



2019 VSP 602 Late Model Rules

General:

- A. Raceceivers must always be used on track.
- B. Transponders must be mounted on RR Axle tube.
- C. Drivers must remain in car at all times when on track, unless instructed by track personnel or on fire-Automatic disqualification if violated.

Weight:

- A. 2400lbs.
- B. 1lb per lap burn-off-Feature only
- C. 25lb weight break for 5lb Automatic Fire Suppression System
- D. 50lb weight penalty for Belt driven fuel pump.

Engine: GM 602 Crate Only

- A. These engines are sealed at the intake manifold, cylinder head, front cover, and oil pan with special twist off bolt heads. Crate engines must not be altered, modified, or changed from factory specs.
- B. The penalty for anyone tampering with, or modifying any internal engine parts, changing the parts from stock as delivered sealed from the factory will be subject to expulsion from any racing event for the remainder of the season. This can also be reason for a fine or suspension from the track.
- C. No changes are allowed to the engine, intake manifold, heads, valve covers, front cover, oil pan, harmonic balancer or any other part/or parts on/in engine.
- D. No vacuum pumps.
- E. All crate engines must remain stock as they came sealed from the factory. Crate engines must not be altered, modified or changed from the factory specs. Must meet GM/Crate USA engine specs

Carburetor:

- A. Any 4-barrel carburetor.
- B. Engine must be naturally aspirated.
- C. May use one carburetor spacer (1" maximum) and two standard paper gaskets (maximum 0.070-inch-thick), one gasket between intake to spacer and one gasket between spacer to carburetor. Spacer may not protrude into intake in any way.

Fuel System:

- A. Stock type fuel pumps Carter M4891 or equivalent ONLY mounted in stock location. **Belt driven pump add 50 lbs.** No electric pumps permitted.
- B. Pump gas or racing fuel. E-85 ok. No Methanol or alcohol.

Ignition:

- A. Any Electronic Ignition System, MSD or HEI.
- B. No magnetos.
- C. NO traction control.

Exhaust:

- A. Collector type headers ONLY. NO 180, Zoomies, Tri-Y or merged collector headers.

Transmission:

- A. Standard 4 speed or automatic transmission. After market SAFETY bell housing and automatic cases permitted.
- B. Bert or Brinn Transmission allowed.
- C. Transmissions must have 2 working forward and a reverse gear.
- D. NO Tex, Jerico, or quick-change transmissions.
- E. Ball spline transmission's Mandatory to run a carbon fiber drive shaft. This is a safety requirement.

Rear-end:

- A. Standard quick change rear end permitted. No Titanium or exotic material axles, spools, gears, or other materials inside rear end.

Engine Position:

- A. 6 ½" from center of ball joint to #1 spark plug, ½" tolerance. 50lb weight penalty for every ½" out of tolerance mounted in front of water pump.

Frame:

- A. 103" wheelbase minimum, 1" tolerance.
- B. Any Late Model Chassis allowed, Square tube or Round tube. NO aluminum frames, square tube frames must be a minimum of 2"x 2" tubing, round tube must be a minimum of 1 3/4" tubing. Full racing roll cage mandatory, 1 1/2 OD x .090 steel tubing minimum. C. Stock front clip cars allowed with stock 602 engines only.

Suspension:

- A. One working shock per wheel except left rear. NO single adjustable or double adjustable shocks allowed. NO canister style or remote adjustable shocks permitted. NO externally adjustable shocks. NO bump stops or stack springs.
- B. May run 1 of the following rear suspensions, 5th coil or torque link, NOT both. 1 90/10 shock allowed to be mounted top of rear end. C. \$200 per shock claim rule.
- C. Standard Late Model Suspensions only. No Spring loaded or shock type 4 bar rods. Only standard solid bar 4 bar rods. No torsion bar front or rear suspension. Sway bar OK.

Body:

- A. NeSmith/Durrance Layne Crate Racine USA body rules apply.
- B. Light tube bracing behind bumpers. NO pipes or push bars in front of bumpers.
- C. Spoiler 8" maximum height, 8" maximum width on side pods.
- D. Must have front and rear tow hooks.
- E. All Body Panels Must Be Solid, No Holes, Slots or Air Gaps.

Wheels and Tires:

- A. Any Wheel, 14" maximum width. Bead-lock permitted any position.
- B. Wide 5 wheels and adapters permitted.
- C. Hoosier Spec 1350 or Spec 1600. Hoosier Spec 21 will be allowed through 5-31-19.
- D. Grooving and siping ok. No chemical treating or altering. Subject to durometer testing and sampling.

Safety:

1. Must have full containment seat.
2. Must have an approved Head and Neck restraint system.
3. 25lb Weight break for a 5# Automatic Fire Suppression system.
4. Must have 5-point harness dated 2014 or newer.
5. Must wear SFI approved Fire suit, gloves and shoes always while on track.

Disclaimer:

It is stated in the rules above what you can do to your car. Please consult tech-man for certification only. If not in writing, no "he said/she said" is acceptable by management. All tech decisions are final and a disqualification means ALL money, prizes, and points are forfeited.

All drivers visiting track for first time must go through Pre-Tech and state their package and weight. Tech-man will inspect, evaluate and make a decision on accepted package and weight. Sticker will be applied to car for post-race with weight. Tech-man will record and compare after each race. If you change your package you must go back through tech to record.

No grinding or defacing of any casting numbers. Any engine parts with missing or altered casting numbers are illegal regardless of the reason.

Tech inspector will weigh and inspect various parts of Top finishing cars every week after heats and features. A competitor may file a protest to further inspect cars and engines.

Crate Engine Protest: \$150 to vacuum test, rate valve springs, compression test and verify seals. (Further inspection and teardown will be decided by track officials and tech inspector).

Crate Engine Claim: \$3850 claim rule on 602 GM crate engine-\$150 to track. Will be delivered as it comes from GM-no accessories. Must finish in TOP 5 to claim-May only claim a higher finishing competitor.

All Protests must be Submitted to Tech Inspector at Scale Shed within 10 minutes of completion of feature. All Protest must be submitted in writing and have the cash in hand. All Counter Protest must be submitted in writing and with cash in hand with in 10 minutes of original protest. Track officials and tech inspector reserve the right to inspect and teardown any car at any time. Management is committed to maintaining a fair and even playing field for all competitors and will consistently be researching and evaluating all facets of tech inspection.

