

Modified 4X4 Drive Trucks

1. Maximum weight of pulling vehicle is 6,200 lbs.
2. Maximum cubic inch limit is 650.
3. Any automotive type engine, must be naturally aspirated, with only two valves per cylinder.
4. Maximum bore spacing allowed is 5.00".
5. No digital, microprocessor, computer, or programmable ignition controls. No traction control ignition accessories. No six shooter, power grid systems or similar type ignition controls in any class.
6. The use of airbags, air shocks, hydraulic cylinders or electronic controls as components of a chassis' suspension system is not allowed. This shall not prohibit the use of conventional sealed circuit shock absorbers that have no external plumbing lines or external reservoirs. 93
7. The use of hydraulic cylinders to retract and or project a weight box is permitted if:
 - A: The cylinders themselves internally limit the travel within the allowable 60". No removable or fixed pins, or external stops, to limit the projection travel.
 - B: During tech it will be pinned at exact position, and must stay in that position during weigh-in, hitch pad adjustment, and competition.
8. Rear of engine block can be no farther forward than the centerline of the front axle.
9. Engine must be behind grill.
10. Front weights may not extend more than 60 inches from centerline of front axle. No loose weights allowed in cab or under hood allowed. Front weight boxes will be rigid and have a minimum of 8" of ground clearance for staging and competition.
11. Truck or van bodies permitted and must have complete firewall.
12. Planetary axles are permitted.
13. Tube frames are permitted.
14. Axle shields are required. Shield to be .060" thickness steel or aluminum. Shield not to be mounted to axle ends or hub bolts. A single hole may be cut in one to allow locking in of hubs.
15. Maximum wheelbase is 133 inches on all Modified 4X4 trucks. Wheels must be centered in wheel wells. Body must be lengthened or shortened between cab and rear wheel wells, to maintain rear wheels centered in rear wheel well.
16. Maximum tire size to be 112 inch circumference, when 46 inflated to 30 psi with original bar, not to exceed 18 inches in width before cutting.
17. Front tow hitch will be strong enough to push, pull or pick the vehicle up. Only a 6x6 piece of steel with a minimum thickness of 1" and a maximum of 1.25" thickness will be allowed. A round three (3) inch hole is required in front tow hitch.

18. Clear plexiglass or factory tint glass permitted.

19. No mud flaps or dirt deflectors will be permitted.

20. No fuel tanks, fuel lines, pressure gauges or pumps allowed in cabs. All hydraulic lines in cab must be shielded top and sides with a minimum of .060 aluminum.

21. All air or hydraulic suspension systems cannot have hydraulic, air, or electric lines attached during to these devices during competition.

22. Hitch height maximum to be 26" at point of hook before, during, and after pull. Hitch must be rigid in all directions and solidly mounted. Pulling point can be no more than 1" inch from back edge of drawbar. No clevis, chains, or cables permitted in hitching device. From point of hook to centerline of rear axle shall be no less than 30% of truck wheelbase and shall not slope any greater than 25° to hitch point.

23. No hitch supports or adjusters, if fastened to the rear axle housing shall be above the center line of the rear axle. Pivot pin of drawbar can be no farther forward than centerline of the rear axle.

24. Bumper Bars.

A minimum 8 in vertical bumper bar be placed in line with each frame rail so bottom of bar is a maximum of 18 in. from the ground and located beyond the furthest most part of the body structure. Bumper bars must be braced forward to frame at both top and bottom (no "T" type bars). Bumper bar assembly including braces must be min. 1 1/2" x .095" wall steel tubing (square or round). Bumper bars must be securely attached to prevent collapsing on impact. 47

25. Front safety wheels

a. All FWD vehicles must use (2) wheels no more than 6 inches off the ground, within 6 inches of the forward most part of the vehicle.

b. Wheels must a minimum of 6 inches in diameter by 4 inches wide.

c. Wheels must support the weight of the vehicle.

d. Wheels must be raised or removed for the purpose of ground clearance when vehicle is not on competition track. e. Wheels must be at least 3 feet apart.