



2020 HERMISTON RACEWAY **BOMBER 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 MAKE A DECISION TO ADD WEIGHT TO ANY CAR PRIOR TO ENTERING A COMPETITION

1. **SAFETY** - It is recommended that each car have, within the 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.

- DRIVERS DOOR MUST BE WELDED OR CHAINED SHUT. DOORS MUST CONTAIN A HINGED METAL DOOR FOR SHOULDER PROTECTION.

- ALL GLASS MUST BE REMOVED WITH the EXCEPTION OF WINDSHIELD. LEXAN CAN BE USED AS REPLACEMENT
- FIRE RETARDANT SHOES AND GLOVES RECOMMENDED
- HELMET TO BE A MINIMUM SNELL 2000 OR SA-2000 MINIMUM.
- RACING SEATS ARE REQUIRED
- BATTERY MUST BE IN A SEALED BATTERY BOX
- ALL SAFETY SUBJECT TO IMMEDIATE TECH

COMPETING MODELS:

- OPEN TO ANY 6 OR 8 CYLINDER CAR OR TRUCK
- 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
- DASH, STEERING, AND PEDALS MUST REMAIN STOCK FOR THE MAKE AND MODEL OF CAR
- ALL INSULATION UNDER THE HOOD SHALL BE REMOVED
- ALL FLAMMABLE INTERIOR MUST BE REMOVED

ROLL CAGE:

- 4 POINT CAGES REQUIRED. MADE OUT OF 1 3/4 TUBING
- MUST HAVE DRIVERS SIDE REINFORCEMENT
- A STEEL BAR OR CHANNEL OF NO LESS THAN 3" MUST EXTEND AT LEAST 4 INCHES PAST THE FRONT AND REAR DOOR SEAMS. SIMILAR DOOR BAR ON PASSENGER SIDE RECOMMENDED
- NO BATTERY RAM STYLE BUMPERS. BUMPERS CAN BE REINFORCED WITH ONE TUBE OF 1.75" .095 WALL TUBING WITH 2 BARS TO SUPPORT IT. NO HOMEMADE EXTERNAL BUMPERS.

ENGINES AND EVERYTHING ELSE MECHANICAL:

- ENGINES MUST BE BONE STOCK FROM THE FACTORY FROM INTAKE TO THE OIL PAN
- CARBURETED CARS MUST USE CARB AND INTAKE THE CAR CAME WITH FROM THE FACTORY. (2BBL CARB TO 2BBL MANIFOLD, 4BBL CARB TO 4 BBL MANIFOLD)
- 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
- REAR END MAY BE LOCKED
- NO COLD AIR SYSTEMS
- TRANSMISSION MUST BE STOCK FOR MAKE AND MODEL
- EXHAUST MUST BE STOCK, INCLUDING MUFFLER. NO AFTERMARKET HEADERS
- FACTORY ECU. MAY NOT BE CHIPPED

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

FUEL TANK:

- GAS TANKS SHOULD HAVE A MINIMUM 2 METAL STRAPS HOLDING THEM IN PLACE. MAY USE FUEL CELL.
- ALL TANKS MUST HAVE 22 GAUGE STEEL FIREWALL AND BOX SEPARATING THE TANK AND DRIVER

WHEELS AND TIRES:

- ALUMINUM OKAY
- ANY SIZE TIRES NO WIDER THAN 8 INCHES, WILL BE CHECKED WITH A GAUGE
- MINIMUM RIDE HEIGHT OF 5 INCHES ON ALL FOUR CORNERS OF THE CAR
- TIRES MUST BE DOT STREET APPROVED WITH A MINIMUM 400 TREADWEAR
- WHEEL SIZES CAN BE DIFFERENT
- TIRES MUST STAY WITHIN THE STOCK WHEEL WELLS, FLUSH WITH BODY

WEIGHT:

- V6 CARS 3200
- V8 CARS 3400
- 55% LEFT SIDE WEIGHT
- CARS UNDER 105 INCH WHEELBASE 53% LEFT SIDE WEIGHT
- WEIGHT TO BE MOUNTED SECURELY SUBJECT TO APPROVAL.
- WEIGHTS ARE WITH DRIVER BEFORE RACE, WILL BE CHECKED POST RACE.
- ALL ROLL BARS WITHIN THE DRIVERS AREA NEEDS PADDED, NO EXCEPTION
- STEERING WHEEL CENTER NEEDS PADDING ALSO