



2021 HERMISTON RACEWAY

HORNETS DIVISION RULES

RULES INTERPRETATION:

IF IT DOESN'T SAY YOU CAN, YOU CAN'T

Any car or equipment that the officials, board members, and directors considered exotic or not in the best interest of the track will be considered illegal for competition. In the interest of fairness, the rules may be adjusted to create a balance of competition. If needed, for competition purposes the track can decide to add weight to any car prior to entering a competition.

SAFETY - It is recommended that each car have, within driver's reach, built-in fire extinguishing equipment containing Halon 1211 or equivalent. Dry powder is not permitted. Any car that is not equipped with a built-in fire extinguisher must have an adequate fire extinguisher securely mounted within reach of the driver. The fire extinguisher may be secured to the roll bars or mounted on the left side door area. All teams should have in their garage or pit area as part of their equipment, a fully charged min 10-pound fire extinguisher.

a. **ELECTRICAL CUT-OFF SWITCH:** All cars must be equipped with a master cut-off switch. The cut-off switch must completely disconnect electrical power and must be clearly marked with an "ON-OFF" decal. **BATTERY BOX MUST HAVE A LID INSTALLED AND SECURLY FASTENED**

b. **SEAT BELTS AND SHOULDER HARNESS**

A quick release lap belt of no less than 3" wide unless using head restraint 2" wide is required. Where the belt passes through the seat edges, it must have a grommet installed, be rolled and/or padded to prevent cutting.

Seat belts must be dated by the manufacturer and must not be used beyond five years after the manufacture date. Recommend replacement after two years.

It is recommended that HANS specific seat belts be used with HANS device. If not using HANS, a neck brace is highly recommended.

c. WINDOW NET A nylon window screen is mandatory. It must be fastened to the roll cage top bar and highest driver's door bar on the cage. Window net must be rib type made from 1" wide nylon material with a maximum of 1 3/4" square between the ribs. All window net mounts must be welded to the roll cage and release from the top.

d. DRIVING SUITS must always be worn when the car is on the racing surface. Must be fire retardant and clean and without holes. **GLOVES HIGHLY RECOMMENDED**

- Drivers door must be welded or chained shut
- no reinforced bumpers
- all glass must be removed with exception of windshield. Lexan can be used as replacement
- helmet to be a minimum snell 2005 or sa-2005 minimum
- racing seats are required
- all safety subject to immediate tech)
- battery must be securely mounted in a battery box with a secured lid

E. ONE WAY COMMUNICATION SCANNER OR RECEIVER - REQUIRED

F. ADDED WEIGHT MUST BE PAINTED WHITE AND ARE IDENTIFIED WITH CAR #

COMPETING MODELS:

- open to any 4 cylinder car or truck with a maximum wheel base of 103"
- stock steel body, frame, and suspension
- no rotary, mid-engine or rear engine cars allowed. No factory turbocharged cars
- no bracing anywhere except in drivers' compartment
- steering and pedals must remain stock for the make and model of car
- dash must be stock or tinned side to side
- all insulation under the hood shall be removed
- all flammable interior must be removed **MUST RETAIN REAR DECK LID OR HATCH ON CARS AT ALL TIMES**

ROLL CAGE:

- 4 point cages required. Made from 1 1/2 tubing. All cages must be made of good quality material with neat welds. Roll bars must be neatly welded or securely fastened to the floor pan. All cars must have a rear safety bar attached to the main cage to protect the gas tank. The right-hand side of the cage cannot come over any further than the right-side frame rail. Right of the cage must be vertical and parallel to the frame. Must have drivers side reinforcement. A steel bar of no less than 3" must extend at least 4" past the front and rear door seams. A recommended similar bar on the right side as well. All bars within drivers reach and head must be padded

ENGINES AND EVERYTHING ELSE MECHANICAL:

- engines must be bone stock from the factory from the head to the oil pan
- carbureted cars must use carb the car came with from the factory
- fuel injection must remain how it came from the factory in that make and model
- rear wheel drive cars must have stock rear end for make and model and must be unlocked
- no cold air intakes
- transmission must be stock for make and model
- exhaust must be stock, including muffler. No aftermarket headers
- factory ecu. May not be chipped. **OEM OR AFTERMARKET LOW OIL PRESSURE CUT OFF SWITCH WITH CARS THAT HAVE ELECTRIC FUEL PUMPS ARE MANDATORY.**

SUSPENSION:

- the entire suspension on the car must be stock. No adjustable components
- 3 degrees of camber allowed on right front assembly. All others must be straight
- no car under 5" stock ride height allowed and all other cars need to remain stock. No cutting or heating of springs

FUEL TANK:

- if stock fuel tank is located in front of rear axle it may remain in place
- if located behind rear axle it must be replaced with a fuel cell or boat tank
- must have a **SEALED FIREWALL** between tank and driver, either a physical wall or a **SEALED BOX ENVELOPING THE FUEL CELL AND SECURELY FASTENED.**

WHEELS AND TIRES:

- wheels may not be offset
- aluminum okay
- tires must be dot street approved 75, 70, 65, or 60 series only.
- no low profile. No LEGEND car tires
- must be a minimum 400 treadwear
- **ALL 4 WHEELS ON CAR MUST BE THE SAME SIZE, TIRE SERIES CAN DIFFER, ALL OTHER RULES STILL APPLY**
- **TIRES MUST REMAIN INSIDE STOCK WHEEL WELLS AND BE FLUSH WITH BODY**

The tech official has the final say in the interpretation of these rules. The tech officials reserve the right to change or adjust these rules for safety or competition at any time. Build your car for the rules not around them.

ADDITIONAL INFORMATION:

All participants are expected to take pride in being part of our entertainment. Racing entertainment is what we sell to the public and we will not tolerate anyone or anything that detracts from the show. Cars in the opinion of the Officials that lack in appearance or are deemed unsafe will not be allowed to race until acceptable. All car construction rules will be decided by Hermiston Raceway inspectors. Burden of proof on any concern will be the responsibility of the driver.

It is the responsibility of the driver to ensure their car confirms to all rules and regulations at any time while on the racing surface or anywhere on premises.

REVISED 1/23/2022 REVISED 2/1/2022

