

Southern Raceway 2008 STINGER RULES

If you currently drive full time in another class other than Stinger, or have driven full time in the past two years in another class, you are not allowed to race in this class.

Bodies & Frames

1. Any make or model front wheel drive 4-cylinder only. NO EXCEPTIONS
2. May run all-wheel-drive/4-wheel-drive cars if rear drive shaft is removed. NO EXCEPTIONS. Car must pull with front wheels only. This will be checked before the race begins.
3. May be 2 or 4 door; hatch back, sedan, station wagon, etc.
4. No turbo or supercharged cars allowed
5. No NOS or other performance enhancing devices allowed.
6. All glass must be removed. Including lights.
7. All burnable upholstery must be removed, [except driver's seat may be utilized though it is highly recommended that a racing seat be installed.](#)
8. [May replace stock dash with sheet metal dash](#)
9. All exterior chrome and molding or anything that can come off the car must be removed.
10. Battery may be moved to a more secure location. If in driver compartment, then must be in marine type box.
11. Remove the insulation under the hood.
12. Must have 20" number on each side and 20" number on roof of car for scoring.
13. External parts may be removed such as A/C compressor and dehydrator, PS pump, etc... **Absolutely no performance parts may be added to the engine with the exception of spark plugs and air filters.** Air filters MUST utilize STOCK air box.
14. All ECM's (computers), including chips, MUST be OEM Stock for year, make and model of car. **Absolutely NO aftermarket performance chips!**
15. All cars MUST have stock bumpers front and back. Damaged body parts may be covered with sheetmetal or plastic provided original body remains underneath repaired areas.

Safety

1. Must have serviceable fire extinguisher [located within reach of driver.](#)
2. Must have window net on driver's side.
3. [All cars must have a minimum of a 4-point roll cage with a minimum of 3 driver side door bars.](#)
4. Must use 4 or 5-point safety harness.
5. May use a racing seat ([highly recommended](#)).
6. Gas tank may be replaced with a fuel cell, but must remain "centered" in the trunk area, no offset to either side.
7. If gas tank is behind rear axle, then you must install a "U" shaped bar between rear bumper and tank.
8. [All cars should have a minimum of two bars in window in front of driver](#)

9. Recommend screening of window at least in front of driver
10. All roll cage areas that the driver may contact during race conditions must be covered with padding.
11. May install quick release steering wheel for safety considerations however steering column must remain stock.

Suspension

1. All springs/struts must be stock height, size, and rate.
2. OEM type passenger car shocks only. No air shocks. No racing shocks.
3. Stock Bump Stops on suspension.
4. All steering components must remain stock.
5. All wheels must remain straight up and down with no adjusted in camber

Tires and Wheels

1. Must Factory Stock or steel OEM or equivalent wheels, NO RACING WHEELS
2. No mud tires, DOT street tread only.
3. Tires do not have to match each other in size or brand.
4. Wheel size must be factory (if car came with 13" wheels, then you must run 13" all the way around. 14" must run 14", and so on. Cannot run other than stock offset on wheels and cannot run wider than stock wheels.

Transmission & Driveline

1. Automatic or manual
2. Gears must be for year, make, and model of car used.
3. Transmission must be for year, make, and model of car used.
4. If car came from the factory with an automatic transmission, you must use an automatic transmission. If it came with a manual, then you must use a manual.

Engines

1. Engine must be a 4-cylinder only for year, make, and model of car. Cannot interchange engines.
2. If it came with a carb, then you must have a factory carb. No modifications allowed.
3. If fuel injected, then must be fuel injected.
4. Carb must be for year, make, and model.
5. Cannot change any internal or external engine parts other than factory stock or factory replacement parts.
6. Absolutely NO turbo or superchargers allowed!