

Leesville 171 Stinger Rules 2012

If you currently drive or have driven full time in any other class at Leesville 171 Speedway in 2011 you are not eligible to race in this class, exception is if you are 70 years old or older. No driver can be currently driving in any other class and drive in stinger.

Jr. Stinger- Is any driver 14 – 17 years old that has a car that meets the rules below and is not registered in any other class. If it is determined by the officials and staff of Leesville 171 Speedway that a driver, however in this age group, is deemed to be experienced beyond his competition the officials reserve to right to move said driver to Sr. Stinger class.

Sr. Stinger – Is a driver that is age 18 and up and is not registered in any other class and any other driver that has been deemed experienced as stated above.

If the rules don't say you can then you cannot.

Body

1. Any Make, model, front wheel drive, 4-cylinder passenger vehicle.
2. No All-Wheel-Drives unless rear driveshaft is removed. Cars must pull by the front wheels only. This will be checked before races. No 2 seater or mid-engine models allowed.
3. Stock VIN Plate must remain on vehicle and be legible in order to be decoded.
4. May be 2 or 4door, hatch back, sedan, station wagon, etc.
5. No turbo or supercharged cars. No rotary engines.
6. No NOS or other performance enhancing allowed.
7. All Glass must be removed
8. All burnable upholstery must be removed, Aluminum or Metal racing seat is required no plastic or fiberglass seat. Seat must be welded to the role cage not to the floor.
9. All exterior chrome or molding that can come off the car, all glass, antennas rear view mirrors, etc. must be removed.
10. Battery may be moved to a more secure location if in the driver's compartment, it must be enclosed in a marine style battery box.
11. Remove the insulation under hood.
12. Must have a 20" number on each side and a 20" number on top for scoring.
13. External engine parts may be removed such as Air Compressor, Power steering pump, etc.
14. Absolutely no Aftermarket parts, chips, or computer modifications. Air box must be stock and in stock location.
15. Cars must have bumpers front and back. Damaged body parts may be covered with sheet metal or plastic if original body remains underneath repaired areas.
16. No metal whatsoever will be allowed to be cut or hulled out anywhere on the car with the exception of to clear the 3 bars in the divers side door and the roof. No boxing in of passenger compartment, officials and safety workers must be able to remove you from either side of car. Stock floor pan, front and rear firewalls must be maintained.

17. No additional weight can be removed from car, no weight can be added to car.
18. Both trunk and Hood hinges must be stock, in stock location and working to facilitate lifting the hood and trunk for inspection. You must have a minimum of 2 hood pins and trunk pins in order to hold hood and trunk down. No removal of under hood and trunk reinforcements allowed.
19. Doors must be welded shut. Holes created by removing the headlamps and tail lamps must be covered by some type of expanded or sheet metal.
20. Factory stock rear spoilers are allowed no aftermarket spoilers no ground effects and/or skirting. Minimum ground clearance 4 1/2 inch.
21. All cars must have a wrecker loop or chain on front and back for the wrecker to hook up to.

Suspension

1. All springs/struts must be stock height, size, and rate.
2. OEM passenger shocks only. No Air Shocks. No Racing Shocks
3. Stock bump Stops on suspension.
4. All Steering Components must remain stock with exception of a steering wheel release.
5. Wheel base must be same on both sides.
6. Longer wheel studs are allowed, and larger 1" lug nuts are recommended. All lug studs must be in its place and working. Ex. If your car came with 4 lugs you must have 4 per wheel with nuts.
7. Racing wheels are permitted with or without bead locks max 8in wide. Racing tires are allowed. All tires must have a min of 25lbs of air pressure. Bead lock wheels will be allowed to run 15 lbs air pressure min., Checked in tech after the race by our gauge if you have question ask tech official to check it before the race.
8. Front Fenders can be cut only enough to clear tires; edge needs to be rolled under, in order not to make a sharp edge.
9. No wheel spacers allowed.
10. All four brakes must be in working order and operating.
11. No Recap or retreads allowed.

Safety

1. Minimum of 4 point roll cage with 3 bars on the driver's side parallel to the ground equally spaced, 2 down bars to the rear, one bar across the down tubes at the top of the windshield with a bar going across the top of the windshield with another going from the top of the windshield to the top of the roll bar. All bars and pipes must be 1 1/2 in diameter with a min wall thickness of .083 (no splicing in the main loop) Must be welded to the frame or uni-body not bolted. Low carbon mild steel, seamless tubing is recommended. No bars will extend outside of car. Drivers head with helmet will not go above roll cage.
2. Min of 3 bars in front of driver to protect against flying debris, added screen on the bars is recommended.

3. Fire extinguisher at least 2 pound with gauge, permanently mounted within reach of the driver while belted in the seat is required.
4. Window net with appropriate hardware is required on the driver's side.
5. Must use 5 point safety harness securely mounted to the roll cage with 3/8" grade 5 or better bolts.
6. Fire Retardant suit 1 or 2 piece and a Snell 98 rated or better approved racing helmet required. Neck brace is highly recommended.
7. Aluminum or metal racing seat is required and must be mounted to the roll cage, no floor mounted seat, no plastic or fiberglass seat.
8. All cars must have emergency shut off switch marked and in easy reach of safety officials.

Engine

1. Engines must be stock for make model year of vehicle and in the original OEM stock location with motor mounts. Engines must match VIN number plate.
2. No aftermarket parts allowed on car.
3. No Turbo or Rotary Engines allowed.
4. Fuel injection or throttle bodies are allowed if they are original for that year, make, and model as per the VIN plate decoding.
5. No modifications allowed to engines, factory stock in all aspects.
6. A/C Compressors, smog pumps and other accessories with their belts may be removed.
7. Stock ignition systems for year, make, model, as decoded by VIN. No racing of performance enhancing units allowed.
8. All cars must have working starter, be able to go in forward and reverse under its own power.
9. Radiators must be factory stock in the stock location. No racing radiators allowed. You can remove the Condensers.
10. Must have factory exhaust manifold, tail pipes must extend past driver's seat, cat convertors and muffler may be removed.
11. No Antifreeze or coolant except for bio-degradable coolant or water.
12. Pump Gas ONLY.

Transmission

1. Automatic or Manual, must be for the make, model of car according to the VIN Plate.
2. Gears must be for year, make, Model, of car.
3. If your car came factory with automatic you must stay with automatic if your car came with a manual then you have to use a manual transmission.

This class is intended to be a learning, fun class it is up you the owners/drivers to keep it this way. Track officials are free to interpret these rules, if there is a question ask. Minimums are just that Minimums, and the maximum parameters are just that maximum if you play right on the line you accept the consequences.