



4 Cylinder – 5 week series 2010 Rules & Regulations

The rules and/or regulations set forth herein are designed to facilitate the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition for all events, and by participating in these events, all participants agree to comply with these rules and regulations. **NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH, THESE RULES AND REGULATIONS.** They are intended solely as a guide for the conduct of the sport, and are in no way a guarantee against injury or death to participants, spectators, officials, or others. The Competition Director shall be empowered to permit any reasonable and appropriate deviation from any of the specifications and procedures herein, or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. **NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM ANY SUCH DEVIATION OR RESTRICTION OF THESE SPECIFICATIONS, RULES OR PROCEDURES.** Any interpretation of, or deviation from, these rules is left to the discretion of race officials.
THEIR DECISION IS FINAL! No exceptions!

1. SAFETY EQUIPMENT: Rules apply at all times car is on the race track. Snell-rated SA2000 or SA2005 helmet required. (SA95 helmets are not allowed). Roll bar padding required in driver compartment (*Fire retardant recommended*). SFI-approved full fire suit required. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required. *Recommended: Fire retardant head sock and underwear.* Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted so latch is at top front of window. Minimum three inch wide SFI-approved five point safety belt assembly required (Y-type shoulder harness not allowed) must be mounted securely to roll cage, *recommended to be no more than one year old.* Kill switch required within easy reach of driver and must be clearly marked "OFF" and "ON".

2. BODY/CHASSIS: Any front wheel drive, compact car with three or four cylinder engine. All cars must remain strictly OEM. Must be unaltered OEM-appearing body. No convertibles or two seat sports cars allowed. Maximum wheelbase 105 inches. OEM steel unaltered floor pan only. Inner fenders may not be removed. Hood and trunk lid/hatch must be securely fastened. All doors must be securely welded or bolted. All glass, exterior lights, chrome/plastic trim and hood insulation must be removed. Dash may be removed, but can remain. Bumpers must be welded, chained or cabled to frame and have front and rear tow hook. OEM bumper covers must remain. Maximum seven inch sun visor, opera window may be closed.

3. ROLL CAGE: Four-point roll cage required. Must use minimum 1.75 inch O.D. with 0.095 inch wall thickness tubing. Rear hoop must have "X" or cross brace configuration. Rear kickers – recommended. Must have 1.5 inch minimum O.D. cross bar in top halo. Cage must be electric welded. No iron, galvanized pipe or fittings, square tubing, brazing or soldering allowed. No bars from the roll cage, will be allowed to pass through the front firewall.

4. DOOR BARS: Minimum three horizontal door bars on driver side and one horizontal door bar on passenger side – two recommended. Both sides must have vertical bracing from top to bottom door bars. All tubing must be minimum 1.75 inch O.D. with 0.095 inch wall thickness.

5. DRIVER COMPARTMENT: Minimum three windshield bars and protective screen mounted in front of driver. Aluminum high-back racing seat required. Must be securely mounted to roll cage using 0.375 inch bolts. Driver must be sealed off from track, engine, transmission and fuel cell/tank. No mirrors. No gutting allowed except for roll/door bar clearance. All flammable material, radio and air bags must be removed. Front and rear firewalls must remain and have no holes. Interior must remain open.

6. SUSPENSION AND STEERING: All components and mounts must be unaltered, OEM and match year, make and model of car used. No weight jacks, modifications, racing components, aftermarket or homemade traction devices allowed. Rear wheels must track straight ahead and be in alignment with front wheels. No more than 5 degrees camber on any wheel. No center steering. Quick release steering wheel is allowed, must maintain OEM column. No aftermarket remote reservoir power steering.

7. SPRINGS/SHOCKS/STRUTS: All shocks and struts must remain OEM, in OEM location. Spring rubbers allowed.

8. TIRES AND WHEELS: Stock passenger tires only. No racing, mud or snow tires. No re-caps, softening, conditioning, siping, grooving or grinding allowed. Must be OEM steel or aluminum wheels, and maximum six inches wide. The front two tires must be the same size, side to side. The back two tires must be the same size, side to side. No wheel spacers or bleeder valves. *Reinforcing of wheels recommended.* Minimum air pressure in all tires = 30lbs.

9. BRAKES: Must be steel, unaltered, OEM operative, four wheel disc or drum brakes, and match year, make and model of car used. OEM master cylinder only, in OEM location. No brake shut off or bias adjuster. Steel brake lines only.

10. EXHAUST: Exhaust manifold must be unaltered, OEM for year, make and model of car used. Smog pump, catalytic converter and air conditioning compressor may be removed. Mufflers – not required.

11. WEIGHT: No ballast (extra weight) of any kind allowed. Any item deemed as ballast will be required to be removed.

12. BATTERY/STARTER: One 12 volt battery only. Must be securely mounted with positive terminal covered. Battery must be in Marine type case if mounted in driver compartment. OEM starter only, must be in OEM location. Car must leave initial staging area on demand, unaided, or go to rear of that race.

13. GAUGES/ELECTRONICS: No unapproved cameras, transmitting or listening devices. 12 volt ignition system only. Aftermarket analog tach, oil pressure and water temp gauges only.

14. FUEL SYSTEM: Stock gas tanks may remain in stock location. If stock tank is removed, approved fuel cell must be used (Maximum 12 gallons) located securely in the trunk area and covered. Must be safe and secure. Check valves on the tank vents are recommended. No cool cans. Fuel lines through driver compartment must be steel.

15. TRANSMISSION: Must use OEM, unaltered transmission that came in year, make and model of car used. All forward and reverse gears must be operational. Flywheel, flex plate, clutch assembly and torque converter must be unaltered, OEM for year, make and model of car used. No mini clutches or couplers. Must have inspection hole in bell housing. No transmission coolers in driver compartment. No torque dividing final drive. No locked differentials.

16. ENGINE COMPARTMENT: Engine and radiator must be OEM, in OEM location for year, make and model of car used. May use solid engine mounts or safety chains. No accumulators/accusumps. No reinforcing except installation of front strut crossbar.

17. ENGINE: 3 or 4 cylinder in-line engines only. All engine components must be unaltered OEM for year, make and model of car used. Must use OEM crank, rods, valve sizes, stroke, etc. No aftermarket racing heads. No high performance or sports car engines of any kind. No turbo charged, super charged, rotary engines, or engines utilizing variable cam-timing.

Line-up procedures:

All drivers draw for heats. Qualifiers redraw for starting positions. Redraw: Two or five heats – 10 redraw; three, four or six heats – 12 redraw. “B” mains are lined up straight up from heats, with highest finishers to the front. Each top three finishers will receive points for their heat races. 1st – 3 points, 2nd – 2 points, 3rd – 1 point.

Point Structure

“A” Feature win is 40 points, with each subsequent position worth one point less. If more than 20 cars start feature, all positions from 20th on back will receive 20th place points. If a “B” feature is run, first non-transferring driver receives 16 points and each subsequent position, back to sixth position receives one less point per position. Sixth position and back in “B” feature receive 11 points. This applies to all “B”s, even if more than one is run. (NOTE: Driver must take initial green flag in features to receive feature start money and points) 24 Cars will start the feature event. Track reserves the right to have a track provisional driver on “Championship night”

Laps:

15 lap features (or 20 minutes) with 6 lap heat races.

RED FLAG means STOP immediately where you are on the track when the red flag comes out. Anyone who passes the accident after the red flag is thrown will get black flagged! Also, any driver who passes the pace truck on the track will be sent to the rear of the field.

See 34 Raceway General Rules for specifics on, conduct, sportsmanship, pit rules and misc.