

# Steam-O-Rama 4x4 Truck Pulls

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## ***Classes for Pulls***

- Street Legal Gas 6500 lb
- Street Legal Diesel 8300 lb
- Pro Street Legal Diesel 8300 lb

## ***General Rules for ALL Classes***

- All contestants must drive vehicle onto track and into position to compete under its own power and must leave track under its own power unless for breakage.
- All pulls must start with a tight chain; no jerking of any kind is permitted. Vehicle must remain within boundaries of the track or the puller will be disqualified.
- Driver must wait for a green flag from flagman to start and must stop immediately when signaled with the red flag from the flagman. Failure to comply will result in immediate disqualification.
- Valid drivers license required to drive.
- Puller will be allowed a total of two attempts within the 50 ft mark to start the sled. Test puller may drop to 3<sup>rd</sup> position.
- Hitch must be stationary and rigid in all directions.
- Loss of parts or weights on track will be an automatic disqualification with the exception of internal or mechanical or driveline breakage. No re-hooks will be given for breakage unless the breakage occurs with the sled or hooking chain.
- Any vehicle that is running must have a driver in the seat.
- All vehicles must be equipped with a fire extinguisher.
- No Nitrous Oxide or system components on any vehicle.
- Seat belts are required and must be worn during the competition.
- No passengers in vehicle while pulling.
- All vehicles must have a hydraulic braking system on at least two wheels and be capable of stopping the vehicle easily.
- All open body vehicles must have at least a 4 point roll bar fastened directly or indirectly to the frame.
- Vehicles must have a solid firewall and floor. Only holes allowed are those for brakes, clutch, transmission controls and wiring.
- No fuel tanks, fuel lines, or batteries allowed in cab or vehicle unless factory installed. If a fuel cell is used to replace original gas tank, it must be securely mounted in the bed.
- No weights are allowed in cab.
- All vehicles in the pit areas must be operated in a safe manner t all times. NO RECKLESS DRIVING. Pit and Staging are speed limit is 5 mph.
- Any contestant or pit crew member that has consumed or posses any alcoholic beverage, drugs, or any intoxicating agent before, during, or after the competition will be disqualified and removed from the grounds. Drivers will be responsible for the actions of their crew!
- Aberrant behavior towards any track official or other contestant will be cause for disqualification and removal from premises.
- If any vehicle or driver is disqualified no refund of entry fee will be given.
- Truck and/or driver may only enter once per class.
- Judges reserve the right to change any safety rule or rules if they fell necessary.
- Operators must wear shirts, long trousers, and shoes.

- All drivers must attend drivers meeting ½ hr before event starts,
- Tech. Inspection area closes ½ hr before event starts, only trucks re-qualifying for a higher class will be inspected after this time.
- Track Officials will have the option to check competitors for weight and rule violations at any time during the events. Contest will be governed by track officials and competition director with all decisions Final.
- Protest Rules: A protest must be in written form and signed. Submitted to the competition director along with a \$200 protest fee deposit. The protest will then be discussed by pull officials. If vehicle or contestant are found to be in violation of rules that entry will be disqualified and the deposit reimbursed to the protestor. Otherwise the protest deposit will be donated to the Steam-O-Rama.
- **COMPETITION DIRECTORS DECISION IS ALWAYS FINAL!**
- **ALL OPERATORS AND CREW MEMBERS PULL AT THEIR OWN RISK. THERE IS NO WARRANTY EXPRESS OR IMPLIED OF PERSONAL SAFETY OR DAMAGE TO PERSONAL PROPERTY. EVENT OFFICIALS, STEAM-O-RAMA STAFF HEREBY DISCLAIM ANY RESPONSIBILITY OR LIABILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE BEYOND THEIR CONTROL. EACH OWNER OPERATOR (PARENT/GUARDIAN IF < 18 YEARS OF AGE) MUST SIGN AND HOLD HARMLESS WAIVER WHEN REGISTERING.**

## ***RULES FOR STREET LEGAL GAS TRUCK CLASS & STREET LEGAL DIESEL TRUCK CLASS***

1. Weight Classes: 6500 lb GAS trucks only & 8300 lb DIESEL trucks only.
2. Weight may be added in the bed of the truck only and must be securely fastened.
3. Internal Engine parts must be stock. If engine does not sound stock you will not be allowed to pull in this class. Judges decision is final. Diesel engines are allowed single aftermarket turbos and injection pumps. Twin turbos only if equipped that way from the factory.
4. Headers allowed, must have street legal exhaust system.
5. Computer chips and reprogramming are NOT allowed.
6. Suspensions may not be blocked.
7. Must be licensed and inspected for state truck is registered in.
8. No bumpers of excessive weight. Snow plow frames (must be operations) and factory built winch bumpers are acceptable as long as they do not add excessive weight.
9. Aluminum intake and one four barrel carb. Allowed. No high rise, ram or cross ram intakes.
10. Must pull from Reese style hitch. Max height 26 in. & must have a 3 in. hose or twisted clevis horizontal to the ground.
11. Body, hood, bed and fenders must meet OEM specifications. Flat beds must be street legal. Beds must have full floor. All window glass must be in place. Doors and windows must function up and down. No plexiglass windows.
12. Engine and radiator must be in the original location as intended by manufacturer. Fan shrouds required.
13. Tires must be street legal with a DOT number on the sidewall. Tread pattern may not be altered by cutting. Dual rear tires may be used in competition.
14. Wheelbase of truck must be original wheelbase for the body being used.
15. Gasoline only in gas engines. Diesel fuel only in diesel engines (bio diesel IS allowed) NO water injection. All forms of nitro, alcohol, and propane are illegal as a fuel or additive.
16. Highly recommended that driver wear a DOT approved helmet.

## ***RULES FOR PRO STREET LEGAL DIESEL***

1. One class 8300 lb MAX
2. Additional added weight is permitted. Hanging weights cannot extend more than 60 in from centerline of the front axle. NO loose objects in the vehicle, all objects must be securely fastened. All vehicles must cross the scale before being teched.
3. OEM chassis with complete OEM floor pan and firewall is mandatory. Wheel tubs, back-half conversions, tube chassis, etc, are prohibited. The engine must be in the OEM location for the body used. The vehicle must retain the factory frame and wheelbase length.
4. Radiators must be in the stock location and at least of stock size. Fan shrouds required.
5. All vehicles must be equipped to direct exhaust upward or downward. Two 3/8 in diameter bolts may be placed in a cross pattern within one inch of each other as close to the final turbo as is practical.
6. The fuel must be ump # 1 / # 2 diesel only. Soy/Bio diesel fuel is encouraged.
7. Nitrous oxide is prohibited. All other oxygen extenders are prohibited. System components must be removed from the truck.
8. Propane is prohibited. System components must be removed from the truck.
9. Water injection IS permitted. Alcohol, methanol, and other flammables are prohibited. Commercially available pump lube is allowed.
10. Turbochargers are limited to dual stage set-ups. Twins are limited to a 3.0 in inductor bore on the atmosphere turbo; the bore to be measured using a 3.05 in slug. Single turbochargers are unlimited in size.
11. An OEM transmission and transfer case is mandatory. It must have been an option on a one-ton or smaller pickup.
12. All trucks must have at least 6 in wide u-joint shields around the rear u-joints constructed of at least 3/16 in steel or 3/8 in aluminum that will safely contain the u-joint and the ends of each shaft. In addition there will be at least one shaft loop in the middle of the drive shaft. All shields must be securely mounted to the vehicles. Any front shaft u-joint that is visible from the side of the truck must be shielded to contain the u-joint at the end of the shaft.
13. Non-OEM automatic transmissions are prohibited. Aftermarket torque converters, valve bodies & internal components are permitted. Transmission brakes are prohibited. A 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. Transmission lines must be a metallic or high pressure type hose. All vehicles with engines running 4500 rpm or more & using an automatic transmission must be equipped with a transmission shield meeting SFI spec 4.1 and must be labeled accordingly. A blanket type shield, appropriately labeled as meeting SFI spec 4.1 and extending from the rear of the block to front of tail housing with a minimum of 6 in overlap where it is fastened, is permitted. All non blanket type shields must incorporate two ( on one, with manufacturers instructions) 1/8 in straps that bolt to the shield on each side and pass under the transmission pan unless the pan is labeled as meeting SFI Spec 4.1. All vehicles with engines running 4500 rpm or more and using an automatic transmission must be equipped with flex plant meeting SFI Spec 29.1 and be covered by a flex plate shield meeting SFI Spec 30.1.
14. All vehicles equipped with a manual transmission must have a flywheel shield labeled as meeting minimum SFI Spec 6.3 or greater. Applications for which an SFI Spec flywheel shield is not available a properly attached SFI 4.1 or 4.2 blanket that completely covers the bell housing may be used in place of the shield. It must be attached to the block and extend rearward to the transmission with a minimum 6 in overlap where it is fastened.
15. Non-OEM manual transmissions are prohibited. A Dutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles. All transmissions must be Dutch assisted. Sequential shifters are prohibited.

16. The upper mounting point for strut assemblies must be in the factory location. Adjustable Caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided factory-mounting points to chassis are maintained. The lower mounting point for the strut assembly may be modified for improved caster or camber. Strut lower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted.
17. OEM-style suspension is mandatory. Traction bars and devices are permitted. They must be bolt on or welds are permitted for attachment to the frame or axle housing. Control arms may be strengthened or replaced, provided all original mounting points are maintained. Strut tower braces, lower tie bars, sway bars, limit straps, and camber kits are permitted. The rear suspension may be blocked. All rear suspensions must use at least one working shock absorber per wheel.
18. Non-OEM rear end housings are prohibited. The rear end must have been an option on a 1-ton or smaller pickup. Rear axle bolts must be covered by a cap or shield.
19. The hitch must be a Reese style. Reinforcements are permitted. Trick hitches are prohibited. The hooking point must be the rear-most point on the vehicle. The hitch must be horizontal to the ground, stationary in all directions. Max hitch height is 26 in from ground. The hooking point must have a minimum 3 in inside diameter opening for the sled hook. The hooking point will be measured to the top of the clevis loop.
20. Tires must be street legal tires with a DOT number on the sidewall. Cut tires are not permitted. Dual rear wheels may be used in competition.
21. A complete interior including dashboard, door panels, headliner, etc. is mandatory. Aftermarket seats are permitted, but they must be fully upholstered. All factory controls, (lights, signals, windows, wires, etc.) must be retained and fully operational. No hand throttles are permitted. Vehicles must have a factory style foot throttle.
22. Body, hood, bed and fenders must meet OEM specifications. Flat beds must be street legal. Beds must have a full floor.
23. Complete headlight & taillight assembly are mandatory and must be operational. Complete OEM windshield and windows are mandatory. Windows must be operational per factory specifications. They must open and close with electrical or OEM mechanical means.
24. A sled and driver operated spring loaded emergency air shut off is mandatory. The cable must terminate in a 2 in diameter steel ring.
25. All trucks must be equipped with a driver operated fuel shutoff capable of blocking fuel flow to the injection pump. A 3-way dump valve is recommended.
26. Drivers must wear a DOT approved helmet. Helmet must be fastened. Opened body vehicle drivers must also wear eye protection.
27. Inspection or license required, must meet DOT safety rules.