

# **Lafayette Late Model Rules**

*(also known as Limited Late Model and sportsman)*

## **CAR & BODY:**

1. Stock appearing nose section is required. Nose extensions may not flair out; they must run parallel with door panels. Rear roof panels may be mounted per body style of car using. Left and right side roof panels must be the same length and design.
2. Rear of car must be enclosed between bumper and deck lid, attached top and bottom.
3. Maximum spoiler height is 44 inches from the ground. Maximum spoiler height from deck is 8 inches. Rear quarter panel NO larger than 52 inches from center of rear axle. Minimum width of 36-inch filler panel.
4. Paint all cars neatly and brightly. Bright or light colors are recommended. Numbers must be painted NEATLY on both sides and top of car. Numbering must be done using minimum 24" height with 3" width. Cars must have a 6x6 number plate in the upper front and rear passenger window. Must be white with a contrasting colored number. No duplicate or 4 digit letter/numbers.
5. Minimum four-point roll cage of suitable piping or tubing base or upright members shall be solidly welded to frame. Cage shall be braced to rear frame kick ups and diagonally side to side between rear uprights. At least 3 side bars on drivers side between front and rear uprights running horizontally, outside diameter of tubing must be at least 1 3/4" with a minimum wall thickness of .095.
6. Racing seat must be bolted or welded or otherwise rigidly fixed. Back of seat must be fastened to roll bar members. Seats will be closely inspected. Seat must be on left side of car. NO center steering.
7. 5 point racing harness required. Must be fastened to roll bar members. Shoulder harness should be fastened at a level no higher than the seat back.
8. Side bars or nerf bars may be used on the outside or inside of the car, but must be NO higher than 4" above the axle centerline. All edges and corners must be round and smooth. Must be flush with body and be painted the same color as the body behind the bars.
9. Rear firewall must separate driver's compartment from rear wheels and fuel cell. Front firewall must be solid with all holes covered. Firewall should be a minimum of .031 materials.
10. All cars must have a tow hook on the front and rear
11. Full width bumpers, small neat bumpers may be built from tubing or pipe but can be NO wider than tires. Bumpers must be stock height and may be reinforced behind bumpers. Must be neat in appearance NO jagged edges allowed.
12. Wheelbase minimum of 103 inches, NO TOLERANCE.
13. No mirrors allowed.
14. Must have working fire extinguisher mounted securely
- 15. Safety, general & miscellaneous rules apply to all classes.**

## **SUSPENSION & REAR END**

1. Cars are allowed a maximum 6" engine setback. Cars with a factory front stub are allowed a maximum 8" setback. Must retain stock steering and idler arm, lower control arms, and standard frame rail to be consider a factory front stub.
2. Standard weight is 2550 lbs, post race. Cars running GM 364 CI motor or less, Ford or Dodge with a 364 CI motor or less will be allowed a 150 lb. weight break. Example; Big motor – 2550 lbs. Small motor – 2400 lbs.
3. Any type truck or passenger rear end allowed, any gear ratio Ford floater or Grand National type allowed, safety hubs optional. Quick change allowed.

## **WHEELS & TIRES**

1. 14" wide steel or aluminum wheel. Bead locks allowed on right rear only. 10" wide wheels are allowed. 7/16" or larger studs recommended.
2. Hoosier 11.0/ 88,90,92-15 spec WRS D-55 stamped LSB tire or Hoosier Dirt Bozz 285-265-255/65-15. Medium compound only.
3. **Grooving and siping is allowed.** No softening of tires allowed.

## **ENGINE & EXHAUST**

1. **Small engine option:** 364CI maximum. Only approved Brodix heads-Chevy #SPCH SPI, Ford #SPFO SPI, Dodge #SPMO SPI as cast, must fit templates. No titanium parts except for valve spring retainers. Cast iron block only. One 2 barrel Holley 4412 (500 cfm). Any Edelbrock Victor series manifold. Same weight break as other small cubic inch engines.
2. All cars must have an operable starter.
3. NO electric fuel pumps.
4. Any ignition. NO magnetos.
5. Headers are allowed. Mufflers are required and must meet a maximum noise level of 98 DBA at 100 feet.
6. Air cleaner must be one-piece metal top & bottom, and must set on carburetor. Maximum height 4 inches and 17 inch diameter.
7. Roller cams allowed. Roller rockers allowed.
8. No limit on engine cubes. NO aluminum heads or blocks. Valve angle must be within 1 1/2 degree of OEM. **No aluminum heads on engines larger than 364 CI.**
9. Any Aluminum or cast iron intake is allowed. **Edelbrock Victor series manifolds only with above small engine option.**
10. NO dry sumps allowed.

## **CARBURATOR**

1. One carburetor only. 2-barrel Holley 4412 (500cfm) air horn mandatory.
2. Carburetor spacer allowed, maximum 1 1/2”.

## **TRANSMISSION & CLUTCH**

1. Any type of transmission allowed except quick-change transmissions.
2. NO “in and out” boxes allowed. Brinn and Bert type transmissions allowed. All cars must have reverse.
3. May use multiple disc clutches.
4. Clutch type transmissions require an explosion proof bell housing of at least 3/16” thick steel. 1’ inspection hole must be in underside of bell housing. Clutch in bell housing.
5. Blankets are recommended for automatics.
6. No carbon fiber drive shafts. **Aluminum driveshaft is allowed.**

## **BRAKES**

1. Working brakes required on all 4 wheels.
2. Cast iron or cast steel brake rotors only. Calipers may be steel or aluminum.
3. No carbon fiber or ceramic brakes.

## **RADIATOR**

1. Any type radiator is allowed which will fit under the hood with minor cutting or altering stock fit of hood.
2. NO coolers of any type allowed in drivers compartment.
3. Overflow hose must be pointed at the ground.
4. All radiator screens must be behind the bumper line.

## **FUEL & FUEL TANKS**

1. An approved fuel cell with a maximum capacity of 32 gallons.
2. Fuel cells must be securely mounted between the frame rails as far forward as possible. Firewall **MUST** be between driver and fuel cell. Rollover check valve mandatory.
3. The bottom of the fuel cell should be **NO** lower than the bottom of the rear end tubes.
4. Fuel cell must be encased in an approved container of **NO** less than 18-gauge metal. All cars must have a fuel cell guard that is separate from the fuel cell and made out of at least 1 1/2” tubing. Guard must come to the bottom of the fuel cell.
5. Vacuum fuel pumps only. Absolutely **NO** electric fuel pumps.
6. Bare fuel lines not permitted in driver’s compartment. May run through steel tubing that penetrates front and rear firewall and is welded to cage.
7. Racing fuel allowed. **NO** alcohol, nitrous oxide or other additives allowed.
8. **Safety, general & misc. rules apply to all classes.**

**The track reserves the right to confiscate any parts found to be illegal.**