

COLUMBIA COUNTY RACING ASSOCIATION

SPORTSMAN 2018 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!!

COMPETING MODELS: A. Limited to American-made **rear-wheel drive** cars. No station wagons, convertibles, 4-wheel drive, jeeps or rear-engine cars allowed. Full size trucks will be allowed to compete in the sportsman division as long as they comply with CCRA sportsman rules. B. Wheel base to be stock for make and model of car with minimum wheelbase of 101". C. Maximum width whether sheet metal, bumpers or outside edge of tires 84". D. Minimum weight of 3000 lbs with driver. No top off (as it comes off the track).

BODIES: A. Rear end must be fully enclosed. B. Fiberglass, rubber glass, or aluminum optional. C. All edges must be rolled in. D. Stock type factory bumpers, front and rear. Front and rear bumpers must be strapped to fenders. **NO COW CATCHERS ALLOWED OUTSIDE SHEET METAL FRONT AND REAR.** All stock bumpers must be fastened with a minimum of four 3/8" grade 5 or better and fully strapped with 10 gauge (1/8") or better. E. Hood and deck lids mandatory must be securely fastened with 4 pins each unless stock hinges are used, then 2 pins each allowed. F. Floorboards, front and rear firewalls sealing the driver's compartment are mandatory. These must be constructed of at least 20 gauge metal. Must be welded, bolted, or anchored with heavy duty (3/16") pop rivets, 4" maximum spacing. G. Doors must be securely fastened. H. All flammable material must be removed. Trunk floor may be removed.

GLASS: A. Full front windshield or minimum half screen **MANDATORY**. B. Front window must have at least two 1/8" x 1" straps on inside of windshield and attached to roll cage. C. If screen is used it must be heavy duty 3/8" or 1/2" mesh with minimum of three 1/2" tubes in front

of driver, no further right than centerline of car. D. All other glass, including headlights, tail lights, etc. must be removed. E. No full door windows allowed, cooling vents and wing windows permitted.

4. WHEELS AND TIRES: Maximum permitted tire 11" as marked on tire. Maximum wheel width 10". Asphalt take-off slicks or G60's only. No recaps. B. Heavy duty lug bolts; 9/16" or 5/8" must be used on all 4 wheels (grade 8 or better). C. Lug nuts must screw down on lug bolts with wheels, installed at least to the point where 1 thread is showing. D. Steel wheels only. Racing wheels, double centered or reinforced **Beadlock wheels okay on right side only**. E. **Hand grooving and siping slicks allowed**. F. No Wide 5's. **G. G60's OKAY**

FRAMES: A. Detroit manufactured OEM stock front frame clip section required. B. Older frames may be used under later model bodies, but wheelbase must meet minimum. C. Frames may be reinforced or modified for installation of weight jacks or rear wheel clearance. D. Stock frame rails may be replaced with rectangular tubing with minimum size of 2" x 2" x .120" wall. Left frame structure must conform to stock configuration. Right side frame rail no farther in than even with the right front clip. E. Crankshaft centerline no less than 10" from ground. F. Front lower control arms must be stock without modifications. Bushings and ball joints may be changed as long as original dimensions are not changed. Bottom A frame mounting points must be stock. **6. SUSPENSION:** A. Cars must have conventional spring setup with a minimum 5" outside diameter spring measurement. No birdcages. All steel components with adjustable Heim joints must be okayed by techman. Aluminum tie rods and trailing arms allowed. Spring, shock or rubber mount allowed on third link. B. No independent rear-ends. Quick change ok. C. Any type shock absorber allowed, one per wheel. No coil overs, coil over eliminators are allowed with minimum of 5" spring D. No rack and pinion steering unless it came from the factory for the year and make of the clip and frame. Must be stock factory rack and pinion, NO after-market. Steering box must be in stock location. E. Steering rag joints must be replaced with steel units.

7. BRAKES: A. Must have good OEM or better working brakes on all four wheels. Must be in working order and be able to slide car. Must be solid mount (no free float). B. No non-ferrous spindles. Aluminum hubs o.k.

8. ROLL BAR: A. Steel roll bars are MANDATORY, must be approved. B. Full roll cage made of steel tubing minimum .090 wall 1 3/4" O.D. C. All joints must be welded and have gussets. No threaded fittings allowed. D. Roll bars in driver's area must be padded.

9. ENGINE: A. No limit on cubic inch. B. No overhead cam V8 engine allowed C. Cylinder blocks must be standard factory production type. No aluminum. (Refer to 9 F) D. Any unaltered intake. E. Exhaust manifold type optional, headers permitted. F. Any cast iron 23 degree & drop straight plug. No aluminum. Porting and polishing o.k. **G. Any hydraulic or solid camshaft**. No mushroom lifters. H. Any single carburetor. Adapters not to exceed 1 1/2". No predators. Air cleaner mandatory. Must have 2 throttle return springs. I. Any point or transistor type distributor

allowed. No magnetos or crank fired ignition. J. Center of motor setback for GM vehicles will be no further than 2" from the tip of the forward most spark plug to an imaginary line between the lower ball joints. Engine setback for Ford and Mopar vehicles will be no further than 3" from the tip of the forward most spark plug to an imaginary line between the lower ball joints. K. Gear drives allowed. L. All engines must start from driver compartment.

10. TRANSMISSION - CLUTCH: A. Production type transmission. B. Manual transmissions must have approved scatter shield or approved bell housing. C. Blanket recommended on automatic transmission. D. Must have working reverse.

11. DRIVELINE - REAR END: A. Driveline must be painted white. B. Driveline must be strapped at both ends (1/8" x 1" steel or 3/16" welded chain minimum). Must be of sufficient strength to contain drive shaft. C. Left wheel bearing should be tack welded in two places (Ford rear end).

12. FUEL AND FUEL CELL: A. Fuel cell **MANDATORY**. Must be filled with foam. B. Fuel cell must be mounted securely to frame. Cell must be enclosed in 20 gauge metal box on at least bottom and sides. Must be securely strapped on top (no plumber tape). Rubber lines must be enclosed in steel tubing (or conduit) to within one foot of each end. C. Minimum ground clearance ten inches. D. **NO ALCOHOL**. No nitrous oxide. E. Pump gas, aviation gas, or racing gas allowed. F. Mechanical fuel pumps only and must be located in stock location at the engine and no electric fuel pumps. G. If fuel lines pass through driver's compartment, they must be fully enclosed in a metal tube and painted to contrasting color and marked fuel. H. Fuel tank protection bar required.

13. EXHAUST SYSTEM: A. Mufflers required. B. Exhaust must extend behind driver's compartment. C. Noise level may not exceed 90 DBA at 100 ft., 60 DBA at property line. D. No exhaust system permitted through driver's compartment. E. Heat tape allowed.

14. SEATS: A. Seats and seat belts must both be fastened to the roll cage not to floor pan. 4

B. Head rest recommended.

15. SPOILERS: A. Spoiler material above 6" must be of see through material. B. May not exceed width of body. C. No dimension except width may exceed 10". D. No wings, side boards, plows, or other devices. No solid forward braces. E. May not extend beyond rear bumper.

16. MIRRORS: A. None allowed.

14. FIRE CONTROL - Any car not equipped with a built-in fire suppression system must have a fully charged fire extinguisher. All entrants must have a fully charged 5-lb Halon 1211, Haltron-1 or equivalent fully charged fire extinguisher in their pit.

15. FIRE SUITS - A flame/fire resistant suit designed for auto racing will be highly recommended at all times car is on the track. A 1 or 2-piece flame/fire resistant suit will be accepted. **HIGHLY RECOMMENDED:** Fire resistant gloves, shoes, socks, head sock and underwear. It is recommended that that the driver's suit be the best quality fire protection available.

16. 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 90 helmets recommended.) Helmets must accompany vehicle at time of inspection. Fire suits of a flame retardant nature must be worn by all competitors

17. 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.

18. 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.

19. 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.