



2018 Street Stock Rules

1. **FRAME / BODY:** Any American made stock passenger car body on a stock unaltered full frame, or Chrysler unibodies. Camaros or Pontiac, Firebirds and Novas. Truck bodies on metric frames are allowed. All full frame and Unibody cars must have original wheelbase with 107.5" minimum with no more than 1" difference from side to side. (May tie rear frame to front frame : tubing allowed) **NO** Front wheel drives. Stock appearing aftermarket plastic nose or tail pieces are allowed. Rear of car must be sealed off, no exposed fuel cell. 5" Maximum spoiler allowed. Bodies must be centered over wheel wells (front to rear and side to side). Body panels may be replaced with steel or aluminum but must resemble OEM appearance and body lines. Must maintain OEM appearing Roof Pillars. Front visor is allowed on the windshield area MAX 7 inches. Rear of car must be sealed off from trunk lid/deck to top of frame rails, fender to fender. Sunroofs and T-tops must be reinforced and enclosed. All glass, plastic, upholstery, lights, mirrors, and trim must be removed. No part of dash can be more than 28" from back edge of the center of the hood. Entire trunk floor may be removed. Rear frame horns may be replaced. Must use 2" X 3" tubing no further forward than back of shock tower. ALL openings should be covered as to isolate the driver, subject to track approval. Racecar body should be maintained in such a manner as to keep a presentable appearance. Unibody cars may have square tubing from stock front clip to rear. Rear leaf spring suspension must be in OEM location.
2. **BUMPERS/RUB RAILS:** Maximum one inch wide by two inch tall steel or Lexan rub rails allowed - bolted flush to body. All front bumpers must be mounted minimum six inches from front frame horns. Steel bumper mounts only. No sharp edges allowed on bumpers, rub rails or bolts. One of three bumper options must be used and must be OEM height: **OEM:** Front Bumpers not covered by plastic nose piece must be complete, unaltered OEM, capped to fender with steel, welded or bolted. If constructing front bumpers out of tubing it cannot extend past frame horns. Rear bumpers not covered by plastic tail piece may be unaltered OEM capped to fender with steel, welded or bolted. No bars past outside edge of body other than rub rails. **Aftermarket:** Fabricated tubular bumpers allowed, but must be covered by plastic nose or tailpiece and bent to fit with rounded ends. Front bumper bar must be minimum 1.5 inch O.D. (maximum two inch) with 0.083 inch (maximum 0.125 inch) wall thickness. Rear bumper must be minimum 1.75 inch O.D. with 0.120 inch wall thickness.
3. **ROLL CAGE / SAFETY:** Minimum six-point cage, minimum size 1-1/2" O.D. by .095" wall thickness. Minimum three horizontal bars in driver's side door, and three horizontal bars on passenger side door. **Five-point** quick release seat belt and harness required for driver. **Aluminum** racing seat only, must be bolted in using minimum .375 inch bolts. Seat must remain inside all confines of roll cage. Must have window net and full fire suit including shoes, gloves, neck brace and SA2005 or newer helmet for driver. (if driver elects to utilize a Hans type device, driver must have a full containment seat with left and right head braces) Must have three bars in front of driver in windshield area. Must have door plate on driver side. Door plate should be 18 gauge metal from rear of roll cage to five inches in front of the seat from top door bar to bottom door bar.
4. **DRIVER COMPARTMENT:** Driver must be sealed off from track, driveline, engine and fuel cell. Kick and rocker panels may be removed. Front OEM firewall may be replaced using steel fabricated firewall, 18 gauge or minimum 0.049 inch thickness. Dash must not extend more than 28 inches back from top of firewall. Dash must be flat, rear can be no higher than front, except for cowl in front of driver. OEM floor pan may be replaced using steel fabricated floor pan, 18 gauge or minimum 0.049 inch thickness, securely welded to frame. Floor pan may be replaced from front firewall to rear halo supports. Must remain flat/OEM appearing from frame rail to frame rail or within cockpit, can be no higher or lower than frame rail. Exception is maximum eight inch tall driveshaft tunnel. Tunnel must remain similar to OEM tunnel in size. Cockpits are allowed, interior may be enclosed. Inner panel on outside of passenger door bars allowed. Rear firewall may be aluminum or steel and may be located no further forward than rear halo supports and no higher than bottom of rear opera windows. All holes in firewalls must be covered with metal. No driver-adjustable devices allowed while car is in competition except brake adjuster. No mirrors.
5. **ENGINE:** All engines used in competition must be able to be used in production U.S. passenger cars without alteration. Solid motor mounts allowed. Maximum engine setback #1 sparkplug no further back than center of upper ball joint. Casting and fittings may not be changed. No machine work on the outside of the engine or on the front or rear of the camshaft. Flat tappet cam/lifters and stud mounted rocker arms only. Stud girdles allowed. No limit on Engine C.I. but must run GM with GM and Ford with Ford, etc. All coolers must be located inside the engine compartment. No coolers allowed in the driver's compartment.
6. **CYLINDER HEADS:** OEM production 23 degree steel cylinder heads or aftermarket 23 degree steel cylinder heads only. No aluminum heads. Screw in studs, guide plates and stud girdles allowed. 3/8 or 7/16 studs allowed.

7. LS Engine Option

- a. **LS engines maximum 6.0L steel block engines. Hydraulic roller cam is all that is allowed.**
- b. **50lb weight penalty. Mounted 25lb on each side in front of the motor inside engine compartment.**
- c. **LS Blocks that are allowed are:**
 - i. **12561706 4.8L/5.3L Cast Iron**
 - ii. **12562317 4.8L/5.3L Cast Iron**
- d. **LS engines must run Holley 4412 unaltered 500cfm Carburetor**

- 8. CARBURATION AND FUEL SYSTEM:** Holley 4412 2-barrel only. Must be unaltered. Carburetor may be modified to Holley HP Dorton part no. 0-80583-1. Maximum spacer and adapter 1" combined total. Fuel pump must be in stock location for make. Belt drive fuel pump allowed. Electric pumps are allowed for LS engines only. Carburetor must pass go-no gauges.
- 9. EXHAUST:** Headers optional, IMCA spec mufflers required. Exhaust must remain dual, no crossovers, y-type, or 2 in 1 pipes. IMCA 609, 930, 935 mufflers required. Any driver missing or losing a muffler during competition will result in last place points and pay for that event.
- 10. INTAKE MANIFOLD:** Aftermarket aluminum intakes are ok.
- 11. TRANSMISSIONS:** Any stock type automatic or manual. Must have one working forward and one reverse gear. Direct drives are allowed with coupler. Trans. Cooler ok, cannot be mounted in driver's compartment. Manual transmissions may use single or multi disc clutches, flywheel and pressure plate must be steel. Mini clutches are allowed. 2" minimum Steel drive shafts must be painted white and have a loop 6" from front u-joint. Automatics must have an approved scatter shield constructed of minimum .125 X 3" steel, 270 degrees around flex plate. Shield may be welded or bolted to the floor board inside the car. Manual transmissions must have an explosion-proof bellhousing.
- a. **Bert, Brenn, Falcon transmissions are allowed. 50lbs will be added in engine compartment if utilizing this type of transmissions.**
- 12. FUEL:** Pump or racing gas only. **NO** additives or smells. Fuel cells must be secured in trunk with a minimum of 2 inch strap all the way around the cell. Flapper valve or twist lock air craft style cap required.
- 13. FRONT SUSPENSION:** All components and mounts must be steel, unaltered OEM in OEM location and match frame. Rubber, nylon or steel lower A-frame bushings only – no offset or bearing type. No sway bars. Exceptions are weight jacks allowed – must be in original centerline of spring tower: OEM upper A- frame mount may be moved or replaced with aftermarket steel non-adjustable mount matching upper A-frame bolt on design: OEM or OEM replacement ball joints allowed. GM mid-size metric frame- OEM upper A-Frame may be replaced using aftermarket upper A-frame. Shock location may be moved and may go through center of aftermarket upper A-frame, but frame cannot be altered in any way. Single hole shock mounts only. Tie rod adjusting sleeve may be replaced with swedge tube. **NO** suspension stops of any kind allowed.
- 14. REAR SUSPENSION:** All components and mounts must be steel, unaltered OEM or OEM replacement, in OEM location and match frame. No independent rear suspension. OEM rubber or nylon control arm bushings only, no offset or bearing type. Welded single hole shock mounts only. Exceptions are: coil springs may be moved – front to back, centerline of axle tube can be no further forward than the front of the spring, or no further back than rear of spring, but spring must remain vertical left to right: shocks may be moved, but must remain behind rear end housing on metric frame cars: rear end lower control arm mounts maximum 7.5 inches long, may have maximum five holes for adjustment. Lower spring perch must be welded to axle tube. **NO** suspension stops of any kind allowed. After market nonadjustable trailing arms allowed as long as they match OEM length and bushing diameter. Weight jacks, rear sliders or lowering blocks are allowed. No torque arms allowed.
- 15. REAR END:** Any steel approved OEM passenger car or truck non-cambered rear end (housing and carrier) allowed. Safety hubs (floater) allowed. No sway/pan hard bars. All components must be steel, exceptions are: lowering blocks, and u-joint caps, and drive flange may be aluminum. No adjustable lowering blocks. One inch inspection hole in housing required. Full steel spool, steel mini spool or welded rear end only. Steel axles only. No quick change devices. One piece drive flange only. No torque-dividing differentials. No Scalloped ring gears.
- 16. SHOCKS / SPRINGS:** One steel nonadjustable unaltered shock per wheel. All shocks must completely collapse at any time. No external or internal bumpers or stops. No coil over, bulb type or remote reservoir shocks. No coil over eliminators. One spring per wheel only. Minimum 4.5 inches O.D., maximum 16 inches in free height, non-progressive coil springs only. No spring rubbers allowed.
- 17. STEERING / DRIVER SEAT:** No rack and pinion. All components and mounts must be steel, unaltered OEM, in OEM location and match frame. Exceptions are: bolt on spindle savers allowed, OEM steering column may be replaced with steel knuckles and steel

steering shafts. Quick release required – steering quickner and steering wheel may be aluminum. Steering boxes must remain in stock location. The driver seat may be no further back than 25" forward of center line of rear end housing measured at the base of the seat.

18. **RADIATOR:** Any (1) radiator that fits in original location without any body modifications is allowed. Water pump mounted fans only. **NO** electric fans. Fan spacers ok.
19. **IGNITION:** One 12 volt battery only must be mounted securely in rear of driver's compartment or trunk area. Battery in driver's compartment must be enclosed. One distributor in stock location only. May run point or HEI style distributors. May run aftermarket MSD style distributor and box. Plugs and wires may be aftermarket. Ignition on/off switch must be clearly marked. **NO** traction control devices of any kind.
20. **BRAKES:** May use stock type master cylinder and brake components or aftermarket racing master cylinders. Must have at least 3 working brakes. Right front may be blocked. Brake bias adjustment allowed. Disc brakes allowed. No aluminum or composite rotors. Must use stock type steel rotors front and rear.
21. **TIRES AND WHEELS:** 8" maximum wide wheels allowed, 15" diameter steel wheels only, wheel covers and mud plugs right side only. Bead lock allowed on right side only. **NO** bleed-off valves. Must run 1" steel lug nuts. Hoosier or AR 500 Tire or Hoosier or AR G-60. ***Tire must durometer 50 or higher after race.*** Grinding, sipping and grooving allowed.
22. **WEIGHT:** Weight may be securely added in trunk or under the hood, but not in plain view or within the driver's compartment. Weight must be painted white with car number on it. Car must weight minimum **3000 lbs. with driver after race**. Loss of bolt on weight during competition will be an automatic disqualification.
23. **COURTESY RULE:** Any car with "minor" rule infractions will be allowed to race (1) event. Cars with infractions are subject to weight penalty.
24. **PROTEST RULE:** Any driver in the same race on the lead lap may protest another car immediately after feature in the tech area. \$250.00 cash per component. \$50.00 to the track, if legal protested car gets \$200.00 if illegal protestor gets \$200.00 back.