

## PTPA Stock Tractors Rules

**\*\*\*\* Must be 14 years of age to pull stock classes with Parental signature \*\*\*\***

1. Tractor must be a stock block agricultural tractor with no visual engine modifications, No cubic inch limit. Engine must be the original type or factory replacement. All turbo-chargers must be under the hood. Original style hood and grill must be in place. Starter must be in place, All wheels must be in place. All stock tractors must have PTO and Hydraulics present and working on 1957 and newer tractors or have factory Manufactured covered in place. Fenders must be present on all 1957 and newer tractors.
2. All factory fuel tanks must be in place and in use and all air cleaners with proper elements in place. Fenders must be present on all 1957 and newer tractors.
3. All exhaust must: (a) discharge upward with a minimum pipe length of 18" from the hoodline or use a muffler. If a curved pipe is used it is recommended that it discharges forward unless it is stock factory equipped that does not allow it to be turned. (b) or be an underslung exhaust system in working condition.
4. No turbo chargers or intercoolers allowed in class 5500 lbs - 7500 lb unless original factory equipment for that make and model was entered. Any 3" turbo on the outside not to be machined to be allowed in 9500lb, 11,500lb, 13,500lb and 15,500 lb classes.
5. Weight classes and the maximum tire width for classes are 5500 and 7500 are 18.4X38. 9500, 11,500 and 13,500 are 20.8X42.
6. Contest open to 2- wheel drive tractors with rubber tires (top cut tires only, no dual tires, no tire stud or chains permitted). 4- wheel drive tractors allowed if front wheels are disengaged.
7. Drawbar is to be stationary in all directions with no more than 1" of movement in any one direction. Maximum height of the drawbar is to be 20" length of drawbar to be no less than 24" from the center of rear axle. Drawbar must be equipped with steel- hitching device not to be more than 1" thickness and minimum 3" diameter opening. Cross sectional thickness must be  $\frac{7}{8}$ " minimum. Pulling point may not be more than 1  $\frac{1}{16}$ " from the back edge of the hitching device. PTPA suggests fastening hitching device with one  $\frac{7}{8}$ " or two  $\frac{5}{8}$ " grade 5 bolts and or bolts. No top bracing except complete factory setup. No quick hitch type adapters allowed on tractors.
8. No weight frame or weight may extend more than 24" beyond the most forward point of the tractor. All weight frames and weight must be stationary and safely secured to the tractor and must not extend rearward beyond rear tires. No weights may be located in a position, which could hinder safe operation of the tractor. No ballast on the tractor seat and or deck. No weights or brackets may exceed in with 12" beyond tires. Any ballast or external parts lost while hooked to the sled will be cause for disqualification. No weights brackets to be closer than 8" to the drawbar hook point.
9. All stock tractors are limited to 10% over factory RPM limit, with the maximum 3000 RPM limit on stock tractors. If during a check of RPM's the tractor exceeds 3200 RPM's, the tractor will be barred from pulling.
10. During pulling the governor must be in working condition and must not allow the engine to exceed 3000 RPMs under load.
11. Any rotating PTO shaft that can not be stopped by the driver's hand must be shielded.

12. All stock tractors must be tested before being allowed to hook and compete.
13. Contestants must be 18 years or at least 14 years with parents or guardians signed consent.
14. The use of torque converters, automatic shifts, etc. will be permitted or original factory equipment for make and model being entered. No slipper clutches.

### **Hot stock tractors Rules**

**Weight classes 9,500 lbs - 10,500 lbs, Can run 2 classes only.**

Must have standard block and crankcase for make and model being entered.

Must use OEM head. Tractor identification must be by actual transmission

Rear end and chassis size not by decal or street metal.

1. All stock tractors must be equipped with the original style hood and grille.
2. Exhaust must discharge vertically upward above the highest point of the tractor with the exception of roll bars and be securely attached. Exhaust must be at least 18" above the hood and no curved pipes or rain caps can be used. Exhaust pipe must be cross bolted with two ½" bolts and within 1" of each other.
3. Minimum drawbar length 18" from the rear wheels to the point of hook. Drawbar must be stationary in all directions, not over 20" from top of the hitch parallel to be ground.
4. All engine fans must be shrouded with steel 1/16" or thicker, 360 degrees or factory.
5. Turbocharger must be under the hood. Maximum turbocharger size of 3LM or the equivalent with 2.8 maximum inlet bore at the compressor wheel. Compressor wheel or a restrictor plate ¼" thick with no larger than 2.8 in diameter within 2" of a compressor wheel. Compressor wheel must extend into the throat of the housing.
6. Maximum 540 Cubic inches.
7. Intercoolers and water injection allowed.
8. Injection pump size and type must be the make of the tractor, A or P pump maximum.
9. Fire Extinguisher required, A 21/2 lbs. Dry chemical or halon must be used.
10. All tractors operating at or over 3000 RPMs will require the following:
  - a. Flywheel protection in the form of either a scatter blanket or 4"X ¾" steel around the flywheel area.
  - b. Air shut off.
  - c. Side shield .060 thickness.
  - d. Wheelie bars must support the weight of the tractor.
  - e. Side Ties Bars SFI flywheel highly recommended.
11. Must have fenders.
12. Top 4 tractors subject to inspection.
13. Drivers must wear shirts, heavy shoes and long pants. A helmet is required and A fire suit is highly recommended.
14. Maximum tire width is to be 24.5".

15. All stock rules that don't contradict the previous rules apply.
16. No cut tires will be allowed in 12,500 and 15,000 weight class and cubic in limits  
Will not apply in these 2 classes.
17. Must be 16 years of age to run hot stock classes proof of age will solve all problems.