

LACROSSE FAIRGROUNDS SPEEDWAY

2024 RULES

NASCAR HORNETS

Updated 1/31/2024

1. ELIGIBLE MODELS

1. Any 3-cylinder or 4-cylinder compact car.
2. Maximum wheelbase of 103". (Wheelbase exceptions must be approved by Speedway)
3. A minimum wheelbase may be established for the 2025 season and beyond.

2. INTERIOR

1. Dash, steering and pedals must remain stock. (Dash may be altered to accommodate any roll cage)
2. Folding seatback fastened in position.
3. Racing seats allowed. Quick release steering wheels allowed.
4. Interior floor pan must be complete. No holes.
5. All airbags must be removed.

3. BODY

1. Sun roof openings must be closed with steel.
2. Remove all glass except windshield. Broken glass must be cleaned from inside car before arriving at speedway.
3. Driver's door must be chained or welded shut. Driver's door plate required if roll cage does not have door bars (see roll cage)
4. Passenger door must be welded or chained.
5. Front and rear bumpers may be replaced with aftermarket products. Both front and rear bumpers may be reinforced.
6. Hood and trunk must be secured with hood pins only. All factory hood and trunk latches may be removed. Hood may be debraced.
7. No gutting of steel body panels.
8. Working third brake light optional.
9. Minimum ride height of 4.5".

4. ENGINE COMPARTMENT

1. Stock engine for that make and model from carburetor to the exhaust manifold.
2. Stock transmission.
3. All insulation under hood must be removed.

4. Battery can be relocated. If relocated, it must be placed behind the drivers' seat. All batteries must be secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware with large head washers.
5. **Exhaust must be complete and leak free.** Maximum size of 2" O.D. must run from engine to an area behind the driver. Mufflers are required to retain any sound below 96dba.

5. SUSPENSION

1. Steering must remain stock with no modifications
2. Springs may be replaced but no other modifications allowed to existing stock spring buckets. Any evidence of cutting, moving or changing the geometry of the stock buckets will result in not passing tech. Tabs or other retainers are allowed in stock buckets to hold springs in place.
3. 1" camber allowed. See Tech Man for system used to measure camber.
4. Maximum 1" toe in or toe out allowed.
5. Minimum ride height of 4 1/2". A tolerance will be applied if the OEM ride height is lower. Exhaust not included in measurements.
6. A strut bar is allowed.

6. COOLING SYSTEM

Any radiator allowed which will fit in stock mounts. An overflow container mounted in engine compartment. Water only in radiator. No anti-freeze.

7. GAS TANK

If gas tank is ahead of rear axle it may remain in place. If gas tank is behind axle, it must be placed with a fuel cell or marine tank (max. 6.6 gal.). Must be secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware. Must be covered in hatchback in a metal case.

8. TIRES / WHEELS

1. Tires may not have a retail value (to all) greater than \$80.
 1. No racing tires. No autocross, no SCCA approved tires, no competition DOT. All tires subject to Speedway approval. **Rating must be present on tire.**
2. Maximum footprint of 7". Tires must have same size and profile on all 4 corners.
 1. Wheels must be of same size. Aftermarket racing wheels allowed. Wheels stock off-set or not to exceed 4".

9. WEIGHT

1. Weight distribution must remain as stock.

2. A minimum weight of 2200 lbs. for single overhead cam cars.
3. A minimum weight of 2400 lbs. for dual overhead cam cars.
4. Any ballast added must be within 18 inches of centerline of car. Note: Door plates are not considered ballast and can be added to both sides of car.
5. Weight reductions or additions may be implemented based on the engine's horsepower as determined by manufacture.

10. SAFETY

1. Helmet must meet minimum DOT standard, suggested Snell approved. Gloves and long sleeves required.
2. Fire extinguisher required. 2 lb. BC rated mounted in quick release bracket within reach of driver.
3. Window nets required. Racing seat belts are recommended.

11. ROLL BAR AND SIDE BARS

1. All vehicles must be equipped with a roll bar. The material used must be 1 3/4 x .095 or better milled steel. No pipe fittings, exhaust pipe, or conduit.
2. Door bar or plate REQUIRED.
3. The roll bar must be located directly behind the driver and reach as close as possible to the roof and the left side of the car.
4. Two support bars must be added to roll bar to form a triangular, strong structure.
5. Driver compartment bracing must remain inside the driver's compartment and may not dissect, bisect or pass through either the engine or trunk firewall. Such bracing may be installed as a safety feature only and may not reinforce the body or frame or alter the geometry of the car.
6. Roll bar installation is subject to inspection which will be closely scrutinized. Refer to illustration for possible designs.

NOTE: Four door hardtops (no door post must have door bars or plate as described below. A flush, securely mounted exterior driver's door protection plate is permitted as an option.

NOTE: Plate must be same color as car body (entire door area may be white) and properly numbered.

NOTE: The plate should over-lap the front and rear door edges by at least 12 inches.

12. CAR NUMBERS

1. Minimum 18" high numbers in contrasting color on both doors and roof.

2. 6" number on upper right corner of windshield and on back of trunk – right side above tail light.
3. NO spray painted or “duct” tape numbers. Cars with non-legible numbers will not be scored.

13. GENERAL

All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car FREE of defects and in safe racing condition.

14. CLAIM RULE

1. Management has the right to claim any car at any time. The Claim amount is \$600 for a Hornet. Drivers may keep seat belts and racing seat.
2. If you refuse a legal claim, you will forfeit any points, trophies and prize money for the entire season. Car and driver will be ineligible to compete for the remainder of the season.

15. MISCELLANOUS

1. Scanners required. Frequency is 454.000. Transponders required. Location of unit determined by track.

END OF HORNET RULES SECTION