

# 2019 Senoia Raceway Rulebook - Late Model Sportsman

All drivers must adhere to the general rules, in addition to the division specific rules set forth below.

## BODY

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1. Stock appearing body – may be aluminum or steel.
2. Rear of body may be open.
3. Aftermarket nosepiece acceptable.
4. Spoiler may have a maximum size of 8" height and be no wider than the quarter panels.
  - a. Spoilers will be measured according to total length of and width of material, in any shape.
  - b. Gurney Flaps or Curls are allowed along the upper edge of the spoiler, but their length will be included in all measurements.
5. Three spoiler braces allowed. Braces must be triangular in shape, with maximum height of 8" inches and maximum length of 18" inches at base.

## FRAME AND RAILS

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1. Must have stock OEM snout body – does not have to match frame.
2. Frame rails may be replaced from snout to rear of the car with 2x2 tubing or 1 3/4" round tubing.
3. Minimum wheel base is 103".

## FRONT SUSPENSION AND STEERING

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1. Any upper control arm permitted.
2. Unaltered lower control arm for make and model required.
3. Any spindle allowed.
4. Must run 5" springs in stock location.
5. Weight jacks permitted.
6. OEM type steering boxes only. If rack and pinion used, must add additional 50 lbs. in front of the motor plate.
7. Any center link and tire rod allowed.
8. Only 1 shock per wheel and no canister shocks.

## REAR SUSPENSION

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1. Any rear suspension allowed.
2. No canister shocks.

## REAR END

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1. Any rear end allowed.

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## WHEELS

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1. Any steel or aluminum wheel with a 14" maximum width. Bead locks permitted.

## TIRES

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1. Hoosier D21, D55, 1350 and 1600.
2. Grooving, siping, and buffing tires permitted.
3. All numbers, codes, and manufacturer names must remain visible on the tire. No grinding off of numbers, codes or names. Any tire that has been altered will be illegal.
4. No tire softeners, or conditioners permitted.
  - a. Tires may not be altered using any natural or unnatural, hazardous or nonhazardous, components or chemicals that affect the factory set baseline settings of a given tire.
  - b. ALL competitors are subject to tire inspections.**
5. Tires available on race night or call 770-599-6161.

## BRAKES

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1. No carbon fiber or aluminum rotors allowed.
2. Any caliper permitted.

## EXHAUST/MUFFLERS – REQUIRED AT SENOIA RACEWAY

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1. Any commercially manufactured muffler – MUST register under 100 decibels.
2. Collector type headers only. No 180 degree headers, or TRI – Y headers.
3. No modifications and/or alterations to mufflers will be allowed. (No deliberate air leaks, vents, holes, etc.)
4. Any car that loses a muffler will automatically be disqualified.
5. Any car that is deemed too loud by track Officials under race conditions will be black-flagged.

## TRANSMISSION

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1. All transmissions must have at least one forward and one reverse gear with a releasable clutch. No in and out boxes.

## ENGINE SET BACK

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1. Most forward spark plug must be no more than 1" behind ball joint.
2. Must have original cross member in original position.
3. Drive line must be in center line of car.

## ENGINE

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1. Cast iron V8 block only.

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2. Maximum cylinder bore is 4.060.
3. Any main cap permitted.
4. May surface deck of block.
5. Piston can extend past deck of block .010"
6. 604 crate engine with seals is acceptable.

## CRANK

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1. Any cast or steel crank. Cranks must weigh 47 lbs. All cranks weighed with pilot bushing, cam gear, bolt and washer.
2. Must be standard stroke for production for engine.
  - a. Chevrolet – 3.48
  - b. Ford – 3.50
  - c. Chrysler – 3.58
3. No knife edging crank.
4. No turning down counter weights.
5. May balance engine.

## RODS, PISTONS & CAM

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1. Steel rods only.
2. Flat top pistons only.
3. Any flat tappet cam permitted.

## LIFTERS

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1. No roller or mushroom lifters.
2. Lifter must be OEM diameter for engine.
  - a. Chevrolet – .842
  - b. Ford – .875
  - c. Chrysler – .901

## TIMING CHAIN

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1. Any chain and gears no gear or belt drives.

## HEADS

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1. Cast iron heads only must have casting numbers.
2. May surface heads.
3. No CC limit.
4. Steel or stainless steel valves only.
  - a. Maximum valve size for Chevrolet – Intake 2.020, Exhaust 1.60
  - b. Ford and Chrysler valves must remain stock.
5. Steel retainers only.

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6. Guide plate and screw in studs permitted.
7. No aftermarket shaft or pedestal mount rockers allowed.
8. Racing valve job permitted – machine cut only.
9. No porting or polishing.
10. Straight plug only. Chevrolet part # 10239906 and 12558062. Or Engine Quest Chevrolet 350C and Chevrolet 350I. No Vortec Bowtie heads allowed.

## OIL SYSTEM

1. Wet sump oil pump in pan system only.
2. Remote filter and oil cooler permitted.

## FUEL PUMP

1. Block mounted mechanical pump only.
2. Belt driven fuel pump allowed. Must add 50 pounds.

## FUEL

1. Pump gas or racing fuel only. *(RACING FUEL AVAILABLE AT TRACK)*
  - a. Pump gas may contain up to 10% ethanol as allowed by law.
  - b. Gas must pass acid test.
2. E85 Fuel is allowed.
  - a. Fuel must check within 1% at any time checked, (MIN 84%ETHANOL-MAX 86% )
  - b. E85 MUST REMAIN NATURAL CLEAR COLOR, any sample taken of any other color will illegal.
3. No alcohol, methanol, nitrous oxide, or chemical additives including, but not limited to, propylene oxide, nitro methane, nitro propane, or any nitrate additives.

## INTAKE

1. Any single 4 barrel intake – no porting or polishing.
2. Any carburetor spacer permitted.

## CARBURETOR

1. 750 CFM max size. Carbs will be checked with go/no-go gauge.

## DISTRIBUTOR

1. OEM factory HEI, OEM factory single point distributor, or MSD Distributor and MSD Ignition Box Allowed.
2. Advance kits permitted.
3. No ignition booster or amplifier to ignition.
4. No dry cell battery pack to ignition.

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5. Alternator, if used, must be wired to battery. No loop system wiring to distributor.

## WEIGHT

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1. All cars must have specified weight posted on top left side of roof.
2. 2,650 lbs. minimum weight will be measured with driver in car.
3. Attached weight must be securely bolted to frame with at least 2 - ½" or larger bolts, and painted white or silver with car number clearly painted on them.
4. No weight may be attached to rear bumper.
5. No lead pellets or liquid weight.
6. No driver operated weight adjustment devices.
7. 50 lbs. weight break for head and neck restraint or full containment seat
8. One pound per lap weight allowance after race.
9. Track reserves the right to adjust weights in interest of competition should it deem necessary.

## FULL JIG AND/OR STOCK SNOOT LATE MODEL SPORTSMAN

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*Full jig frames and/or stock snout frames may compete in the Late Model Sportsman Division on a weekly basis, using the engine and chassis package listed below ONLY.*

## WEIGHT

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1. All cars must have specified weight posted on top left side of roof.
2. 2,400 lbs. minimum weight will be measured with driver in car.
3. Attached weight must be securely bolted to frame with at least 2 - ½" or larger bolts, and painted white or silver with car number clearly painted on them.
4. No weight may be attached to rear bumper.
5. No lead pellets or liquid weight.
6. No driver operated weight adjustment devices.
7. 50 lbs. weight break for head and neck restraint or full containment seat
8. One pound per lap weight allowance after race.
9. Track reserves the right to adjust weights in interest of competition should it deem necessary.

## ENGINE

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1. ONLY standard factory 602 GM sealed crate engines.
  - a. Must have original seals, GM seal bolts, or Crate USA seals to be eligible for competition.

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- b. Must comply with GM build and rebuild specifications.

## ENGINE SET BACK

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1. Engine setback will be 6" inches from the number one plug to upper ball joint
2. There will be a 1/2" inch tolerance on engine setback.

## CARBURETOR

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1. One dual line Holley – 650 CFM maximum.
2. 1" Carburetor Spacer ONLY allowed with this chassis package.
3. No porting or polishing of carburetor. Carbs will be checked with go/no-go gauge.

## IGNITION SYSTEM

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1. OEM factory type ATI or MSD ignition allowed with 602 only.
2. No magnetos – 6AL or 6A type ignition boxes allowed.

## SAFETY

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1. Approved helmet and full fire resistant driver's suit required.
  - a. 50 lbs. weight break for head and neck restraint and/or full containment seat.
2. All cars must have 3" inch seat belts with shoulder harness and must be attached to roll cage.
3. We strongly suggest that all cars have an approved fire extinguisher – securely mounted, within easy reach of the driver. A 5 lb. Halon System is recommended.