



2017 Limited Late Model Rules

1. BODY

- 1.1. All Lucas body rules apply.
- 1.2. Wheelbase 103" minimum.
- 1.3. Maximum spoiler height 8".
- 1.4. 604/602 Crate: 12" spoiler maximum height.

2. WEIGHT

- 2.1. Engine #1 (Spec) - 2300 lbs.
- 2.2. Engine #2 (Open) - 2400 lbs.
- 2.3. Engine #3 (604/602) - 2300 lbs.
- 2.4. Engine #4 (CT525) - 2350 lbs.
- 2.5. ******* Full Engine Descriptions @ Bottom *******

3. TIRES

- 3.1. Any brand. Open on both front & left rear.

- 3.2. Right Rear: American Racer MD56, Hoosier 1600 (Must be shoulder plated).
- 3.3. Must punch 52.
- 3.4. No chemical treating of tires. Track will take rubber samples at random.

4. WHEELS

- 4.1. Any aluminum racing wheel. No carbon fiber.
- 4.2. 14" maximum width.

5. FUEL

- 5.1. Gasoline or E-85 only. No alcohol, no nitrous oxide, no other fuel additives.
- 1.1. Fuel Cell: All fuel cells MUST be mounted inside a 20-gauge metal box supported by two (2) 1/8 x 2" steel straps mounted inside the protective structure of the vehicle.

6. TRANSMISSION

- 6.1. Any.

7. REAR END

- 7.1. Any.

8. ENGINE

- 8.1. Maximum setback for all engine types 6" +/- 1" tolerance.
- 8.2. * **ENGINE #1 – 2300 LBS.**

- 8.2.1. Maximum 365 cubic inches.
- 8.3. OEM or aftermarket steel block. 4.070" bore max. All components must remain in stock location. (No raised or oversized cam journals) (No oversized lifters).
- 8.4. Aftermarket cranks and steel rods allowed (No titanium or aluminum rods). Maximum stroke will be 3.500" .
- 8.5. Cranks must be minimum 48lbs. (1/2 lb. variance will be allowed, crank will be weighed with gear and keyway). Balancing ok. Oil holes may be race chamfered. Add 50 lbs. for under 48 lb. crank.
- 8.6. Dome pistons allowed.
- 8.7. Wet or dry sump oil systems allowed.
- 8.8. Stud or shaft mount rockers allowed.
- 8.9. Any hydraulic, solid, or roller tappet camshaft allowed. Must be OEM lifter bore size.
- 8.10. Any point or electronic ignition.
- 8.11. One 4150 series 4-bbl. carburetor . 2" max carburetor spacer, any material.
- 8.12. Steel valves only.
- 8.13. Small block Chevy standard runner steel heads must be 23 degree design heads. No raised runner heads. No aluminum heads. No porting, polishing, shot blasting, or acid etching allowed. No exceptions. May be angle cut.

- 8.14. Stock valve stem size – 11/32” .
- 8.15. Steel Small block Ford – minimum valve angle is 20 degree. Must use World casting #1-061 if running an aftermarket head. Heads may be ported. 11/32 valve stem size.
- 8.16. Steel Small block Mopar – minimum valve angle is 18 degrees. Any aftermarket head. Heads may be ported.
- 8.17. BRODIX SPEC. ALUMINUM – SPEC, SAS Spec, or IMCA Spec. No modifications allowed.
- 8.18. All spec heads will be supplied with CNC bowl blend and intake port matching. No grinding or blending of CNC work is allowed.
- 8.19. No grinding or polishing of any kind is allowed ANYWHERE on the castings.
- 8.20. No use of any substance that may change or alter the shape or size of ports or combustion chambers is allowed.
- 8.21. A maximum valve size of 2.080” intakes and 1.600” exhausts will be allowed for all Spec heads.
- 8.22. Valve seats and guides are to remain as manufactured and in their cast positions.
- 8.23. Valve angles are to remain as manufactured. The original seat center locations as provided by the head manufacturer may not be altered.
- 8.24. No tapering or re-shaping of valve guides will be allowed.

- 8.25. Spec cylinder heads may not be angle milled.
- 8.26. Minimum valve stem diameter is 11/32 inch.
- 8.27. Spec cylinder head serial numbers must remain on the head and may not be defaced or altered.
- 8.28. No welding or modifications are allowed to the original head castings except may have water cooling line installed between the middle exhaust on Chevy heads.
- 8.29. At any time, any head in question may be impounded to check cc, ports, and valve angle It is at track's discretion on legality of head.
- 8.30. No porting, No Polishing, No Shot Peening Allowed on any of the above heads.
- 8.31. Engine valve sizes
- 8.32. Chevrolet 350: 2.055" , 1.600"
- 8.33. Chrysler 360: 2.055" , 1.600"
- 8.34. Ford 302-351w: 2.055" , 1.600"
- 8.35. Ford 351c maximum size: 2.190" , 1.700"

8.36. ENGINE #2 - 2400 lbs.

- 8.36.1. Block – Any steel block.
- 8.36.2. Cranks – Any steel crank (no titanium).
- 8.36.3. Maximum 362 cubic inches. Add 60 lbs. for over 362 cubic inches. or for over 3.500" stroke crank.

- 8.36.4. Rods – Any steel rod (no titanium).
- 8.36.5. Pistons – Any piston allowed.
- 8.36.6. Cam – Any camshaft allowed.
- 8.36.7. Lifters – Any lifter allowed.
- 8.36.8. Heads – Any 23 degree design standard runner steel head for Chevy. Raised runner heads allowed.
- 8.36.9. Valves – Any valve allowed.
- 8.36.10. Valve springs/retainers/keepers – any type allowed.
- 8.36.11. Rockers – Any rocker allowed.
- 8.36.12. Dry sump oil system allowed.
- 8.36.13. Carburetor- One (1) four barrel allowed.
- 8.36.14. Fuel – Gas or E-85 only (no alcohol or nitrous oxide).
- 8.36.15. Ignition system – any type allowed.

8.37. ENGINE #3 - 2300 lbs.

- 8.37.1. GM 602 or 604 crate engine.
- 8.37.2. 12" Spoiler allowed.
- 8.37.3. Engine must be as built by GM. NO MODIFICATIONS – NO EXCEPTIONS.
- 8.37.4. Don't have to have bolts but have to have all GM specs (cam,bore,stroke,heads,rocker arms, etc)

8.37.5. Protested engines will be impounded and teched using numerous resources.

8.38. ENGINE #4 – 2350 lbs.

8.38.1. GM CT525

8.38.2. Factory sealed engines only. Gas or E-85 only.

8.38.3. Protested engines will be impounded and teched using numerous resources.

9. PROTEST

9.1. All protest procedures and fees are listed on the General Rules.

10. MISCELLANEOUS

10.1. Raceceivers are MANDATORY at ALL times a race car is on the track! Any driver without an operating raceceiver on their person will be sent to the pits! NO EXCEPTIONS!

10.2. Transponders are MANDATORY during heat races, qualifying, and/or features. Any car rolling onto the track without a transponder will be sent to the pits or their qualifying times disallowed.

11. SAFETY

11.1. **ALL** safety rules listed under **Section 11** of the **General Rules (SAFETY)** **will apply here.** NO EXCEPTIONS! For the sake of saving paper, they will