

**COLUMBIA COUNTY RACING ASSOCIATION**  
**4-CYLINDER MINI-STOCK DIVISION 2022 RULES**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern all CCRA events. No expressed or implied warranty of safety shall result from publications of, or compliance with these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants, spectators, or others. **DECISION ON INTERPRETATION OF RULES BY TECH INSPECTORS SHALL BE FINAL. NO EXCEPTIONS!! IF IT DOESN'T SAY YOU CAN, YOU CAN'T!! THIS IS A CLAIMER DIVISION \*\*REMEMBER THE KEY WORD IS STOCK\*\***

Driver Name \_\_\_\_\_ Driver Signature \_\_\_\_\_ Date \_\_\_\_\_

**Competing Models - 150 hp or less** Any 4 Cylinder two-wheel drive only car or truck, maximum wheelbase 108" all vehicles. No sports cars, no high performance, no rear engine. Cars must have a factory horsepower rating of 150 hp or less, That number will be based of your Year, Make, Model, Sub Model. All vehicles subject to approval by River City Speedway Track Officials. If in doubt call first. Any car that competes and is found illegal will instantly be disqualified for any points or moneys for that night, discipline can and may result in loss of seasons points, forced division transfer, fines. Not limited to one, punishment as seen fit. **Car must remain stock from generation to generation for all parts.**

**Weight**

1 - Minimum Weight. All cars must weigh a minimum 2100 lbs. with driver at the end of the race. Front wheel drive cars with header must weigh 2400 lbs. at the end of the race.

**2 - If under 1.8l the car can weigh 1lbs per cc**

**Bodies**

Vehicle must retain stock appearing body. Wheel wells may be minimally trimmed for tire clearance. All interior may not be excessively altered, with the exception of the left and right-side door and B pillar to allow to fit for roll cage. All holes in firewall must be covered. Must use stock type bumpers, or aftermarket tubular bumpers 1 3/4 max diameter .095. after market covers allowed. All tube bumpers must be covered. All flammable material must be removed. Full front windshield or screen mandatory. Windshield must have two interior vertical straps, 1" x 1/8" minimum. Screen must be heavy-duty 3/8" or 1/2" steel mesh with a minimum of three 1/2" tubes in front of driver, no further right than centerline of car. All other glass, including headlights, taillights, etc. must be removed. Doors must be welded or bolted shut. 22-gauge fenders quarters, and doors okay as long as is still stock appearing but always per tech approval. Must use stock pedals in stock location. Quick release steering wheel OK. No steering quickner. Battery must be moved from under hood and mounted securely in a battery box. No mirrors. **After market steering columns okay**

## **Numbers**

Must be at least 18" high and 3" wide, on both doors and roof. Must be in a contrasting color (NO CHROME). If the number is not clearly visible, vehicle will not be scored. A 6" number is required on upper right corner of windshield and left rear of car (tailgate area).

## **Roll Cage**

Roll cage mandatory, subject to tech approval. Shall be constructed of minimum 1 1/2" OD, 0.095 wall thickness steel tubing. Must be fully welded, no pipe or threaded fittings. Door Bars: minimum three (3) door bars on each side. Bars must be tied together vertically in center. Left side door bars must curve to within 1" of door skin. Steel door plates, 18 gauge or 0.049 inch minimum thickness, must be securely welded to outside of door bars on driver side. Plate must cover area from top door bar to frame and from rear down post to five inches in front of seat. Must be visible for inspection. Front hoop O.K. not to extend past front sheet metal. Maximum of two (2) bars allowed through rear firewall, from top of main hoop to rear frame. Subject to tech approval. All bars in reach of driver must be padded. Rub rails: one per side allowed, maximum 1 3/4" tubing. Must be mounted within 1" of vehicle, no higher than top of tires. Ends must be curved in towards car, no sharp ends! Earnhardt bar recommended.

## **Tires and Wheels**

Factory wheels only, any OEM wheel all 4 wheels must match in size and offset, maximum width 8" NO RACING WHEELS. DOT passenger car radial tires, maximum width 8" shoulder to shoulder of tire. No bead locks allowed. No recaps or racing type tires allowed. All tires subject to tech approval. No wheel weights allowed. Minimum 60 series. No wheel spacers or adapters allowed. No snow tires, No studded tires. M&S tires allowed. No Grooving. Wheel spacers and or adapters allowed with factory wheels only, all spacers, adapters, and wheel offset must match on all 4 corners. Wheels must not be outside rub rails.

## **Fuel and Fuel Tank**

Gasoline only as fuel, no alcohol, no nitrous oxide. Stock fuel tank may be used if it is factory mounted over rear axle. Vehicles with rear or side mounted tank must use a fuel cell, 8-gallon max. All fuel tanks are subject to tech approval.

## **Frames**

Stock frame for year, make and model. No cross bracing, filling, or reinforcing of frame will be allowed.

## **Suspension**

Suspension must remain stock and in stock location. Factory camber allowed, all wheels. May cut or heat springs. OEM style, no coil over. Non-adjustable spring spacers O.K. must maintain 4" minimum

ride height. No aftermarket lowering springs. Ride height will be measured at lowest pinch weld, frame point or body. Four-inch wheel must be able to pass under car in tech officials chosen place to pass tech. All suspension parts must use stock factory mounting points. Max Camber three degrees any wheel.

Right front no limit on camber within these rules.

### **Drive Line and Rear End**

Driveline must be painted white and strapped at both ends. Strap must be of sufficient strength to contain driveline. Rear end must be stock for year, make and model of vehicle, mounted in stock location. Mini spool or welded gears allowed. Stock transmission for year, make and model. No modifications allowed.

### **Engine**

TRACK OFFICIALS RESERVE THE RIGHT TO INSPECT ENGINES AT THEIR DISCRETION. Engine must remain stock for make, and model, and generation to generation. Fuel injection must remain stock for year, make and model, with stock air cleaner and/or air box mounted within engine compartment. Headlight area to be covered with solid material to not allow air flow. No turbocharger, supercharger or multiple carburetor's allowed. Any 2 barrel carburetor, maximum 1 1/2 inch adapter/spacer ok. Intake manifold must be stock for make and model. Air cleaner required. No cold flow air intake. Engine must mount in stock location with factory mounts. Stock exhaust manifold for make & model, headers ok'd all cars/trucks. Refer to 1. B Muffler mandatory, noise level will not exceed 90dba at 100', measured while car is on track. Violators will not be allowed to compete. Water only as coolant, no antifreeze or additives allowed.

### **Brakes**

Stock brake system for year, make and model mandatory. Must be able to slide all four tires. No adjustable brake bias proportioning valves allowed.

### **Safety**

FIRE CONTROL - Any car not equipped with a built-in fire suppression system must have a fully charged fire extinguisher securely mounted in reach of the driver. All entrants must have a fully charged 5lb Halon 1211, Haltron-1 or equivalent fully charged fire extinguisher in their pit. FIRE SUITS - A flame/fire resistant suit is highly recommended at all times car is on the track. HIGHLY RECOMMENDED: Fire resistant gloves, shoes, socks, head sock and underwear. Long sleeve shirt and pants required. Helmets - Helmets are required and must be approved SHCA or snell type and will be worn at all times the car is on the track. (Full-face snell 2005 helmets recommended.) Helmets must accompany vehicle at time of inspection. SEAT BELTS - Minimum 3-inch-wide (2" for head and neck restraint systems), SFI-approved five-point safety belt system. Center crotch belt MUST be used and must be mounted to the roll cage seat mount. All belts must be mounted securely to main roll cage. HIGHLY RECOMMENDED: to replace every 2 years. SEATS - A professional racing seat is required. Seat must be mounted with a minimum of 3/8-inch grade 5 bolts. HIGHLY RECOMMENDED: seat also offer rib protection and have leg extensions. Headrests recommended on both sides. No fiberglass, plastic, or homemade seats permitted. WINDOW NET - A window net is mandatory; rib style or mesh is allowed. Must be permanently mounted at the bottom and have an approved quick release at the top. Must be good condition not frayed. HIGHLY RECOMMENDED: to replace every 2 years.

## **Claims**

Track management or any membered driver of the same class in good standing may claim any car for \$2500.00. The claimed car will be auctioned off before the next scheduled 4-cylinder race if claimed by the track. If claimed by a driver the claimed car owner has that night to remove seat, safety belts and any fire system installed. If the claim is refused the driver/car owner will lose any points on the day of the claim and be suspended for the next two point's races. The claimant must race the claimed car on the next scheduled 4-cylinder race. If the claimant does not return in the claimed car in that class he/she will be suspended for one year and lose all points. Claimant must finish on lead lap.