



Dog Hollow Speedway by RFR Motorsports
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OFFICAL 2022 FOUR CYLINDER RULES

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1. RULE BOOK DISCLAIMER

- a. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptance requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants 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 REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.
- b. The race director shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in his or her opinion, does not alter the minimum acceptance requirements. NO EXPRESSED OR IMPLIED WARRANTY OR SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation of deviation of these rules is left to the discretion of the officials. Their decision is final.
- c. It is the sole responsibility of the Driver and the Car Owner/Crew Chief to read and adhere to the following rules and/or regulations!

2. CHASSIS/BODY

- a. Any front wheel drive four cylinder car. Front engine mounted vehicles only.
- b. NO jeeps, SUV, or trucks.
- c. No All-Wheel drive or All-Wheel steer cars allowed.
- d. All exterior chrome, plastic and lights must be removed, all glass must be removed
- e. All body panels must be stock OEM, doors, hood, and trunk may be skinned for lightening purposes.
- f. Boxing in the interior of vehicle is allowed! However, NO Tunnel Rams are allowed that can increase downforce.
- g. Aftermarket nose pieces are allowed. Any nose piece used must be conformed to fit at reasonable and near-factory dimensions.
- h. 6 inch metal support to extend out behind the nose piece or to hold grill in place allowed.
- i. NO push bars to extend outside of bumpers or beyond nose piece.
- j. Some sheet metal will be allowed for repairs. Cars should be as stock appearing as possible. Adding sheet metal to bodies may result in a weight penalty being assessed. No flat sided body panels.
- k. All tow hooks must be constructed from chain or wire rope ONLY.
- l. Each car MUST have a tow hook in the front and rear that is securely mounted to support the weight of the car.
- m. Doors must be welded or bolted shut
- n. Driver and front passenger door window openings along with rear and front window openings must remain open and uncovered. Rear door and/or small rear side windows can be closed or covered. Front windshield visor no more than 6" allowed.
- o. No aftermarket fender flairs permitted.

3. INTERIOR

- a. Car must be gutted of all burnable interior.
- b. Must have completely enclosed fire walls with no open holes. An approved firewall must be in place between driver compartment and fuel cells, fuel lines or tanks.
- c. Fire wall can be replaced at its original location.
- d. NO wind tunnels or other aerodynamic fins or louvers permitted.
- e. Absolutely no mirrors or reflective devices permitted.
- f. Quick release steering wheel is mandatory.

4. STEERING AND SUSPENSION

- a. Must have stock rear and front suspensions as from factory, Slotting of factory mounting holes allowed.
- b. Lowering springs permitted and may be heated. Spring rubbers permitted. Springs must be within 2 inches of factory installed height. Minimum of 5 inches grown clear from frame rail.
- c. Rear control arms must be stock but may be braced / strengthened / repaired.
- d. Aftermarket trailing arms allowed. (Neons)
- e. No adjustable coil overs allowed.



- f. Stock type aftermarket bushings are allowed.
- g. No weight jacks
- h. No transferable weight systems
- i. No racing shocks or springs permitted.
- j. Steering remain stock.

5. ENGINE/DRIVETRAIN

- a. No power adders! Meaning: no turbos, superchargers, or nitrous.
- b. Motor must be stock appearing and in stock location.
- c. Motor must match car (Example: Honda must have Honda engine).
- d. Any air or oil filters (Example: K&N, etc....)
- e. Intake must be a stock intake! NO Skunk 2, etc...
- f. Cold air intakes for fuel injection permitted
- g. Aftermarket radiators allowed. - Radiators can be braced for support, must remain in REM location.
- h. Computer may be chipped and/or tuned. A standalone ECU and aftermarket harness is allowed. Ignition coil must remain OEM.
- i. Open to all modifications and MANUFACTURER SPECIFIC engine swaps.
Example: Mopar, GM, Honda, etc. CAN ONLY be paired with same manufacturer of vehicle.
- j. The Speedway reserves the right to issue air restrictors.

6. EXHAUST

- a. Aftermarket (racing headers) are allowed.
- b. Catalytic Converter must be removed.
- c. Exhaust must exit past driver's seat and must not extend out of anybody surface more than 1" and pipe must be blunt and free of sharp edges.

7. ROLL CAGE

- a. Roll cage must be constructed of a four-post design with two down bars behind driver following the contour of the windshield and the rear roll bar must be tied into the rear frame. The top roll bars must be connected and form a box at least four inches above the Driver's head. Roll cage must be securely welded to the floor and unibody frame rails. Two (2) down tubes off of rear hoop mandatory to form 6-point cage. Left side down tube from top hoop to top driver's door bar is highly recommended.
- b. All tubing must have a wall thickness of at least .095 inch thick and minimum circumference of 1 ½ inches.

- c. NO EXHAUST TUBING.
- d. Cage must have a minimum of three (3) bars on the Driver's side and a minimum of two (2) bars on the passenger side.
- e. No push bars past firewall.
- f. Roll cage may extend forward behind bumpers.
- g. Bumper cover mandatory. Bumpers must be covered in some way with no exposed sharp corners.
- h. All joints must be welded solid. All cage corners and the driver's side door must have gussets.
- i. Padding is highly recommended.
- j. Recommend door intrusion plate.

8. TIRES & WHEELS

- a. No bead locks will be allowed. Tires and wheels will be strictly stock as per the OEM specs.
- b. Street legal DOT tires required! NO drag radials, no winter tires, mud grip lug tires, racing tires or racing recapped tires allowed! Directional tires are allowed.
- c. Tires can be different sizes for stagger.
- d. Wheel size 13", 14", 15" & 16" permitted.
- e. All tires maximum width: 8 Inches, Minimum Width: 6 Inches. All wheel diameters MUST be the same size for all tires.
- f. Aftermarket racing wheels are allowed! 7 inch MAXIMUM.
- g. No Bead locks.
- h. Aluminum alloy wheels optional.
- i. NO cutting or welding allowed whatsoever on any steel wheel.
- j. Tires are ONLY allowed to protrude a MAXIMUM of 2 Inches outside of fender.
- k. No tire grooving or sipping permitted.

9. WEIGHT

- a. All cars must weigh a minimum of 2,200 lbs. with the driver after the Heat & Feature race.
- b. Exceptions: 50 lb. weight break for HANS or like device.
- c. 50 lb. weight break for full containment seat.
- d. All weight ballasts must be painted white & marked with the car number & securely mounted with a minimum grade 5 half inch bolt.

10. SAFETY

- a. Fire bottle system HIGHLY recommended must be fastened down with metal spring bands and not plastic. SFI 17.1
- b. Fire resistant driving suit required. Single layer minimum SFI 3.2a1 or double layer SFI 3.2a5
- c. Fireproof gloves required. SFI 3.3/1 or 3.3/5.
- d. Fireproof shoes recommended. SFI 3.3
- e. Full-face helmet required. FIA 8860-2018, Snell EA 2016, Snell SA 2015, Snell SA 2020 and/or a valid SFI 31.1/2015 or 31.1/2020 label.
- f. Head and neck restraint systems recommended SFI 3.38.1
- g. Driving racing harness & restraints required. Seat and belts must be securely mounted to roll cage. SFI 16.1 Replacement 2 years
- h. Window nets SFI 27.1 required.
- i. Arm restraints SFI 3.3 recommended.

11. SEAT

- a. Must be racing seat only. High back or acceptable head rest mandatory. Full Containment Seat recommended. (SFI 39.2) constructed of aluminum.
- b. Up fitting a current seat with bolt on kits will be permitted with a seat manufacturer produced kit and a base seat acceptable to the seat manufacturer. Components must include comprehensive head surround, shoulder and torso support system, energy impact foam. Must be installed in accordance to seat manufacturer's instructions.
- c. Seats must be used as supplied and instructed by the seat manufacturer with the exception of trimming the length of the left side head surround for the purpose of egress only. If the left side head surround is trimmed to a distance that is less than the most forward surface of the driver's helmet (usually the area crossing the chin) then a left side head net meeting the SFI 37.1 must be installed with a quick release latch.
- d. Seats must be mounted to a seat frame that is welded to the race car frame/roll cage structure. Attaching points, angles, and materials for the seat frame and mounting of the seat to the seat frame must be in accordance to the seat manufacturer's instructions.

12. BATTERY

- a. The battery must be securely mounted with positive fasteners and brackets.
- b. 12 volt systems only (NO 14, 16, or 18 volt systems permitted).
- c. The battery terminals must be insulated or enclosed with a non-conductive material that will prevent contact with any part of the race car should the battery become dislodged from the battery mount.
- d. One (1) mandatory battery disconnect switch must be installed in a location that is easily accessible from outside the race car. The switch must be clearly labeled with off/on direction. The switch must be directly in-line with the NEGATIVE battery cable and be capable of completely disconnecting the NEGATIVE terminal of the battery from the race car. Negative or "ground" wiring connections must not be made anywhere from the battery negative terminal to the input side of the disconnect switch. An additional battery disconnect switch within the driver's reach may also be used.

13. OTHER

- a. Fuel cell is not mandatory but highly recommended. If a fuel cell is not used, there must be a metal skid 1/8" plate in the bottom of the tank if it is made of plastic.
- b. NO parking brakes permitted.
- c. NO rub rails permitted.
- d. NO mirrors allowed.
- e. NO radios allowed
- f. Raceceivers are MANDATORY
- g. AMB Transponder required and located on the right rear frame rail 12" behind the rear axle tube. (Preferably on the inside of the frame rail.)
- h. All wheel speed sensors must be disconnected.