



Sportsman RULES

Sportsman Rules

RULE BOOK DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

The Management of **Golden Mountain Speedway.**

This division is intended to be an entry level, affordable Late Model Division.

Body Rule:

- Lucas Oil Series Body Rules
- Engine A: 604 or 602 GM Crate
- Must remain stock as they came from GM. Must remain as listed in GM technical manual p.n. 38958668. FasTrak and Durrence Layne specs are legal. Rebuilt motors are allowed. Seals not required.
- Weight:
- 347 Ford Crate engine- 2350lbs minimum



Sportsman RULES

- 604 crate engine- 2350lbs minimum
- 602 crate engine- 2250lbs minimum
- Engine B: 362 max cubic inches
- Weight: 2400lbs minimum
- **All people running the crate engine packages must have the seals on the engine as it comes from Chevy or Ford and no alterations of the interior components are allowed on them. No break away bolts are allowed for the seals.**

Block:

- GM Cast Steel Block. No aftermarket blocks.
- One- or two-piece rear seal, no block lighting, no splayed main caps
- All Components must remain in stock location
- No raised or oversized cam journals
- No oversized lifters. (.842)
- Max bore 4.065 Stock. stroke 3.480

Heads:

- Any Steel GM 23-degree head
- Steel aftermarket heads allowed – add 25lbs.
- Angle milling allowed, not to exceed 1 degree
- All heads must remain as cast
- Steel or Stainless-Steel valves only – no titanium or other materials
- Undercut stems allowed – no hollow stem
- Max valve size 2.02/1.60 must remain
- 11/32 stem diam.
- No bump stop type valve stem seal
- 60cc minimum limit on combustion chamber – 195cc max limit on intake runner
- No porting, polishing, grinding excessive deburring in any breathing area



Sportsman RULES

- No shot peening, no media blasting
- Heads may be deburred on outside areas only
- Valve spring pockets may be machined – Max spring pressure 105lbs at seat
- Multi-Angle valve job permitted machine cut only
- Max .900 below seat measurement to start at bottom of second angle or 45 degrees
- No hand blending allowed
- All angles must remain concentric with valve guide
- May be machine for push rod clearance
- No shaft style rockers, stud style only
- No raised runners Intake Manifold:
- Intake must be cast aluminum
- Porting or polishing not allowed
- Two-piece manifolds not allowed
- Intake manifold must be cast with no spacer plates between the head and the manifold itself. No fabricated intakes.

Rods:

- Steel Rods – 5.700 Length only
- I-Beam Style – Press fit pins or floated rods
- No titanium or aluminum
- Piston Flat Top 2 or 4 valve pocket style

Oiling Systems:

- No dry sump
- No vacuum pumps
- No external pumps



Sportsman RULES

Crankshaft:

- Steel – stock stroke (3.480)
- Minimum weight 48lbs. with key & front timing gear Balancing o.k.

Cam – Lifter:

- Hydraulic Only Max Valve Lift .460" – checked at push rod
- 0.842 lifter diameter only
- No mushroom lifter
- No ceramic lifter
- No roller lifter
- Cam bearing journals must be OEM (1.868) Timing chain only, no gear drive, no belt drive

Carburetor:

- ENGINE A OR B
- One 4-barrel 4150 style, gas, or E-85.

Distributor:

- Any ignition
- No traction controls
- No crank triggers
- Electronic boxes buy rule \$300

Headers:

- No "Tri-y" style allowed. All headers must be standard 4 into 1 style.

General:



Sportsman RULES

- Stock front clip cars will receive 50lb weight break.
- All pumps and pulleys must be mounted in the standard location on the engine.
- Rear-end mounted power steering pump ok. Add 25 lbs.
- No bell housing mounted pulleys. No electric fans.
- No adjustable suspension devices mounted in the driver's compartment. Brake adjusters are permitted.
- Shocks: Oil or gas, must be non-adjustable, no external reservoirs permitted, shocks may be steel or aluminum. Any shock may be claimed for \$200 coil over kit not included. No shock covers.
- 103" wheelbase minimum – 1" tolerance
- Any drive shaft – must be painted white
- Standard steel axles only, no titanium axles. Axles may be solid, or gun drilled.
- Hubs must be standard style aluminum or steel. No lightweight hubs. No magnesium or liquid filled hubs permitted.
- Brake rotors must be steel. No lightened or cut rotors. Brake rotors can be solid or drilled.
- All suspension components must be made of steel or aluminum, no titanium or carbon fiber parts.
- Rear radius bars must be solid, no spring rods.
- Transmissions must be steel or aluminum. Must have working forward and reverse.

Tire Rule:

- Front Tire – D21, AR48 or Pro2, NLMT 2 or 3.
- Rear Tires – Left Rear D21, AR48 or Pro 2, NLMT 3, D55, AR56. Right Rear: D55, AR56, NLMT 4. Right Rear must punch no less than 55.
- **No Chemical Alteration of tires at all!!!**

Wheels:

- – 14" wide maximum – Steel or Aluminum only.
- No treating or soaking of tires to alter the compound of the tire is permitted.



Sportsman RULES

NO FUEL BURN OFF

General Rules:

1. Tires must have all numbers and name on the tire. No grinding off numbers or names.
2. Engine set back will be 6 inches from center of top ball joint to the most forward spark plug – ½” tolerance
3. Weight may be added at the discretion of track officials
4. Any gasoline will be allowed. No alcohol. E 85 gasoline will be allowed.
5. Weight and motor must be posted on right side A pillar (example, B-2400#, 602-2250#, etc.)
***Claiming of incorrect weight/motor combination will result in immediate disqualification.**

Protest Rules:

- \$1300 Complete Tear Down
- \$1000 Going to the winner of the protest.
- \$300 Going to Tech.
- \$400 To remove 1 head and check head bore and stroke.
- \$150 To check cam.
- *602 and 604 will be teched as it came from GM.