

## 2021 Street Stocks Rules

### CHASSIS/FRAME/ROLL CAGE:

- 1) Stock frame and suspension strongly preferred.
- 2) Framing may be used from stock rear shock mount (rear kick up) to rear bumper. Framing must appear in stock location. Cars with actual stock rear subs, bracing may be used, but must retain stock appearance.
- 3) Unibody cars allowed ONLY if frame is welded together by minimum 2x2 tubing. No Camaros.
- 4) Email [jerry@gascityi69speedway](mailto:jerry@gascityi69speedway) for more detail rules and approval on "clip cars."
- 5) 104" minimum wheel base
- 6) Roll cage must be composed of a minimum 1 ½" OD .090 thickness round steel tubing.
- 7) A four-post roll cage must be installed with minimum three door bars on driver's door. Driver's door must have 1/8" steel plate welded. Minimum 2 bars for passenger door
- 8) Bars may be added from firewall to protect frame and radiator
- 9) Drive shaft hoop is mandatory and must be installed 6-8 inches behind transmission tail shaft. No chains allowed.

### BODY:

- 1) Steel or aluminum body for make and model of car. Steel or aluminum skin allowed for roof, fenders, doors, hood and trunk. Body should resemble stock appearing for make and model of car.
- 2) Floor pan may be made from steel or aluminum.
- 3) No wedge-style noses. Nose and rear of body must be enclosed (plastic front/tail piece or filler with aluminum or metal)
- 4) Interior decking allowed.
- 5) All cars must display a readable car number on both door sides and roof (facing grandstand/control tower) of the car at least 18-inches in height.
- 6) Doors, hoods, and trunks must be securely fastened with hood pins. No car will be permitted to run without.
- 7) Must have tow (hookup) chain in front and rear.

### SUSPENSION (front & rear):

1. OEM stock suspension only for make and model of car.
2. Lower A-arms must be OEM stock for make and model. Front upper A-arms may be non-adjustable tubular steel in stock location.
3. Rear suspension lower/upper arms may be adjustable, but must mount to frame in stock position for make and model.
4. Leaf spring cars will be allowed. No mono-leaf spring cars. No half leaf spring cars. Stack leaf spring cars both sides only. No adjustable shackles. Leaf spring mounts must be in stock location.

5. Aftermarket race springs allowed.
6. Stock steering box. Stock pitman arm. Stock center link. Stock tie rod ends. Heim joint style tie rod ends/steering linkage is permitted.
7. No coil over, overload, cargo ratchet or air assisted shocks permitted.
8. Racing shocks permitted. Steel shocks only. One shock per corner.
9. Racing springs allowed.
10. No lift bars or recovery shocks or spring recoils.
11. Screw jacks on all four corners allowed.
12. Floater OK, No quick change allowed
13. Steering quickener permitted.
14. No Birdcages or must be locked or welded in position

**ENGINE:**

- 1) Engine block will be cast-iron block and heads. Aftermarket blocks and heads allowed.
- 2) Aluminum intake manifold is allowed
- 3) Engine setback to #1 plug from upper ball joint.

**EXHAUST:**

1. Cast iron exhaust manifolds and headers allowed. Highly recommended that exhaust run underneath car past driver's seat.

**CARB:**

- 1) Two (2) or four (4) barrel allowed.

**WEIGHT:**

- 1) 3,000 lbs. with driver.

**WINDSHIELD/GLASS**

- 1) All glass must be removed, windshields, windows, taillights, headlights, etc.
- 2) A minimum of three (3) 3/8" thick bars must be installed in windshield opening area. Steel mesh screen optional, but not required.

**TRANSMISSION:**

- 1) Minimum two forward & one reverse gear. Automatic or manual permitted Bert, Brinn or Falcon-type allowed. Steel drive shafts only--Painted white with car number on it.

**FUEL:**

- 1) Gas or Alcohol Allowed

**TIRES:**

- 1) DOT 60-70 Series or Hoosier Emod Tire allowed.

**WHEELS:**

- 1) Steel racing wheels, 8-inch maximum. One-inch lug nuts on all four wheels. Bead locks permitted. No aluminum or carbon-fiber wheels allowed.

**BRAKES:**

1. Steel brake calipers only.
2. Cars must have functioning brake on each wheel.
3. Rear disc brakes allowed.
4. Aftermarket pedals allowed.
5. Steel hubs only.
6. Stock-style steel rotors only.

**FUEL CELL INSTALLATION:**

1. Fuel cell mandatory. Maximum 32-gallon fuel cell. OEM gas tank must be removed.
2. Fuel cell must be mounted in trunk area between frame rails with at least 1½" clearance on all four sides. Minimum of two, 12 gauge 1½" wide safety straps mandatory. Fuel cell will be minimum of 10-inches above the ground or above centerline differential housing, which ever is highest.
3. No electrical fuel pumps.
4. Fuel line from trunk to engine compartment must be steel, steel braided or Aeroquip hose or equivalent. No copper or rubber tubing allowed. Any fuel line that runs through driver's compartment must be enclosed in rigid tubing from inside trunk area to inside engine compartment and must be sealed on both ends. Fuel line system must be approved by race official.

**SAFETY:**

1. All competitors must wear a flame-retardant driving suit. If the driving suit is a two-piece suit, both the top and bottom must be worn at the same time. Nomex gloves are mandatory while shoes, and underwear are highly recommended. Snell rated SA2000 or newer full shield racing helmet is required. An approved 2.5 lb. fire extinguisher in working order mounted within reach of driver is mandatory. Onboard fire protection system is highly recommended.
2. Any car using alcohol/methanol race fuel MUST have a 2" fluorescent orange A on the driver and passenger rear window support.
3. All cars must have a firewall between driver and engine, and between driver and fuel tank/cell.
4. A minimum 3-inch wide SFI approved 5-point racing harness/belts mandatory, which includes a crotch/submarine belt. All belts that are 3 years or older are not permitted. The dates for belts must be legible. Belts must be securely fastened to roll cage with nuts, bolts, and washers.
5. A made-for-racing high back aluminum seat is mandatory.
6. A neck collar or HANS or Hutchins device is highly recommended.
7. Window nets are mandatory. Quick release window net system must pass officials inspection or will not race.

8. Minimum of 4 post roll cage and 3 door bars. Pipe to be no smaller than 1-1/2 O.D. and .090 thick. All bars must be gusseted and welded to the frame. All bars near driver's helmet must be padded. Roll bar padding and neck brace are strongly recommended.
9. No mirrors allowed.
10. Batteries must be securely fastened. If inside driver compartment, must be boxed and covered.
11. All cars must have a drive shaft hoop. Drive shaft painted white.
12. Doors, hoods, and trunks must be securely fastened at start of race. No car will be permitted to run without.
13. Driver's compartments must be fully enclosed. Complete floorboard, no holes in firewall, etc.
14. All cars must have 4 wheel brakes in good working order.
15. All cars must have a well-marked kill-switch.
16. Loose objects and/or weight will not be allowed in the driver's compartment. Any weight added to other areas of the race car must be securely mounted, using a minimum of two 1/2 bolts through weights. Weights must be painted white and have your car number painted on them.
17. Exhaust systems must be mounted in such a way as to direct spent gases away from the cockpit area of the vehicle and away from areas of possible fuel spillage.
18. All drivers and cars must meet these safety rules before they will be allowed to run.

**RACEceiver:**

1. RACEceiver (one way) Radio is mandatory and shall be used by drivers during all wheel packing, hot laps, heat races, and B/A Main sessions. Frequency 454.000