

OPEN STREET DIESEL 4x4 TRUCK PULL RULES & REGULATIONS

1. Maximum weight of 8,500 lbs.
2. BATTERIES - Batteries must remain inside the engine compartment and must be securely fastened. No batteries allowed inside the cab or forward of the radiator core support.
3. BRAKES - Four-wheel hydraulic brakes are mandatory.
4. BODY - The body must be an OEM truck body, the complete OEM floor pan and complete OEM firewall is mandatory. All body panels including in the inner and outer skins of the truck bed as well as the bed floor must be O.E.M. Manufactured flatbeds are permitted, no homemade beds.
Metal aftermarket hoods are permitted; fiberglass hoods are not permitted. Hood must be closed and securely latched during competition.
Front bumpers must be factory stock. No weighted front devices are permitted, this includes but is not limited to homemade bumpers, brush guards, "Ranch Hand" type bumpers, and winches. Lower brackets (only) for snowplow frames are permitted so long as no modifications that would add weight are determined. An unaltered decorative brush guard may be permitted at the option of the head official. A truck is permitted to compete without a front bumper.
5. CHASSIS - The vehicle must retain the full OEM chassis, one-ton or smaller. No tube or homemade frames/chassis permitted. The wheelbase may not be changed from the original manufacturer. Front and rear wheels must be centered in the wheel wells of the body. The engine must be in the OEM location for the body used. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited. Maximum width of 102 inches.
6. CREDENTIALS - All drivers must have a valid driver's license. Vehicle owners are required to maintain a valid vehicle registration and have the registration card in their possession. Trucks are permitted to be hauled in for competition.
7. DRIVELINE - Transmission, transfer case, front and rear axles must be OEM and available in one-ton (or smaller) trucks.

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13. SAFETY - All drivers must wear a minimum of shirt, long pants, and closed toed shoes during competition. Driver's window must be completely rolled up while competing. Drivers must wear a seatbelt or shoulder harness when hooked to the sled. Passengers are not permitted at any time either in the pits or on the track.
14. STEERING - The vehicle must retain the full, original OEM steering gear and OEM power steering assistance, if it was so equipped. Additional stabilizers are permitted. Non-OEM power assist methods are prohibited.
15. STREET EQUIPMENT - Complete headlight and tail-light assemblies (all) are mandatory and must be in place and 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.
16. SUSPENSION-FRONT - The upper mounting point for strut assemblies must be in the factory location. The lower control arm must attach the chassis using OEM mounting points. The lower mounting point for the strut assembly may be modified for improved caster or camber.
17. SUSPENSION-REAR - An OEM-style suspension is mandatory; leaf spring packs must retain a minimum of three (3) leafs. Traction bars and devices are permitted; they must be bolt-on only; welds are permitted for attachment to frame or axle housing. All OEM suspension mounting points must be retained and used. The rear suspension must maintain a minimum compression shock travel of two inches; compression stops must be adjustable. All rear suspensions must use at least one working shock absorber per wheel. Airbag spring assistance is permitted; airbag compressors must be disconnected.
18. TIRES/WHEELS - DOT street legal tires are required. No studded tires, tire chains or any tire not specifically intended for street use are permitted. All tires must carry a DOT number on the side wall, DOT number must be easily read from the outside of the tire. No cut, altered, or sharpened tires. Dual Wheels are permitted only on trucks with a specific OEM bed designed for this application. Maximum tire per side width for dual wheels is 18" total. Wheels must have DOT stamp. No "Real" or other types of wheels. Must maintain OEM Stagger. Use of dirt deflectors is prohibited. Maximum tire size of 35x12.50. (Metric conversion of this tire size is 315/70 or 315/75)
19. TRANSMISSION-AUTOMATIC - Non-OEM transmissions are prohibited. Transmission brakes are prohibited. Any non-OEM floor-mounted automatic transmission shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse gear. A functional neutral safety switch is mandatory. All transmission lines must be metallic or high-pressure-type hose.
20. TRANSMISSION-MANUAL - Non-OEM transmissions are prohibited. All manual transmissions must be clutch assisted, sequential shifters are prohibited. All vehicles with engines running 4500 rpm or more must be equipped with a USA-EAST approved clutch and flywheel shield (or blanket).
21. WEIGHT - Maximum weight of 8,500 lbs.
No weight brackets or hanging weights allowed in front of vehicles.
Weights must be in the bed of the truck only and securely fastened or contained safely therein. No weights permitted inside the cab. No weights allowed under hood or in the wheel wells. No weights may be suspended under the body/chassis or behind panels/parts.

22. TURBOCHARGER - Limited to a single turbocharger with a single compression stage is permitted. Maximum of 2.550" inlet, MAP width enhancement is allowed. Maximum MAP width .200". The MWE groove must be inside the neck area where intake is measured at 2.550". Compressor wheel must protrude into the 2.550" inch bore. Intake housing to be no larger than 2.550" at the face of the wheel.

OR

Limited to a single 2.6" inducer bore turbocharger, bore must be smooth-faced (no MAP/MWE ring/groove) with all air entering through the 2.6" opening. Bore will be checked with a 2.605" plug, plug must not be able to enter the inducer bore and contact the compressor wheel. Compressor wheel must protrude 1/8 inch inside of the opening.

6.4-liter Powerstroke engines may utilize the factory twin-turbo configuration. 6.4 Powerstroke will be permitted to run modified turbos, as long as the atmosphere turbo does not exceed the OEM straight bore dimension. (2.59") No TAPERED COVERS will be permitted.

Competitors must make provisions at tech officials' request to allow complete inspection of the compressor wheel and housing. Failure to comply with the request will result in disqualification and banishment until the turbo is re-inspected.