

2020 Patriots Park Raceway

Pure Stock 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 RECOMMENDED, 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.

Wheelbase:

- 1) Factory car with a minimum stock factory wheelbase. (+ / ½ ")

WEIGHT:

- 1) 3200lbs. 602 Crate engines 3200lbs. Crate engine must meet GM/Crate.
- 2) **ALL WEIGHTS MUST BE PAINTED WHITE.**

CAR and Body:

- 1) Must have 1960 or newer sedan or sport Coupe
- 2) Body must be stock appearing for make of car
Major infractions will carry weight adds.
- 3) May use aftermarket steel or aluminum body.
May use aftermarket nose and tail piece.
- 4) Factory appearing body with no raised fins or lips on body or interior. May run aftermarket plastic nose. Speedway part number for Monte Carlo 91054722. Part for Camaro 91054824.
- 5) **No** flare nose pieces.
- 6) USA Specs. Track may make weight adjustments if deemed necessary.
- 7) ALL Doors Must Be welded shut.
- 8) Stock unaltered floor pan to rear of driver must be retained. Car may be hulled beyond driver seat and left open
- 9) Driver compartment may be boxed.
- 10) **NO radios, mirrors or glass.**

- 11) Stock dashboard ok. May be replaced with sheet metal.
- 12) Must have stock bumpers.
- 13) Must have front and rear tow hooks.
- 14) Maximum 6-Inch spoilers are allowed. 12" L sideboards with 6" high.
- 15) Full containment seat and Hans 50lbs weight break. **MUST HAVE BOTH TO GET WEIGHT BREAK.**
- 16) For drivers' safety, **ALL CARS** are **REQUIRED** to have at least a 4-point roll cage.
- 17) Roll cage must be welded to frame rails and all connections must be fully welded.
- 18) **ALL** cages must be minimum diameter of 1 ½ and minimum wall thickness of .090.
- 19) A minimum of 3 horizontal bars is **REQUIRED** in the drivers' door.
- 20) A minimum of 2 horizontal bars is **REQUIRED** in the passengers' door.
- 21) **MUST HAVE** 3-point quick release type seat belt and shoulder harness of at least 3" wide.
- 22) Belts must have date code no older than 5 years.
- 23) Complete bumper-bumper steel unibody must be retained. Tying Unibody together ok.

EXHAUST:

- 1) Headers ok must be parallel with the ground.
- 2) **NO** Try (Y) or neck down headers allowed on collector.

CARBURETOR:

- 1) Must be for make and model of car. Can remove Choke butterfly. **NO** porting and polishing.
- 2) 1850 Holley ok
- 3) Rear metering block may be added.
- 4) Duel feed bowls ok
- 5) Main body and base plate must meet stock Holley specs.
- 6) Stock butterfly and uncut brass screws.
- 7) Spacer or adapter 1" maximum.
- 8) Gaskets and spacer **CAN NOT** exceed 1.350".
- 9) **NO** screw in air bleeds.
- 10) 602 crate engine any 4-barrel carburetor. May use one (1) one-inch spacer. Maximum for spacer and gaskets is 1.35 inch.

INTAKE:

- 1) Cast iron Stock type **ONLY**.
- 2) **NO** bowtie or marine.
- 3) **NO** high rise.
- 4) **NO** porting and polishing.
- 5) Edelbrock aluminum intake part # 2101 ok.

FUEL:

- 1) Pump gasoline or racing gasoline **ONLY**.
- 2) **NO** additives.

TRANSMISSION:

- 1) Stock type transmissions ok or BERT or BRIN transmission ok.
- 2) May run Nodule Iron Flywheel.
- 3) Triple disc clutch ok with stock type transmission.
- 4) Must run automatic flywheel.

REARENDS:

- 1) Stock rear end. Lock rear end ok. Changing of gears ok.
- 2) 9" Ford rear floater ok.
- 3) Stock style disc brake only.
- 4) Steel hats only.
- 5) Aftermarket brake rotors ok.
- 6) C Clip eliminators ok.

ENGINE:

- 1) Engine must be in line with top ball joint and #1 spark plug. **NO** tolerance.
- 2) Engine block must be strictly stock for that make and model. GM in GM. Ford in Ford.
- 3) Cast pistons only, may be Hypereutectic – stock replacement only. Four Eyebrow Pistons **ONLY**. Eyebrow size must be consistent for all 4 eyebrows. KB198 pistons ok. Rings must have a Minimum 1/16th and 3/16th.
- 4) Floated pins allowed. Any factory 4 brow pistons ok. **NO** forged piston allowed. **NO** milling the top of piston, may fly cut for valve relief – 2 each.
- 5) Cam lift .425 intake/.425 exhaust maximum. **NO** tolerance. Stock diameter Hydraulic Lifters Only. **NO** 4/7 crossfire cams. Valve lash .000.
- 6) Piston deck height .000" Open chamber heads, 70cc minimum, 3 angle valve job ok, cut must **NOT** Exceed 1" below seat.
- 7) RHS head # 12400-70cc minimum. Runner must maintain factory specs.
- 8) Engine quest head # CH-350-I will supersede RHS head which has been discontinued. Same spec As RHS head.
- 9) Intake runner Max 165cc. Exhaust runner Max 65cc. All heads except RHS and engine quest.

- 10) **NO** angle plug heads or aftermarket head except RHS 12400 and CH-350-I.
- 11) Intake runner Max. 1.78. Combustion chamber 70cc, exhaust 70cc.
- 12) **NO** porting and polishing on heads.
- 13) Must have straight stem valves. **NO** pro-flow, **NO** race-flow, **NO** hollow stem, **NO** bead lock Retainers or undercut valve stems. .010 max. stem. Valve size 1.940 intake 1.500 exhaust. **NO** lightweight valves allowed.
- 14) **NO** cut marks lower than one (1) inch below seat.
- 15) Stock type rockers. Roller tips ok. Long slot ok 1.5 ratio.
- 16) May run screw in studs and guide plates.
- 17) Any retainers and locks. **NO TITANIUM.**
- 18) May run poly locks. Stud girdles ok.
- 19) Stock appearing valve springs + .020 max. **NO BEEHIVE** type.
- 20) **NO** double valve springs.
- 21) May run true roller timing chain and gears.
- 22) Engine balancing ok.

- 23) High performance parts limited to items listed.
- 24) **NO** 400 engines.
- 25) **NO** Big blocks.
- 26) Rods: shock rods, stock length. SR Eagle or Scat 3/8 bolt or cap screw.
- 27) Crankshaft stock stroke. Cast or steel crank. 350 must weigh 47lbs. Scat or Eagle ok. Must be run as produced, counterweights must not be windage out when balancing Angles cannot be altered.
- 28) All cranks will be weighed with pilot bushing, cam gear, bolt and washer.
- 29) Stock type distributor (module, pickup, coil one unit for MSD).
- 30) REV. limiter ok. **MUST NOT** be mounted in driver compartment.
- 31) SFI approved balancer must be run.
- 32) 602 Engines that are suspected of illegal parts **WILL BE** pulled and inspected by PATRIOTS PARK RACEWAYS official crate appointed inspector when all parties can be scheduled after the race. **CALLS BY THE INSPECTOR WILL BE FINAL.**

BORE:

- 1) Engines allowed .060 bore plus .010 wear.

Suspension:

- 1) Adjustable cups on front ok, not screwjacks .
- 2) Screwjacks on rear ok.
- 3) Stock or aftermarket trailing arms ok.

- 4) Upper trailing arms must be adjustable.

- 5) Upper trailing arms may run offset bushings or monoballs.
- 6) Lower trailing arms must utilize stock mount on chassis and must be stock length non-adjustable.
- 7) Lower trailing arms can be no more than 2 ¾" from bottom of axle tube to center of trailing arm bolt (+ / - ½") .
- 8) Top trailing should be 3" from top of rear end housing to center of trailing arm bolt (+/- ½") .
- 9) center of axle tube to center of upper trailing arm bolt should be 7 ¾" (+ /- ½").
- 10) Both upper trailing arms should be same length and both lower trailing arms should be the same length. No leading or trailing of rearend.

- 11) No adjustable leaf spring sliders or adjustable lowering blocks on leaf spring cars.
- 12) May run any non-adjustable tubular or stock style upper control arm, but must have cross shaft.
- 13) Lower control arms must be stock type stamped steel, no racing type lowers.
- 14) Upper control arm mounts may be adjustable.

Shocks

- 1) Any rebuildable steel shock (**NO** Schrader valves or piercing valves).
Outboard shocks are allowed.
- 2) **NO** coilovers or aluminum body shocks.
- 3) Heim end shocks on rear ok. Both leaf spring and coil spring cars must
Have shocks in stock location.
- 4) May extend shock thru factory mounting location to accommodate Heim
joint.

TIRES:

- 1) Hoosier H 500 **ONLY**. (8.0/26.5-15 or 8.0/27.0-15 or 8.0/27.5-15).
- 2) **NO TIRE TREATMENT ALLOWED – TRACK RESERVES THE RIGHT TO CUT
TIRE SAMPLE AT TRACK DISCRETION.**

Protest/ claim rules

\$400 top end/ \$400 bottom end – any engine combination

Crate engine claim rule will be \$3900. Any car finishing on the lead lap may
Claim any engine that finishes on the lead lap. *this rule will not be abused*

Shock claim rule will be \$100. Any driver finishing in the top 3 may claim shocks from any car
finishing in the top 3.

Tire protest fee will be \$150. Any driver finishing in the top 3 may protest the tires
of any driver finishing in the top 3.

To check the following:

Valve springs \$200

P&G \$200

Bore Scope \$100

Camshaft (check int/exhaust) \$200

Any protest/claim must be turned into head tech official within 10 minutes of their
Features' checkered flag.

Any driver that refuses any claim/protest will be disqualified automatically.

