

Late Model Rules

1. BODY
 - A. Body and motor must be same manufacturer's line.
 - B. 1980 or newer American made, intermediate sized cars.
 - C. Must have a fiberglass or aluminum after market body.
 - D. See Exhibit A for body dimensions. These dimensions will be enforced.
2. AERODYNAMICS
 - A. Rear spoiler limited to 8" in height. See Exhibit A. Maximum of 45" from ground to top of spoiler.
 - B. Spoiler cannot extend past quarter panels. Side supports from spoiler toward deck lid may not exceed 8" in height and/or 18" in length.
3. FRAME ***OFFSET CHASSIS REQUIRED***
 - A. Any manufactured full frame or a stock appearing front frame section attached to a steel rail frame.
 - B. Round tube, square tube and rectangular tube permitted.
 - C. Minimum of 3 door bars on left and right side of the car.
 - D. Roll cage-tubing minimum of 1 ½" diameter, with a wall thickness of .095.
 - E. Roll cage must be attached to frame section.
 - F. Minimum wheelbase of 104", with 1" tolerance.
4. FUEL/ FUEL CELL:
 - A. NBS racing fuel only. No additives permitted. NBS has the right to withdraw the gas and refill with track gas.
5. TRANSMISSION & REAR-END:
 - A. Three or four speed manual permitted. Bert or Brinn OK. Stock style manufacturer's case must be retained.
 - B. Automatic okay. Tail shaft may be removed. Must have an NHRA or IHRA approved aluminum transmission shield over valve body of transmission.
 - C. If you have a stock type flywheel and open clutch, you must have Lakewood style blow proof bell housing.
 - D. Aluminum bell housing permitted with TCI or similar type flywheel enclosed clutch assembly.
6. BRAKES & SUSPENSION:
 - A. Any automotive braking system is permitted.
7. ENGINE SPECIFICATIONS:
 - A. Maximum overbore .060.
 - B. GM: 350
 1. 604 Crate Engines allowed with 650 or 750 Holley 4 barrel carburetors. No modifications to the carburetor. Cars with crate engines will receive a weight break. Crate engine cars must weight 2150 lbs. with driver at post race inspection.
 - C. Ford: 351 Cleveland or Windsor
 - D. Chrysler: 340 or 360
 - E. Stock stroke must be retained with a +/- ten thousands (0.010) tolerance; measuring at visible center of piston. Final value to be determined on average of 4 cylinders on same bank.
 - F. Any steel connection rod permitted. No titanium rods permitted.
 - G. Dry sump OK
 - H. No aluminum or magnesium motor parts internally, except where noted.
 - I. Aluminum valve retainers may be used. Screw in or pinned rocker arms okay.

- J. Any **cast** aluminum intake allowed. No port and/or polishing allowed. All casting marks must remain visible.
- K. No gear drive timing permitted.
- L. Distributors:
1. Any dual or breakerless permitted.
 2. Must use 6ALN MSD Part #6430. Track reserves the right to substitute box before or after race.
 3. No traction control devices of any kind are to be used.
 4. Violations will result in a minimum of 100 point penalty.
- M. Camshaft and Lifters
1. Any solid or hydraulic cam and lifters permitted.
 2. Roller cams allowed.
- N. Heads
1. Any steel 23 degree valve head allowed.
 2. All casting marks must be retained in the runners.
 3. **ALL CASTING NUMBERS MUST BE VISIBLE.**
 4. Ford may use comparable Ford Motor Sport Head N351. ~~N352 NOT PERMITTED.~~
 5. Roller rocker arms permitted.
 6. No aluminum heads.
 7. No cutting, grinding or polishing of combustion chamber area of head.
 8. Maximum 3-angle valve.
 9. No head CCing.
 10. Heads cannot be cut, ground or polished inside any ports, runners or altered in any area behind valves.
 11. Polishing or painting of oil passageways is OK.
 12. The maximum valve size as follows:
- | <u>Manufacture</u> | <u>Intake</u> | <u>Exhaust</u> |
|--------------------|---------------|----------------|
| GM | 2.020 | 1.625 |
| Ford – Cleveland | 2.046 | 1.656 |
| Ford – Windsor | 2.050 | 1.625 |
| Chrysler | 2.020 | 1.734 |
13. **Any visiting car with port and polished heads or oversized valves must add 50 pounds.** NBS reserves the right to add weight to level competition.
- O. Pistons
1. Pistons must not exceed +.100” deck height gasket removed.
 2. Pistons can be cast or forged aluminum.
- P. Carburetor
1. Holly 4 barrel permitted. Must use Holly #080540, max. CFM 600. No modifications permitted. Must maintain visible Holly Part number. **NO NUMBER – IT’S ILLEGAL**
- Q. Fuel Pumps
1. Electric fuel pumps are permitted. Fuel pump must be wired into master switch.
- R. Mufflers/Headers
1. **MUFFLERS ARE REQUIRED. NO EXCEPTIONS.**
 2. Schoenfeld Muffler Part #92535.
 3. Mufflers must be installed so that part number is visible.
 4. Headers are permitted.
8. ENGINE LOCATION:
- A. A set back of six inches (6”) maximum allowed. No tolerance.

9. TIRES:
 - A. Hoosier tires required. Late Models may use either 15 or 35 compound.
 - B. Tires must be purchased from David Ruley and must be branded by him. David can be reached 9-5 Monday – Friday at 540-463-3495.
 - C. No soaking permitted.
10. WHEELS:
 - A. Maximum 14 inches wide.
11. DRIVER'S EQUIPMENT:
 - A. Crash helmet required. Must be Snell 2000 or later approved. Full face highly recommended.
 - B. Three inch seat belt, shoulder harness and crotch strap required.
 - C. Drivers must wear fireproof suits (jacket and pants) and gloves. Fireproof shoes recommended.
 - D. Driver side window net required.
 - E. All cars will carry a 2 ½ lb. fire extinguisher.
 - F. No in car radios permitted.
 - G. No mirrors of any kind permitted.
12. WEIGHT:
 - A. Cars must weigh 2400 lbs with driver at post race inspection.
 - B. Cars running crate engines must weigh 2150 lbs with driver at post race inspection.
 - C. Each car must display its NBS required weight in the top left corner of the windshield, or above top left corner.
 - D. NBS reserves the right to adjust weight up or down to equalize competition.
 - E. All added weights must be bolted to the frame, painted white and have the car number on each weight.
 - F. **Any visiting car with port and polished heads or oversized valves must add 50 pounds.** NBS reserves the right to add weight to level competition.
13. PULL CHAINS:
 - A. Must have a front pull chain that is attached to frame. Cable may not be used.
 - B. Failure to have a pull chain will result in purse being held until in compliance.
14. MISCELLANEOUS:

EXHIBIT A