



PRO-SIX RACING DIVISION RULES AND REGULATIONS



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PRO-SIX RACING DIVISION RULES AND REGULATIONS



I. CHASSIS

A. Frame rails and roll cage

1. Any chassis built **MUST BE INSPECTED** and **APROVED** by the Owners' Committee prior to taking part in the PRO-SIX Racing Series.
2. Main frame rails 2" x 3" x .093 minimum, for entire length of car.
3. All cross members and cross bracing must have .093 minimum wall thicknesses.
4. All cage, hoops, down tubes, etc, 1 3/4" round x .093 minimum.
5. Minimum of three driver side bent door bars 1 3/4" x .093 minimum.
6. Left side foot protection bar of some type is mandatory.
7. Right side "X" bracing or door bars required, 1 3/4" x .093 minimum
8. Offset or perimeter type chassis allowed (No unibody cars allowed).
9. Rear frame rails must have a four-inch minimum kick up.
10. "X" brace or inner hoop behind driver required.
11. All cars must have fabricated bumpers (front & rear) in good condition.
12. 1/16" thick steel floor pan required for the entire length of driver's compartment.
- 13. No alterations of any kind to original chassis.**
- 14. All chassis are to be inspected by the executive board prior to completion and racing.**

B. Setbacks for engine and miscellaneous specs.

1. Engine and transmission must be in center of chassis between front spindles.
2. Engine may be set back ten (10) inches. (Measurement taken from center motor mount bolt to centerline of front spindles).
3. Ground clearance will be a minimum 4" measured under left front frame rail.
4. Ground clearance of front spoiler will be 3" minimum the full width of the car.
5. Tread width – 74" Maximum.
6. Wheel base 95" to 97".
7. Weight minimum of 2250 lbs. Left side weight maximum of 58% (with driver). Car and driver minimum weight of 2250 lbs. after finish of race (top three finishers must weigh in).



PRO-SIX RACING DIVISION RULES AND REGULATIONS



II. SUSPENSION, SPINDLES, AND REAR AXLE

A. Spindles, hubs, and brakes

1. O.E.M. iron or steel hubs, spindles, rotors and calipers only (No aluminum, aftermarket, or lightened components allowed). Mustang 2 or Pinto front spindles.

B. Rear axle and Front & Rear suspension

1. O.E.M. straight axle, any make (No limited slip allowed).
2. Welded rear only.
3. Drum or disc brakes allowed (O.E.M. parts only – No aluminum, aftermarket, or lightened components allowed).
4. Coil-overs allowed.
5. Springs: Size 350, 375, 150, and 175 - ONLY ONE of each size to be used.
6. Shocks: AFCO steel body, non-adjustable only. Must use two #1074, one #1075, and one #1076. May be used in any location.
7. No independent rear suspension allowed.
8. Pan hard bars of single link design only.
9. No shock or spring type upper links or control arms allowed.

C. Control arms, struts, and steering linkage

1. Mono-balls and heim ends allowed (Steel ONLY).
2. Adjustable mounting points allowed.

III. STEERING AND BRAKE CONTROLS

A. Steering Control

1. Rack & Pinion, O.E.M. or race rack.
2. Steering quickener is allowed.

B. Steering shaft and coupler

1. If steering shaft runs straight, there must be a collapsible section; angled with “U” joint will serve the same purpose.
2. A quick disconnect coupling must be used at steering wheel.
3. NO Aluminum Steering Wheels allowed.

C. Brakes

1. Only one single piston brake master cylinder allowed.
2. Only one brake bias valve allowed.
3. Brakes must be fully operational on all four wheels at all times.
4. Air ducting to brakes only.
5. No drilled rotors.



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IV. FUEL CELL AND FUEL COMPONENTS

A. Fuel Cell

1. 8 or 15-gallon type, approved for circle track racing. (Fuel cell foam must fill cell completely).
2. Fuel cell must be in an approved steel can – 22-gauge minimum.
3. Fuel cell must be held in place with a minimum cage of 1"x1"x .120 square steel; two under braces in a "H" pattern with minimum cage of 1"x1" x .120 square steel.
4. Top of fuel cell must have 2 straps or a welded four-way strap.
5. Fuel cell must have a roll over type check valve.
6. Fuel cell must have a minimum ground clearance of 10"
7. No external filler necks allowed.
8. Fuel cell must be centered in rear of car with an adequate firewall.

B. Fuel pump and filter

1. All electric fuel pumps will be connected to a roll over switch.
2. Fuel filters must be mounted – cannot be hanging from fuel lines or lying on the engine.
3. Pump gasoline or Track Fuel ONLY (NO additives or hot fuels).

V. WHEELS and TIRES

A. Wheels

1. Steel wheels, 13" diameter with a maximum width of 10".
2. All wheels must have same offset and width.
3. No pop off valves allowed.

B. Tires

1. **Goodyear Racing Slicks.**
2. **First race**
 - a. **6 tires can be purchased.**
 - b. **The only day that you can run 4 new tires.**
 - c. **2 new tires will be impounded prior to qualifying.**
 - d. **Impounded tires can be picked up at the end of the night.**
3. **Second race and beyond**
 - a. **2 new tires can be purchased per race.**
 - b. **2 new tires can be run per race.**
4. **No tire prep permitted.**



PRO-SIX RACING DIVISION RULES AND REGULATIONS



VI. BODIES, GLASS, AND CAR NUMBER

A. Bodies

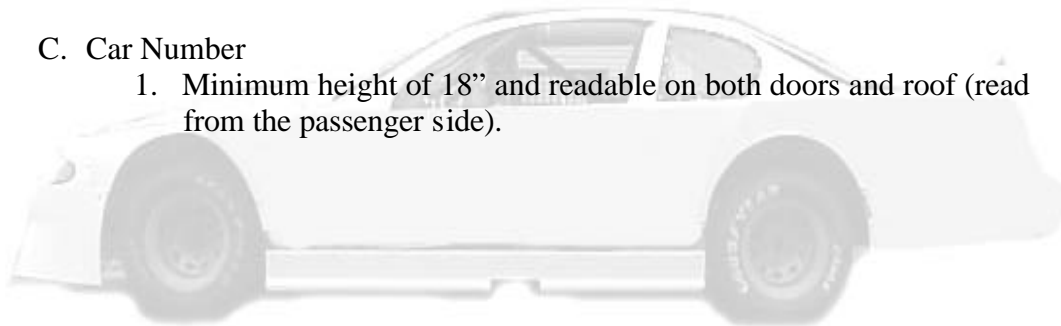
1. 1985 to current model year
2. No compacts or subcompacts
3. Bodies may be fabricated or stock, must be neat in appearance.
4. No fiberglass fenders or side panels.
5. Fuel cell and battery must be outside of driver compartment with an adequate firewall.
6. A rear hatch type car will have a fabricated trunk type compartment for the fuel cell.

B. Glass

1. Front and rear Lexan windows required.
2. All Lexan must be braced and riveted in a safe manner.
3. Quarter windows must be covered with Lexan or Plexiglas.

C. Car Number

1. Minimum height of 18" and readable on both doors and roof (read from the passenger side).





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VII. ENGINE

A. Short block

1. Nissan 3 Liter iron block V6 with single OHC, model VG30.
2. Block - stock, no modifications or machining. No overboring; sleeves allowed to repair a cylinder only.
3. Heads - stock single cam type O.E.M. production – no porting or polishing. 3-angle valve job permitted.
4. Ports and guides cannot be ground or modified in any way. No angle milling of heads.
5. Gasket surface of head may be cut a maximum of .015 (to remove warping) and will be checked against known stock head.
6. Pistons and rods - stock O.E.M. No oversize pistons.
7. Valves - Stock O.E.M., stock diameter.
8. Valve springs - Aftermarket allowed, stock O.E.M. retainers.
9. Rocker arms - stock O.E.M.
10. Lifters - O.E.M. or replacement type
11. Crankshaft - must remain completely stock, journals may be turned. (No other machining allowed).
12. Balancing allowed on rotating assembly to the lightest stock piston and rod.
13. Oil pan - O.E.M. only, may be cut for clearance or more capacity.
14. No windage trays or scrapers allowed.
15. Head gaskets - O.E.M. stock type only.
16. Camshafts – stock, NO Regrinds.
17. Coil - stock O.E.M. (from 300ZX or Maxima).
18. No computers or MSD type ignitions (ONLY Crane Cams p/n 700-0231 kit for distributor ALLOWED).
19. Oil System
 - a) No dry sumps allowed.
 - b) No external oil pump allowed.
 - c) No remote oil filters allowed.
 - d) No oil cooler allowed.
 - e) No oil pan evacuation system allowed.



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VIII. CARBURETOR, INTAKE MANIFOLD, AND AIR FILTER

A. Intake Manifold

1. Manifold must be O.E.M. #14003-V6501. (No modifications or grinding allowed)
2. NO more than 1" carburetor adaptor allowed.

B. Carburetor

1. Holley 350 or 500 CFM (2300 series) 2-bbl carburetor only (NO modifications or grinding allowed)
2. Choke assembly may be removed.
3. Float, jets, power valve, accelerator cam may be changed.

C. Air Filter

1. O.E.M. automotive type paper or foam wrapped filters only.
2. No high-performance or air induction systems allowed.
3. No ducts or sheet metal air boxes allowed.
4. Air filter must be completely covered by hood.
5. No cold air boxes.

IX. TRANSMISSION, FLYWHEEL, AND CLUTCH

A. Transmission

1. Stock O.E.M. NON-Turbo Nissan transmission ONLY.
(Non Turbo 5 speed, model FS5W71C, or Automatic)
2. 1st thru 4th gear must be in working order for manual trans, and reverse must be in working order in both manual and automatic transmissions.
3. For automatics, no kick down, and must be manual shifting up & down.
4. No aluminum or composite drive shafts allowed.

B. Flywheel and Clutch

1. Stock O.E.M. production only (No aluminum flywheel allowed)
2. O.E.M. or replacement type stock clutch only (No multi-disc or aluminum components allowed).



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X. RADIATOR, FAN, WATER PUMP AND ALTERNATOR

A. Radiator

1. Aluminum or O.E.M. types allowed.
2. Over-flow bottle required (recommended that it flows to the rear of the car and exhaust up).
3. Water pump - Belt driven ONLY
4. Radiator-air box must be sealed from inlet (grill) to radiator, and must not exceed the width and height of the radiator. No airflow from the box is allowed to go around the radiator.

B. Alternator

1. Optional

XI. SAFETY ITEMS

A. Seat

1. Aluminum, high back seat ONLY (Approved type).
2. Seat must be mounted to left frame rail allowing movement due to side impact.
3. 5 point, 3" wide seat belts of approved type required.

B. Helmet, Suit and Gloves

1. Full-face coverage helmet required
2. Fire retardant suits required (one or two piece)
3. Fire retardant gloves required.
4. Fire retardant footwear required.

C. Fire Extinguisher

1. Fire system, or extinguisher, required within driver's reach.

D. Battery and disconnect switch

1. Switch must be accessible to driver and safety crew.
2. Switch must be labeled and easy to spot for safety crew.
3. Battery must be securely mounted and shielded.

E. Hans or Hutchins is required!

F. Miscellaneous Safety

1. All roll bars within driver's reach must be padded properly.
2. Driver's side window net is mandatory.
3. Eye protection of some type is required.
4. Driveshaft safety loop should be welded and bolted.
5. Driveshaft must be painted white.



PRO-SIX RACING DIVISION RULES AND REGULATIONS



XII. POST RACE INSPECTION

A. Post-race weigh-in

1. The top 3 finishers (track may require 4, to be announced before the days event) after each race must weigh-in and be prepared to tech.

B. Forfeiture of awards

1. Cars ruled illegal forfeit all prize money, awards, and points earned for that event, and are deemed disqualified.

C. Illegal parts

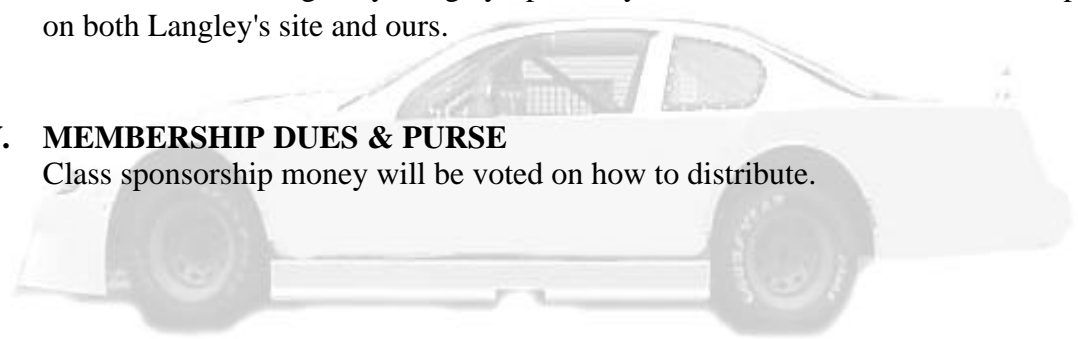
1. Any illegal part will be turned over to the PRO-SIX Tech Committee for further review.

XIII. POINTS

Points will be managed by Langley Speedway for the 2008 season, and will be posted on both Langley's site and ours.

XIV. MEMBERSHIP DUES & PURSE

Class sponsorship money will be voted on how to distribute.





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XV. LICENSES AND ELIGIBILITY

- A. Driver must meet the track's minimum age requirement, submit a fully executed and signed Minor's Release, obtain a special license from the tracks as required, and be evaluated and approved by the PRO-SIX Owners' Committee before participating in any Scheduled race.
- B. Age requirements and licensing for each race track may require additional forms and/or fees.
- C. ALL NEW DRIVERS TO THE PRO-SIX SERIES must practice at least twice prior to their first race and be evaluated by the Directors of the PRO-SIX Series. Drivers may be requested to submit to and pass driving ability tests conducted by and at the discretion of Track Officials and the PRO-SIX Association. New drivers must start at the rear of the field until the Owners' Committee feels you can safely control your car in race conditions.
- D. At any time during the racing season drivers may be required to obtain additional practice time before participating in any Scheduled race.
- E. For additional information, please refer to Section 3 of the "NASCAR Rule Book, Exide Shorttrack Series, Charger Division".

VI. AMENDMENTS

These rules are subject to amendments at any time when ample notice has been given to hold a meeting with a majority of members present to vote on suggested

For information regarding these rules you may contact any of the following Board

J.B. Sipe (804) 271-0172

D. J. Watson (804) 651-4502

Ken Swindell (804) 690-5373