

GENERAL VEHICLE RULES

1. Contest is limited to rubber-tired vehicles. No tire chains, rear duals except for diesel trucks or four-wheel drive tractors are allowed.
2. All vehicles will have a tow hook in front to pull the vehicle when necessary. Tow hook may extend in front of weights.
3. All vehicles will have a 2 ½ pound fire extinguisher mounted within easy reach of the driver. A Halon fire extinguisher of equivalent size may be used.
4. All vehicles will have a strong seat, which will be inspected by a safety official.
5. All vehicles will have an area free of all obstructions immediately above the drawbar six (6) inches wide and twelve (12) inches high.
6. Use of gravity-altering fuels is NOT allowed in all classes except for 6200 Prostreet 4x4 Trucks. (e.g., oxygen, nitrous oxide, nitro methane, etc.)
7. All vehicle's throttles will push forward for "open" position and rearward for "idle" position. All throttle cables will be solid with no exposed cables. All vehicles will have a return-to-idle spring on the throttle.
8. Drawbars will be stationary in all directions and must be painted bright orange. (See drawbars rules in the back of the MSTPA Rule Book).
9. Weights will not interfere with sled or chain.
10. All blower belts will be shielded on top and sides with 1/16th inch steel or 1/8-inch aluminum.
11. All blowers will have an approved blower restraint with four separate straps.
12. All vehicles with turbo and no muffler will have two (2) 3/8th inch bolts in the exhaust, as close to the elbow as possible at 90-degree angles, and no farther apart than two (2) inches.
13. All vehicles running cast iron harmonic balancers must shield them 360 degrees with ½ inch steel no more than one (1) inch away, with a minimum of two (2) ears each, extending one (1) inch in front of the hub. All others must have retainer tabs.
14. All vehicles will have an approved kill switch or air shut-off to be attached to the pulling sled without restraint and will be checked at the Board's discretion.
15. All vehicles will have a working neutral safety switch to allow vehicles to start only in "neutral" or "park".
16. All vehicles, except four-wheel drive (4x4) trucks, will be equipped with "wheelie bars" to: (1) be constructed to conform to rules and chart in the back of the MSTPA Rule Book; or (2) use a five (5) inch by five (5) inch solid steel or aluminum roller mounted with a ¾ inch grade eight (8) bolt that will not turn with the roller. It must be strong enough to support the weight of the vehicle.
17. All Two-wheel Drive Trucks and Modified Tractors with injected engines will have dual return-to-idle arms and springs on all injection and butterfly shafts.
18. All tractors will be equipped with individual workable rear-wheel brakes.

19. All tractors will have wide front ends.
20. All tractors will have fenders which will support the weight of the driver and protect him/her from contact with the tires.
21. All tractors will be equipped with a five-point harness and have a roll cage to meet the requirements of the class.
22. All vehicles will have a back-up light a minimum of two (2) inches in diameter to be activated by the gearshift lever when the tractor is in reverse.
23. All tractors must have a clutch blanket or SFI approved clutch can. Anything over 3000 RPM must have a steel fly wheel.
24. Tractors up to 6,500 lbs. will have a roll cage with a minimum of two (2) bars 2" diameter material with 90 thousandths Chrome Moly or 120 thousandths cold steel. All other tractors over 6,500 lbs. must have a minimum of a three (3) bar cage using 2" diameter material with 90 thousandths Chrome Moly or 120 thousandths cold steel.
25. All cages must be approved by the Board of Directors.
26. Contestants are not allowed to add fuel or change tire pressure after crossing the scales. (Anything that can alter the weight of a vehicle must be on the vehicle when crossing the scales.)
27. Only paid members in good standing with MSTPA may drive a self-propelled pulling vehicle to the scales.
28. All diesel tractors are required to have a three (3) way dump valve.
29. All turbo charged diesel motors must run 1 – certified 3/8" inch cable or 2 - uncertified 3/8th inch cable around motor between 1 and 2 cylinders and fasten with two (2) cable clamps and have four (4) inches of slack in it.
30. Tractors will have side shields of .060-inch metal extending four (4) inches above and four (4) inches below the crankshaft.
31. Any vehicle with a lift or tilt body without working doors MUST have an escape hatch in the roof of the vehicle. The roof hatch must be no smaller than 17" x 18" in size.
32. No GPS or ground speed devices for fuel management for the purpose of traction control.
33. **ALL VEHICLES WITH TURBO:** Exhaust will have four (4) 3/8 inch bolts, two (2) ½ inch bolts or a turbo containment device within 2" of cast turbo housing at 90-degree angles.
34. Any tractors (excluding mods) with cast rearends are to be no farther than 60" maximum from center of rear axle to rear of engine block to allow for adapter plates and mismatch engines, transmissions, and sheet metal configurations.