



WILMOT RACEWAY'S PRO4 OFFICIAL RULES 2011

These rules supercede any and all 2010 rules for the 4 Cylinder class.

GENERAL RULES

This class of car has been developed to permit those desiring to race stock cars a fun, exciting and competitive racing experience while keeping the investment level within reason. Wilmot has the only modified 4 cylinder class on dirt in the area!!! However, rules will be strictly enforced to provide safe, fair racing attainable to the masses.

1. CAR REQUIREMENTS

Front or rear wheel drive, sold in US, less than 5 cylinder, naturally aspirated passenger cars. Maximum wheel base of 108". All cars are subject to tech approval. Four wheel steer (AWS) cars allowed with rear disconnected and alignment pins installed. Vin tag or firewall VIN stamping must remain visible/intact.

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 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 rustout.

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. A

stainless 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.

3. ROLL CAGES

REQUIRED: Four 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 firewall to hook to or stiffen the frame beyond the area of the driver's compartment. 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. Door bars are recommended. It is your responsibility to construct a cage assembly capable of protecting you from injury. Roll cage may **NOT** extend past rear suspension pick up points, or past firewall.

4. TIRES AND WHEELS

REQUIRED: Steel wheels STRONGLY recommended. Same size/offset/width per axle. Racing wheels allowed, MUST fit within stock fenders. ALL wheels will be affixed with 1" oversize lug nuts, MUST appear safely affixed. 195+ tire width strongly recommended. DOT approved tire. NO siping, grooving, or chemical treatments.

5. BATTERIES

REQUIRED: Battery MUST be securely mounted. Battery may be relocated and mounting reinforced, MUST have battery box if mounted inside passenger compartment. IF BATTERY IS NOT AFFIXED IN A SAFE MANNER, YOU WILL NOT RACE.

6. ENGINES

Any engine from the same OEM as the body of the vehicle that will fit in ALL of the STOCK mounting brackets and mounts allowed. NO aftermarket or fabricated mounts allowed. Max 2500 CC.

Non stock exhaust manifolds/headers allowed.

Induction open: including intake tract, box, filter, carburetor or manifold. No individual throttle bodies. Any size injector or carb allowed.

ECU tuning/chipping OK.

Engine MUST be within OEM's stated cylinder pressure figures.

Stock long block required with stock bore and stroke. No camshafts or head work of any kind.

No heads from other blocks will be allowed to be swapped for "frankenstein" style engines.

Tear Down Claim rule:

For a fee of \$500 any driver may request to have the head, intake, and exhaust removed for inspection. If found legal, \$300 is awarded to the one inspected with \$200 retained by the officials. If illegal, the fee is returned to the protester and the violator forfeits all money and points won for that night. Officials can require intake, injectors, computer, and heads be removed and checked for modifications. If components are found to be illegal they will be confiscated and destroyed. If found to be legal the owner will receive \$100 allowance for gaskets.

7. TRANSMISSION AND AXLES

Open.

8. CLUTCH AND FLYWHEEL

Any single disc clutch is allowed. Must bolt to stock mounting points on stock flywheel. No twin or multidisc clutches allowed. STOCK steel flywheels only. NO excessive machining allowed. Your vehicle MUST have some form of inspection port for officials to verify above. If your vehicle is not equipped with such a port, you must MAKE one. If you do not have an inspection hole you will be asked to remove your transmission. If you do not remove it, then no points or money will be awarded.

9. BRAKES

REQUIRED: MUST be capable of locking all four wheels independently. Stock proportioning valves only. Any caliper that will fit into stock bracket allowed, pads and rotors are open.

10. EXHAUST

REQUIRED:

Must have some form of muffler or cat, and must exit behind driver and not point at fuel tank/cell. MUST be securely fastened - if any portion of your exhaust falls off on the track, you WILL be black flagged.

11. STEERING AND SUSPENSIONS

REQUIRED:

All pick up points shall remain stock. Any spring, shock or strut that will fit in stock mounting points allowed.

Ball joints may be upgraded.

No spring jacks or threaded adjusters allowed.

Stock style control arms.

Strut tower braces allowed.

12. COOLING SYSTEMS

REQUIRED: Any stock 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.

13. 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. Tank 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 5 gallons. 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. All vehicles are required a rollover valve on vents.

14. 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 are 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.

15. SEAT BELTS

REQUIRED: A 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 dated '08, '09 or '10.

16. WINDOW NETS

REQUIRED: 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.

17. CLOTHING

REQUIRED: Fire suits, gloves, shoes and neck braces are all required.

18. HELMETS

REQUIRED: Snell rated SA 2005 or SFI 31.1/ 2005.

19. TOW HOOKS

REQUIRED: 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.

20. RADIOS

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

21. MIRRORS

Rear view mirrors, mounted inside car and securely fastened, WILL be allowed.

22. Scoring System: TRACK to pOST details of existing 2010 scoring system. Points and payout will be forfeited if any of above rules are found to be in violation.

SEE YOU AT THE TRACK!!!