

Pro Stock 4x4 - 6,200 lbs

PS - window designation

Drivetrain:

1. Tires must be DOT approved street legal with factory stamp. No tread alterations of any kind; ie. sharpening, cutting, re-grooving, or tread touch up. Maximum tire size of 33x12.50 or 305 x 16. Tire size must be displayed on the tire.
2. Solid rear suspension allowed.
3. Any rear-end housing size is permitted. Maximum of 1-ton front-end housing allowed. No air lockers or electronic locking devices. The width of the housing is to be like the width of the factory housings.
4. Weights/weight bar must not extend forward more than 60" from the centerline of the front axle.

Engine:

5. Engine must be the same make as the vehicle. Rear edge of the block to the center of the axle can be no less than 14". May only use cast iron blocks with any cast iron heads or aluminum type heads that are acceptable are NHRA pro stock legal with wedge shaped combustion chambers, no hemi type chamber (can have spark plug in middle through valve cover), OEM or aftermarket. Any internal engine modification allowed.
6. Any single 4500 carb flange, 4-barrel manifold required naturally aspirated. Sheet metal intake manifolds are allowed.
7. A 1% variance will be allowed on a maximum limit of 485 cubic inches.
8. Maximum engine bore spacing of 4.9"
9. No electronic timing devices.
10. No traction control or digital boxes.
11. All boxes must be sent away and sealed by MSD prior to pulling.

Body/Chassis:

12. All body components must have a factory production OEM frame.
13. Vehicle must retain the original wheelbase or minus 1/2" and stock appearance, 133" maximum.
14. Hood scoops optional.

Hitch and Drawbars:

15. Any nonmember or puller that does not conform to the rules shall lose 2" of hitch height or 200 of weight by their choice.
16. Primary hitch must be secure to vehicle frame in all directions, hitch stem may be any length as long as point of hook is not less than 36% of wheelbase.
17. Hitch point to rear axle centerline must be a minimum of 36% of wheelbase. This distance cannot change during the pull.

18. Hitch stem angle must not exceed 25 degrees measured on the stem with angle finder. Main stem must be straight from the point of hook to pivot point. (On the same plane)
19. No part of the hitch can be attached or come into contact with the rear axle during the pull except the stem adjuster.
20. Hitch adjuster must not locate more than 6 inches from the point of hook.
21. Hitch height cannot exceed 26" from the point of hook to ground or track.
22. No "L" shaped drawbars. No "reese style" or telescoping hitches. Stem must be rigid in one piece.
23. No drawbar angle greater than the angle of the sled chain. Acceptable angle is 0 degrees to a maximum of 25 degrees. This will be measured by the angle of a straight edge from the point of hook to the center of the pivot point.
24. All turnbuckles that control drawbar height from BELOW the drawbar must be vertical or angle FORWARD from the attachment point on the drawbar to axle housing. Attachment point on the axle cannot be above the centerline of axle housing.
25. All turnbuckles that control drawbar height from ABOVE the drawbar must be vertical or angle BACKWARD from attachment point on drawbar frame.
26. Drawbar to be made of steel, minimum of two square inches total material at any point. This will include the area of the pin with pin removal. Pin will be minimum of $\frac{7}{8}$ " diameter. Drawbar must be equipped with steel hitching device constructed of not more than $1\frac{1}{2}$ " square nor less 1" square ($1\frac{1}{8}$ " round stock) with an oblong shaped hole of $3\frac{3}{4}$ " long by 3" wide.
27. No cam type rear ends. All rear ends must be welded or bolted by a minimum of 3 bolts per side solid with a minimum of $3\frac{5}{8}$ grade 5 bolts per side of the frame.

Transmission:

28. Aftermarket transmission and transfer case allowed.

Fuel & Water:

29. Alcohol fuels and propylene oxide are not allowed.
30. VP Fuel and water only with all vehicles. A \$50 fine will be assessed for lack of fuel and water test ports for all classes. Also, for any minor infractions of fuel or water quality. Each vehicle must display 2 VP Racing Fuels decals one on each side.

All vehicles and pullers must comply with the association's general rules.

MPA Officials have final say on all rulings and decisions.