

LIGHTNING TRUCK RULES

CONSTRUCTION: Equipment will not be considered 'legal' simply because it went through inspection unobserved, or because a rule has not been written excluding it.

1. Only American/Canadian full size pick-ups with 6-8 foot boxes. Minimum wheel base of 112". No El Camino or Blazer type, Van, 4x4, or imported vehicles.
2. Stock steel bodies. Hood scoops and spoilers optional. Hood scoops 4" maximum and spoiler 8" maximum.
3. No channeling of body over frame.
4. No chopped tops.
5. All upholstery, plastic, chrome, lights, and glass, except windshield, must be removed.
6. Trucks must be clear of all loose objects and broken glass.
7. Stock windshield or Poly-Carbonate (no plexi-glass) must cover full width of windshield.
8. Windshield must be safety strapped or hooked on each corner. Poly-Carbonate must be riveted.
9. Must have two vertical steel bars (1½"x¼" or equivalent) mounted to body top and bottom at center of windshield, inside or outside.
10. All key-locking mechanisms on steering wheels must be removed.
11. Horns and radios must be disconnected.
12. Driver's side window nets are required.
13. Must have fully charged fire extinguisher. Minimum 2.5 lbs and ABC rating. Must have metal gauge and nozzle, and metal mounting brackets. May install additional fire system.
14. Fire suits required.
15. All unnecessary holes in firewall must be patched with sheet metal.
16. Racing harness mandatory. 3" minimum shoulder and 3" minimum lap belts. May not be older than five years. Sub straps required.
17. Shoulder harness to mount to cage only directly behind driver.

18. Stock dashboards must be removed.
19. Steering column must be attached to cage dash bar.
20. A drive shaft safety loop is required front and rear 6" to 8" from ends.
21. Trucks must have four working brakes. Adjustable proportioning valves optional.
22. Tailgates must be chained, bolted, or welded shut. May be sheet metal.
23. Any stock rear end. Locked or welded differentials okay.
24. Four corner tow hooks or two chains between front and rear frame rails mandatory.
25. Trucks will be neatly and brightly painted.
26. Single layer skins allowed. Refer to Rule #2. No raking or dropped nose.
27. Right front wheel must be re-enforced (slotted chromes or white spokes okay.) ¼" minimum thickness in center *or racing rims. (NEW)*
28. Steel wheels only, no uni-lugs. 10" maximum width.
29. ½" wheel studs minimum. 5/8" recommended.
30. Purple Dot Towel City 11" radial recap slick with tread compound 89A, *Branded Super- stock take-offs (new)*, or 11" Nuetread allowed. No tire softeners allowed. Grooving and siping allowed. Other tires may be approved by the board upon availability throughout the year.
31. Stock type suspension for make, model, and year of truck frame.
32. Stock type shocks only. Adjustable stock type shocks okay. Mounting location optional. Multiple shocks okay. Heim end shocks okay.
33. Lowering and altering of stock type springs okay. Adjustable spring spacers (not external) and multi-hole shackles okay.
34. Lower control arms and upper A-arms must be stock. Mounting points may be altered for caster and camber adjustment. Bushing optional. Altering of upper ball joint mounting or bending of I-beam to achieve adequate camber is allowed.
35. Stock sway bars may be pre-loaded or heated. Sway bar may be bolted or chained to A-arm.
36. Tie-rods may be reinforced, heimed ends optional.

37. Springs may be altered, heated, or cut. Aftermarket okay.
38. No weight jacks.
39. No dropped spindles or dropped ball joints.
40. Added weight allowed. Must be securely bolted in place. Must be painted white with truck numbers on it.
41. 5" minimum ride height at frame under front of driver's door.
42. Radiator core support optional.
43. Front 'stock car style' hoops mandatory.
44. Hood must be hinged or pinned.
45. Front bumpers- any car or truck front bumper must be mounted to frame.
46. Rear bumper required- any car or truck rear bumper must be mounted to frame.
47. Rear bumper hook plates are required.
48. Battery must be forward of rear end.
49. Battery must be removed from engine compartment. Must be securely mounted in box (no plastic boxes.) Battery must have separate hold down from box.
50. Battery disconnect must be mounted on left side within easy reach of safety personnel. Clearly marked ON and OFF, MUST KILL ENGINE.
51. Battery cables must be padded where passing through sheet metal.
52. Fuel cells mandatory, no plastic.
53. Optional "stock car style" mounting; minimum 12" forward of rear bumper, no lower than lowest part of rear end between frame rails. No fittings on bottom of the tank. Tank protector must be installed at the rear of the tank. Minimum of 1 3/4" bar must be attached to the frame rails and extend down and across the bottom of the cell. Must have center support bar (minimum 1 3/4") that attaches to a rear cross member. All tanks must be securely held in place.
54. Fuel tanks to vented to underside of vehicle with a racing ball type check valve and through a 1" hole. No PCV valve allowed.
55. All tanks must have an adequate splash shield above tank.

56. All fuel lines that pass through sheet metal must have a 1" minimum diameter hole.
57. No fuel lines allowed in cab.
58. 2-throttle return springs required.
59. All clamps on truck must be screw on type.
60. Any American or Canadian V8, V6, or Straight 6 engine may be installed in any truck.
61. Stock bore (.060 maximum overbore) and stroke.
62. Flat top pistons only.
63. Block and heads must be cast iron.
64. Stock cast iron heads with any stock size valves. OEM head only.
65. Any distributor, no magnetos.
66. Any single carburetor intake, 1 four bbl. Maximum on V8 and V6. Multiple carburetors on Straight 6 okay.
67. Steel flywheels only.
68. Stock diameter clutch or torque converter, 10" minimum.
69. Scatter shields required. 180 degree coverage on all bell housings, manual transmissions. 180 degree on all Automatics. Minimum material to 5/16" nylon web, 1/4" steel, or NASCAR blanket.
70. Roll cages must be connected to frame, see diagram last page. Must be connected to front hoop. Cage around driver must be padded. Gussets mandatory in driver's door and all overhead bars. Four bars mandatory on driver's side. Dash bar must be straight and over steering column. Bars to be 1 3/4" O.D. .095" minimum tubing or 2" O.D. schedule 40 water pipe, or 2"x2" .120 minimum wall square tubing. Mandatory wing window bar. Also, a bar must be added to the halo over the driver. It is to run front to rear and halfway between the side bars.
71. Steel between the driver's door skin and door bars is mandatory. Must cover gaps in front section of door bars. Top to bottom and bend to bend. Thickness will be 1/8" steel . (NEW)
72. No fuel injection.
73. No turbo chargers, superchargers, or blowers.
74. Must have air cleaner or suitable flame arrestor on carburetor.

75. Transmission coolers allowed must not be in cab.
76. Headers okay. No 180 degree headers.
77. Exhaust must extend behind back of cab.
78. Must have mufflers and meet track noise requirements.
79. Any flat tappet cam. No mushroom lifters.
80. Valve spring pockets may be machined to accept larger springs.
81. No gasket matching.
82. No porting or polishing.
83. Roller rockers okay.
84. Guide plates okay. Stud girdle okay.
85. Remote oil coolers okay. Must not be in cab.
86. No dry sump oil systems.
87. Trucks must be self-starting at beginning of program.
88. Stock style and weight, and after-market steel crank. Must keep stock stroke.
89. Any steel rod.
90. Engine setback for GM vehicles, the other center of the forward most spark plug will be no further than 1" in front of an imaginary line between the lower ball joints. Engine setback for Ford and Mopar vehicles will be no further than even to the center of the forward most spark plug to an imaginary line between the lower ball joints.
91. Engine crankshaft must be on truck centerline.
92. No electric fuel pumps.
93. Pump gas no alcohol.
94. Radiator must mount in front of engine. Electric fan optional. 1-quart minimum overflow tank mandatory.
95. An expanded metal or wire mesh screen may be installed in front of radiator.

96. Numbers must be on both sides of truck and on roof facing passenger side. Minimum 18" tall by 2" wide. No foil numbers.

97. Must have minimum 5" high number on extreme right hand side of windshield.

98. Aluminum racing seat required.

99. Driver's seat to be connected to roll cage.

100. Rear of frame may be notched for axle clearance. **NO MORE THAN HALF THE THICKNESS OF THE FRAME HEIGHT.** Notch must be boxed from 10" behind the notch with minimum 3/16" steel.

101. Two way communication devices optional. Must be mounted to provide maximum safety and ease of use for driver. Radios are for safety use only. Any abuse of this may result in the loss of radio privileges. Radios and frequency number will be registered at the back gate. Failure to register or report change of frequency may result in loss of radio privileges.

102. Any truck not conforming to the rules may start in the rear, run for no points and/or trophies and/or money.

IF IT DOESN'T SAY YOU CAN, YOU CAN'T!

The rules promulgated in this set of rules are intended as guidelines for the sport of stock car and truck racing and the rules relative to the safety of equipment are the responsibility of each driver/owner who participates in the sport under these rules. No expressed or implied warranty of safety is intended nor may be inferred from the publication of these rules, nor compliance therewith. Nothing contained herein shall be construed as a guarantee against injury or death to participants, bystanders, crew or spectators.