

Section 14 – Hornets

14.1 ELIGIBLE MODELS

14.1.1 Cars must remain **factory stock**-these cars are intended to be **CARS THAT WE RACE NOT RACECARS**.

14.1.2 Any 3 or 4 cylinder car with maximum wheelbase of 104 inches with a complete stock engine, body, frame and suspension for that year, make and model. No modifications, alterations, or additions allowed.

14.1.3 No rotary engines. No mid-engine or turbo cars allowed.

14.1.4 **Stock carburetor/fuel injection system for that year, make and model required.**

14.1.5 Stock transmission and stock unaltered rear end for that year, make and model required.

14.1.6 Third brake light if car was originally equipped must be functional to be eligible for any bonus points.

14.1.7 Car horn must remain and be in working condition to be eligible for any bonus points

14.1.8 Dash, steering, and pedals must remain stock for that year, make and model. Dash may be trimmed for roll bar installation

14.1.9 It is recommended that the battery remain under hood in stock location and be well secured. If the battery is removed from stock location, it shall be secured in a sealed battery box and meet Hornet tech approval.

14.1.10 No bracing anywhere except inside the drivers compartment.

14.1.11 Exhaust must be leak free and extend behind the driver with a functional muffler in place.

14.1.12 Racing seats are highly recommended. Tech approval required on installation. Reinforcement of seats will be subject to tech approval.

14.2 MODIFICATIONS ALLOWED AND/OR REQUIRED

14.2.1 Passenger car tires mandatory on 3 corners and shall be DOT 75, 70, 65 or 60 series only. Wheel diameter maximum is 15" but must be stock of any make. Any car that came from the factory with wheels larger than 15" is approved but all 4 wheels and tires must be identical size (3 if econo tire on 1) (example 205/60/16) Factory ride attitude must be maintained.

14.2.1 (a) One 15" x 23.5 Hoosier econo tire will be approved on one corner of any car (available in 13" 14" & 15" wheel size. Oversized wheel studs on right front spindle allowed.

14.2.2 Front Bumper:

14.2.2.1 Front bumper area may be rebuilt to stock specifications with materials of stock type or equivalent. Reinforcement is not approved. Any rebuilt front bumper area or core support shall be approved by Hornet Tech official. Factory Bumper Cover must be in place.

14.2.3 Gas Tank:

14.2.3.1 If stock gas tank is forward of rear axle, it may remain in place.

14.2.3.2 If stock gas tank is behind rear axle, it must be replaced or contained in the trunk area as far forward as possible. IT IS HIGHLY RECOMMENDED THAT THIS FUEL CONTAINER BE REPLACED WITH A COMMERCIALY PRODUCED FUEL CELL. All fuel container applications must be tech approved.

14.2.3.2.1 Two, front to rear straps on top and around bottom of fuel cell or approved container are mandatory.

14.2.3.2.2 One side to side strap will be required in the same fashion as the front to rear straps.

14.2.3.2.3 Said straps will be made of a minimum ¾" metal flat strap.

14.2.4 **Roll Bar:** A single hoop rear roll bar (behind driver) is required. Roll bar must be welded or bolted in place, attached to car. Four (4) points mounting max. Roll bar padding mandatory on all bars within reach of the driver. Driver door bars are HIGHLY recommended, maximum of 4 evenly spaced on the left side of the 4 point cage.

14.2.5 **Roll Bar alternate:** 2 upright bars required using 1 ¾" (.095") minimum pipe with steel plates on each end for mounting. Mounted vertical from floorboard to roof with no less than 7/16" bolts and washers. Upright bars are required to have at least one 1 ¾" o.d. (.095) minimum kicker bar from the

top of the upright posts down to the floor at an angle, and welded to the upright bars and bolted or welded to the floor at the frame. The upright bars must be connected at the top and welded together by a connecting bar. **Any variation of roll over protection shall be approved by Hornet Tech official.**

14.2.6 **Windshield** may remain if in good condition or may be replaced by lexan or maximum 1" by 1" screen. All other glass, and under hood insulation must be removed. One interior mirror is allowed.

14.2.7 **All doors** must be welded, bolted or chained shut. A driver's door plate is required of no less than 3" wide x ¼" thick steel flat strap extending past the front and rear door seams in the middle of the door skin. The purpose of the strap is to not only keep the door closed but to provide some impact resistance. It is recommended that more than one of these straps be installed. All straps must be installed flat. Grader blade material is highly recommended as strap material.

14.2.8 **Cars color** is optional. Any car that is painted YELLOW with black stripes or BLACK with yellow stripes or GREEN with yellow and black stripes shall receive 10 bonus points at every event that it is entered into. All cars will be neat appearing and damaged body panels must be replaced or repaired.

14.2.9 **Car numbers** must be at least 18 inches tall and in contrasting color on the driver and front passenger doors and a car number on the roof. ((No duplicate numbers allowed.)) **PUT YOUR OWN NUMBER ON THE CAR**

14.2.10 Complete hoods must be secured with hood pins only (unless hood opens from the front) with factory hinges remaining. Any hood that is bolted down, shall have large wingnuts for faster removal by the safety crew and shall have at least two holes cut in the hood, one on each side to allow fire extinguisher access in an emergency.

14.3 **PERSONAL PROTECTION**

14.3.1 Approved helmet, Snell 2000 or SA-2000 minimum requirement. M rated helmets not approved.

14.3.2 4 point racing seat belts required(5point recommended). (3 yr date stamp recommended) Tech approval.

14.3.3 **Long sleeve fire retardant jacket and gloves required, full length Nomex racing suit highly recommended. Long pants and full leather shoe or boot required. No nylon allowed PERIOD. Racing suit, gloves and neck brace highly recommended.**

14.3.4 Fully charged fire extinguisher with gauge must be securely mounted within easy reach of driver required.

14.3.5 Driver's side window net is required. Must be equipped with quick release for driver exit and entry on driver side.

14.3.6 All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car free of defects and in safe racing condition.

14.4 **MANAGEMENT CLAIM**

(if you don't want to sell it for the claiming price, you should run it in the Mini Stock Division.

14.4.1 The claim is in effect at all times and the claim amount is \$700.00 for the entire car. Seat and belts may not be removed at time of claim. ALL other components may not be removed.

14.4.2 *Refusal of claim will result in suspension from any racing privileges for driver and/or owner for the remainder of the current racing season and the complete next racing season if it is deemed that 50% of the scheduled races for the division have already been run in the current racing season.*

14.5 **DRIVER EXPERIENCE**

14.5.1 All drivers will be allowed to compete in hornet events.

14.6 **RADIOS.**

14.6.1 No two-way radios allowed.

14.6.2 One-way radios (scanners/ race scan) are recommended.

14.7 **EVENTS**

14.7.1 Different type events may be run at the discretion of track management and officials. These may include but are not limited to school vs. school, boys vs girls, as well as other novelty events. You will be expected to compete in these events. Direction event is run may change. Refusal to participate in novelty events may result in loss of points earned that night.