

LYCOMING COUNTY FAIR 4X4 TRUCK PULL

Street Legal Semi Truck Class

Revised 2024

This class is for street legal, licensed semi trucks. This is truly an OPEN class for all semi trucks, but it is definitely NOT a PURE STOCK class.

Designation: ST

Weight of Truck: (22,000 lb. Maximum) Promoter can weigh any truck at any time.

Regulations:

All entries must be a Street Licensed Semi Truck.

The owner must furnish a current registration card for the vehicle at the time of resignation and the driver must have a valid CDL license.

Truck must be capable of pulling a trailer on the highway.

All trucks must be driven to pulls.

Interior: A complete interior, including dashboard, door panels, headliner, etc., is mandatory. Aftermarket seats are permitted; they must be fully upholstered. All factory controls (lights, signals, horn, windows, wipers, etc.) must be retained and be operative. The use of hand-throttle controls is prohibited.

Steering: The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power steering assistance, if it was so equipped. Additional stabilizers are permitted. Non-OEM power assist methods are prohibited.

Street Equipment: Complete headlight and taillight assemblies (all) are mandatory and must be operative. Complete OEM windshield and windows are mandatory. Windows must be operative per factory specifications; that is, they must open and close via OEM electrical or mechanical means.

Suspension/Airbags: The use of air bags is permitted. However, no air may be added to or removed from the air bags while the truck is hooked to the weight transfer machine. The height of the hitch must remain the same from start to finish. Any change in the hitch height will be cause for disqualification. **Chaining or blocking of drive axles is not permitted.**

Tires: The tires must be DOT street tires. Cut tires are prohibited.

Transmission: Transmission must have been available in a class 8 truck from factory.

Turbocharger(s): A single turbocharger is the maximum permitted. ***Exception: A factory 2006, 2007, 2008 Cat twin turbo is permitted with the factory-installed twin turbo set-up and absolutely no modifications. Also, NTC 475 Cummins factory twin turbo set-ups are allowed.**

Water Injection: Water injection in any form is not permitted. No ether, alcohol, nitrous or other combustible (propellant) liquid or combustible material may be injected into the turbocharger or any part of the air intake system.

Ballast: Ballast is not permitted at any point on the chassis. Special trucks, such as oil field trucks that carry additional weight not normally found on a "road ready" truck are not permitted in this class.

Batteries: Batteries must be securely mounted. They may not be mounted in the driver compartment, or forward of the radiator support.

Body: Trucks must have a minimum of 66" from the center of the tandems to the first structural obstruction such as the bunk, toolbox, cab, etc. This is the minimum swing clearance needed to pull a trailer.

Driver: The driver is the only person allowed to ride in the cab while vehicle is on pulling track. The driver may not leave the seat while vehicle is on the pulling track. All directions will be taken from the flagman on the track.

Driver Restraint: Driver must use seatbelt and shoulder harness if the vehicle is so equipped, when hooked to the sled.

Engine: Engine must be stock appearing. Engines in the truck must have been available in a class 8 series truck.

Exhaust: Exhaust must be directed away from the fuel tank and driver and exit upward.

Fire Extinguisher System: A fire extinguisher is mandatory. A fire extinguisher system is permitted.

Fuel: Normal pump diesel is the only fuel permitted in the class.

Fuel Pump: Alteration/modification/replacement of the (OEM) original factory fuel pump is not permitted. No fuel pump may be modified with Sigma parts. A Cummins engine must have a Cummins fuel pump. A Detroit must have Detroit fuel pump. A Cat must have a Cat fuel pump. Electronic engines must remain electric. No mechanical fuel pumps permitted on electronic engines.

Hitch: Hitch weight is to be determined by promoter. Hitch must work from the fifth wheel with the fifth wheel centered between centerline of the front axle to the center of the two axles.

