



# 2025

## SECTION 10 - Hornets and Jr Hornets

### 1. Driver Eligibility:

- 1.1. Final decision is subject to track approval
- 1.2. Jr. Hornets
  - 1.2.1. Must be at least 12 years of age or demonstrate ability.
  - 1.2.2. Beginner, no experience class
    - 1.2.2.1. Younger drivers may be moved to the Hornet class upon demonstration or gain of experience.
  - 1.2.3. demonstration or gain of experience.
    - 1.2.3.1. Drivers age 12 – 16 must have an adult present at staging.
  - 1.2.4. Hornets
  - 1.2.5. Must be at least 18 years of age or demonstrate ability.

### 2. Eligible Cars:

- 2.1. Any 3 or 4 cylinder front wheel drive car with a maximum wheelbase of 106" and with a complete stock engine, body, frame and suspension for that year, make and model..
- 2.2. NO rotary engines. NO mid-engine or turbo cars allowed.
- 2.3. NO 4-wheel, all-wheel, or front wheel drive cars allowed.
- 2.4. NO mid or rear engine cars allowed.

### 3. MINIMUM SAFETY & PPE

- 3.1. PERSONAL PROTECTIVE GEAR, see SECTION 5 - MINIMUM EQUIPMENT AND SPECS
- 3.2. ROLL CAGE - 4 point cage allowed, roll bar required, see SECTION 5 MINIMUM EQUIPMENT AND SPECS
- 3.3. Other minimum Specs, see SECTION 5 - MINIMUM EQUIPMENT AND SPECS

### 4. Car Specifications:

- 4.1. Cars must remain factory stock; No modifications, alterations, or additions allowed unless specifically stated within these rules
- 4.2. Computer settings must remain factory stock.
- 4.3. Quick release steering wheels are highly recommended.
- 4.4. If stock gas tank is forward of rear axle, it may remain in place.
  - 4.4.1. Tank must have two front to rear straps on top and around bottom of tank.



4.4.2. One side to side strap is required in the same fashion as the front to rear straps.

4.5. If stock gas tank is behind rear axle, it must be replaced with a commercially produced fuel cell. see SECTION 5 - MINIMUM EQUIPMENT AND SPECS

#### **4.6. Frame**

4.6.1. No modifications, alterations, or additions allowed unless specifically stated within these rules

4.6.2. Complete bumper to bumper steel frame and uni-body must be retained. NO lightening permitted

#### **4.7. Bodies**

4.7.1. Cars must retain their stock appearance, no cutting, chopping, channeling, or shortening permitted.

4.7.2. All stock steel unaltered floor pans, firewalls, trunk compartment, wheel wells must be retained.

4.7.3. Complete hood and trunk lids are required.

4.7.4. All air bag sensors must be removed.

4.7.5. All OEM body parts must remain intact.

4.7.6. NO aftermarket body panels allowed.

4.7.7. Aftermarket bumper covers allowed.

4.7.8. All doors must be welded, bolted, or chained shut.

4.7.8.1. Under NO circumstances are driver doors allowed to open and close.

4.7.8.2. Driver's door plate or grater blade is required.

4.7.8.3. Removal of window assembly is allowed.

4.7.9. Front & rear bumpers are required.

4.7.9.1. Bumper ends must not exceed body width and must be strapped with 3" x 1/8" steel strap to the fender on front and rear of the car regardless if exposed or covered.

4.7.9.2. Blunt or sharp ends will not be allowed.

4.7.10. Hoods

4.7.10.1. Replace stock hood latch with a minimum of 2 pins.

4.7.10.2. Remove all under-hood insulation.

4.7.10.3. Removal of hood bracing is recommended.

4.7.10.4. Stock hinges must remain and the bracing for hinges must remain and a minimum of 2 pins are required.

### **5. ENGINE and DRIVE-TRAIN SPECIFICATIONS**

5.1. Engine



- 5.1.1. Engine must be stock for the make and model and in the original motor mounts
- 5.2. Transmission and Drive-Train
  - 5.2.1. Stock transmission and stock unaltered rear end for that year, make and model required.
  - 5.2.2. 1" inspection hole is required in bell-housing or dust cover to check fly wheel.
  - 5.2.3. RWD cars must have 2 driveline hoops. Must be made from a minimum 2" x 3/16" strap.
    - 5.2.3.1. Rear hoop must be a full circle hoop
  - 5.2.4. Driveline must be painted white with car number on it in a contrasting color.
- 6. **Fuel Delivery**
  - 6.1. Computer settings must remain factory stock.
  - 6.2. Stock carburetor/fuel injection system for that year, make and model required.
    - 6.2.1. Two throttle return springs required.
    - 6.2.2. No aftermarket metering blocks.
    - 6.2.3. Changing of squirters, jets and power valves is allowed.
    - 6.2.4. Removal of choke plant is mandatory.
    - 6.2.5. Air cleaner required.
    - 6.2.6. Gasoline or E85 pump fuel only. NO alcohol, methanol or race fuel allowed.
    - 6.2.7. Electric fuel pumps allowed.
    - 6.2.8. Must be wired to shut off with the master switch.
    - 6.2.9. If mounted in the rear area, pump must be protected by a skid plate.
    - 6.2.10. Must be equipped with an oil pressure shut off override or inertia switch.
- 7. **Suspension**
  - 7.1. No modifications, alterations, or additions allowed
- 8. **Car Weight**
  - 8.1. Added or removable ballast weight is NOT permitted.
  - 8.2. No lightening is permitted.
- 9. **Radiator and Cooling**
  - 9.1. Radiator must be mounted in stock location.
  - 9.2. Must have 1 gallon metal or made for racing plastic overflow container. (NO plastic drink bottles, milk jugs, car radiator overflow container, etc.)
  - 9.3. Radiator protection is allowed.



9.3.1. Must be made of 1" square tubing, not to exceed 2" past radiator on all sides.

9.4. Fans must have fan shroud.

9.5. Electric cooling fans are allowed.

## **10. Brakes**

10.1. Must have at least 3 working brakes.

10.2. All brake components must remain in stock location.

10.3. Only 1 master cylinder is allowed

10.4. NO adjustable brake proportioning valves or shut off devices.

10.5. Emergency brake cable must be cut or removed. Subject to track approval.

## **11. Battery and Electrical**

11.1. It is recommended that the battery remain under the hood in stock location

11.2. see SECTION 5 - MINIMUM EQUIPMENT AND SPECS

11.3.

All modifications are subject to track approval