

4 X 4 TRUCK & SEMI TRUCK PULLS 2009

MASON-DIXON FAIRGROUNDS

Fees

- Admission (Pit Gate / Event Participants) \$10.00 per person kids under 12 free
- Registration
\$10.00 per class
Registration closes ONE HALF HOUR before event is scheduled to start
- Main Gate Admission
\$6.00 Adult
\$5.00 Additional for Pit Pass.
Children under 6 FREE
- **Special Note: July 10th pull (during Fair) admission will be \$5.00 per person at Pit Gate no admission to pit area other than participants and their crew.**

Classes For Pulls

- Work Stock Gas 6,500 lbs.
- Work Stock Diesel 8,300 lbs.
- Street Stock Gas Big Block 6,500 lbs.
- Street stock Gas Small Block 6,500 lbs.
- Super Street Diesel 8,300 lbs.
- Modified Gas 6,800lb.
- Work Stock Semi 20,000 lbs.
- Super Street Semi 20,000 lbs.

Premiums For Truck Pulls

- Work Stock Gas and Diesel: 1st - \$75.00 / 2nd - \$50.00 / 3rd - \$25.00
- Street Stock Gas: 1st - \$100.00 / 2nd - \$75.00 / 3rd - \$50.00
- Super Street Diesel: 1st - \$150.00 / 2nd - \$125.00 / 3rd - \$75.00
- Work Stock Semi: 1st - \$75.00 / 2nd - \$50.00 / 3rd - \$25.00
- Super Street Semi: 1st - \$100.00 / 2nd - \$75.00 / 3rd - \$50.00
- Modified Gas: 1st - \$150.00 / 2nd - \$125.00 / 3rd - \$75.00
- **Note: If there is less than 5 participants in any class, premiums will be reduced by 50% for th at class!**

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 without special exception. Drivers without license will be evaluated on a case by case basis.
- Puller will be allowed a total of two attempts within the 75 ft. mark to start the sled. Test puller may drop to sixth 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 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. Modified gas class may have batteries in cab if they are securely mounted and enclosed in a metal box.
- No weights are allowed in cab.
- All vehicles in the pit areas must be operated in a safe manner at all times. No reckless Driving. Pit and Staging area speed limit is 5 m.p.h.
- Any contestant or pit crew member that has consumed or poses any alcoholic beverage, drugs or any intoxicating agent before, during or after the competition will be disqualified and removed from the fairgrounds. 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. Only the top five participants in each class (subject to increase depending on the size of class) will be eligible to move up to the next class, providing they pass tech. Inspection. Vehicles will have to be re-weighed and will be assigned the last five positions of the next class.
- Judges reserve the right to change any safety rule or rules if they feel 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 \$200.00 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 Mason Dixon Fair Assn.
- **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, THE DELTA-CARDIFF VOL. FIRE CO., MASON DIXON FAIR ASSN. AND ASSOCIATES 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 A HOLD HARMLESS WAIVER WHEN REGISTERING**

RULES FOR WORK STOCK GAS TRUCK CLASS & WORK STOCK DIESEL TRUCK CLASS

1. Weight Classes: **6,500 lb. Gas Trucks only**
8,300 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 engine turbocharger is limited to OEM make specific charger and compressor wheel. Twin turbos only if equipped that way from the factory.
4. Headers Allowed, must have street legal exhaust system.
5. Computer chips and reprogramming is allowed. Diesel trucks operating with excessive computer enhancements will be bumped into the super street class at the judges discretion. Judges decision is final!
6. Suspension may not be blocked. Ladder bars allowed. Air bags must be empty and disconnected. Factory installed suspension stops only.
7. Must be licensed and inspected for state truck is registered in.
8. No bumpers of excessive weight. Snow plow frames (must be operational) 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 a Reese style hitch. Max height 26 in. & must have a 3 in. hole or a 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 Plexiglas windows.
12. Engine and radiator must be in original location as intended by manufacturer. Fan shrouds required.
13. Tires must be street legal tires 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. Diesel Fuel Injection pump is limited to a stock appearing, OEM engine model -specific pump only. Aftermarket Lift pumps are allowed. Diesel engines must be limited to 4500 RPM unless the OEM is higher.
17. Required that driver wear a D.O.T approved helmet.

RULES FOR STREET STOCK GAS

1. Two Classes: **SMALL BLOCK - 6500 lb and UNDER 405 cubic inches.**
BIG BLOCK - 6500 lb and OVER 405 cubic inches.
2. Hanging weights or bumper may not extend more than 60 in. from the center of front axle. No loose objects in the vehicle, all objects must be securely fastened. All vehicles must cross the scale before being teched.
3. One four-barrel carburetor maximum. Aluminum intake allowed. No rams or cross rams allowed. No turbochargers, superchargers, fuel injection, aluminum blocks or heads unless stock for make and model. Nothing but air cleaner can be sticking out of hood. No dry sump systems.
4. Headers and open exhaust permitted, must exit under vehicle, no headers through hood or fenders, will be permitted.
5. Blow-proof bell housing & blow-proof blanket are required.
6. 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 vehicle. Any front shaft u-joint that is visible from the side of the truck must be shielded to contain the u-joint and the end of the shaft.
7. No inspection or license required, but must meet DOT safety rules. Four wheel brakes required.
8. An OEM chassis with complete OEM floor pan & firewall is mandatory. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited. The engine and radiator must be in the OEM location for the body used. The vehicle must retain the factory frame and wheelbase length. Driveline components must have been available from factory in one ton truck or less.
9. 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 Plexiglas windows.
10. Rear suspension may be blocked with removable blocks. Truck must have working suspension, no airbag or coil spring conversions.

11. Minimum drawbar length of 36 in. from center of rear axle to point of hitch. The hitch must be horizontal to the ground and stationary in all directions. The hitch height from the ground may not exceed 26 in. The hooking point must have a minimum 3 in. inside diameter opening for the sled hook. The hooking point will be measured from the top of the clevis loop. Hitch must bolt to frame behind the center of the rear axle.

12. Gasoline only. All forms of nitro, alcohol and propane are illegal as a fuel or additive.

13. Tires must be street legal tires with a DOT number on the sidewall. Tread pattern may not be altered by cutting. Dual rear tires may not be used in competition. Maximum tire size 36in. high by 16 in. wide.

14. Fan shrouds required.

16. Drivers must wear a DOT approved helmet. Helmet must be fastened. Opened body vehicle drivers must also wear eye protection.

Note: For year 2012 aluminum heads will be considered for this class.

RULES FOR SUPER STREET DIESEL

ONE CLASS: 8300 LBS. MAX

1. 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.

2. OEM chassis with complete OEM floor pan & 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.

3. The engine is restricted to 6 cylinder & 8 cylinder compression ignition engines. All vehicles must have an OEM engine. Engine must have been available in a one ton or less truck from the factory. Unlimited engine swaps between or within manufacturers are permitted.

4. Radiators must be in stock location & at least of stock size. Fan shrouds required.

5. All vehicles must be equipped to direct exhaust upward or downward (preferably upward). Two 3/8 in. diameter bolts must 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 pump #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 prohibited. Alcohol, methanol, and other flammables are prohibited. Commercially available pump lube is allowed.

10. The vehicle is limited to a single turbocharger. The inducer bore on the compressor housing may be no larger than 2.8 inches measured at the smallest diameter area of the compressor housing. A bushing may be used to downsize the compressor housing ahead of the wheel. If a bushing is used, it must be round, and at least .75in. long. A stock map width enhancement groove is allowed. No groove allowed greater than .25 in. All provisions allowing air to the wheel other than via the bore and the MWE groove are prohibited.

11. An OEM transmission & transfer case is mandatory. It must have been available 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 vehicle. Any front shaft u-joint that is visible from the side of the truck must be shielded to contain the u-joint and 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. 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. Transmission lines must be a metallic or a 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 (or 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 plate 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 clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles. All transmissions must be clutch 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 tower 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, wipers, etc.) must be retained and fully operational. No hand throttles are permitted. Vehicle must have a factory style foot throttle.

22. 10. Body, hood, bed and fenders must meet OEM specifications. Flat beds must be street legal. Beds must have full floor.

23. Complete headlight & taillight assembly are mandatory and must be operational. Complete OEM windshield & windows are mandatory. Windows must be operational per factory specifications. They must open & close with electrical or OEM mechanical means.

24. The fuel injection pump is limited to a stock appearing, OEM engine make specific pump only. Dual high pressure common rail fuel pumps or HPOPs are permitted. The P7100 injection pump must utilize a stock appearing governor.

25. Drivers must wear a DOT approved helmet. Helmet must be fastened. Opened body vehicle drivers must also wear eye protection.

26. No inspection or license required, but must meet DOT safety rules.

27. For the first event of the 2009 season trucks that are bumped from the Work stock class to this class will not be required meet additional safety requirements.

RULES FOR MODIFIED GAS

ONE CLASS: 6,800 LBS. MAX

1. Hanging weights or bumper may not extend more than 60 in. from the center of front axle. No loose objects in the vehicle, all objects must be securely fastened. All vehicles must cross the scale before being teched.

2. Tires must be street legal with a DOT number on the sidewall. No altered tires or dual wheels. Max. tire size 36 in. tall by 16in. wide.

3. Headers may extend thru hood of truck, maximum one-four barrel carburetor, no nitrous or system components. No turbos or superchargers. No aluminum blocks

4. Blow-proof bell housing or blow-proof blanket are mandatory.

5. 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 vehicle. Any front shaft u-joint that is visible from the side of the truck must be shielded to contain the u-joint and the end of the shaft.

6. Kill switch required.

7. No state inspection or license required.

8. Trucks must maintain same general appearance as factory, cab and bed must be in place, flatbeds are allowed. Axles must remain within 6 in. of centerline of wheel wells. Frame does not have to match year and make of body.

9. Suspension may be blocked or trussed. Must be one ton or less drivetrain. No air bags.

10. Pulling hitch allowed. Hitch height from the ground may not exceed 26 in. The hooking point must have a minimum 3 in. inside diameter opening for the sled hook. The hooking point will be measured from the top of the clevis loop. Minimum length of 36in. from center of rear axle to end of drawbar.

11. Fire suits strongly recommended but not required.

12. Drivers must wear a DOT approved helmet. Helmet must be fastened. Opened body vehicle drivers must also wear eye protection.

RULES FOR STREET LEGAL SEMI

ONE CLASS: 20,000 LBS. MAX.

1. No added weight or ballast permitted. Trucks shall appear "road ready". Trucks such as oil field trucks that carry additional weight that is not normally found on a "road ready" truck are not permitted in this class.

2. Trucks are expected to be capable of being driven on the highway regularly and must be capable of pulling a trailer.

3. Triple rear axles are not permitted.
4. Must be licensed and inspected for state truck is registered in.
5. Promoter will supply a hitch for use by any owner that does not have their own. Hitch must work from the 5th wheel with the 5th wheel between the two rear axles. The hitch must be adjusted to a height determined by track crew.
7. Use of air bags is permitted, however no air may be added or removed while the truck is hooked to the sled. Hitch must remain the same height from start to finish.
8. Chaining or blocking of drive axles is not permitted.
9. Single turbo only except for factory installed twin turbo chargers.
10. No ether, alcohol, nitrous or other combustible liquid or material may be injected into the turbo charger or any part of the air intake system.
11. Pump diesel fuel is the only fuel permitted in this class.
12. Maximum engine RPM allowed will be 2300 RPM, verified on the vehicle tachometer or photo tachometer at tech inspection.
13. No Pittsburgh power boxes or similar devices.

RULES FOR SUPER STREET LEGAL SEMI

ONE CLASS: 20,000 LBS. MAX.

1. All rules apply from Street Legal Semi Class with the exception of:
 - a) Maximum engine RPM allowed will be 3000 RPM, verified on vehicle tachometer or photo tachometer at tech inspection
 - b) Pittsburgh power and similar devices are allowed.
 - c) Twin turbos allowed