



Street Stock Rules – 2023

Rule Deletions are ~~struck through~~, Rule additions are highlighted

16-1 General

- A. Cars may be full-size or mid-size. Compact cars are not permitted.
- B. Fiberglass hoods are permitted.
- C. Aftermarket noses are permitted.
- D. No Tube Chassis.
- E. No LMSC (ABC) Style Bodys, or ARbodies Muscle Car Bodies, must be stock appearing as possible.
- F. Raceceiver mandatory, either driver or spotter must monitor Raceceiver frequency.
- G. After 3rd consecutive win, 25lbs must be added to right side of car and start in rear for next event.

16-2 Springs / Shocks

- A. Cutting or heating of springs is permitted.
- B. Shocks may be claimed for \$130 per shock. Top five positions and on the lead lap only can be claimed. Claim must be made in writing within 20 minutes after completion of race by driver only must be signed.
- C. Spring rubbers are permitted.
- D. Racing springs are permitted in the front and rear. No sliders on the rear spring mounts in stock mount and stock location. Only shims are permitted.
- E. The use of nonadjustable spacer is permitted.
- F. Stock type steel-bodied racing shocks are permitted.
- G. Adjustable spring buckets are permitted.
- H. Jack screws/bolts allowed.
- I. Cannot mix jack screws/bolts with adjustable spring buckets.
- J. Tubular upper control arms are permitted
- K. Adjustable shackles are permitted (leaf springs).
- L. 2 1/4-inch minimum ride height (measured at lowest point on engine cradle).

16-3 Weight

- A. Cars must weigh 3200 pounds.
- B. Fuel burn off is one pound per lap.
- C. Weight must be displayed in 3-inch numbers on right side windshield.

16-4 Tires

- A. Pure Street tire will be 8-inch Towel City Retread only mounted on 8-inch rim. No Hoosier or any other tire will be allowed. Must purchase from Kingsport Speedway. No tampering with tire and no tire soak allowed. Fines and or suspension will be enforced if found.

16-5 Engines, Carburetors, Intakes, etc.

- A. Engine specifications: Chevrolet – 350; Ford – 351; Chrysler – 360
- B. All cast numbers must be visible and legible (block, heads, etc)
- C. Chevrolet minimum 72 CC, Ford minimum 58 CC.

- D. Turbo chargers or super charges are not permitted.
- E. Factory fuel injection for make and model is permitted.
- F. Under cut valves are not permitted. Stock type valve only. GM 1.94 intake, 1.5 exhaust. Ford and Dodge 2.040 intake 1.625 exhaust.
- G. Single valve spring only, flat damper inside spring allowed. Valve spring must be stock diameter for engine being run.
- H. Angle plug heads are not permitted.
- I. Porting, polishing, and/or grinding of heads is not permitted.
- J. Angle milling of heads is not permitted.
- K. Screw in, stock type studs are permitted.
- L. Milling of the boss is permitted.
- M. Guide plates are permitted.
- N. Holley 500 cfm box stock carburetor #4412. (NO HP, XP, or other 4412 version)
- O. Intakes may be stock or Edelbrock #2101. Mr. Gasket Carburetor adaptor #1929 only. (NO Marine intakes)
- P. The carburetor jets and power valve may be changed.
- Q. Engines may be bored a maximum of .60 over.
- R. Stock type pistons, two or four eyebrow flat top, cast only. Must have full skirts. Stock type and length, I-Beam replacement rod permitted. Floating wrist pins allowed. No short skirts.
- S. Racing oil pans allowed.
- T. The maximum cam lift is 450 on Chevrolets.
- U. The maximum cam lift is 480 on Ford and Chrysler.
- V. Solid or roller cams are not permitted.
- W. Roller rockers are not permitted.
- X. Heads must be cast-iron only.
- Y. Headers are permitted at 1 5/8 inch maximum diameter. Headers must not be coated or wrapped. Headers can be claimed for \$200. (Top five positions and on the lead lap only can be claimed. Claim must be made in writing within 20 minutes after completion of race by driver only, must be signed.
- Z. (2 ½ ") maximum exhaust only. No crossover, no H or Y pipe. Must be (2) individual pipes.
- AA. Ram horns are permitted.
- BB. Aftermarket valve covers are permitted.
- CC. Aluminum (V) Belt pullies are permitted. No serpentine pullies allowed. Stock steel pullies are ok.
- DD. Aftermarket cranks allowed. Must weigh 50 lbs. Height 12" to center of crankshaft minimum.
- EE. Electric fuel pumps are allowed. (if running electric fuel pump, must run safety switch, (oil pressure safety switch preferred) Fuel pump must shut off if the engine stops running.
- FF. MSD Digital Soft-Touch HEI Rev Limiter (8727CT) required. Must be mounted under hood, and easily visible, all wires exposed.
- GG. Rev limiter must be set at max 6200 RPM
- HH. Serpentine belts are allowed

16-7 Engine Set-back

- A. Engine must be mounted in stock location, in center of chassis. #1 spark plug must be in front of or centerline of upper ball joint. **Firewall may be modified for clearance.**

16-6 Safety

- A. All glass must be removed.
- B. A Lexan windshield is required.
- C. Cars must have a four-point cage with a door bar. Roll cage diameter is 1 ¾ inches or 1 ½ inches.
- D. Doors must be welded or pinned shut.

- E. Car must have a five-point harness and a window net. Window net should close at the top.
- F. Racing seats must be used.
- G. Down bars must be used in front and rear of car no exceptions.
- H. The use of a fuel cell is required.
- I. The use of aftermarket steering to accommodate a quick-release steering wheel is permitted.
- J. A door plate must be used on the left (driver's) side of the car 1/8-inch thickness.
- K. All cars must have a fire extinguisher or fire suppressant system in reach of the driver.
- L. Batteries must be enclosed in a sealed box and securely mounted to the floor pan.

16-7 Transmission/Rear-end

- A. The use of a stock automatic, (3) three speed, (4) four speed, or (5) speed manual transmission is permitted.
- B. All gears must work.
- C. Ford nine-inch rear-end is permitted. Ratchets are not permitted.
- D. Floaters are permitted.
- E. C clip eliminators are permitted.
- F. Tread width is 68" max.

16-8 Brakes

- A. Disc brakes are allowed.
- B. Drilled and slotted rotors are permitted.

16-9 Rules

- A. Rules may be adjusted at any time for competition purposes
- B. *Everything else must remain stock if not specified. No exceptions!