

Wilmot Raceway's NEW

BANDIT

Racing Series

Brought to you by



10306 Antioch Rd, Salem WI 53168



Hardcore Automotive Performance

Official Rules 2021

These rules supercede any previous year rules

General Rules

This class has been developed to permit those desiring to try stock car racing to do so with minimum cost. This a production division unless specifically listed below as an allowable modification. You may not change or modify the car or parts in ANY OTHER WAY.

1. Car Requirements

Front or rear wheel drive, three or four cylinder, non turbo/super charged passenger cars. Must be unit body construction, no body on frame. Maximum wheel base of 108". All cars subject to tech approval. Four Wheel Steer (AWS) cars allowed with rear disconnected and alignment pins installed.

2. Car Bodies

REQUIRED: Folding seat must have seat back fastened in position. All exterior trim including lights, body moldings, mirrors, etc. must be removed. All glass besides windshield must be

removed. Driver's door must be bolted, strapped, or welded shut. Hood and trunk must be secured with hood pins only. No other latching devices allowed. Some form of dash panel required. ALLOWED: Fenders may be trimmed, if not excessive, to remove rust. You may add a steel protector plate to the driver's door. Stock appearing bumpers REQUIRED. Bumpers may be welded in place. Bumper ends may be capped and have supplemental attachments to the fenders to prevent the hooking of bumpers. All flammable materials including carpets, pads and door panels ARE STRONGLY SUGGESTED to be removed from interior and trunk. Seat may be changed. Racing seats are allowed but must be securely mounted with no less than four 3/8 bolts with 1 1/4 fender washers. Front windshield may be Lexan, two braces required, though a steel mesh screen is recommended. Air conditioner compressors, smog pumps, excess wiring, heater and air conditioning boxes and coils may be removed. Holes left in firewall MUST be covered, ideally welded shut. Aftermarket aux gauges may be used. A single plane rear spoiler with a maximum height of 5" allowed. Front spoiler and side skirts with minimum ground clearance of 6" allowed. Cowl area should be covered to prevent flame transfer to cockpit.

3. Roll Cages

REQUIRED: Six-point roll cage. Cages must be installed and constructed so that the "B hoop" is higher than the driver's head and a diagonal bar from shoulder height towards feet on both sides. No portion of any bar or cage may pass through any part of the firewall, and no bar may hook to or attach to the rear bumper. 1 3/4" .095 tube is recommended if cage or bar is mounted to the floor pan. A 6" X 6" steel plate or equivalent must be used at hoop mounting points, and plated gussets at main intersections are recommended. A single driver's door bar is minimum requirement, though more are strongly encouraged – expect 3 bars to be the rule in the near future, so if you're building a car, USE 3 DRIVERS DOOR BARS!!! Bars may extend through firewall, maximum of two forward facing bars of no more than 1 3/4" diameter may extend past the centerline of strut

towers and must be attached to frame/unibody at some point before the radiator. These bars past the strut towers may not be tied together. It is your responsibility to construct a cage assembly capable of protecting you from injury.

4. TIRES AND WHEELS

REQUIRED: Stock type wheel with broad line DOT Approved street tire. Any size tire on any corner of car. All four wheels must be same size. No V or Z rated tire, no regrooving, shaving, recap, or chemical treatment is allowed. No aftermarket wheels except steel race wheels. Oversize 1" lug nuts are required.

5. BATTERIES

REQUIRED: Battery must be securely tied down. Battery may be relocated and mounting reinforced, but must be securely mounted and in an approved container if in passenger compartment.

6. ENGINES

REQUIRED: Complete stock motor for the make and model chassis as delivered to the US showroom. Imported (JDM) motors must of be same model type as car being installed into. Imported motors subject to approval. You may remove excess wiring, sensors etc. Aftermarket cold air intake (anything before the throttle body or carb) and or cone filter allowed. No other modifications!!!

Twin cam motors that have any form of variable cam/valve timing MAY be subject to a 100lb weigh penalty. Must be securely affixed to passenger side front floor pan as far forward and far right as possible and available for easy inspection/weighing. Weight may be adjusted at tech/staff discretion at any time to maintain even competition.

7. TRANS AND REAR AXLES

REQUIRED: Stock, unmodified trans and transaxle as manufactured and delivered with working forward and reverse gears.

8. BRAKES

REQUIRED: Stock, must be capable of locking all four wheels independently. Stock proportioning valves only.

9. EXHAUST

REQUIRED: A leak free, tight exhaust system. Stock OEM produced exhaust manifold / header ONLY. A maximum size of 2.5" o.d. must

be run from the engine to an area behind the driver, not point at fuel tank/cell and must include either some form of muffler or cat. Loss of muffler will be grounds for black flag.

10. STEERING AND SUSPENSIONS

REQUIRED: 1" +/- camber allowed. Stock type steel springs that fit in perch and top hat in stock locations are allowed. No threaded adjusters. Only aftermarket/manufactured/OEM parts allowed to adjust camber. Must only effect CAMBER, any other changes would be illegal. No other modifications!! Must have at least 4" ground clearance at all points (excluding exhaust parts). Front/rear strut tower bracing OK. OEM or OE equivalent non-adjustable shocks only. All suspension components, front and rear, must be mounted in stock location

11. COOLING SYSTEMS

REQUIRED: Any radiator which will fit in stock brackets. 180 degree fan shroud is optional. An overflow container mounted in engine compartment. **Water only in radiator, strictly enforced.** Radiator protection device may be constructed of maximum 1" OD square/round tubing from a total of 6' of material

12. FUEL TANKS

REQUIRED: Cars without the fuel pump mounted in the tank must use a cell or marine type tank mounted in the trunk. Stock tanks allowed if mounted in front of rear axle. Cells are recommended. Cell must be securely fastened to the trunk floor with a **minimum of 2" x 1/16" straps in each direction bolted through the floor using doubler plates or installed in a safely constructed frame. Tank must be mounted within 10" of the rear panel or extend beyond the frame rails. No bottom draw tank. Maximum size is 8 gallons. All vehicles with cell are required a rollover valve on vent.**

Cars equipped with an electric fuel pump must have a toggle type switch installed and clearly marked at the base of the driver's "A" pillar.

13. Numbers / Appearance

REQUIRED: Minimum of 18" high number in a contrasting color to the body is required on both doors and roof of the car along with a 6" high number on the upper left (driver's side) corner of

the windshield and a 5" high number on the back of the car. Car number must be registered. No duplication of car numbers is allowed. Cars should represent the class well and should be presentable on both the track and in the pits. Neat and clean paint and graphics strongly encouraged.

14. Seat Belts

An SFI approved racing seat belt and shoulder harness are required. Must be a minimum of 3" wide and 5 point. Quick release buckles are mandatory. Seat belts must be within manufactures expiration date. No expired seat belts will be allowed

15. Window Nets

An approved window safety net is required. Window net must be large mesh 12" minimum length. Window nets must fall down and must snap with a seat belt snap on top front corner of window, and release to be clearly marked on roof.

16. Clothing

Required: SFI Approved Fire suits, gloves, shoes and neck braces are all required. Head and Neck restraint systems **STRONGLY RECOMMENDED.**

17. Helmets

REQUIRED: Snell rated SA2010 or SFI 31.1/ 2005

18. Tow Hooks

A secure towing device (hook, cable, etc.) must be installed both front and rear, and securely fastened and located so as not to be a hazard in the event of contact. If it takes more than 30 seconds for the tow truck driver to find a tow hook, you can expect discipline.

19. Radios

Two-way radios or cell phones are not allowed. **RACECEIVER REQUIRED**

20. Mirrors

Mirrors will not be allowed