

## 2010 Stock Class Rules

#Stock Class Rules:

UPDATED 10/13/09

1. JJAM Racing has the right to refuse any car.
2. All glass and trim must be removed.
3. Car body must be in factory stock appearance. Max width is 73" on metric body styles.
4. Factory firewall, floor pan and rear firewall all must be left in stock positions.
5. Must have stock lower A-frames. Shocks and springs must be in stock mounts.
6. No weight jacks, spring spacers or spring blocks. No ballast allowed
7. May mix rear ends. Example: Ford 9 inch in a Chevy car. Ford 9" or floater rear ends allowed.
8. Rear ends may be welded Drive shafts must be painted white, front drive shaft loops – all mandatory. Spider gears may be welded or can use a spool. No Detroit lockers or lockers of any kind allowed.
9. Engines must be strictly stock. Air cleaner with element must be in place. Only 2 barrel carburetors with cast iron 2 barrel intake only. Max 1" of spacer including carburetor adapter plates only.
10. No center dump exhaust allowed. No headers. All exhaust must be under the car.
11. Motors pull 17 inches of vacuum at 1000 rpms at all times, hot or cold, using JJAM equipment. Must have ¼ inch port off of intake. Hose must be assessable from driver's side window door post.
12. Maximum cylinder compression of 175 lbs at any time. Zero tolerance.
13. All automatic transmissions must have working 10" min torque converters, holding 3 qts of fluid minimum. Drain plug required on converter.
14. Quick steers allowed. Collapsible steering shafts recommended. No brake bias or auxiliary valves allowed.
15. Motor -- 360 cubic inch maximum. Chrysler only, 375 cubic inch maximum--no Big Blocks . Valve cover and 2 rockers will be removed to pump motor upon tech official's request.
16. No roller rockers, no roller tips or roller cams.
17. No porting and polishing of heads, manifolds, or intakes.

18. Must be factory heads with stamp. Cast iron only.
19. OEM ignition only – no MSD's or Excel. No computer board distributors.
20. Will allow small hoop 6 inches behind rear tire, 3 inches from rear trunk wall not to exceed .095 thickness, between outside of frame and inside rear quarter panel. Can not bolt inner fender to outer fender front or rear. **No fender or wheel well reinforcement.**
21. Oil filter and body must be in stock position.
22. Drivers shoulders must remain in front of B-pillar. Seat must be in stock driver's position. Factory floor board and firewall must remain intact.
23. Full 4 point cage, door to door, fire wall to fire wall is required. Inch and a half or greater pipe, .095 or greater thickness is required. Three driver's door bars or more are mandatory. Fuel cell protection to the rear of the car only. Must stay inside frame.
24. Any welding on driver's side is allowed between front and back tires for drivers' protection. Only door seam on passenger side may be welded. Rub bars allowed on each side between wheel openings only, no bigger than 1X2" tubing/bar, ends must be tapered, smooth and securely fastened. All doors must be chained or welded.
25. Hoods and trunks must be chained or pinned.
26. Bumpers **must** be welded on each side with 3 inch x 1/8 inch strap (cap) not exceeding 12 inches in length. Must be stock bumper. No channel irons allowed. Plastic nose cones allowed over stock bumper.
27. Radiators in stock location only. Radiator support can only have 1/8 inch tubing in a hoop where original was. Anything in front of radiator must be aesthetic only and not structural. May have 2 straps (like seat belt straps) holding radiator.
28. When repairing frame between tires and bumpers there can not be anything used thicker than 1/8 inch tubing and no larger than the frame. Must have 2 – 1/2 inch holes for inspection front & rear.
29. Batteries are recommended to be under the hood and moved from original position. However, batteries may be on passenger side floor if it is in a steel box, covered and securely fastened. No plastic boxes are allowed. No cooling systems (i.e. water, transmission, or oil) allowed inside the drivers compartment.
30. Gas tank – fuel cell in the trunk is mandatory. Must be securely fastened using 2 inch by 1/8 inch steel straps or greater. Fuel cells must be mounted above lowest point of frame rails. No stock gas tanks. No electric fuel pumps. Maximum of 10% ethanol blend.
31. Seat belts are required. 4 or 5 point harness is required.

32. Vehicles can have engine cradle/horn supports from firewall forward, consisting of 10ft of 1 ¾” tubing only and 19 ft of 1 ½” tubing or less including radiator support. No wheel well supports.

33. Cars subject to inspection at any time.

34. All cars subject to re-tech after the heats and/or main.

35. Driver & 1 pit person only allowed in tech area.

36. Rub rails are optional. See rule #24.

37. ROLL CAGE: Main cage must consist of continuous hoops, minimum 1.75 inch O.D. tubing, with a minimum wall thickness of .095 inch, *low carbon or mild steel recommended*. Four-post roll cage required, front down bars and rear must be welded to OEM frame. Driver’s head must not protrude outside cage with helmet on. No offset cages. Rear hoop must have “X” brace, consisting of one full horizontal and one full diagonal bar, minimum 1.25 inch O.D. and .083 inch wall thickness. Front down bars must be tied together, passenger side front down bars must be maximum 11 inches in from top of door. Must be minimum 40 inches between front and rear down bars at top of door panel. Maximum 41 inches (48 inches for 1988-1996 GM bodies) from top center of windshield to front edge of rear hoop; maximum 13 inches (20 inches for 1988-1996 GM bodies) to front edge of top halo. Top halo must be minimum 40 inches across, outside to outside. Rear hoop may be maximum 12 inches in from bottom of opera window. Minimum one cross bar in top halo. May have maximum two horizontal bars, (in addition to bar tying front frame horns together) for radiator protection; must be behind bumper, within confines of body, no wider than stock frame horns

*38. Wheels and Tires*

*\*8 inch steel wheel only*

*8” Racing tire—non bead lock wheel only*

*DOT tire—bead lock wheel if desired*

*Grinding or grooving of tires is allowed.*

39. *All cars must have 4 working brakes. Disc brakes are allowed.*