

## 2020 SMS Limited Late Model Rules

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### **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-ceivers 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.