

Office: (260) 478-RACE

www.baerfieldspeedway.net



10629 Thiele Rd.
Fort Wayne, IN 46819
tomisch@baerfieldspeedway.net

2012 Front Wheel Drive Rules

DRIVER ELIGIBILITY: This is intended to be an affordable class for new and/or, inexperienced drivers. This class is intended to be a stepping-stone to other divisions. Drivers with limited experience may petition the Speedway for permission to race in the Front Wheel Drive (FWD) class. Anyone with more-than limited experience in other divisions, is prohibited from running FWD's. Drivers must be at least 13 years of age with signed and notarized parental release form if under 18.

CAR ELIGIBILITY: Front wheel drive. Three or four-cylinder; non-turbocharged; passenger cars ONLY. No rotary engines. 6-cylinders are allowed with automatic transmissions. **Minimum wheelbase is 92"**. Maximum wheel base **108"**. All cars subject to tech approval. No four-wheel steer (AWS) or all-wheel drive (AWD) cars allowed.

GENERAL: Fenders may be trimmed (if not excessive) to remove rust out. 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 which prevents the hooking of bumpers.

STRIPPING AND GUTTING: Folding seat must have seat back fastened in position. All exterior trim including lights, body moldings, mirrors, etc. must be removed. All side and back glass must be removed. **All drivers' pads, dash pad, and door panels may be removed from interior and trunk, except driver's seat.** Seat may be changed. Front windshield may be Lexan. Air conditioner compressors, smog pumps, excess wiring, heater and air conditioning boxes and coils may be removed; holes left in firewall must be covered with steel or aluminum. Aftermarket auxiliary gauges OK.

ROLL-OVER BAR MANDATORY! ROLL CAGES OPTIONAL. Roll bars and/or cages are **HIGHLY RECOMMENDED**. Cage or bar should be installed and constructed so the B hoop is higher than drivers and passenger's head. However, 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 recommended. If cage or bar is mounted to the floor pan, a 12" x 12" steel plate should be used at hoop mounting points, gussets at main intersections recommended. **DOOR BARS ARE HIGHLY RECOMMENDED.** It is **your** responsibility to construct a cage assembly capable of protecting you from injury.

TIRES AND WHEELS: Stock type wheel, 165 thru **225** 60/65/70 tires. All 4 wheels must have the same size tire, no mixing of sizes. No re grooving, recaps or chemical treatment is allowed. Tire must have at least 2/32nds tread remaining in at least two grooves. **NO RACING OR HIGH PERFORMANCE TIRES ALLOWED.** Maximum rim diameter 16". No after market wheels. Same tire size and profile required on each axle. Oversize lug nuts **MANDATORY** on front wheels only. **May reinforce or run safety wheel on right-front, but must retain same offset as other three corners.**

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

BATTERIES: Battery must be securely tied down. **OPTIONAL:** Battery may be relocated and mounting tray reinforced but must remain under the hood.

ENGINE: Complete stock motor no modifications!!! **OPTIONAL:** Removal of excess wiring, sensors, etc.

COOLING SYSTEMS: Any stock radiator allowed which will fit in stock brackets. 180-degree fan shroud required. An overflow container mounted in engine compartment is mandatory. Water only in radiator, **NO ANTI-FREEZE!**

TRANSMISSION & REAR AXLE: Stock, unmodified transmission and transaxle, as manufactured and delivered, with working forward and reverse gears.

EXHAUST: Exhaust system must be completely leak-free and tight with a 2" max. outer dimension pipe. Cars with dual overhead cams or more than one cam are limited to 1.5" max. outer dimension pipe. Exhaust must be run from the engine to an area behind the driver pointing down toward race track. **Maximum exhaust dimension must be utilized for at least the last 24" of exhaust pipe.**

STEERING AND SUSPENSION: Stock only. **ABSOLUTELY NO MODIFICATIONS.** Ride attitude must be maintained. Sway bars must remain intact. **Up to 2 inches of camber will be allowed. Will be checked with a framing square and a level.**

FUEL TANKS: 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 stock location. Cells are recommended. Tank must be securely fastened to the trunk floor with a minimum of two, 1" by 1/16" straps in each direction, bolted through the floor using doubler plates or installed in a safely constructed frame. Tanks shall not be mounted within 10 inches of the rear panel or extend beyond the frame rails. No bottom-draw tanks. (Cell required on wagons.) **Cars equipped with electric fuel pumps must install a toggle-type switch clearly marked at the base of the drivers "A" pillar.**

NUMBERS: Minimum 18" high numbers in a contrasting color are required on both doors and the roof of the car. Numbers **MUST** be registered with speedway. Number must also appear on upper-right corner of windshield.

SEAT BELTS REQUIRED: Aftermarket, full racing harness highly recommended.

WINDOW NETS: Highly recommended but not required.

FIRESUITS: Firesuits, eye protection and gloves are highly recommended but not required. Full coverage clothing from wrist and ankle to neck is required.

HELMETS: Helmet Required subject to tech inspection. Snell SA95 or newer helmets preferred.

FIRE EXTINGUISHERS REQUIRED: Each vehicle must be equipped with a charged 2-pound minimum BC rated steel fire extinguisher with gauge, mounted in a quick release bracket with reach of the driver.

TOW HOOK REQUIRED: A secure towing device (hook, cable, etc.) must be installed both front and rear. Securely fastened and located so as not to be a hazard in the event of contact.

ONLY THE ITEMS LISTED MAY BE CHANGED. NO OTHER UPDATING, PREDATING, INTERCHANGING OR MODIFYING WILL BE ALLOWED. THIS MEANS EVERY ITEM MUST REMAIN AS DELIVERED FROM MANUFACTURER. ON LIMITED PRODUCTION ITEMS, THE BASE LINE MODEL SHALL BE USED TO DETERMINE LEGALITY. RULES SUBJECT TO CHANGE TO BETTER THE RACING, SPEEDWAY HAS FINAL DISCRETION.

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