

2016 Warren County Farmers' Fair
Diesel Truck Pull
Tuesday, August 2, 2016 - 7:00 pm
Main Arena
Chairs: Sam Santini and Frank Van Horn
Committee: John Moll, 610-462-4132
Registration fee (\$20) Weigh Ins: 3:00-5:00 pm

Class-2.6 8000

Rules and regulations

1. All drivers must be 18 years of age or older and have a valid state driver's license which will be checked at registration.
2. You must wear a helmet, long pants and a shirt.
3. No one under 17 years of age will be permitted in the pit area.
4. **Ballast:** Ballast is permitted. Front hanging weights are allowed, not to exceed 60 inches forward of the center of the front axle. This will be measured from center of front wheels to end of weight assembly
5. **Chassis:** The OEM chassis is mandatory. The engine must be in the OEM location for the body used. The vehicle must retain the full OEM chassis. Wheel tubs, back half conversions, tube chassis, etc., are prohibited.
6. **Cooling System:** Radiators must be in the stock location and be of at least stock size.
7. **Driveline:** An OEM transmission and transfer case are mandatory. They must have been an option on a one ton or smaller pickup.
8. **Driveshaft Loops:** All trucks must have at least six inch wide U-joint shields around the rear U-joint constructed of at least 1/4 inch steel or 3/8 inch aluminum that will safely contain the U-joint and the end of the rear 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.
9. **Driver Restraint System:** The OEM restraint system is mandatory and must be worn.
10. **Engine:** The engine is limited to a stock appearing engine and transmissions can be interchanged between Dodge, Ford and GM as long as they came in a 1 ton truck or less from the factory. Complete engine must have stock appearance except where otherwise noted in these rules. Aftermarket intake manifolds are allowed.
11. **Exhaust:** All vehicles must be equipped to direct exhaust upward. Two 3/8 inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other, within 12" of the turbo.
12. **Fire Extinguisher System:** Fire extinguisher must be mounted within driver's reach.
13. **Fuel:** The fuel must be pump #1/#2 diesel, Soy/Bio-diesel fuel. No propane or NO₂ permitted or any other oxygen enhancers.
14. **Fuel Injection Pump:** The fuel injection pump is limited to a stock appearing. Multiple high pressure common rail fuel pumps are legal. Power stroke engines with a single factory turbo may utilize a second HPOP. Pumps from different years in the same engine model may be interchanged. P7100 pumps are allowed to run RSV (ag governors).
15. **Fuel System:** Racing fuel cells are permitted
16. **Hitch:** Hook point must be no closer than 44" of centerline of rear axle, hitch height maximum of 26", with a minimum of a 3.75" X 3.0" opening. Hitch point must be easily accessed. No "trick" type hitches permitted. Hitch must be stationary in all directions. Hitch must be frame mounted. Hitch must be mounted centerline of rear axle or behind. Hitch must not exceed a maximum of 25 degree angle from pivot point to hook point.

17. **Rear End:** Non-OEM rear end housings are prohibited. It must have been an option on a one ton or smaller pick up. Rear axle bolts must be covered by a cap or shield.
18. **Steering:** The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power assistance, if it was so equipped. Additional stabilizers are permitted.
19. **Suspension, Front:** 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. Strut tower braces, lower tie bars, sway bars and limit straps are permitted. Traction bars and devices are permitted.
20. **Suspension, Rear:** An OEM style suspension is mandatory. Traction bars and devices are permitted; they must be bolted on only; welds are permitted for attachment to frame or axle housing. All OEM suspension mounting points must be retained and used. Sway bars, limit straps, and camber kits are permitted. All rear suspensions must use at least one working shock absorber per wheel. Airbag spring assistance is permitted; air bag compressors must be disconnected. Blocked suspension is permitted.
21. **Tires:** The tires must be DOT street tires. Cut tires are prohibited. 102" Max outside tire to outside Tire
22. **Transfer Case:** Non-OEM transfer cases are prohibited. The transfer case must have been an option on a one ton or smaller pick-up truck.
23. **Transmission, Automatic:** Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and internal components are permitted. All vehicles 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 is permitted; it must be appropriately labeled as meeting SFI Spec 4.1 and it must extend from the rear of the block to the front of transmission main body the bell housing area is to be completely covered six inch overlap where it is fastened. All non-blanket type shields must incorporate two (or one, per manufacturer's instructions) 3/4 inch by 1/8 inch straps that bolt to the shield on each side and pass under the transmission pan unless the transmission pan is labeled as meeting SFI Spec 4.1
24. **Transmission, Manual:** Non-OEM transmissions are prohibited. Aftermarket internal components are permitted. A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles equipped with a manual transmission must meet or exceed SFI Spec 6.3. Applications for which an SFI attached SFI 4.1 or 4.2 blanket that completely covers the bell housing; it must be attached to the block and extend rearward to the transmission with a minimum six inch overlap where it is fastened.
25. **Turbocharger:** The vehicle is limited to a 2.6 inducer bore single turbocharger. The compressor wheel must protrude into a 2.6" bore for 1/8". The inlet will be measured using a 2.605" inch plug; the plug must not be able to enter the inducer bore. A stock map width enhancement (MWE) groove is allowed. No MWE groove will be allowed that has a width greater than .200". All provisions allowing air into the wheel other than via bore and the MWE groove are prohibited. The vehicle driver will be responsible for making compressor wheel accessible for tech personnel to measure bore and able to inspect compressor wheel.
26. **Water Injection:** Water injection is prohibited. All system components must be removed from the truck.
27. **Ice Water Intercoolers:** Are allowed
28. **Wheelbase:** Maximum wheelbase 158"

Awards- Premiums, Trophies and Ribbons
Trophies sponsored by Nazareth Ford
1st place-\$400 2nd place-\$100 3rd place-\$50