



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
 - 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.

2024

- 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.

2024

- 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