



2025 Mini Stock Rules

These rules are in effect as of February 22, 2025.

This publication supersedes all previous LVMS rule books and rule updates. LVMS reserves the right to alter or amend these rules and regulations in the interest of safety, cost control, and/or fair competition. It is the responsibility of each competitor to read and understand the contents of this rule book. If there is a disagreement or dispute regarding the meaning or application of the rules, the decision of the Bullring's Chief Technical Inspector and/or Manager shall prevail.

The rules and regulations set forth herein are designed to provide for orderly conduct of racing events and to establish minimum requirements for such events. These rules shall govern the conditions of LVMS short track events, and by participating in these events, all participants, guests, crew members and staff are deemed to have complied with these rules and/or regulations. No express or implied warranty of safety shall result from publication of, or compliance, with these rules and regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants, spectators or others. In the event of a serious or fatal injury, LVMS reserves the right to impound race cars for review and evaluation, and may exercise this right at any time. The Chief Technical Inspector and/or Manager shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that, in his opinion, do not alter the minimum acceptable requirements. No pretense is made for having designed a foolproof set of rules and regulations. The spirit and intent of the rules is the standard by which LVMS short track events will be governed. LVMS tech officials are authorized to decide if an equipment change or modification is an attempt to circumvent these rules. LVMS officials can and will disqualify a race car in violation of the spirit and intent of these rules. Note: If this rule book does not specifically state that you can alter, change, or otherwise modify something on your car, you should consider it a violation of these rules. Illegal components may be confiscated and become the property of LVMS. No part is deemed to have been approved by LVMS by passing through prior technical inspections.

All participants, guest and crew members fully understand that racing is inherently dangerous and that they are exposed to risks of death or serious bodily injury; the participants, guest and crew members voluntarily assume these risks at all times.

1. COMPETING MODELS AND BODIES

A. Eligible Cars:

- Any 1970 or newer American or Foreign 2 or 4-door hardtop car with a minimum 90" wheelbase.
- No Jeeps, high-performance models, rear or mid-engine cars.
- Allowed engines: 3 or 4-cylinder, or 2-rotor engines.
- Front wheel drive only

B. Body Specifications:

- Must maintain stock OEM body for year, make, and model.
- Fiberglass, steel, or aluminum complete stock-appearing bodies approved.
- No carbon fiber, Kevlar, or titanium parts.
- Stock roof required.
- Hood and deck lid pins are mandatory.

- Full stock steel floorboards and firewalls in stock location. Rear trunk may remain open.
- 4" x 50" rear spoiler allowed.

2. BUMPERS

A. Front and Rear Bumpers:

- Stock or fabricated bumpers required.

3. WINDOWS

A. Windshield:

- Lexan windshield with a minimum thickness of 1/8" allowed.
- Must be supported by 2 metal straps (1/8" x 1") or 1.5" bar welded between dash and roof halo bars.
- Wire screen mesh allowed.

B. Rear/Side Windows:

- Rear Lexan or aluminum side windows allowed.
- No glass back window allowed. Lexan back window allowed.
- Driver side window net with quick release required.
- Rearview and driver side mirrors mandatory.

4. FRAMES

A. Roll Cages:

- Full NASCAR-type roll cages mandatory (minimum of 1 1/2" O.D. x .090" wall thickness).
- Minimum of three (3) door bars required on both sides.
- Right side door bars can be straight.
- Roll cage uprights must be fastened to the floor with a 1/8" thick plate (minimum 4" square, above and below the floor with four 3/8" grade 8 bolts).
- Roll bar padding required where driver may make contact, and driver door must be padded.
- Fuel cell protector required.
- Two tow hooks placed in the engine compartment required. Painted Yellow recommended.

B. Engine Placement:

- Engine must remain in stock location.

5. WEIGHT, WIDTH, AND WHEELBASE

A. Weight Requirements:

- Minimum weight: 2300 lbs.
- Maximum 55% left side weight at any time.
- All ballast must be a solid mass. Ball bearings, steel shot, and sandbags (or similar) are not allowed.
- Additional weights must be painted white and clearly marked with car number.
- Ballast must be securely mounted to chassis or roll cage in a manner that will not allow it to become detached during any on-track activity.

B. Wheelbase:

- Minimum: 90" (must remain as factory-produced).

C. Width:

- Maximum overall track width: 72" outside to outside (front or rear).

6. ENGINE

A. Engine Specifications:

- Must be stock for make, and model (no turbo or superchargers).
- Maximum displacement of 2.5L - Steel rods only.
- Maximum compression ratio: 11.0 to 1.

- Aftermarket oil pans, valve covers, and water pumps allowed.
- No billet camshafts or lightweight crankshafts.
- Stock cylinder heads only; no modifications, porting, or polishing allowed.

7. INTAKE & AIR FILTERS

A. Intake:

- Stock type fuel injection.
- Stock intake manifolds.

B. Air Filters:

- Aftermarket filters permitted.

8. COOLING & EXHAUST SYSTEMS

A. Cooling:

- Stock or electric fans allowed. Water overflow catch can required.

B. Exhaust:

- Aftermarket exhaust manifolds and headers are legal.
- Exhaust must exit behind driver.

9. DRIVE TRAIN

A. Clutch & Flywheel:

- Stock type clutch and flywheel.

B. Transmission:

- Stock manual or automatic transmission.
- No welded or Limited Slip Differentials. Open Diffs only.

10. SUSPENSION & BRAKES

A. Suspension:

- Stock OEM lower control arms, spindles, and steering components only.
- Shocks/Struts must be stock or OE replacement. No racing shock/Struts. No adjustable shocks/Struts.
- Racing springs allowed.

B. Brakes:

- 4-wheel hydraulic brakes required (stock steel calipers).

11. SAFETY EQUIPMENT

A. Seats & Harness:

- Aluminum high-back racing seat required, securely bolted in four locations.
- Five-point safety harness mandatory.

B. Helmet & Fire Suit:

- Snell SA2015 helmet required.
- Two-layer fire suit recommended, along with Nomex helmet skirt and gloves.
- SFI approved head and neck restraint device is recommended.

12. ELECTRICAL SYSTEM

A. Ignition:

- Stock ignition only (no performance aftermarket components).
- Stock ECU. No stand alone or aftermarket ECU.

B. Battery & Master Switch:

- Battery must be securely mounted in the body (in an insulated container).
- Non spillable batteries are recommended.
- Master electrical switch must shut off the car and be reachable from the left side.

13. FUEL SYSTEM

A. Fuel Tank:

- Racing fuel cell required if OEM gas tank is behind the rear axle.
- Must be mounted with steel framework and enclosed in an 18-gauge steel box.

14. TIRES & WHEELS

A. Tires:

- Any DOT street legal tire permitted. No Hoosier Tires. No Racetrack and Auto Cross Only tires. No less than 200 UTQG/Treadwear Rating.
- Maximum tire width is 215mm.
- The maximum purchase price for any single tire used in competition is \$135.00 retail, and they must be readily available to all competitors. Please be prepared to show proof of purchase.

B. Wheels:

- Steel or aluminum wheels only. Max width: 7" (maximum 17" diameter).

15. APPEARANCE & IDENTIFICATION

A. Car Appearance:

- All cars must maintain a neat appearance. Cars must have stock appearing bodies and look like the make and model car they are.
- 18" tall numbers on the roof and doors.
- All numbers must be legible and visible in contrasting colors.

B. Advertisements:

- No offensive advertising allowed.

16. COMMUNICATION & ELECTRONICS

A. Radio Communication:

- No Two-way radios.
- All cars must be equipped with a one-way radio monitoring the Speedway race control frequency. All drivers must be able to monitor all communications from race control at all times while their car is on the track during an event.

B. Transponders:

- Transponders mandatory (mounted on the right rear frame rail, 12" behind the rear axle). Page 5 of 5

Illegal components WILL be confiscated by LVMS and become property of the speedway.

LVMS reserves the right to adjust the rules at any time in the interest of safety and maintaining an even playing field, including adding weight, a restrictor plate or a chip change. All race procedures will continue to follow LVMS Bullring Rulebook.