



2026 V8 Sprint Car Rules

Rules Option "A" – Tri State Sprint Series Rules Package

1. Full on Winged Sprint Cars with big engines will require a 10" Racing Tire of choice on both left and right rear corners.
2. Super Modifieds are invited to race using a 10" Racing Tire of choice on all four corners. 360 Cu. In. max with injected or carbureted engines allowed. GM Crate engines are allowed. We encourage a sprint type tail section for super modified cars. (Shell only)

Rules Option "B" – Must See Racing Light/ 602 Crate Sprint Rules Package

A. ENGINES:

1. 1. Unaltered from stock GM crate engine #88958602. Engine seal number must be documented as legal (even if the engine is completely sealed).
2. Race-1 (330-540-7223) or Canadian equivalent authorized seal will be the authorized engine purchase/conversion options.
3. 604 or equivalent oil pan is permitted if installed and sealed by Race-1 or an equivalent source.
4. Rear of cam may be tapped to run sprint style fuel pump and power steering pump.
5. HEI distributors with traditional coil and module only. Coil to remain inside the cap. Must purchase a rev limiter (part #MSD 8728 or #MSD8727CT). Chip #6200. Chip must be out of reach of driver.
6. No balancer upgrades permitted.
7. No type of vacuum pumps/evac systems on engine.
8. All crate engines must remain stock components as they came from the factory. Crate engines must not be altered, modified or changed from factory specifications.
9. Anyone found to have tampered with the rev limiters, sealed bolts, pushrods, valve springs, rocker arms, or any other part on/in engine will be suspended for 365 days and disqualified for the night and all points accumulated that season will be erased.
10. GBS reserves the right to impound an engine at any time for evaluation and further tech. GBS also may exchange your engine for another if it deems that you may be at a mechanical advantage.

11. Any engine that is found illegal will be forfeited to GBS. Any illegal parts will also be forfeited.
12. All engines should be purchased/rebuilt and resealed by Race-1 or equivalent supplier.

B. CHASSIS:

1. Dirt type only. Frame & body (including fuel tank) must be sprint car appearing.
2. Nerf bar on both sides, panels inside nerf bars are allowed. Nerf bar must be within 2" from side wall in and even to the sidewall out of both rear tires. Must be adequate to keep wheels out of the middle section.
3. Front bumper can be no longer than 24" from the center of the front axle to furthest point forward. No body work can go past the front bumper.
4. Engine, drive line, tail tank & rear end center section mounted in centerline of frame. Engine must be straight up.
5. Shocks must mount from frame to axle on the outside of frame nothing in between.
5. Front spindles may be steel or aluminum.
6. No torque arms or open drive lines allowed. Approved torque tubes are mandatory.
7. Aluminum rear axles are allowed
8. Left side radius rods and torsion bars must run on outside of frame.
9. Wheelbase to be 84"-92" maximum length and a 78" maximum width, offset of wheel to center of axle maximum 43".

C. EXHAUST:

1. Headers to be down tube sprint style only. Mufflers optional

D. CARBURETOR:

1. Quick fuel carburetor part # Q-650-CTA must remain box stock and must pass a gauge test.
2. Jets and power valves may be changed.
3. Carburetor must be mounted parallel to intake.
4. No air induction inserts or other devices to direct air to intake.
5. The measurement between the top face of the intake to the bottom surface of the carburetor is to be a maximum of 2 3/8" and no part of the spacer may protrude into the intake manifold.
6. New For 2022 (Quick fuel carburetor part # Q-650-CTA is no longer manufactured)
7. 650 GAUGE LEGAL METHANOL CARBURETORS Throttle Bore Maximum 1.6875" (Must Pass Bo-Laws Go-No Go gauge tech inspector test) Venturi Bore Maximum 1.250" (Must Pass Bo-Laws Go-No Go gauge tech inspector test) NO Aerosol carburetors, Oval Venturi Bores, Annular Boosters or ICT Boosters MUST HAVE working floats with float bowls front to rear (no sideways carburetors)

E. FUEL CELL/FUEL PUMP/FUEL:

1. Full sized sprint style fuel cell only. No midget fuel cells.
2. No electronic fuel pumps. Fuel pump must be mounted in stock location on engine or sprint style pump may be used.
3. Only straight alcohol (methanol) allowed.

4. An approved fuel bladder is mandatory.
5. No gasoline, nitro, or nitrous systems.

F. SUSPENSION:

1. Four corner torsion bar only, torsion arms must lie on top of front axle. Torsion bars must run from side to side.
2. No coilovers.
3. Rear ends must use conventional Jacobs's ladder mounting.
4. Front track bar only standard mounting (right side frame left side axle).

G. AXLES:

1. Front axle to be a maximum of 51". Rear axle to be a maximum of 52" – 1" offset maximum. Two-piece front axles are not permitted.
2. Safety pins are required in the outer ends of the rear axle to keep the nut from coming off.

H. STEERING:

1. Left hand sprint car steering gear only.
2. Steering drag link must go from steering arm to pitman arm. Nothing in between.
3. Drag link tether mandatory.
4. Steering wheels must have a quick release hub.

I. SHOCKS:

1. Unaltered nonadjustable A) Pro WB, Pro A or AC series and B) Integra #310-421xx are the only permitted shocks.
2. Split valve shocks are permitted.
3. Shrader valves are not permitted.
4. No bump-stop or bump spring technology permitted.
5. No coil over springs.
6. Shocks will have a Two Hundred and 00/100 Dollar (\$300.00) claim per shock exchange.

J. BRAKES:

1. Brakes must be in good working order at all times.
2. Steel rotors only.

K. HUBS:

1. Recommended to run 6 lug nuts on right front or one nut knockoff with pressure plate.

L. WINGS/BODY PANELS/BUMPERS:

2. A top wing is mandatory and may not extend beyond confines of a line parallel to the outside of the rear tires.
3. Only standard sprint car wings allowed. No supermodified style wings.

4. 25 sq.ft. maximum area, 5'x5' only with a 2" maximum wicker bill height measured from top surface of wing, must be flat and of continuous even height from side board to side board.
5. Dished or flat wings allowed.
6. No wing adjustments from the cockpit will be allowed. No hydraulic cylinders or valves, no levers or cables for adjustment will be allowed.
7. Rear adjustment of top wing must be fastened with quick release pins.
8. Rear wing stand/bracket must have side to side stabilizing support bracing.
9. Side board to be a maximum of 30" x 72".
10. Front or nose wings are allowed. Maximum nose wing size is 6 sq.ft. Maximum width is 37". Single element only, 1" maximum wicker bill height measured from top surface of wing, must be flat and of continuous even height from side board to side board.
11. 9A. Sideboards will have a maximum of 12 inches tall and 26 inches long with a maximum overhang not exceeding 1 inch from the center foil front edge to the side board front edge.
12. Front air dams may be no wider than the frame.
13. No aerodynamic surfaces or panels outside of main frame rails except for top wing and nose wing per specifications.
14. No more than 1" lip on rock panel behind driver and cannot extend rearward beyond the rear roll cage.
15. Only two vertical lips or rails may be on the hood surface and may not be more than 1" high.
16. Cockpit right side panel must be where driver can see out the right side when sitting in car. Cockpit side shields not to extend rearward.
17. Right & left nerf bars are required.
 - A. Flat aluminum panels inside and or even with the outer edge of nerf bars are allowed. Side panel designs and/or surfaces that, in the sole discretion of GBS officials are intended to trap, alter and/or direct airflow for the purpose of gaining an aerodynamic performance advantage will not be permitted.
18. Front & rear bumpers are required but must be sprint car appearing and must be inside frame rails.

M. TIRES/WHEELS:

1. Chemically soaking of tire will NOT BE PERMITTED AND/OR TOLERATED. If tires are to be found chemically soaked, they will be confiscated, and driver will be disqualified and/or fined.
2. All wheels may be steel or aluminum. Maximum 10" front wheels. Maximum 18" rear wheels.
3. Bleeders are not allowed.
4. MSRL Tire Rules or GBS Tires TBA

N. WEIGHT:

1. All cars to weigh a minimum of (1,750 lbs.) to be measured after the feature or at a GBS official's discretion, wet or dry with the driver in the driver seat with helmet as if race ready.
2. All attached on weight MUST be securely fastened to car in front of firewall between main frame rails and must be painted white with car number for identification.

O. MIRRORS/RADIOS/SCANNER:

1. Mirrors will be permitted.
2. The use of two-way radio communication is prohibited at all times and any communication between pit crew and driver will result in complete disqualification.
3. A one-way receiving radio scanner locked to **frequency 462.6000** is mandatory and must be operational at all times.

P. PAINTING/NUMBERS:

1. All cars must be professionally painted, neat in appearance and professionally lettered at all times.
2. Numbers must be approved by GBS OFFICIALS and must be professionally painted on both sides of the wing. Numbers must be 16" tall and offer contrast to the color of the car.
3. All car numbers must be registered with GBS OFFICIALS regardless if number competed in previous years.

NOTE: No carbon fiber or titanium permitted anywhere (titanium is permitted internally in the rearend). No aluminum bolts permitted. The use of traction control is prohibited. No cockpit adjustments of any kind (weight jacks, shocks, wing sliders etc...). **Brake adjusters are okay.**

V. SAFETY AND DRIVER RESTRICTIONS

A. SAFETY EQUIPMENT

1. Mandatory Items Required:
 - a. fuel cell with bladder. (Foam baffling recommended)
 - b. Quick release steering wheel.
 - c. Nomex Underwear.
 - d. One piece driving suit, minimum two layer, and gloves made of Nomex.
 - e. Full faced helmet, 2015 Snell SA equivalent or newer.
 - f. Arm restraints.
 - g. 5 point seat belts. No more than three years old.
 - h. Shoulder harness must loop frame at shoulder height.
 - i. Mandatory shut off switch within easy reach of the driver or the outside rescue crew in case of an accident.
 - j. Mandatory fuel line shut off valve, that clearly indicates "OFF", within easy reach of the driver or the outside rescue crew in case of an accident.
 - k. Mandatory shut off switch, that clearly indicates "OFF", within easy reach of the driver or the outside rescue crew in case of an accident.
2. Required items:
 - a. Aluminum full containment seat.
 - b. Roll bar padding.

c. Head and neck restraint.