



## **602 LATE MODEL**

### **2021 TECHNICAL RULEBOOK**

#### **WEIGHT**

1. 2400 lbs.
2. One lb per lap burn off for feature race only.
3. No lead or additional ballast bolted to any suspension component.
4. All lead must be painted white with your car number on it.
5. Lead should be securely mounted.

#### **ENGINE: GM 602 Crate ONLY**

1. These engines are sealed at the intake manifold, cylinder head, front cover, and oil pan with special twist off bolt heads. Crate engines must not be altered, modified, or changed from factory specs.
2. The penalty for anyone that tampers with or modifies any internal engine parts, changing the parts from stock as delivered sealed from the factory, will be subject to expulsion from any racing event for the remainder of the season. This may lead to a fine or a suspension from the track.
3. No changes are allowed to the engine, intake manifold, heads, valve covers, front cover, oil pan, harmonic balancer or any other part/parts on/in engine.
4. No vacuum pumps, but can run exhaust evacuation system.
5. All crate engines must remain stock as they came sealed from the factory. Crate engines must not be altered, modified or changed from the factory specs. Engine must meet GM engine specs.

#### **CARBURETOR**

1. Any 4-barrel carburetor.
2. Engine must be naturally aspirated.

3. May use one carburetor spacer, 1" maximum; 1.350" maximum including gaskets. One gasket between intake and spacer and one gasket between spacer and carburetor. Spacer may not protrude into intake in any way.

## **FUEL SYSTEM**

1. No electric pumps permitted.
2. Pump gas or racing fuel. E-85 is ok. No methanol, alcohol, nitrous oxide, nitromethane, MTBE, hydrazine, or ethylhexanol. Any fuel tested and found to contain any of the above will be deemed illegal.
3. Any fuel with a specific gravity exceeding .744 at 60 degrees will be deemed illegal. E85 specific gravity not to exceed .786 at 60 degrees. Fuel samples may be taken at any time during an event.

## **IGNITION**

1. Any electronic ignition system, MSD or HEI.
2. No magnetos.
3. No traction control.

## **EXHAUST/MUFFLERS-REQUIRED AT SENOIA RACEWAY**

1. Any commercially manufactured muffler – MUST register under 100 decibels.
2. Collector type headers only.
3. No modifications and/or alterations to mufflers will be allowed. (No deliberate air leaks, vents, holes, etc.)
4. Any car that loses a muffler will automatically be disqualified.
5. Any car that is deemed too loud by track officials under race conditions will be black-flagged.

## **TRANSMISSION**

1. Standard 4-speed or automatic transmission. Aftermarket SAFETY bell housing and automatic cases permitted.
2. Bert or Brinn transmission allowed.
3. Transmissions must have two working gears, forward and a reverse gear.
4. A ball spline or roller slide transmission must run a carbon fiber driveshaft. This is a safety requirement.

## **REAREND**

1. Standard quick change rear end permitted.
2. No titanium or exotic material axles, spools, gears, or other materials inside the rear end.
3. No open tube rear ends allowed.
4. No independent rear end suspension allowed.

## ENGINE POSITION:

1. 6 ½ inches from center of ball joint to #1 spark plug, ½ inch tolerance. 50 lb weight penalty for every ½ inch out of tolerance mounted in front of water pump.

## FRAME:

1. 103 inch wheelbase minimum, 1 inch tolerance.
2. Any late model chassis allowed, square tube or round tube.
3. No aluminum frames.
4. Square tube frames must be a minimum of 2" x 2" tubing; round tube must be a minimum of 1 ¾" tubing. Full racing roll cage mandatory, 1 ½ OD x .083 steel tubing minimum.

## SUSPENSION

*Standard late model suspension only (4 bar, swingarm, z-link, etc.)*

1. No spring loaded or shock-type 4 bar rods allowed. Rods may be constructed of steel/aluminum and be solid.
2. No torsion bars.
3. One mechanical traction device allowed (5th coil, torque link, or pull bar) NOT BOTH.
4. One 90/10 shock allowed horizontally over rear end. One coil spring per corner of car. One coil spring for the 5th coil and one coil spring for the 6th coil allowed. Take up springs are permitted.
5. Any single spring ok.
6. LRF in front shock (traction shock) allowed.
7. Spring rubbers allowed.
8. Bump stops allowed.

## SHOCKS

1. A maximum of 7 shocks allowed on car (1 LF, 1RF, 1RR, 2 LR, 1-5th coil and 1 90/10 over rear end).
2. Shocks may be steel or aluminum.
3. Schrader valves and piercing valves for gas replacement/adjustment are permitted.
4. Shocks must be nonadjustable. (Goes into effect on May 1, 2021)
5. No remote canister shocks.

## BODY

SENOIA BODY RULES APPLY

1. Light tube bracing behind bumpers. No pipes or push bars in front of bumpers.
2. Spoiler 8 inch maximum height by 72 inches wide. Side spoiler refer to diagram.
3. All body panels must be solid, no holes, slots, or air gaps.
4. Deck height is 38" max (1" tolerance) measured in the center of the T-bar. No bent or curved T-bars allowed.

## WHEELS

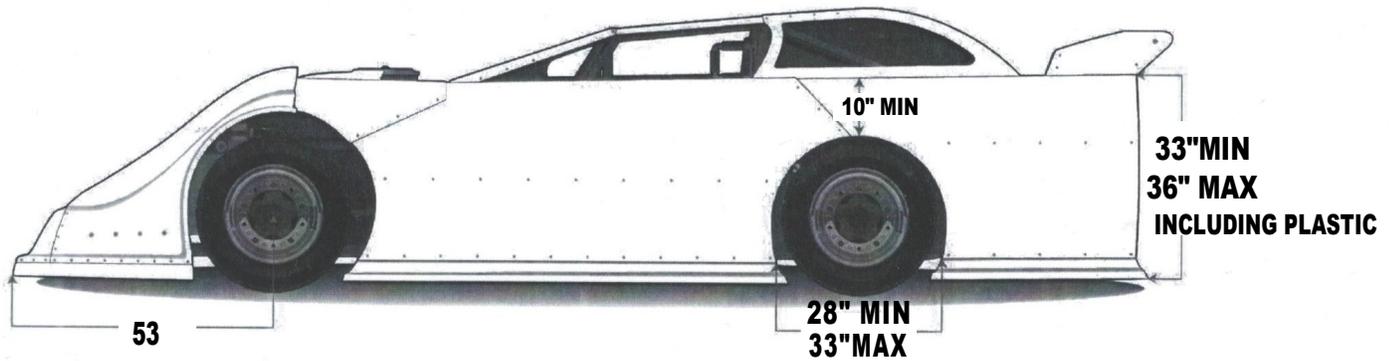
1. Any wheel, 14" maximum width. Bead lock permitted, any position.
2. Wide 5 wheels and adapters permitted.

## TIRES

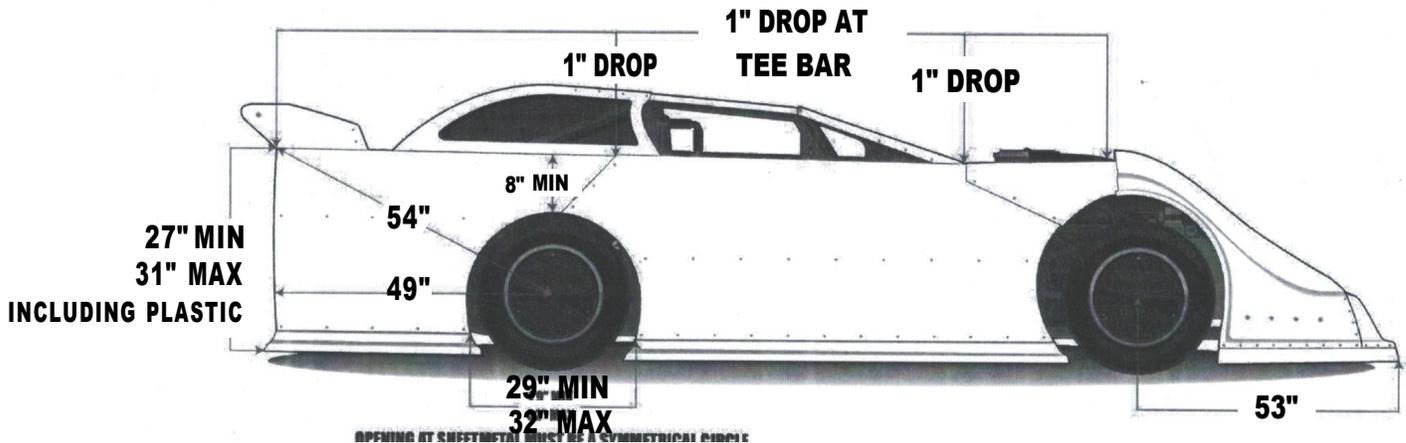
1. Any Hoosier 1350, 1600, D21 or D55.
2. Grooving, siping, and buffing tires permitted.
3. All numbers, codes, and manufacturer names must remain visible on tire. NO grinding off of numbers, codes, or names. Any tire that has been altered will be illegal.
4. No tire softeners or conditioners permitted.
  - a. Tires may not be altered using any natural or unnatural, hazardous or nonhazardous components or chemicals that affect the factory set baseline settings of a given tire.
  - b. **All competitors are subject to tire inspection.**
5. Tires available on race night or call CSR at 404-925-1888.

## SAFETY

1. Approved helmet and full fire resistant driver's suit required.
2. 50 lbs. weight break for head and neck restraint and/or full containment seat.
3. All cars must have 3" lap belt and 2" shoulder harness and crotch strap MINIMUM and must be attached to roll cage.
4. All cars must have an approved fire extinguisher, securely mounted, within easy reach of the driver. A 5 lb. halon system is recommended.

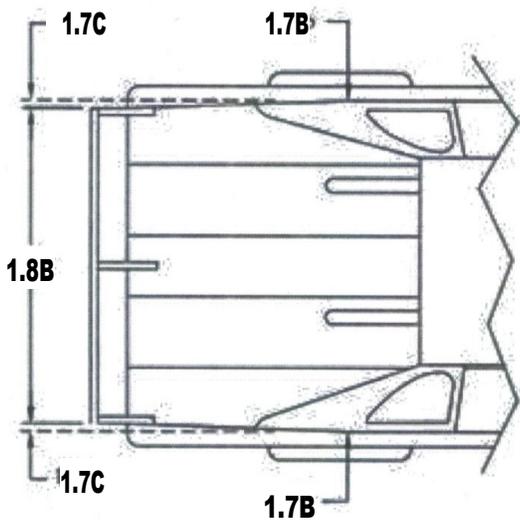


**OPENING AT SHEETMETAL MUST BE A SYMMETRICAL CIRCLE**



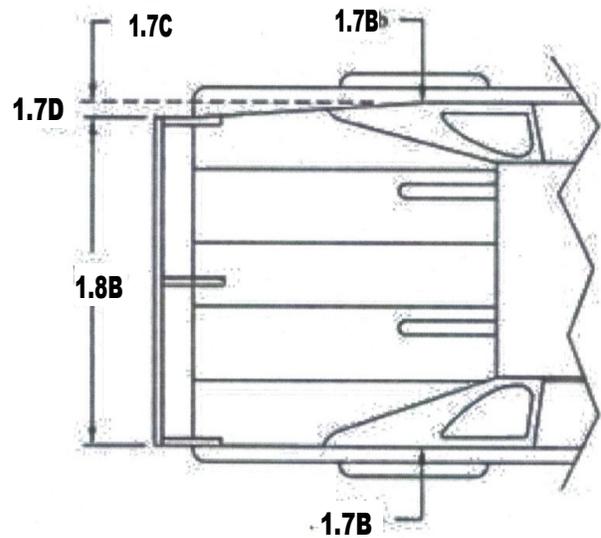
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**LATE MODEL REAR QUARTER PANEL OPTIONS**



**OPTION 1**

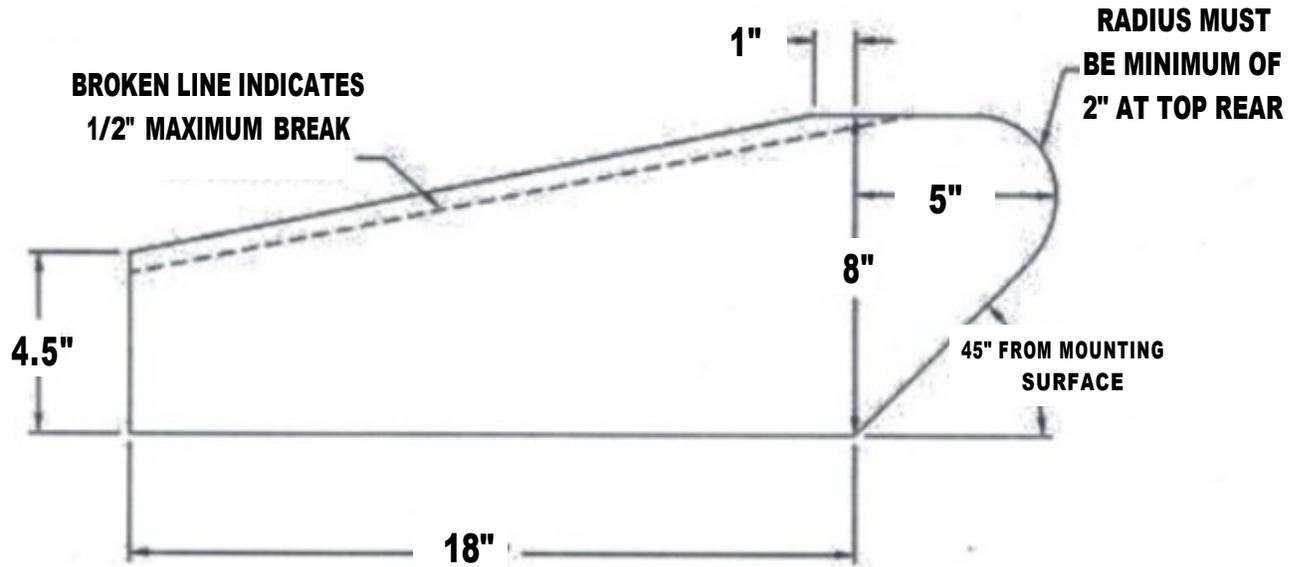
**REAR DECKS MUST TAPER FROM SEVENTY-SIX INCHES (76"), AS MEASURED AT THE TOP OVER THE REAR HUBS, UNIFORMLY BACK TO SEVENTY-TWO INCHES (72") AT THE SPOILER, EQUALLY ON BOTH SIDES**



**OPTION 2**

**REAR DECKS MUST TAPER FROM SEVENTY-SIX INCHES (76"), AS MEASURED AT THE TOP OVER THE REAR HUBS, UNIFORMLY BACK TO SEVENTY-TWO INCHES (72") AT THE SPOILER, EQUALLY ON THE LEFT SIDE ONLY**

## DIRT LATE MODEL SPOILER SUPPORTS



**NO MORE THAN THREE (3) SPOILER SUPPORTS PERMITTED. FRONT  
EDGE OF SUPPORTS MUST BE IN LINE**

Must match template.

**DIMENSIONS HAVE ZERO TOLERANCE**