



## **2021 SYDNEY SPEEDWAY**

### **V6 THUNDER RULES**

**Last Updated (April 4, 2021)**

*DISCLAIMER The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum requirements for such events. These rules shall govern the conditions of all events, and by participating in these events, participants are deemed to have complied with all of these rules.*

***NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH, THESE RULES AND/OR 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 a participant, spectator, or official. The Race Director shall be empowered to permit minor deviations from any of the specifications herein or to impose any further restrictions that in his opinion do not alter the minimum acceptable requirements.*

***NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS.***

*Any interpretation or deviation of these rules is left to the discretion of the officials.*

*Their decision is final.*

## BACKGROUND

- 1.0 6 Cylinder front wheel drive cars **ONLY**
- 1.1 North American original builders only – **GM, Ford or Chrysler**. These vehicles are to remain stock for make, model and year.
- 1.2 The engine, rear end (or transaxle) and transmission must remain stock, with the exception of the modifications that follow.
- 1.3 **NO 4 WHEEL DRIVE VEHICLES!**
- 1.4 **NO TURBO CHARGED OR SUPER CHARGED CARS ALLOWED!**
- 1.5 *Previous weeks Feature Winner starts tail in heat and Feature the following week*
- 1.6 *This is a low to no 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 1 week suspension. Further black flags will receive additional suspensions*

**\*\*Claimer rule will be in effect to keep costs in line and cars truly stock\*\*.**

## RULES

- 2.0 One way Raceiver Radios are mandatory
- 2.1 Any 6 Cylinder FWD Car GM, Ford or Chrysler – no turbo or super charged cars allowed.
- 2.2 Minimum 4 point roll cage with one driver door bar and one passenger door bar required. Steel tubing must be 1 1/2" diameter and .125 wall thickness or 1 3/4" diameter and .095 wall thickness
- 2.3 A driver's side doorplate is required. It will be a minimum 3/16" steel plate (at least 16" wide) if contoured (rolled, not cut and re-welded) with body, installed on the outside of the driver's door. Non-contoured plate must be minimum 3/16" thick. The center of the plate must follow an imaginary line drawn from the top edge of the front and rear bumpers. It must extend ahead and behind the door and be bolted through the doorframes ("A" and "B" pillars) with a minimum of four carriage bolts. Bottom of plate

should be as close to the rocker panel as possible. Plate should follow the contour of the body and must be painted the same color as the car

- 2.4 Factory seats with a 5 point harness is acceptable, A aluminum racing seat is recommended but not required.**
- 2.5** 5 point racing harness required Grade 8 1/2 bolts
- 2.6** Window Net is required
- 2.7** Fire Extinguisher required
- 2.8** Body must be presentable at all times. Lettering must be in good taste and neat.
- 2.9** Doors must be welded securely - at least four (4) 1" welds per door.
- 2.10** All inner steel panels must be retained except for roll cage clearance
- 2.11** All metal work must be welded or riveted. No sheet metal screws anywhere.
- 2.12** All glass, plastic, interior and exterior flammable materials must be removed. Original Dash may remain.
- 2.13** Rub rails are permitted 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 1 1/4" X 1 1/4" bar welded or bolted to roll cage. No sharp edges. You must use carriage bolts (or round-headed bolts) or be welded securely to the body.
- 2.14** Gas tank must have A safety chain must be installed under the tank running front to back to catch the tank in case the original straps break
- 2.15** Serial or ID number on the top of the dash on the car must not be removed or tampered with, factory diagnostic connectors must be working and present.
- 2.16** No Aluminum wheels
- 2.17** SUSPENSION: Must remain absolutely STOCK for that make and model.
- 2.18** Tires and Wheels: 55-70 series tires NO ALUMINUM WHEELS. No intermixing of wheel size is permitted. All tires must be the same size. No V rated tires. All tires must be DOT approved, no softer than a 360 tread wear and no dual compound tires. Stock passenger wheels (unmodified) only. Must run same offset on all 4 wheels. All 4 wheels must be same. Maximum wheel width is 6" on front and rear. No chemical treating of tires (i.e. Compound Altering / Tire softening). Tires will be subject to durometer testing.

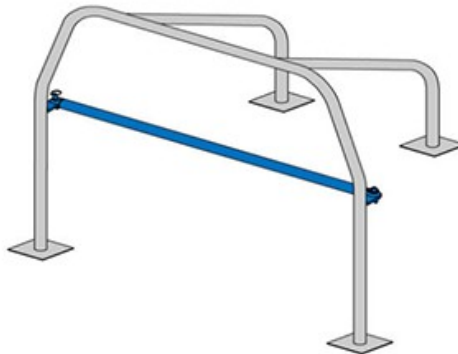
Failure to comply will lead to penalties/suspension

- 2.19 Exhaust- A single stock sized exhaust pipe Max 2.5 must be attached to the stock manifold and remain the same size until it exits. Exhaust must point away from fuel tank.
- 2.20 All air bags must be removed, not just disconnected.

## **SAFETY**

- 3.0 Fireproof drivers suit, gloves, and shoes are required, Nomex suit is recommended. The driver and suit must maintain a clean looking appearance.
- 3.1 **Any DOT or SNELL approved full faced helmets are mandatory.**
- 3.2 All safety equipment and radio must be in use during all practice and race events until the car is parked in the pit area.

***Diagram of Four Point Roll Cage – all connections must be fully welded***



***Contact track officials for any Questions or Concerns.***

***All Rules are Subject to Change.***