

2020 Patriots Park Raceway

602 Sportsman Late Model Rules

ABSENCE OF A SPECIFIC RULE DOES NOT IMPLY CONSENT, APPROVAL OR PERMISSION REGARDING THE SUBJECT AND ANY DOUBTS OR QUESTIONS ABOUT IT SHOULD BE DIRECTED TO THE TRACK OFFICIALS.

TRACK RESERVES THE RIGHT TO CHANGE RULES AT ANYTIME.

THE TRACK RESERVES THE RIGHT TO ADD WEIGHT FOR ANY INFRACTION

HEAD AND NECK RESTRAINTS REQUIRED, WINDOW NETS RECOMMENDED

ALL DRIVERS MUST WEAR A RACING HELMET, ONE OR TWO PIECE FIRESUIT, RACING GLOVES AND RACING SHOES DURING COMPETITION.

ALL CARS MUST HAVE A FIRE EXTINGUISHER IN DRIVERS COMPARTMENT.

ALL RACERS MUST HAVE A 10LB FIRE EXTINGUISHER IN THEIR PIT AREA.

WEIGHT:

2400lbs WITH DRIVER.

- 1) ALL WEIGHTS MUST BE PAINTED WHITE.

ENGINE:

- 1) CRATE ENGINES MUST NOT BE ALTERED, CHANGED OR MODIFIED FROM FACTORY SPECS.

THESE ENGINES ARE SEALED AT THE INTAKE MANIFOLD, CYLINDER HEADS, FRONT COVER AND

OIL PAN WITH SPECIAL TWIST OFF BOLT HEADS.

- 2) NO CHANGES ALLOWED to the engine, heads, valve cover, intake manifold, front cover, oil pan, harmonic balancer or any other part or parts in or on the engine.

- 3) NO vacuum pumps

- 4) Crate engines **MUST** remain stock, sealed from the factory.
Crate engines **MUST NOT** be altered, changed or modified in any way from factory specs.
MUST meet GM/Crate USA engine specs.
- 5) Penalty for anyone modifying or tampering with internal engine parts, or changing from stock factory sealed engine will be subject to a fine, suspension or expulsion from the track for the remainder of the season.

ENGINE POSITION:

- 1) 6 1/2" from center of ball joint to #1 spark plug, 1/2" tolerance.
- 2) 50lb weight **PENALTY** for every 1/2" out of tolerance mounted in front of water pump.

CARBURETOR:

- 1) ANY 4 BARREL CARBURATOR
- 2) MAY USE ONE (1) CARBURATOR SPACER (1" maximum) AND TWO (2) STANDARD PAPER GASKETS (max 0.070 inch thick), ONE (1) GASKET BETWEEN INTAKE TO SPACER AND ONE (1) GASKET BETWEEN SPACER TO CARBURATOR.
- 3) ENGINE MUST BE NATURALLY ASPERATED.

IGNITION SYSTEM:

- 1) Any Electronic Ignition System, MSDor HEI
- 2) **NO** Traction controls
- 3) **NO** Magnetos

FUEL SYSTEM:

- 1) Stock type fuel pumps Carter M4891 or equivalent **ONLY**.
Mounted in stock location. Belt driven pump add 50lbs.
- 2) **NO** electric fuel pumps allowed
- 3) Pump gas or Racing fuel. **NO** Alcohol or Methanol permitted.
- 4) Fuel with a specific gravity of .762 or greater will be disqualified.

EXHAUST SYSTEM:

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

TRANSMISSION:

- 1) Automatic transmission or standard 4 speed
- 2) Brinn or Bert transmissions allowed
- 3) After market **SAFETY** bell housing and automatic cases allowed.
- 4) Transmission **MUST** have 2 forward working and a reverse gear.
- 5) **NO** Jerico, Tex or Quick Change transmission.
- 6) Ball spline transmission **MANDATORY** to run a carbon fiber drive shaft. **SAFETY**

REQUIREMENT !!

REAR END:

- 1) Standard Quick Change Rear End.
- 2) **NO** Titanium or exotic material axles, spools, gears, or other materials
inside the rear end.

FRAME:

- 1) **FULL RACING ROLL CAGE MANTATORY** minimum of 1 1/2" OD x .090 steel tubing
- 2) **NO** aluminum frames.
- 3) 103" wheelbase minimum, 1" tolerance
- 4) Any late model chassis allowed, round tube or square tube.
Round tube frames **MUST** be minimum of 1 3/4" tubing
Square tube frames **MUST** be minimum of 2" by 2" tubing
- 5) Stock front clip cars permitted with stock 602 engines **ONLY.**

BODY:

- 1) NeSmith Crate Racing USA body rules apply
- 2) Light tube bracing behind bumpers
NO pipes or push bars in front of bumpers
- 3) Spoiler 8" maximum height, 8" maximum width on side pods.
- 4) All body panels **MUST** be solid, no holes, slots or air gaps
- 5) **MUST** have front and rear tow hooks
- 6) All body panels must be solid, no slots, holes or air gaps.

SUSPENSION:

- 1) Standard late model suspension only, (4 bar, 2- Link, Swingarm, Ect....)
- 2) **NO** spring loaded or shock type 4 bar rods. Only solid 4 bar rods allowed.
- 3) **NO** Torsion bars in front or rear of car.
- 4) One (1) Mechanical traction device allowed. Either 5th coil torque link or Pull bar. (**NOT BOTH**)
One (1) 90/10 shock permitted to be mounted over rear end.
- 5) One (1) Coil spring per corner, One (1) coil spring for 5th coil and One (1) coil spring for 6th coil
Allowed.

- 6) LR in front shock allowed.
- 7) **NO** Stack Springs allowed.
- 8) Spring Rubbers allowed.
- 9) Bumpstop allowed on RF **Only**. Packer/Shims allowed on RF.
- 10) One (1) Bumpstop washer Only allowed on LR, RR and LF as a shock saver to prevent Rod-End Jam Nut from damaging Rod Guide. (1/8" Thickness Max).

SHOCKS:

- 1) Seven (7) Shocks Maximum allowed on car (1 LF, 1 RF, 1 RR, 2 LR, 1 5th Coil and 1 over Rear End).
- 2) Shocks can be Steel or Aluminum.
- 3) Non adjustable Shocks **ONLY**. **NO** Remote Reservoirs.
- 4) **NO** Thru Rod or J-Damper Shocks allowed.
- 5) Schrader Valves or Piercing Valves for gas adjustment allowed.
- 6) **NO** Air Shocks.

SHOCK CLAIM RULE: \$200 Per Shock

You Must finish on the lead lap and in the top three to claim shocks. Any driver finishing in the Top 3 may claim the shocks of any driver finishing in the Top 3. Claim **WILL NOT** include Spring Or Coilover Kit. It **Does** include any Bump Stops or Shock Extensions that are mounted To the Shock.

WHEELS AND TIRES:

- 1) Any wheel, 14" maximum width steel or aluminum. Bead lock permitted.
- 2) Must be mounted to hub with lug nuts. **No** knock offs or center lock wheels.
- 3) Hoosier spec D21 and D55, Crate Racin USA 21 and 55, spec 1350 and 1600.
Spec 70 and NRM 70 on right rear only.

Hoosier	Crate Racin USA
Spec D21 and D55	21 and 55
Spec 1350 and 1600	

- 4) Grooving and Siping **IS** Allowed.
- 5) **NO CHEMICALS/TIRE TREATMENT ALLOWED.**

CLAIMER RULE:

\$3500 for 602 Motor

PROTEST:

Check Valve Springs \$200

P&G \$200

Bore Scope \$100

Camshaft (Ck Int/Exhaust) \$200