



**V6 THUNDER RULES**  
Last Updated April 6/2026

**DISCLAIMER**

These rules and/or regulations are designed to ensure racing events' orderly conduct and establish minimum requirements for such events. These rules shall govern the conditions of all events. Participants agree to be bound by these rules by participating in these events.

**PUBLICATION OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS DO NOT IMPLY ANY WARRANTY OF SAFETY.**

They are only intended as guides for the conduct of the sport and are in no way a guarantee of safety for a participant, spectator, or official. It shall be the race director's authority to permit minor deviations from the specifications herein to impose any further restrictions that in his/her opinion do not alter the minimum acceptable requirements.

**SUCH ALTERATIONS OF SPECIFICATIONS DO NOT IMPLY ANY WARRANTY OF SAFETY.**

Any interpretation or deviation from these rules is left to the officials' discretion. Their decision is final.

## BACKGROUND – V6 THUNDER

- **6 Cylinder front-wheel drive cars only**
- **No 4 Wheel Drive vehicles.**
- **No Turbocharged or supercharged cars are allowed.**
- If a Driver wins 2 consecutive features, Driver then will start the next feature at the tail of the field.
- This is a low contact class. Any driver making intentional or heavy contact with another car will be black-flagged. If the same driver receives a second black flag they will receive a suspension for the following event. Further black flags will receive additional suspensions.

## RULES

- **Any V6 FWD car 250hp or less from the factory. Must have OBD2 working and VIN visible.**
- The engine, transmission and suspension must remain stock except for modifications that follow these rules.
- No HP Tuners or any other tuning devices/products.
- Minimum 4 point roll cage. Steel tubing must be 1 ½" diameter and .125 wall thickness or 1 ¾" diameter and 0.095 wall thickness..
- **The driver door cross bar and interior metal must remain intact unless a full roll cage is installed.**

**Diagram of Four point roll cage – All connections must be fully welded.**



- A driver-side door plate is **Mandatory** (No Grader Blades or Cutting Edges). It will be a minimum 3/16" steel plate (At least 16" wide) if contoured (rolled, not cut and re-welded) with the body, installed on the outside of the driver's door. The center of the plate must follow an imaginary line from the top edge of the front and rear bumpers. It must extend ahead of and behind the door and be bolted through the door frames ("A"

and “B” pillars) with a minimum of four carriage bolts. The bottom of the plate should be as close to the rocker panel as possible. The plate should follow the contour of the body and must be painted the same colour as the car.

- Factory seats with a 5 point harness are acceptable. An aluminum racing seat is recommended but not required.
- 5 point racing harness requires Grade 8 ½ bolts.
- A window net is required.
- A fire extinguisher is required.
- The body must be presentable at all times, with no sharp edges. Lettering must be in good taste and neat.
- Doors must be welded securely – at least (4) 1” welds per door.
- All metal work must be welded or riveted. **No sheet metal screws are allowed.**
- No adding lead weight or placing weight.
- **All cars must be weighed at the tech shed on their first appearance of the year.**
- **Cars may also be checked at the discretion of tech staff during the year.**
- **The track reserves the right to enforce weight rules as seen fit for fair competition.**
- All Glass, plastic, interior, and exterior flammable materials must be removed. Original dash may remain.
- Rub rails are permitted and must extend no further forward than the rear of the front wheel opening and no further rearward than the front of the rear wheel opening, and must be flat to the doors. Rails must be a maximum of 1 ¼” x 1 ¼” bar welded or bolted to the roll cage. **No sharp edges allowed. You must use carriage bolts or round-headed bolts or be welded securely to the body.**
- The gas tank must have a safety chain and must be installed under the tank running front to back to catch the tank in case the original strap breaks.
- The serial or ID number on the top of the dash on the car must not be removed or tampered with, the factory diagnostic connectors must be working and present.

## SUSPENSION

- Must remain absolutely stock for that make and model.
- Heating or cutting stock springs are allowed.
- **Spring rubbers are permitted.**
- **You can use a maximum of 2 OEM bump stops on each corner of the car.**

## TIRES AND WHEELS

- No aluminum rims.
- All rims must be the same size.
- **The maximum rim width is 7". Must run the same offset on all 4 rims.**
- **Mixing tire sizes are allowed, within the following sizes and series:**
  - **A maximum width of 235.**
  - **A sidewall between 55-65.**
- All Tires must be DOT approved.
- Tires cannot be softer than 360 treadwear Must be visible (marked with paint) on the outside of all 4 tires before coming too tech.
- No Dual compound tires.
- **No snow tires are permitted.**
- **No studded tires are permitted.**
- **No tire shaving is permitted.**
- **No more than one tire may measure 7/32" tread depth or greater.**

## EXHAUST

- A single stock-sized exhaust pipe with a maximum of 2.5" must be attached to the stock manifold and remain the same size until it exits. Exhaust must point away from the fuel tank.

## AIR BAGS

- All airbags must be removed, not just disconnected.

## SAFETY REQUIREMENTS

- One-way receiver radios to tower only are mandatory.
- A fireproof driver's suit, gloves and shoes are required. Nomex suits are recommended.
- The driver and suit must maintain a clean-looking appearance.
- DOT or SNELL approved full-face helmets are mandatory.
- All safety equipment and radio must be in use during all practice and race events until the car is parked in the pit area.

**All rules are subject to change.**

Contact track officials for any questions or concerns.

