



8655 Piper Rd, Punta Gorda, FL 33982

## **2021 - 602 Non Wing Sprint Car Rules**

### **A. FORWARD**

The purpose of the 602 Non Wing Sprint Car class is to promote and conduct sprint car races and other racing oriented events. In this pursuit, has formulated and adopted the General Safety, Competition, and Technical rules contained herein. These rules will become effective and enforceable as of the date of this publication and will constitute the rules and regulations that shall govern the conduct of all racing events of the 602 Non Wing Sprint Car class. All car owners, drivers, sponsors, crew members, and all persons involved in any way in a 602 Non Wing Sprint Car racing event, shall be deemed to have read, understood, and agreed to comply with these rules and any and all amendments, supplements, and/or revisions that may be implemented. It is, therefore, recommended that all of the above listed entities read the rule book carefully to assure familiarity with the rules and regulations contained herein. The rules and regulations as set forth herein are intended to establish minimum acceptable standards and requirements for all 602 Non Wing Sprint Car racing events. No expressed or implied warranties of safety shall result from the publication of or compliance with these rules and regulations. They are intended as a guide for conduct of the sport and are in no way a guarantee against injury or death to participants, spectators, or others.

### **B. RULES OF PROCEDURE**

1. The interpretation and application of all rules contained herein as well as all amendments, supplements, and revisions that may be implemented, shall be at the sole discretion of the 417 Southern Speedway officers and race director.
2. All cars are subject to inspection by the technical inspector and race director or their designee at any sanctioned event.
3. All cars, driver, and owners must be registered with 417 Southern Speedway with dues current and in good standing to compete in any 602 Non Wing Sprint Car event to receive points.

### **C. Chassis**

1. Dirt type. Or Asphalt style cars
2. Frame & body (including fuel tank) must be Sprint Car appearing.
3. Nerf bar on both side, 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 to the middle section.
4. 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 e bumper.
5. Engine, drive line & rear end center section mounted in centerline of frame. ½" tolerance
6. Shocks must mount from frame to axle on the outside of frame nothing in between except in the rear
7. Front Spindles may be steel or aluminum
8. No torque arms or open drive lines allowed. Approved torque tubes are mandatory.
9. Aluminum rear axles are allowed
10. Left side radius rods and torsion bars must run on outside of frame
11. Wheel base to be 84" – 92" maximum length and a 78" maximum width, offset of wheel to center of axle maximum 44"

## D. Engines

1. Unaltered sealed GM crate engine #88958602. Engine seal number must be documented with 417 Southern Speedway(even if the engine is completely sealed.)
2. Engines are to be purchased thru a certified supplier. All 602 Crate Engine conversions must be completed by 417 Southern Speedway or an approved party and will be sealed upon completions with 417 Southern Speedway approved seals.
3. 604 oil pan is permitted if installed and sealed
4. Rear of cam may be tapped to run sprint style fuel pump and power steering pump
5. Hel distributors with traditional coil and module only. Coil to remain inside the cap.
  - a. 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 as they came sealed 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 lose of all points accumulated that season.
10. 417 reserves the right to impound an engine at any time for evaluations and further tech. 417 also may exchange your engine for another if it deems that you may be at mechanical advantage.
11. Any engine that is found illegal will be forfeited to 417. Any illegal parts will also be forfeited.
12. All engines should be purchased/rebuilt and resealed by 417 Southern Speedway or its assigned representative.
13. The use of antifreeze is prohibited and can result in a one hundred dollar(\$100) fine.

## E. EXHAUST

1. Headers to be down tube sprint style only

## F. CARBURETOR:

1. Up to 750 CFM, must be box stock and must pass track gauges.
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. No Velocity Stacks
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

## G. 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. Top oil OK.
4. An approved fuel bladder is mandatory.
5. No gasoline, nitro, or nitrous systems.

## H. Suspension:

1. Four corner torsion bar only, torsion arms must lie on top of front axle. Torsion bars must run from side to side.

## I. AXLES:

1. Safety pins are required in the outer ends of the rear axle to keep the nut from coming off.

## J. STEERING:

1. Steering drag link must go from steering arm to pitman arm. Nothing in between.
2. Drag link tether mandatory.
3. Steering wheels must have a quick release hub.

## K. SHOCKS

1. Shrader valves are not permitted.
2. No bump-stop or bump spring technology permitted.
3. Shocks will have a \$100 claim per shock exchange.
  - a. Track has option to claim 1 or all 4 shocks and will be an outright buy, NO EXCHANGE.
  - b. Top 3 finishers will be subject to claim.
  - c. Must finish on lead lap to file claim.
  - d. Can not claim shocks on your 1<sup>st</sup> night.
  - e. Claim must be in writing stating what car and which shock(s)
  - f. Buddy claims will be disallowed and subject to Disqualification
  - g. Claim must be in CASH.
  - h. Claim must be made before push off of the A-Main

## L. BRAKES:

1. Brakes must be in good working order at all times.
2. Steel Rotors only. (Recommend Pavement Style Rotor's)

## M. Hubs:

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

## N. TIRES/WHEELS:

1. Chemically soaking of tire will NOT BE PERMITTED/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 12" front wheels. Maximum 18" rear wheels.
3. Bleeders are not allowed.

## O. WEIGHT:

1. All cars to weigh a minimum of (1,600 Lbs.) to be measured after feature or at a 4-17 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.
3. Dirt cars with 4 full torsion bars will receive a 50 (fifty) lbs. weight break. IE: minimum weight for dirt cars with full torsion bar set up will be 1550 lbs. weight break with driver sitting in normal driving position with ALL safety equipment in drivers lap.
4. Weight may be adjusted to equalize competition at any time.

## P. MIRRORS/RADIOS/SCANNERS:

1. Mirrors will not be permitted
2. The use of two-way communication is prohibited at all times and any communication between pit crew and driver will result in complete disqualification.
3. A one-way radio scanner locked to frequency 454.00000 is mandatory and must be operational at all times.

## Q. PAINTING/NUMBERS:

1. All cars must be professionally painted, neat in appearance and professionally lettered at all times.
2. Numbers must be approved by 417 OFFICIALS and must be on both sides of tail tank and front nose cone. Numbers must be 16" tall and offer contrast to the color of the car.

3. All car numbers must be registered with 417 Officials regardless if number competed in previous years.

**NOTE 1:** No carbon fiber or titanium permitted anywhere. No aluminum bolts permitted. The use of traction control is prohibited. No cockpit adjustments of any kind (weight jacks, shocks, etc.). Brake adjusters are okay.

**NOTICE/WARNING:** All part numbers must be visible and unaltered. If part number is not legible or had been altered in any way, it will be determined to be illegal and not permitted for use. If any items are found to be illegal, 417 Officials reserve the right to confiscate and illegal parts.

**Remember:** 417 and its officials reserves the right to change specifications/procedures/competition rules and add/or subtract cars to the field at any time. Those who sign-in and/or start in an event agree to be governed by these rules and all decisions of 417 and its officials.

## R. SOCIAL MEDIA POLICY:

In the ever so fast evolving world of digital media, social media can mean many things. Social media includes all means of communicating or posting information or content of any sort on the Internet, including to your own or someone else's web blog, journal or diary, personal web site, social networking or affinity web site, web bulletin board or chat room, weather or not associated or affiliated with 417, as well as any other form of electronic communication. The common forms of social media are Facebook and Twitter, but continue to evolve with Instagram, Snapchat and other forms of peer-peer and user generated content sites.

Even though these forums may seem informal, often they are home for people who choose to vent frustration. Ultimately, you are solely responsible for what is posted online from accounts managed by yourself, or those you may be responsible for (your children under 18). Before creating online content yourself and/or allowing others the ability to post online content for you. Consider some of the risks that you may pose. Keep in mind that any of your conduct that adversely affects 417, our track partners, our sponsors and all other members and participants of 417 may result in disciplinary action up to and including suspension.

**\*\*Please refer to General Safety and Code of Conduct Rules. They are part of these rules, and you are required to be knowledgeable of your class rules and the aforementioned rules above. If it does not say you can do it- DO NOT DO IT. Claiming ignorance will not reverse a decision. All 4-17 SSE Officials have the right to modify any rule for safety reasons or fairness in competition. Track Owners have power to make final decision regardless of any rule or inspection procedure\*\***