carburetor or throttle body.
- 4) Must run stock ECU. Non Vtec cars can run a chipped ECU.
- 5) Absolutely NO Modifications to Engine or ECU except what rules allow in section "6 Engine".
- 6) Engine must be assembled as from factory.
- 7) Engines may have minor boring, head decking, or cutting of bearing surface on crank for stock rebuild purpose's only.
- 8) Engine may use a different cylinder head than what matches bottom end.
- 9) All internal parts in bottom end MUST be STOCK OEM parts. No After Market Parts Allowed Internally. Internal parts in block MUST be same as Block series. (B Block – B parts, D Block – D parts, H Block – H parts. MUST BE STOCK OEM PARTS. ABSOLUTELY NO RACING AFTER MARKET PARTS AND NO MODIFICATIONS.
- 10) ARP Head/Rod Bolts Are Allowed.
- 11) Cylinder Head must be stock, including camshafts, for that cylinder head.
- 12) No Aftermarket Intake Manifold (IE: Skunk2)
- 13) Fuel injected or carbureted. No turbo or superchargers.
- 14) Aftermarket air intake and filter is Legal.
- 15) Aftermarket exhaust header is Legal.
- 16) AMMENDED RULES – Nashville Fairground Speedway reserves the right to amend any rule or add rules to level the competition. This would include engine components, restrictor plates, rev limiters, etc.
- 17) ENGINE RULES IN NFS FRONT RUNNER DIVISION WILL BE CLOSELY MONITORED AND RULES COULD BE AMMENDED.

SECTION 7 – MUFFLERS:

- 1) A muffler must be used and installed in a configuration that will suppress exhaust noise to a maximum of 99db's at 100 feet. Track officials will conduct random testing of exhaust noise, a penalty of 10lb's for every point above 99db's will be enforced. Any car that is consistently tested above 99db's will receive additional penalties up to and including disqualification.
- 2) No straight manifold or exhaust headers.
- 3) Schoenfeld shorties are not allowed.
- 4) Exhaust Length. Exhaust must extend past the driver. If exhaust exits to either side of the car the exhausts cannot create an obvious cutting hazard.
- 5) Muffler Installation. May raise or remove section of the floor pan on right side of car for clearance to install large style mufflers (ex. Brzezinski/Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.