



## 2008 Hobby Stock Rules

**CHASSIS:** Any U. S. manufactured 1960 or newer stock passenger cars will be allowed. Frame, body and engine must be stock for make. Minimum factory stock wheelbase allowed is 108". All frames must be absolutely stock. NO Camaros, Firebirds, and Mustangs will be allowed in this class.

**BODY:** The body must be stock with no modifications. All plastic, chrome, glass and interior must be removed. All taillight, headlight, and parking light assemblies must be removed. Cars must have full metal stock front and rear firewalls, full stock floorboards, & rocker panels; trunk and rear fender wells. Doors must be welded or bolted closed. One Nerf bar on each side allowed between tires only and must be flush with body. All welds must be complete with no tack welding allowed. No hood scoops. **Aftermarket OEM - appearing noses allowed.**

**Screen supported by 3 vertical bars must be on driver's side of windshield. Full screen is recommended.**

**STEERING:** All steering components must be stock and sector must be in stock location (quick steering optional). Quick-release steering wheel is mandatory.

**SUSPENSION:** Front suspension must be A-frame type. Must have OEM hubs (right front may be heavy duty). Heavy-duty shock absorbers will be allowed (one shock per wheel). Front and rear suspension must remain absolutely stock and in original location. Suspension may not be reinforced. No weight jacks or aftermarket parts will be allowed.

**IGNITION:** Ignition must be stock battery-type only. Use of magnetos, dual points or aftermarket electronics will not be allowed.

**ENGINE:** Engine must be stock for make in stock location. Block, heads, and intake manifold are to be cast iron only. GM intake numbers 12366573, 12496820, and 14097494 are **not** allowed. No porting, polishing, nor angle milling of heads will be allowed. No GM angle plug heads, no bow tie heads, and no aluminum heads will be allowed. No Brezinskis. The maximum valve size for Chevrolets is 1.94" intake and 1.50" exhaust. Over-size valve springs will NOT be allowed. Screw-in studs and guide plates will be allowed. Crankshaft and connecting rods must be stock for make and model of engine. No after market racing parts allowed. Must maintain stock bore and stroke combination. Use of hydraulic cams only: No roller lifters, overhead cams nor gear drives allowed. No roller rocker-arms will be allowed. Pistons are to be cast flat-top, 4-eyebrow only. No pop-up pistons will be allowed. The following blocks only will be allowed: 350, 302, 327 in Chevrolet; 360 in Chrysler; 351 in Ford. Block may be bored to 0.065" over. Front motor mounts may be 45-degree type. Engines must pull 16" vacuum at 850 rpm. **Crank must weigh 50 lbs. 3.480 stroke only.**

**CARBURETOR:** Carburetor must be stock for year, make and model of car. Only one 2-barrel or one 4-barrel carburetor may be used. No dual line double pumpers. No Holley on GM cars will be allowed. Must have stock Motorcraft on Fords. No fuel injectors, super chargers, turbo chargers, nitrous oxide injection nor water injection will be allowed.

**BRAKES:** Must have OEM hubs and brakes with a minimum of three (3) wheel brakes in good working order. Four (4) wheel brakes is recommended.

**WHEELS:** Wheels must be steel only with rims not to exceed 8" in width. Bead locks are allowed on right side (driver option). All wheels must have a minimum of five (5) 1" lug nuts. No stock wheels on right side.

**TIRES:** Cars may run 60 series DOT passenger tires, Hoosier 500 pull-offs, or IMCA pull-offs. Bleed-off valves may not be used.

**EXHAUST:** If a stock cast iron exhaust manifold is used, mufflers are not required. Use of headers requires the use of SCE 63030, SCE 83030, or IMCA 609 mufflers. Must register no more than 100 dB at 100 feet. All exhaust pipes must run behind driver.

**ROLL CAGE:** A steel roll cage is mandatory. Front and rear cage-type roll bars must be connected at the top. At least 3 left-side door bars and 2 right-side door bars are mandatory. Also, proper bracing and triangulation on front and rear roll bars required. Minimum size allowed for all tubing is 1 1/2" O.D. x 0.120 thickness or 1 3/4" OD x 0.095 thickness. Doors may be gutted for side-bars. A front loop extending from the roll cage forward to protect the radiator is allowed, but must be no wider than the front frame rails. The loop may be braced to the frame. Rear loop is allowed, but not wider than the rear frame rails. It may be braced to frame rails.

**REAR-END:** Stock for make and model. Rear-end must be locked by welding spider gears or with a spool. No limited slip assemblies of any kind. Floaters and quick-change rear-ends are not allowed. Nine-inch Ford rear end allowed.

**TRANSMISSION:** Stock for make and model; standard or automatic. All cars must be able to leave pits and starting line under their own power. From a neutral position with the engine running, a car must be able to go forward and backward. Must have a working 10.5" clutch, single disc only, no aluminum flywheels; an automatic must have a 10" converter. Drive-shaft must be painted white and safety loops are required. No Power glides allowed. Scatter shield for automatic transmission is required. Lakewood type bell housing required for standard transmission.

**BUMPERS:** All cars must be equipped stock steel automotive bumpers, front & rear (exception is stock appearing nose). Must be securely mounted in typical stock location. Inter-marriage of bumpers allowed if similar in size and conformation of original. Inside reinforcement is permitted. Stock bumper absorber mounts should be replaced with solid steel mounts. Bumper ends must be attached to fenders to avoid hooking of other cars. All cars must be equipped with tow hooks or a small chain loop, front & rear, easily visible and accessible for quick hookup.

Rear of car must be completely sealed, including covers for taillight assemblies.

**FUEL TANK:** Only one fuel cell is allowed. The fuel cell must hold at least 6 gallons, but no more than 16 U.S. gallons. Fuel cell must be mounted in trunk area and not visible from the exterior. Pressure tanks are not allowed on fuel system. If fuel lines are running through the driver's compartment, they must be inside metal tubing or steel braided tubing. No cast iron fittings may be used. Only fuel type hose may be used for fuel line. Steel braided recommended. Electric fuel pumps may not be used. Trunk floor may not be removed, but must have a way of letting gas escape, such as drain holes. **Use of a fuel cell is mandatory.**

**FUEL:** Racing gas is allowed. No alcohol.

**RADIATOR:** Only one radiator may be used. It must be centered in front of the engine in a vertical position. No auxiliary cooling tanks are allowed. Transmission and engine cooling tanks are allowed and must be shielded from the driver and may not be mounted in the window.

**BATTERY:** The battery must be securely mounted and covered. It must be in good working condition, capable of starting the car. A battery box is recommended.

**SEAT:** The seat must be properly installed and the seat backrest must be no farther back than trailing edge of the door. Seats that have been approved for racing are required. The seat must be properly secured to the frame or roll cage. A metal plate 1/8" thick must be under the seat and extend forward to protect legs and feet from objects that may come up through the floorboard. . No fiberglass seat may be used.

**WEIGHT:** Minimum weight allowed for the car after the feature race is 3400 pounds. Any ballast added to the car must be painted white with the car number on it and must be securely welded or bolted to the frame. No tie straps may be used.

**SCORING:** Numbers on cars must be located on both doors, the roof, and on the back. They must be in a color which contrasts with the color of the car. Numbers on the doors must be 24" tall and 4" wide. Numbers on the roof must be 28" tall and positioned to be read from the passenger side. Numbers on the back must be 6" for the following driver to be able to read. Numbers only, no letters will be accepted. Numbers must be easily read by scorekeepers to insure proper placing.

**ANY CAR FOUND ILLEGAL WILL FORFEIT UP TO 100 POINTS PLUS NO MONEY OR POINTS FOR THE NIGHT. WILL BE TECHED WHEN RETURNING TO RACE.**