

2024 Street Stock/Sportsman Open
Haunted Hundred Nov 2nd Rules

Section 1. General

1. *Competing Models: 1975-1992 Rear Wheel Drive American made cars only.*
2. *2.Weight: 1400 LBS minimum RIGHT- side weight. (Weight Penalties may be added by Tech to maintain equalized competition)*
3. *3.Gear Rule: 6.00 maximum gear.*

Section 2. Bodies

4. *Bodies: 1975–1992 bodies or AR Muscle car bodies. All bodies must be mounted using the manufacturer’s specifications. Body must match model & year of all body panels including front and rear bumper covers, No holes permitted in rear covers. Body may be made of Fiberglass, Plastic, Steel, or Aluminum. No ABC, Downforce, or Dirt bodies, noses, or panels allowed.*
5. *Roofs will be at least 47 inches from ground measured 10 inches back from windshield (with driver). Bodies must retain their original shape and lines of body being used.*
6. *Windshield shall have vertical support bracing. No shelving allowed (Same width on both sides). Body width maximum from outside to outside of fender bulge is 76 inches.*
7. *Rocker panels must meet ride height rule (with driver). No panning under any car allowed.*
8. *8. Spoilers: maximum 60" X 5" MUST be placed at rear of trunk lid and centered on body. May be constructed of Lexan, steel, or aluminum. Stock spoilers allowed. Steel or aluminum spoilers must have the top 3" constructed of clear Lexan material and be free of any visible construction. No side boxing at ends and all supports must be from back. Maximum distance from top edge of spoiler to ground is 42 inches.*
9. *Windows: Lexan windows may be used. Quarter and rear windows allowed but not required. Door windows are not permitted. No Glass windshields. Passenger side window can extend no further than 10 inches from the base of the A-pillar. Rub rails permitted, only plastic exterior rub rails are allowed between the front and rear tires and MUST be riveted to body with a minimum rivet spacing of twelve inches.*
10. *10.Roof & side Rails: Outside aero rails of any type are NOT permitted.*

Section 3. Chassis

11. 11. Chassis: Stock chassis or Johnson, XYG or Hamm chassis and clips are allowed. Frame must be complete with unaltered or moved mounting points. No Camaro prefabbed snouts. Suspension must match chassis.
12. Mounting Points: No alteration of chassis suspension mounting points for spring locations permitted. Rear trailing arms & upper torque link location may be moved. All REAR suspension mounts must use solid end connections. No rubber, springs, or similar connections.
13. Jacking Bolts: Jacking Bolts permitted on all four corners of car also adjustable leaf spring mounts permitted. No coil over springs.
14. 14. Roll Cage: Main cage must be constructed using a minimum pipe size of 1.75" X .095. Frame tubing must be minimum 2"x2"x.125. Main cage is defined as "any area between the factory firewalls". Drivers' door bars must be plated (18 gauge minimum) or covered (.250 minimum) to reduce the risk of driver injury. Center section must be perimeter type cage. No Offset or Straight Rail chassis/cage allowed.
15. Fuel Cell: Fuel Cell must be enclosed in a steel container and centered to chassis. Fuel cell must have a rear crash bar. Fuel cell must have fire wall mounted in between the cell and driver. 22-gallon maximum capacity. Minimum bottom cell height 10 inches (with driver)
16. 16. Lead: Lead weight may be added to achieve percentages and overall weight required. All lead must be painted a solid color and have the car number painted or decaled onto the lead. Any cars losing a piece of lead during a race will face immediate disqualification. No Tungsten ballast allowed. No weight inside car.
17. Floorboards: Must have floorboard. Must be steel. May be fabricated. 20 GA minimum thickness. Firewalls: Must have firewalls. Must have front and rear. Must be Steel. May be fabricated. 20 GA minimum thickness.

Section 4. Suspension

18. Shocks: OEM or stock mount replacement steel sealed non-adjustable shocks Under \$120ea (OEM, PRO, AFCO, Direct Bolt on NO BILSTEIN or QA1). AFCO series "14" 1475/1474-6 Front & 1494/1495/1493-5 Rear are the ONLY fixed bearing shocks allowed. No shock limiters permitted; shock must be able to make its full travel with no interference. No changing or altering any shock from its original specifications permitted. All part numbers must be visible to be legal.
19. Ride Height: 4-inch chassis ride height with driver in car race ready.

Bodies must meet a 4" ride height on all sides.

20. *Springs: Racing springs allowed, minimum 5" dia. any height is permitted. Springs must remain in stock position. Leaf springs chassis must maintain same number of springs and thickness on each side with No traction bars or panhard bar.*
21. *Tread Width: Maximum Outside tread width 70" measured from rim lip side to side and spindle height. Maximum 1/2 inch spacers permitted, Must match side to side in use.*
22. *Sway Bar: Only a one-piece bar Maximum size bar 1 3/8" diameter front Only.*
23. *Suspension parts must be unaltered OEM unless otherwise noted in rules; Front Hubs MUST be stock steel type, Steel cast iron spindles. Stock type adjustable idler arm and aftermarket drag link permitted. Inner tie rods MUST be stock tapered type, outer maybe replaced with steel hyme joint. Steel or aluminum tie rod adjusting sleeve permitted. Stock type steering box only.*
24. *24.Brakes: All four wheels must have working brakes. Steel single piston calipers Only. Brakes must be OEM or OEM replacement type. Cars can be converted to rear disk brakes. Aftermarket brake pedal assemblies with bias control are permitted. No cross drilled rotors.*
25. *Lower Control Arms: Must be stock. No adjustable control arms or altered setups. Stock type pressed in Ball Joints only. No Screw in or mono ball joints allowed. Johnson or Hamm clips may use their specified control arms.*
26. *Upper Control Arms: Stock or Tubular allowed ANY length.*

Section 5. Wheels and Tires

27. *27.Wheels: Steel racing wheels required. 7- inch width ONLY. 5/8" studs and 1" lug nuts. No pressure relief valves.*
28. *Tires: 15" AMERICAN RACER Tires: P225/70D15 (705) Only. No softening or altering permitted. Must be dry inside before, during, & after any race. Durometer rule in effect.*

Section 6. Engines

29. *Eligible Engines: GM 305/350. Ford 302/351. Mopar 318/340/360. No aluminum blocks. No fuel injection.*
30. *Crate Engine: GM 602 crate engine allowed must be stock, sealed (Alliance), unaltered from stock specs. Crate engines may use stock, out of the box Holley 600 or 650 CFM 4 BRL.*
31. *Engine Location: Must be in stock centered location. Solid mounts allowed.*
32. *32.Stroke: No stroking or de-stroking of engines allowed*
33. *Bore: Maximum overbore of .060*

34. *Heads: Any cast iron unaltered production cylinder head. Dart S/S, WP S/R Torquer, Dart Iron eagle 180cc, permitted. Plaining Allowed. No porting/polishing/gasket matching allowed. Vortec Heads allowed. Roller rockers allowed with same ratio as stock for engine only.*
35. *35.Valves: 2.02/1.60 Maximum valve size. 1.94/1.50 for Vortec or any aftermarket head. No lightweight, Inconel, or titanium allowed.*
36. *36.Compression Ratio: 10.99:1 absolute compression ratio. Will be checked via whistler.*
37. *Crankshaft: Stock unaltered steel or cast crankshaft allowed. No lightning. Balancing allowed.*
38. *Connecting Rods: Stock, H, or I beam allowed. Must be stock length.*
39. *39. Pistons: Any dish, flat, or dome 3 ring aluminum piston allowed. All rings must be steel.*
40. *Intake: Stock allowed or GM 2101/2116 Ford 2181 Mopar 7176*
41. *41.Carburetor: Holley #4412 - #0-80583-1 or 4412BXK (Ultra XP) 500 CFM Max. Stock out of the box no altered pieces allowed. May use (1) - 1 inch (maximum) carburetor spacer with a maximum of two .070-inch gaskets. Spacer must be parallel from top to bottom with non-tapered straight unaltered port holes. (No super sucker or similar spacers)*
42. *Lifters: Stock. No Roller allowed. Camshaft: Any lift permitted. Stock ratio rocker arms to engine used.*
43. *Air Cleaner: Maximum 14" x 4". No air boxes or ram air/cowl induction boxes allowed. Air cleaner must remain under hood.*
44. *44.Exhaust Manifolds: Stock or headers 1- 5/8" maximum allowed. No 180, cross-over or Tri-Y headers. MUST Exit under car using Muffler(s).*
45. *Water Pump: Stock impeller style water pump only. No Electric.*
46. *Ignition: Stock firing order. Stock OEM style HEI distributors only. NO MSD ignition boxes allowed. MSD Rev limiter is allowed.*
47. *Fuel: Sunoco Fuel Maximum 110 octane. No additives.*
48. *Fuel Pump: Electric or diaphragm style pump allowed.*
49. *49.Cooling: No Antifreeze. Electric Fan Allowed. Only 1 radiator allowed. 1 QT overflow bottle required.*
50. *Oiling: NO Dry Sump Oil Systems.*

Section 7. Transmission/Clutch

51. *Transmission: Standard type 3 or 4 speed allowed. Aluminum or steel allowed. No automatics.*
52. *Gears: All gears must be in working order. Car must race in final drive that's 1 to 1 ratio.*
53. *Clutch: Stock magnetic steel 10" Minimum single disk or puck style clutch*

only.

54. *Flywheel: Stock type one piece All steel flywheel only.*

Section 8. Rear End & Drive Shaft

55. *Rear Ends: Rear end needs to be factory for make and model used. Ford 9" units allowed using stock brackets and steel center section in stock location. (full floater permitted)*

56. *Assemblies: No aluminum components allowed.*

57. *Camber: No camber changes allowed to rear wheel drive solid (non-independent) rear ends.*

58. *Differential: Open or locked only. No truetrac, limited slip or similar types allowed.*

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59. *Axle Shafts: Solid steel axles allowed. C-clip eliminators allowed. No lightweight or gun drilled axles.*

60. *Gear Rule: Gear rule will be 6.00 Maximum final drive.*

61. *Steel drive shafts. It is mandatory that 2 (two) 360-degree brackets, no less than 2 (two) inches wide by 1/8 inch thick, be placed around the drive shaft and fastened to the floor or cross member to keep the drive shaft from becoming dislodged and dropping out. All drive shafts must be painted white.*

Section 9. Electrical

62. *Grommets: All Electrical passing through firewalls must use grommets.*

63. *Shut off: Shut off switch must be accessible from out of car. Must be labeled correctly.*

64. *Battery: One 12 Volt battery only. Must be mounted forward of fuel cell.*

65. *Alternator: Allowed. Must not feedback to electrical system preventing shut off.*

Section 10. Safety IMPORTANTS and misc

All cars will not be allowed on the track without the defined safety equipment. Entering the track without the proper equipment is subject to disciplinary action up to and including suspension from the event and/or any future events.

66. *Racing Seat: Containment Racing Seat Mandatory. Seat must not allow side to side movement of driver's helmet in event of an accident. Bolt on containment systems is allowed. Containment system is defined by a 1-piece 2-side reinforced head rest, and 2 reinforced shoulder rests. The headrest must be mounted to the chassis or in accordance to manufacturer specifications. Seats will be checked by SSSS officials.*

67. *Restraint Systems: Head and neck restraint systems must be used anytime competitor goes onto the racing surface. Zamp, Hutchins, HANS, Leatt, Neksgen, etc are all eligible models. A foam neck brace IS NOT a head and neck restraint system.*

68. *Fire suits: Full 1- or 2-piece single layer minimum driving suit is required. Racing gloves and shoes are required.*
69. *Helmets: Helmets must be SA rated with a 2010 date code or newer. Any helmets deemed to be unsafe will need to be exchanged before the driver is allowed to take the track.*
70. *Steering Shaft: Aftermarket steering shaft recommended. Must have a quick release steering wheel. Steering wheel can be made from steel or aluminum. Steering column must have a minimum of 2 U- Joints positioned to not allow steering column to be pushed rearward in a collision.*
71. *Harness: Five Point racing harness required. The date must be within 3 years. Harness installation will be inspected. Drivers will not be able to race if the harnesses are installed against manufacturer suggestions.*
72. *72.Window Net: Window net required may be ribbon or mesh. A latch must be visibly marked with an arrow in case of emergency. Latch can be spring, buckle, or latch type. Window net must be dated within 3 years of the current race season.*
73. *73.Battery: One Battery must be located forward of fuel cell. Battery must be secured by a minimum of two fasteners. It is suggested that the battery not be mounted within the engine compartment or drivers compartment if securely fastened and covered.*
74. *Fuel Cell: Fuel Cell area must be separate from driving compartment. Fuel lines are not permitted to be run through the driver's compartment. Firewall cannot be made from aluminum. Fuel cell must be in metal container and approved by series officials. Fuel Cell must be mounted a minimum of 10" off the ground, centered in the chassis, and safely mounted.*
75. *Fuel Pump: Electric fuel pump must have a switch clearly marked. Electrical on off switch must be located within reach from outside of car and driver.*
76. *Certification/Inspection: Cars will be inspected before any track time will be given.*
77. *MIRRORS: Permitted.*
78. *RADIO'S: Only Scanners permitted allowing the driver to hear track personnel. Scanner can Only have the track frequency programmed. No 2-way radios or any device allowing other communication from another source.*
79. *TRANSPONDERS: AMB transponders are required on each car located no further forward than 78 inches, measured from center of front wheels back. Rentals will be available at track.*

Declaration of Intent

80. *Anything not specifically covered in this rule book must be approved for competition by the Technical Director. Anywhere when the term "stock" or OEM is used this includes all after-market products and components that must conform to the original equipment manufacturer specifications. There are no changes to stock or OEM components unless outlined specifically in the rules.*
81. *IT IS THE RESPONSIBILITY OF THE COMPETITOR TO OBTAIN AND BECOME FAMILIAR WITH THE CURRENT RULES PERTAINING THE DIVISION IN WHICH HE/SHE CHOOSES TO PARTICIPATE.*
82. *The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing to establish minimum acceptable requirements for such events. These rules shall govern the conditions for all events, and by participating in these events all participants are deemed to have obtained and read, and understood a copy of the current rules, and complied with these rules.*
83. *NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE GUIDELINES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.*