

2020 SMS Limited Late Model Rules



Body Rule:

Lucas Oil Series Body Rules

Engine A:

365 CID max- Minimum Weight 2275lbs

Block:

OEM Cast Steel Block or Aftermarket cast Steel Block – Max Bore 4.070(.003 tolerance)

Crank:

Steel Crank Only- Balancing ok 3.500 Max Stroke

Pistons:

Flat top only

Rods:

Steel Rods Only. No Titanium or Aluminum

Oiling:

Wet or Dry No Vacuum Pumps

Intake Manifold:

Must be cast aluminum

Heads:

Steel Only Heads Must be 23 Degree style (2 degree tolerance) No raised runners

Angle Milling allowed

Angle plugs are allowed, in stock location

Steel valves only

11/32 stem valves, undercut allowed Max.

valve 2.02 int. 1.600 exh.

Max CC on int runner is 205 cc

No minimum or combustion chamber volume

No porting, or polishing is allowed, no shot peening allowed

Valve spring pockets may be machined

Racing style valve job is permitted with no hand blending

Stud mounted rockers with stud girdle or jesel rockers are allowed

CAM:

Flat tappet style

Lifters:

Flat tappet style only .842

max diam.

No mushroom lifters, or radius, or ceramic, or roller are allowed

Engine B:

365 CID max- Minimum Weight 2350lbs

Block:

OEM cast steel block, or aftermarket cast steel block - Max bore 4.070(.003 tolerance)

Crank:

Steel Crank only Balancing OK 3.500 Max stroke

Pistons: Any

Rods:

Steel rods only, no titanium or aluminum

Oiling:

Wet or dry sump - No vacuum pumps

Intake Manifold: Must

be cast aluminum

Heads:

Steel only Heads must be 23 degree style (2 degree tolerance) No raised runners

Angle milling allowed

Angle Plugs are allowed, in stock location

11/32 stem valves, undercut allowed

Steel or titanium valves allowed

Max. valve size 2.0555 int. 1.600 Exh

Porting or polishing is allowed

Valve spring pockets may be machined

Racing style valve job is permitted

Stud mounted rockers with stud girdle or jesel rockers are allowed

CAM:

Roller or flat tappet is allowed

Lifters:

Roller lifters are allowed .842

max diam.

ENGINE C:

365 CID max Minimum Weight 2400lbs – Raised Runners 2450lbs

All steel

23 degree style heads(2 degree tolerance)

Engine D:

CT525 GM Performance Crate - Minimum Weight 2300lbs.

Must have original GM Chevrolet Performance seals

Engine E:

Aluminum spec head option
Refer to current Topless Outlaw Rules
Must add 25lbs in front of bellhousing
2375lbs total

General: Includes all Engine combinations

Carburetor:

One four barrel – 4150 style, no dominators
Gas or E85

Ignition:

Any – No traction control

Tire Rule:

Fronts – Any LM Tire

Rears - Both LM Rear Tires must durometer minimum 55 before qualifying and feature Wheels
– 14” wide maximum

Must race and qualify on same RR tire. Tire will be marked by officials. In the event a RR tire is changed after qualifying for any reason, driver will start from rear of feature. Changed tire must be approved and marked before driver rolls out for feature event.

No treating or soaking of tires in order to alter the compound of the tire is permitted.

FUEL BURN OFF

1lb per lap with 10lb total tolerance allowed

103” wheelbase minimum – 1” tolerance

Engine set back will be 6 inches from center of top ball joint to the most forward spark plug(1/2” tolerance)

Weight and engine must be posted on right side A pillar (Example, B-2350#) *Failure to post correct weight will result in immediate disqualification

No traction control device of any kind allowed

Electronic ignition boxes buy rule - \$300

Visual protest fee is \$100 - Track retains \$50

Rod protest fee is \$100.00 Track retains \$50.00

Engine Protest fee for Engine A B C is \$400.00 Track retains \$100.00

Engine protest fee for engine D is \$100.00 Check seal bolts only Working
race-receivers are mandatory at all times

Time limit on tear down must be done in timely manner. Track officials will monitor this.

If the official declares that has not been done in a timely manner, the official reserves the right to dis-allow protest. Visual protest cannot be made after the feature event.

The track reserves the right to confiscate any component to prove legality.

The track reserves the right to amend, delete or change rules in the interest of competition.