

Effective Date: 1/20/2023

HOBBY STOCK RULES

CAR SPECIFICATIONS

1. Any American made rear wheel drive car. Any full-size half-ton truck, manufactured by Ford, General Motors, or Chrysler. No vans, 4WD's or sport utilities.
2. Wheelbase minimum shall be 107.5 inches.
3. Car and/or truck bodies must have the appearance of a stock car and be all steel. No other type of metal allowed. Plastic nose caps or valances permitted.
4. Interior floor, roof, front and rear fire walls must remain stock.
5. Aftermarket body panels are allowed fire walls floor pan, roof must remain stock.

ROLL CAGES

1. The roll cage shall be constructed using 1.50 or 1.75 inch outside diameter steel tubing or greater with a minimum wall thickness .095 inches. No tubing on the car can be greater than 2 inches in diameter. Six-point cage consisting of four-point center section and "kicker bars", Kickers may be "X" braced. Center section of cage must consist of main hoop with "X" bracing and halo that clears the driver's head when he/she is strapped in with his/her helmet on. The four points of the cage center section must be securely welded to the car's frame rails or mounted on a steel 4x4 pads welded to uni-bodies. Windshield bar required. A minimum of three driver's side door bars are required to be plated with at least 18-gauge steel metal plating. Passenger side "Z" bracing required minimum. Driver and passenger doors may be gutted as necessary to fit the cage. Doors must be securely fastened, if running two (2) seats; passenger side needs to be the same requirements as driver's side door.
2. Front cage hoop permitted. Inner fender wells may be removed.
3. Roll bar padding is mandatory where driver can come in contact with the cage. All roll bar padding in driver's compartment must be fire retardant.
4. Nerf bar may extend up to 2" beyond factory body and must terminate inward and contain no sharp edges.

FUEL CELL

1. Fuel cell is mandatory. Must be located in trunk mounted securely no further forward than the rear differential. Pickup trucks must use a metal enclosed fuel cell mounted securely in the bed area between the frame rails. Metal enclosed fuel cells must use no greater than ten (10) gauge steel bar/material. If fuel cell is dropped below car must be surrounded by at least 18 gauge covering bottom of fuel cell. No more than three (3) foot of rubber hose on fuel system may be hooked to stock fuel line. Must have ground strap. Steel fuel filters only. Each fuel cell must be fuel tight and have a functional roll over valve.

2. fuel cells must be mounted by at least 22X1/4" steel strap completely surrounding the cell. If fuel cell is plastic, it must have 18-gauge steel covering the lower half. Fuel transfer must not be the lowest point of the vehicle. Fuel line must not touch the ground at any time. Fuel cells must have a ground clearance of at least 10".

DRIVER'S COMPARTMENT

1. Battery must be securely mounted in a box within the driver's compartment, marine type or better. One battery only per car. NO BATTERY IN TRUNK OF VEHICLE. A battery kill switch is mandatory and must be in the reach of the driver and Safety Crew.

2. Driver's compartment must be sealed from engine and fuel cell by at least an 18gauge steel sheet. Driver must do everything possible to keep the driver's compartment completely sealed off from the engine and trunk area. No loose objects in the cab. NO mirrors allowed.

3. Any fluid transferred through cab must be double walled steel and securely fastened and to be shielded from the driver. Subject to tech approval.

4. All glass and trim must be removed. Gutting is allowed on the interior sheet metal, hood, deck lid, and trunk floor. Replacement body parts must be steel only. Interior floor & roof, front and rear fire walls must remain stock. Aftermarket body panels are allowed fire walls, floor pan, roof must remain stock.

5. Brakes must function on all four wheels. No adjustable brake proportioning valves of any kind or shut off devices. Emergency brake cable must be cut or removed. Any nonfunctional brake may result in disqualification. Subject to tech approval. All brake components including pedal, calipers, rotors, spindles, drums and related sub-components must be in stock location. Only 1 master cylinder is allowed to control the entire brake system.

ENGINE and DRIVE-TRAIN SPECIFICATIONS

1. Engine and related components must remain stock as manufactured. No angle plug heads, bow tie blocks or heads. No vortex heads. Blocks, heads, intake and exhaust manifolds must be OEM cast iron. IMCA EQ 76cc heads are allowed. No other non-OEM production head is authorized No rollerized valve train components. No grinding, polishing, or porting of any kind

to the intake exhaust runners or manifolds. Engine must be mounted in stock position. Solid motor mounts allowed.

2. No stroker engines. 602 crate motors are optional; seals must remain intact, rev limiter 6200 chip max, OEM soft touch rev control required on 602 crate motor.

3. No roller cams, flat tappet cams only. Screw in rocker arm studs, OK. No stud girdles allowed.

4. Radiators must be mounted in stock position. Electric cooling fans are permitted. Radiator spray bar, pump and reservoir are permitted. Maximum reservoir capacity is five (5) gallons. System must be operational. Reservoir and system components must be securely mounted. Reservoir can only be mounted in driver's compartment.

5. Exhaust must exit behind the driver. Headers are allowed. No exhaust components in driver compartment.

6. Distributors must be OEM or OEM direct replacement, no magnetos.

7. Spec carburetor - Unmodified Holley 4412 only, not to exceed 500 cfm, with use of restrictor plate from Summit raceway Elko NV. Tampering with restrictor plate will carry penalties and fines. A \$250 fine and loss of all points prior to the incident will be assessed.

A No after-market metering blocks.

B. Changing of squirters, jets, and power valves IS ok.

C. Removal of choke plate mandatory.

D. All 4412's are subject to passing a no-go gauge.

E. One (1) adapter, no more than one (1) inch in height, no tampering allowed.

F. Ultra XP and like race carburetors, not allowed.

8. Gasoline/110 race fuel and E85 OK, no methanol.

9. Electrical fuel pumps OK with an oil pressure switch or inertia switch mandatory.

10. OEM and factory transmissions mandatory. Automatics require a functioning stock torque converter with fluid. Automatics must use a scatter blanket or steel scatter shield (1/4-inch flat strap or equivalent). Manual Transmissions: steel bell housings only, scatter blanket or shield suggested. Stock clutches and steel flywheels only.

11. Locked rear ends optional. No traction control device allowed. Nine-inch Ford allowed. 1-inch inspection hole in rear end center section required. Full floater rear axle allowed. Drive shaft must be painted white with car number on it. Drive shaft hoop mandatory.

FRAME, SUSPENSION, WHEELS & TIRES

1. Uni-body car may create frame to tie front and rear suspension together must go from rear of front sub to front of rear sub only and no under-slung rear suspension. Shocks must mount in stock location using stock mounts. Boxing and frame strengthening NOT allowed.
2. Suspension mounting points, trailing arms and sway bars must remain stock factory unmodified. Sway bars are optional. No weight jacking devices, spring spacers, adjustable spring shackles sliders, or lowering blocks. Suspension components must match year, make and model of the car. 1-inch wheel spacers are allowed. Spindle savers are optional.
3. IMCA stamped non-adjustable upper control arms are allowed. Steel shaft, nonadjustable, stock length replacement tubular upper control arms for Camaros allowed. 4. One (1) inch lug nuts mandatory.
5. No recaps, heavy lug, mud terrain or studded snow tires. DOT rated street legal tires, IMCA branded G60-15, or Goodyear 8" short track special tires allowed. Tires must not be any wider than 9-inch tread max. G60-15 tires will follow IMCA tire rules _
6. No additional weight or ballast of any kind may be added anywhere on the car.
7. Steering system must be stock or OEM replacement for make, and model used. Steering shaft may be changed but it must be a collapsible type shaft. After market power steering pumps are allowed.
8. Steering quickeners allowed.
9. Stock appearing front and rear bumpers are required and must be chained securely to the frame, rounded inward, or attached to fenders. No excessive reinforcement of the bumper (at discretion of track officials). Front and rear hook point accessible without removing body panels required. Front noise peace can be plastic rear trunk must be enclosed with metal or plastic tail peace fuel cell should not be open or exposed.
10. Factory appearing rear spoiler allowed. 5" maximum height.