



2018 602 Late Model Sportsman Rules

****CHANGES** will be highlighted in **BLUE**.

****Last updated on 2-01-18.**

WEIGHT:

1. Factory Stock 602: 2400lbs.
2. Rebuilt 602: 2450lbs. Must have EAMS or Crate Racin' USA seals. NO engine claim.
3. All cars MUST have weight posted on RIGHT side of roof.

NOTE: 50 lbs. weight break for head and neck restraint and/or full containment seat.

ENGINE:

1. GM part number 88958602 FACTORY STOCK 602 GM sealed Crate Engine.
2. MUST have factory stock 602 GM seals
3. ANY tampering above the seal bolts will result in a 30-day suspension from EAMS.
4. ANY tampering inside the sealing system will result in a 1-year suspension from EAMS and engine will be confiscated.
5. 602 Assemble height must be no less than 1.70-inch if shims have been added.

ENGINE CLAIM:

1. Engine may be claimed for:
 - a. Current price of new engine \$3,850 (for the 2018 season)
 - b. \$100 fee to the Driver
 - c. \$100 fee to the Track
 - d. The fee MUST be paid in cash to the Chief Technical Inspector.
2. Claim will be made in writing ten (10) minutes following the completion of the racing event.
3. Must run in the top 3 to claim.
4. The driver having their engine claimed MUST finish the race AHEAD of the driver claiming the engine.
5. A driver can ONLY claim ONE engine per racing event.
6. Engine claim does NOT include: carburetor, water pump & pulleys, water neck, motor mounts, fuel pump, fuel pump rod & over and flywheel assembly.
7. NO claiming for others or group claims (pooling money together).
8. A claim will not be accepted should officials determine that the claim is made on someone else's behalf or the fee is from more than one party.
9. Failure to pull a claimed engine will result in the driver forfeiting ALL money for the event. The driver will be required to pay a fine of \$250 before they are allowed to compete again.

ENGINE POSITION:

1. 6-inch from center of ball joint to #1 spark plug, 1-inch tolerance.
2. There will be a 50-pound (mounted in front of the water pump) penalty for each ½ inch of setback beyond 7 inches of engine setback.
3. NO cars with more than an 8-inch engine setback will be allowed to compete.

CARBURETOR:

1. Any 4-barrel carburetor.
2. Engine must be naturally aspirated.
3. May use one carburetor spacer (1 inch-one piece with .040 tolerance maximum) and two standard paper gaskets (maximum 0.070-inch-thick), one gasket between intake to spacer and one gasket between spacer to carburetor.



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FUEL SYSTEM:

1. Stock type fuel pumps Carter M4891 or equivalent ONLY mounted in stock location.
2. Belt driven Power steering/Fuel pump OK.
3. NO electric pumps permitted.
4. Gasoline or racing gas ONLY. E85 OK.
 - a. NO CHP.
 - b. NO methanol, or alcohol.
 - c. NO nitrous oxide.
 - d. NO propylene oxide, or chemical additives.
5. Sunoco® racing fuel available at track on race night or during the week by calling 334-297-2594.

IGNITION SYSTEM:

1. Any Electronic Ignition System, MSD or HEI.
2. NO magnetos.
3. NO traction control.

EXHAUST SYSTEM:

1. Collector type headers ONLY.
2. NO 180, zoomies, Tri-Y or merged collector headers.

TRANSMISSION:

1. Standard 4 speed or automatic transmission.
2. After market SAFETY bell housing and automatic cases permitted.
3. Bert or Brinn transmission allowed.
4. Transmissions MUST have 2 working forward and a reverse gear.
5. NO Tex, Jerico, or Quick Change transmissions.
6. Ball spline transmission's MANDATORY to run a carbon fiber drive shaft. (This is a safety requirement.)

REAR END:

1. Standard quick change rear end permitted.
2. NO Titanium or exotic material axles, spools, gears, or other materials inside rear end.

FRAME:

1. 103-inch wheelbase minimum, 1-inch tolerance.
2. Any Late Model Chassis allowed, Square tube or Round tube.
3. NO aluminum frames.
4. Square tube frames must be a minimum of 2-inch by 2-inch tubing.
5. Round tube must be a minimum of 1 3/4-inch tubing.
6. Full racing roll cage MANDATORY. 1 1/2 OD x .090 steel tubing minimum.
7. Stock front clip cars allowed with stock 602 engine ONLY.

SUSPENSION:

1. Standard Late Model suspensions ONLY.
2. NO spring loaded or shock type 4 bar rods.
3. Only standard solid bar 4 bar rods.
4. NO torsion bar front or rear suspension.
5. Standard one-piece bird cages; NO split bird cages.
6. May run ONE of the following rear suspensions: 5th coil or torque link, NOT both.
7. One (1) coil spring per wheel.



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8. One (1) take up spring and slider per wheel including the 5th coil.
9. NO bump stops or bump springs allowed on any corner except RF.
10. May run ANY bump stop on RF (Shims, Washers, and/or Spacers OK).
11. NO stack springs on any corner including the 5th coil.
12. NO progressive springs.
13. NO spring rubbers.

SHOCKS:

1. One (1) working shock per wheel except left rear (LRF OK).
2. One (1) 5th coil shock ONLY.
3. NO single adjustable or double adjustable shocks allowed.
4. NO canister style or remote adjustable shocks permitted.
5. NO externally adjustable shocks.
6. Schrader Valve shocks OK.
7. NO internal bump stops.
8. NO air shocks or spring cages allowed.
9. NO "Thru Rod" or inerter shocks.
10. One (1) 90/10 shock allowed to be mounted on top of rear end.

BODY:

1. NeSmith Crate Racin' USA body rules apply. See: <http://nesmithracing.com/sportsman/wp-content/uploads/2017/12/2018-Late-Model-Sportsman-Rules.pdf>
2. Light tube bracing behind bumpers.
3. NO pipes or push bars in front of bumpers.
4. Must have front and rear tow hooks.
5. All body panels must be solid, NO holes, slots or air gaps.

SPOILER:

1. Rear spoiler MUST be manufactured of a sturdy material such as lexan, or aluminum.
2. Rear spoiler material can be 8-inches wide maximum of total material, measured from deck to tip of material. Maximum width of spoiler is 72-inches wide.
3. Rear spoiler CANNOT be mounted above the deck to create a wing effect.
4. Spoiler MUST begin where quarter panels end. NO extended decks.
5. Spoiler supports must be a maximum of 18-inches long across bottom, measured where support meets deck. Maximum 3-inches high in front, and a maximum of 8-inches at its highest point, at rear measured from top of rear deck.
6. Supports may be squared off at top of support at the rear, 6-inch wide maximum. Top edge may be rolled or lipped a maximum of 1-inch for added strength and support.

WHEELS AND TIRES:

1. ANY wheel, 14-inch maximum width.
2. Bead lock permitted ANY position.
3. Wide 5 wheels and adapters permitted.
4. Hoosier Crate 21; Hoosier Spec 1350; Hoosier Crate 55
5. Hoosier Open 1350 penalized 25lbs.
6. NO inner liners.
7. NO tire softeners permitted. Tires will be subject to lab testing at any time to determine legality.
8. Tires available at the track on race night or during the week by calling 334-297-2594.



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NOTE: Tires must conform to benchmark when tested. No alteration of any kind is permitted.

SAFETY:

1. Full roll cage REQUIRED. Brace bars may pass through firewalls.
2. All weights MUST be bolted on with 3/8-inch bolts minimum and painted white.
3. Racing seat with 3-inch 5-point racing belt and shoulder harness required.
4. Seat MUST be fastened to roll cage and not to floor.
5. Battery may be moved but MUST be strapped securely with metal straps and completely covered if in driver's compartment
6. Only approved full face racing helmets will be allowed. MUST have Snell rating of SA2010.
7. Full fire suit MANDATORY.
8. Raceceiver are MANDATORY.
9. All cars MUST be equipped with a fully charged 2 lb. minimum fire extinguisher in good working order and installed within easy reach of the driver.
10. All cars MUST meet the safety requirements as outlined in Section D of General Track Rules for all divisions.

PROTEST PROCEDURES:

1. A protest shall be brought to the attention of speedway officials in writing by a driver or car owner participating in said race ONLY.
 - a. Technical and visual protests will be brought to the attention of the Chief Technical Inspector.
 - b. Scoring protests will be brought to the attention of the Chief Scorer.
 - c. Other safety or rule violations will be brought to the attention of the Chief Pit Steward and/or the Race Director.
2. Visual protests shall be made in writing prior to the start of the first heat race for that division. ANY visual protest made after the start of the first heat race shall be VOID.
3. A visual protest shall be interpreted to mean any components or equipment which is outwardly visible, including that located underneath hoods or other covered areas that is accessible to observations without the use of tools. AMS has sole discretion in interpretation of what constitutes a visual protest. AMS has the right to inspect cars for visual violation of the rules at any time.
4. Technical protests (to include Fuel or Tire protests) will be made in writing ten (10) minutes following the completion of the racing event.
5. Reverse protesting is allowed, if counter protest is filed, first place car will tear down first, if found illegal, then counter protest is voided, and all protest monies will be refunded. If first place car tears down, and is found legal, then second place car must tear down. Only 1 member from each crew is allowed inside fence area. Protested car may have 2 additional persons to help with teardown. Any misconduct from either team may result in disqualification or forfeiture of protest.
6. Any driver found illegal or refusing to teardown three times in one season will not be allowed to race until proving legality by tearing down. Driver will not receive compensation for the teardown.
7. If deemed necessary, track may require teardown of any car to prove legality. Track will provide gasket set.
8. Scoring protests must be made within ten (10) minutes after the official finish has been posted. Only a participant in said event may file a protest or have the official scoring checked. Scoring protests will only be done in an orderly manner. NO ARGUING! Any disorderly conduct will result in disqualification and/or suspension.
9. Impounding of an engine or race car, for a later inspection date will be at race tracks sole discretion. All protest fees will be held by management until inspection is completed. Date and time of inspection will be agreed on by all parties or protest will be void. Refusal of impound or inspection, will result in disqualification.
10. ALL protests must be paid in cash.



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11. ANY car protested MUST be ready for inspection within thirty (30) minutes from the time the protest is brought to the attention of officials (UNLESS it is a Fuel or Tire protest and that will be conducted immediately) or the car WILL be disqualified.
12. Drivers found illegal during protest or refusing to tear down WILL result in disqualification, forfeiture of all prize money, and points won for the event.
13. Must finish in top 3 to be eligible to protest.
14. Must protest top end to protest bottom end.
15. Built Engine Protest:
 - a. Top End \$350: Track Retains \$125
 - b. Top and Bottom \$800: Track Retains \$400
16. Crate Engine protest:
 - a. Top End \$400: Track Retains \$200
 - b. Top and Bottom \$900: Track Retains \$450
17. Visual Protest: \$50 retained by Track
18. Fuel Protest: \$100 retained by Track
19. Tire Protest: \$250 (per tire) retained by Track