



## 2023 HERMISTON RACEWAY STREET STOCK DIVISION RULES

**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 be adjusted to create a balance of competition. If needed, for competition purposes the track can make a decision to add or takeoff weight to any care prior to entering a competition.

1. **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.

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 be worn at all times when the car is on the racing surface. Must be fire retardant and clean and without holes. Racing or Leather nonflammable shoes and gloves required

e. Mandatory commercially produced fuel cell (no homemade) FUEL PRESSURE CUT OUT SWITCH MANDATORY WITH ELECTRIC FUEL PUMP.-Driver's door must be welded/riveted or chained shut –

f. No reinforced bumpers (front or rear) meaning either stock oem or max 1 3/4 .095 round tubing.

g. A maximum of two mounts from the frame rails with two side and top supports.

h. Side and back glass and body molding must be removed -Factory windshield is ok / Lexan recommended –

i. Helmet to be a minimum snell 2005 or SA-2005 -Racing seats are required

j. Batteries have to be securely mounted. All cars must have a firewall between the fuel cell and drivers compartment of at least 22 gauge steel.

k. Two-way radio required Must have a scanner to monitor tower communications and can be relayed to driver.

## Competing Models

-Any American manufactured V8 passenger car Minimum 101" wheel base. -NO front wheel drive, NO 4-wheel drive, NO convertibles. -Front engine cars only. - NO rear or mid-engine cars. No 4<sup>th</sup> Gen Camaros. - 5" ride height minimum (no lower), **INCLUDING** side skirts/rocker panels. (measured without driver from the lowest point on the frame. Exhaust and transmission excluded)

**Weights:** -Weights are with driver. Can be asked to weigh in at any time. -602 factory sealed crate 3000 pound -360 cubic inches and less 3100 pounds -361 cubic inches and more 3200 pounds (No car will exceed 3400lbs) -406 cubic inches is the max allowed. -55% left side max on all weight/engine combinations. \*\*\*Cars with aftermarket bodies\*\*\* see provisional section

**Roll cage:** -Minimum of 4-point roll cage mandatory and must be fabricated with a minimum of 1 3/4" x .095 round tubing. - Must have main halo, roof hoop, two A post bars, dash and main hoop spreader bars along with main hoop diagonal bar. -4 door bars on left side. -10-gauge steel plate must cover all left side door bars and be solidly welded in place. -Roll cage legs must be attached to frame rails not body. -Right side door must have at least 2 spreader bars between the A post and the roof hoop and at least one door support to be made of 1 3/4" x .095 round tubing. -Front and rear hoops are recommended. -No reinforced bumpers (Front or Rear) . Meaning either stock, OEM or Max 1 3/4 round tubing. -A maximum of two mounts from the frame rails with two side and top supports. Must have padded roll bars within reach of the driver

**Chassis/ Body:** -Front and rear clips must be stock for make and model. -Floor pan must be stock or fabricated from minimum 22 gauge and stretch from front to rear firewall. Right side may be cut out for exhaust -Front firewall maybe removed and replaced but must be in stock location. Right side maybe removed. -Rear firewall, if not stock may be made of 22-gauge steel -Roll cage must be securely welded to top rail of frame or on top plate of sub frame. -Roof height 49" max measured 10" back from windshield -Rear spoilers 6 1/2" by 60" maximum -Aftermarket front and rear bumpers covers allowed. -Aftermarket hood and front fenders allowed -Bodies must have factory steel roof and metal rear quarters. \*\*\*see provisions for aftermarket bodies\*\*\*

**Engines:** -Block must be stock OEM from factory. -Heads must be cast iron, straight plug. No angle plugs No aluminum. Limit of 2 valves per cylinder. No porting or polishing -Aluminum intakes ok. No porting or polishing. Single or dual plane. - Camshaft must be hydraulic or solid flat tappet. No roller cams, No aftermarket shaft rockers. ---No roller lifters. -Roller rockers allowed -No fuel injection -Must use gasoline (race fuel and AVGAS are ok) -No dry sumps "Single stage pumps ok" - Flat top pistons only -Aftermarket rods are allowed -Engine will be within one inch of center line of crankshaft to center of chassis and number 1 spark plug no farther back than the upper ball joint -Exhaust manifold or headers allowed. Headers will have 1 3/4" or smaller primary tubes. 3" collector max with dual exhaust system -NO crossover or 180-degree headers. -Carb must be 4412 Holley. Max 1" spacer, 4412 XP carbs allowed, Max 1" spacer. -Must have air cleaner -MSD or equivalent ignition boxes allowed. Aftermarket distributors allowed. -602 factory sealed crates allowed. - 604 engines NOT allowed.

**Transmission/ clutch/ flywheel/rear end:** -No racing transmission. Must be stock OEM manual or automatic. -Aftermarket shifter and linkage allowed -Racing clutches allowed -Light flywheels allowed -Reverse mounted starter bellhousing allowed - Aftermarket axles REQUIRED -No cambered rear ends -STOCK GM REAR END IS REQUIRED TO HAVE AFTERMARKET AXLE AND 5/8 STUDS or FORD 9INCH FLOATER WITH 5/8 STUDS. Full spooled, mini spooled or welded rear ends only. -Limited slip, Quick change, Detroit lockers, gold tracks, posi traction type rearends are NOT allowed -Drive shaft must be painted white and made of steel. Drive line must have at least one hoop. NO aluminum or exotic material

**Suspension:** -Non-adjustable tubular upper A arms may be used in place of stock A arms, in stock mounting location -Lower A arms must be stock. Mounted in stock location with stock mounting holes -No adjustable ball joints -No rack and pinion unless stock to that year/make/model -Springs must remain in stock location -Lowering blocks allowed -No bump stops -Steering quickener allowed -1-piece sway bar only- must be factory type -Stock or steel non-adjustable racing struts/shocks only. Mounted in stock location. -No externally adjustable. No aluminum -No coil overs. - Adjustable front spring pockets allowed. -No racing spindles. Aftermarket hubs ok -Steering Centrelink must be stock. -Swedge tubes/heim ends allowed -Metric car trailing arms may be moved 3" maximum. -No aftermarket pan hard bars. Must be stock OEM if car was equipped with it from the factory. Pan hard bar- adjustable at frame side only. Must be non-adjustable on rear-end side. -No 3 or 4 link suspension unless car was equipped with it from the factory. \*\*\* weight jacks \*\*\* see provisions section

**Brakes:** -Stock OEM brakes with steel calipers only, No aftermarket calipers allowed. Aftermarket mounting brackets OK. -Adjustable Proportioning valves ok -OEM or aftermarket pedals/master cylinders allowed

**Wheels and Tires:** -Wheels can be 8" or 10" steel only -Class tire is Hoosier 1035-1045. 4 new tires can be purchased prior to opening night, (for the class). 2 new tires per race night after that BUT YOU MUST HAVE RACED IN THE MAIN EVENT In the previous race. NO RACE NO TIRES. 4 new tires are allowed on the car opening night (for the class) only. Only 2 new tires allowed on car after opening night. Racers that did not compete in the first race of the season (for the class) the first race window has closed are only allowed to start with 2 new tires. Tires must be purchased from Hermiston Raceway. NO soaking or tire softeners -Must have 5/8" wheel studs.

**Radios / receivers** -Communication is mandatory. MUST have one or the other - Drivers and spotters must have the capability to hear communications from the track. -

Two-way radios are allowed between driver and spotter.

**\*\*Provisions and additional information: \*\***

**\*\*\*Weight jacks. -Before or during tech inspection, weight jacks will be marked and tagged by the tech official. No adjustments allowed to weight jacks after tech has marked them.**

**\*\*\*Cars with aftermarket bodies (aftermarket rear quarter panels and/or aftermarket roof) must add 100 lbs.**

**\*\*\* If there is a car that wants to race at the track and it does not fit these rules, please contact Hermiston Raceway. One race graces may be granted.**

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 1/10/2023**