

Florence County Fair Truck Pull

Florence County Fair Park * 5505 County Highway N * Florence, WI 54121

Friday, August 23, 2024

Registration 4:00 p.m. to 6:00 p.m. & Pull begins at 7:00 p.m.

Rules borrowed from W.U.M.P.A.

Wisconsin Upper Michigan Pulling Association

- *Note: W.U.M.P.A. rules 1-3 are not in effect for the Florence County Fair Pull, so rules numbers begin with #4 below.*
- Registration is \$30 per class.
- There will be 8 classes plus a semi class.
- 100% payout plus additional sponsorship money added

4. **Scaling** all trucks must be driven on the scale, off the scale, and backed up to the eliminator by the driver that will be pulling that truck to prove to the officials that the driver is competent enough to pull down the track.

5. **Age** Drivers must be 16 years of age and must hold a valid driver's license.

6. **Entry Fee** No entry fee money will be refunded after the Pull has started.

7. **Clevis** All pullers must provide their own clevis. Clevis must be 3" X 3.75" inside diameter minimum.

8. **Truck** Any truck pulling in two (2) different classes must meet the specs of each class.

9. **Inspection** All vehicles are subject to inspection before, during, and after competition. Any driver in that class may bring a protest (written) against another truck with an upfront cost that will be determined by the officials and will be refunded if found illegal.

10. **Disqualification** Judges have the right to stop and disqualify any vehicle or contestant or ask or a truck to be reweighed at any time. Any unreasonable or unsafe actions will result in disqualification. No unsafe driving at any time during the event, in the pit or on the track. (Example head or arm out of the window while pulling, jerking steering wheel back and forth, unsafe speed leaving track) **DECISIONS OF THE JUDGES ARE FINAL! ANY ARGUMENT WILL RESULT IN DISQUALIFICATION!** All trucks must make rules no exceptions or warnings, if the truck doesn't qualify it doesn't pull in the class! ALL TRUCKS SHALL BE TECHED TO BE ELIGIBLE FOR PAYOUT Vehicle qualifications to participate will be on the decision of the tech officials and judges. These rules will stand as a guideline for classes, but tech officials and judges shall decide the final decisions for safety.

**** PLEASE MAKE YOUR VEHICLES AS SAFE AS POSSIBLE! ****

11. **Clothing** Driver must wear a shirt, long pants (no shorts) and closed toed shoes (no flip flops, sandals or open toed footwear allowed).

12. **Flagman** You must stop your vehicle upon the signal from the flagman.
13. **Fire Extinguishers** Working fire extinguishers are required for all trucks **within reach of driver. Are only good for 1 year unless proof of inspection or a non-rechargeable Kiddle that is good for 10 years then proof of inspection.**
14. **Drugs & Alcohol** No use of drugs or alcohol in the pit area or track before or during competition.
15. **Passengers** No passenger allowed in the vehicle during the pull.
16. **Track** No one allowed on the track. Officials and judges only.
17. **Puller Option** The first contestant in each class has the option of pulling over in last position. Each contestant will be allowed a second attempt of pulling the eliminator if stopped before 100 feet. The eliminator will be pulled back to the starting line. If the truck breaks on the first attempt within 100 feet, the contestant is allowed to return as the last truck in that class. NO JERKING OF THE ELIMINATOR IS ALLOWED!
18. **Weights** Weight that is added to the truck for competition must be securely fastened. No weights are allowed in the cab. Any weight or any other object falling from the vehicle during the competition will result in disqualification. (Items the driver could have prevented from falling such as a mirror, hitch, etc., not drive shaft or something that breaks that is not the driver's fault).
19. **Windows** All windows must be intact.
20. **Truck boxes:** Removal of box to make weight class is prohibited. Flat racks are allowed in Stock & Open Stock class only and must be street legal and permanently mounted. They must be factory made or well-constructed and be able to safely hold weight of 500 pounds. You must have some sort of covering or mud flaps to keep down flying debris from the tires.
21. **Tires** Machined Cut tires are allowed in Open, Super Stock, and Modified classes.
22. **Hooking** Must be in neutral or park.
23. **Payouts** will be paid out as soon as possible. If you don't pick your winnings up, you will get them at the next pull. Cash will be paid for all classes but Open Stock, Super Stock & Mod.
24. **Max Weight** If a vehicle cannot make weight class you are pulling for exhibition.
25. **Event Failure** If a failure of the event would occur, something that the competitor cannot control that truck or trucks that were affected will pull at the end of the class. Officials will rule what is a failure of event.
26. **Scale** If a scale is determined to be weighing heavy even by 5 lbs we automatically go to the next rounded up 100lbs. (For example if a truck in #5500 always makes weight in that class and with all the weights out it weighs #5505 then that class pulls at #5600 on scale read out and adds 500lbs for #6000 and pulls at #6100 on scale readout.)
27. **Points/Payout** For any competitor to get last place points or payout you need to prove to an official that that your vehicle is able to move on its own power. If your vehicle is not broke you need to make a pass to be eligible for the payout and points. If you break you have to bring your vehicle to any event after that and prove to move on its own for last place points or payout. If your vehicle should be unable to compete in your second points class due to a "breakage" in your first class, you will receive the points available for last place in the second class (according to the number of entries) providing the vehicle is determined by 3 members of WUMPA Board of Directors to be "movable under its own power" before the finish of that second class. It is your responsibility to contact a Board member. if you do not, you will only receive your registration points.

28. PPE Any PPE required for your class is required with no exceptions even if it's a hot day and needs to be in good shape with no tears or cracks.

29. Warning There is no 1 warning on anything safety related. 1 warning rule applies to components that do not relate to performance (examp. Horsepower gain/Weight Transfer/Traction/Safety). This is official's decision.

Unsportsmanlike conduct will not be tolerated – Any competitor or crew member displaying unsportsmanlike conduct at any WUMPA sanctioned event, whether verbal or physical, will be dealt with as follows. 1st offense- puller/crew will receive a warning. 2nd offense- puller/crew will be ejected from event and will not receive points/payout. 3rd offense- puller/crew will be banned for a calendar year and will lose all points and points payouts.

STOCK CLASSES 5500# & 6000#

1. Street Legal Vehicle must have full factory interior. (No gutting out!). Racing type Bucket seats are okay for driver but must have passenger seat also or full bench seat. Vehicle must have unmodified stock bumper. Must have windshield, working windows, instrument panel, working directionals, wipers, and doors. No other alterations are allowed. Holes in floors must be covered.

2. Fuel Cell 5-gallon minimum. Fuel cells allowed but must be securely fastened to inside of box or top of flat rack (if the box has been replaced by a flat rack). If fuel cell is mounted under the bed and inside of the frame rails, driveshaft must have safety loops or guards. If mounted under the bed and outside of the frame rails, no driveshaft safety loops or guards required.

3. Weights No weight is to be added to the front of vehicle. You are only allowed to have a stock front bumper for make and model and nothing else NO Brush Guards, Push bars, after market bumpers, Plow brackets, tow brackets, weight bars or brackets or ect... Weights must be inside the box. Weights should be marked and must be secured.

4. Valve Covers All drivers competing must remove their own valve covers upon request. Valve covers must be removed and pass valve train inspection to qualify for payout or points in the class.

5. Hitch Frame-mounted hitch must be in stock location and maximum drawbar height is 26" as measured from the ground to top of the clevis. Down pull must be supported at end of uncut frame rails. Clevis must be 3" X 3.75" inside diameter minimum.

-Short box trucks Hitch must be rigid in all directions out to 40" or further from the center of rear axle. Free moving clevises with no stops, are allowed if the center clevis pin is 40" from the center of rear axle, then the hitch height will be measured from the center of the clevis pin.

-Long box trucks Hitch must be rigid in all directions out to 48" or further from the center of rear axle. Free moving clevises with no stops, are allowed if the center clevis pin is 48" from the center of rear axle, then the hitch height will be measured from the center of the clevis pin.

6. Engine must be a standard production truck or automobile engine of the same manufacturer as vehicle, with a bolt-in installation using stock parts. No obviously non-stock horsepower influencing equipment is permitted. Factory parts intended for racing or marine use are NOT permitted. Any stock motor of the same manufacture may be used in any model truck. You can only use cast iron parts. (OEM manifolds, heads, block, etc.).

7. Exhaust No headers allowed. Dual exhaust is allowed. Exhaust needs to end behind back of the cab. You may not run with open exhaust; you must have mufflers. Factory cast OEM manifolds.

8. **Intake Manifold** must have factory carburetor and OEM cast intake manifold and retain all factory casting numbers.
9. **Heads** Must have stock OEM factory head with factory OEM castings. No hemi heads.
10. **Block** Must have stock factory block with factory casting numbers.
11. **Ignition** No aftermarket components. Must be factory style.
12. **Rockers** Must have stock rockers no roller rockers unless Factory equipped for that year vehicle.
13. **Camshaft** No Roller Cams unless Factory equipped for that year vehicle.
14. **Carburetor** Any stock type single carburetor that is factory to the manufacturer of the truck can be used. No Dominators, Predators etc. Stock fuel injection and/or turbo/super chargers are permitted. No dual feed carburetors or double pumps. (One pump and one inlet line) Only one aluminum 1" flange spacer allowed.
15. **Shocks** must be stock with one (1) shock absorber per wheel unless Factory equipped for that year vehicle.
16. **Springs** Stock springs must be retained (limited to 10 leaves) 5/16" or 1/4" thick leaves only, and only factory style clamps. One clamp consist of a) one strap, two 90 degree bends one horizontal bolt. b) Or one strap four 90 degree bends but not connected at ends. (1 1/4" width, 5 clamps per wheel, with factory spacing). There must be movement, within the judge's discretion. Light overload springs may be permitted at the judge's discretion. Suspension lifts are not allowed, body lifts up to 3" are allowed.
17. **Traction Bars** No blocks, stilts, or traction devices allowed. Bump stops must be in stock location and stock thickness.
18. **Universal joint** protection are recommended for safety reasons but not required.
19. **Kill Switches** are recommended for safety reasons but not required.
20. **Bellhousing** must be factory depth. If not equipped with a SFI bellhousing a SFI blanket is recommended.
21. **Front Differential** No welded front differentials are allowed.
22. **Wheelbase** No wheelbase or frame modifications that would influence the pulling ability are permitted. A max of 133" wheelbase length.
23. **Tires** cannot be marked larger than 33" tall and width shall not exceed 12.5" or equivalent in a metric size. All tires must be unmodified street type. NO CUT TIRES.
24. **Dual wheels** are NOT permitted.
25. **Drivetrain** must be factory transmission and must not contain any weight lightening components.
26. **Brakes** all 4 brakes must work.
27. **Fuel** Gasoline only.
28. **Batteries** You are allowed to run 2 batteries as long as they both have factory style boxes and both batteries are hooked up and secured.

6500# STREET OPEN

1. **Vehicle** must be street legal (working doors, turn signals, headlights, windows, and windshield intact). Vehicle must be able to be registered for the road (this will be determined by the board). Must have some sort of front bumper. Vehicle must not be stripped.
2. **Fuel** No nitrous oxide, alcohol, or pressurized fuel systems are allowed. No non-factory superchargers or turbochargers.
3. **Weights** No weight is to be added to the front of the vehicle. Weights should be marked and must be secured in the box. No weights in the cab.
4. **Exhaust** You must have mufflers. You cannot run with open exhaust.
5. **Suspension** No blocked suspension
6. **Tires** Any DOT approved tires are allowed.
7. **Dual wheels** are not permitted.
8. **Hitch** Frame-mounted hitch must be in stock location and maximum drawbar height is 26" as measured from the ground to top of drawbar surface. Must be located a 40" minimum for short boxes and 48" minimum for full-size from center of rear axle to hook point on clevis, or past stock uncut frame rails, whichever is further. Clevis must be 3" X 3.75" inside diameter minimum.
9. **Disqualification** from this class for any special modifications to the vehicle is the discretion of the judges.
10. **Points** this is not a points' class.
11. **Trailer** Vehicle can be trailered to the event.
12. **Traction Bars** You may have traction bars, but they must let the suspension still function.
13. **Overweight** In an event were a vehicle is NOT able to get down to 6,500lbs that vehicle must drop hook point 2" for every 100lbs over. **If overweight you pull exhibition.**

6500# Competition EFI

1. **Vehicle** Must be street legal. (working doors, turn signals, headlights, windows and windshield intact). Vehicle must be able to be registered for the road. (this will be determined by the board) Must have some sort of front bumper. Vehicle must not be stripped.
2. **Fuel** No nitrous oxide or alcohol.
3. **Weights No** weight is to be added to the front of the vehicle. Weights should be marked and must be secured inside the box. No weights in the cab.

4. **Exhaust** 1-7/8" max primary headers allowed. Must have mufflers, cannot run with open exhaust. Exhaust must extend behind the cab of the truck.
5. **Suspension** Traction bars allowed with factory suspension No blocking or air bags.
6. **Tires Any** DOT approved tires are allowed. 33" or equivalent max height. Dual wheels are not permitted.
7. **Hitch Frame** mounted hitch must be in the stock location and maximum drawbar height is 26" as measured from the ground to the top of drawbar surface.

-Short box trucks Hitch must be rigid in all directions out to 40" or further from the center of rear axle. Free moving clevises with no stops, are allowed if the center clevis pin is 40" from the center of rear axle, then the hitch height will be measured from the center of the clevis pin.

-Long box trucks Hitch must be rigid in all directions out to 48" or further from the center of rear axle. Free moving clevises with no stops, are allowed if the center clevis pin is 48" from the center of rear axle, then the hitch height will be measured from the center of the clevis pin
8. **Engine** Must be factory manufactured engine from the same manufacturer as the truck. No forced induction.
9. **ECM** Must use factory ECM..
10. **Driveshaft loops** Must have universal joint protection, 1/8" steel or 1/4" aluminum for visible u-joints.
11. **Kill Switch** Must have working kill switch within 1 foot of hitch.
12. **Truck can be trailered to the event.**
13. **Disqualification for this class is up to the discretion of the officials.**

6200# OPEN STOCK CLASS

1. **Frame** Stock Frame Only No Tube Frames
2. **Rear Differential** Can Mount Rear End Solid
3. **Windows** Must have operating windows
4. **Seat Belts** are required.
5. **Front Suspension** Must use stock front Suspension. Can add traction bars.
6. **Rear Suspension** can use Traction bars
7. **Box** must be stock appearing with box sides and must have Box liner or Tonneau cover if there is no floor. Flat Racks are allowed

8. **Wheelbase** No alteration of wheelbase allowed. 133" Max.
9. **Brakes** Truck must have working brakes.
10. **Steering** can be altered. (Hydraulic Steering)
11. **Lift Bodies** not allowed.
12. **Shocks** Multiple Shocks are ok
13. **Differentials** Only stock production drivetrain equipment can be used up to Dana 80 Rear ends, NO Military axles or square tube axles, aftermarket axle shafts okay. Must have driveshaft loops.
14. **Transmission** Must be factory style transmission. Aftermarket internals are allowed. No quick change, (ProFab, SCS) or reversers.
15. **Transfer Case** Must be factory style transfer case. Aftermarket internals are allowed. No quick change, (ProFab, SCS etc).
16. **Engine Location** in Stock location.
17. **Universal Joints** All universal joints must be protected by minimum of 1/8" or 1/4" aluminum, full 360-degree enclosure, at least 3" long, centered on each U-joint, with 2 loops per drive shaft a least 1" wide.
18. **Standard Transmission** must have SFI approved bell housing.
19. **Auto Transmission** must have a safety blanket or SFI Transmission shield, plus SFI shield around flex plate area.
20. **Engine Shields** required, SFI approved harmonic balancers need only working forward plate. Stock OEM Balancers need 1/4" X 1" Wide Steel wrapped 360 degrees with 1/4" X 1" Tabs to keep harmonic balancer from working forward.
21. **Charging System** Factory stock charging system only, No Pony motors. Removal of Alternator okay.
22. **Fuel Pump** electric or stock type
23. **Kill Switch** A working safety kill switch is required to be within one foot of hitch and must have a neutral safety light. Kill switch to turn off fuel pump when pulled recommended, main disconnect or battery kill switch located outside of the truck.
24. **Cooling Fan** Vehicle must use electric cooling fan only.
25. **Water Pump** Electric water pump or belt driven stock type water pump.
26. **Ignition** Battery operated ignition up too MSD7 is legal.
27. **Cubic Inch** Max 480 CID (2 CI leeway)
28. **Headers** Allowed 2 1/4" max primary tube and 4" max collectors.
29. **Exhaust** has to be down and back.
30. **Carburetor** Any single carb. Dominators allowed.
31. **Blocks** No Aluminum blocks
32. **Intake** Cast Iron or aluminum intake manifolds allowed. No tunnel rams or Pro rams intakes. No handmade or sheet

metal intakes.

33. Head rule. OEM production Iron head. Head valve angle can be +/- 3 degrees from original manufacturer of vehicle. Cast iron only. 400M any head allowed. No Hemi heads allowed period.

34. Weight may be added to front of vehicle but not more than 60" from center of front axle.

35. Rim Max 10" rims bead to bead

36. Duals No duals allowed.

37. Tire Maximum tire size allowed is 35" x 12.5" x 10. Bead locks okay. Machine Siping Allowed

38. Hitch Is measured from the hook point of hitch to the centerline of rear axle shall be no less than 29% of the wheelbase. Clevis must be 3" X 3 1/2" inside diameter minimum.

39. Rear End Tab There must be a 1"x 1" x 1/4" tab welded to center of axle for measuring hitch distance.

40. Bed If the pickup bed is too long it must be cut to allow the hitch to be clear and visible for hook up.

41. Hitch Height High point of hitch can't exceed 26" before, during, or after the pull.

42. Hitch must be ridged in all directions

43. Pivot point no higher than 3" above the frame rail.

44. Vehicle may jump from one class to another in one event, as long as it meets all specification of both classes.

45. Fire Suit Fire jacket and helmet required.

6200# SUPER STOCK CLASS

1. Vehicle may not be stripped beyond safe operating conditions (hood, fenders, and doors). Factory box must have floor or cover.

2. Kill Switch A working safety kill switch is required to be within one foot of hitch and must have a neutral safety light. Kill switch to turn off fuel pump when pulled recommended. main disconnect or battery kill switch located outside of the truck.

3. Fuel Only gasoline is allowed. No nitrous oxide allowed. Alcohol is permitted.

4. Drawbar Maximum drawbar height is 26" as measured from ground to top of drawbar surface. Minimum drawbar length is 27% of the wheelbase. The attachment point may be 3/4" hole for a clevis or a 3"X 3.75" ID horizontal ring for a hook. Hitch length is to be no more than 6" from rear bumper.

5. Weight must not exceed 60" from center of front axle to outer edge of weight. No weights are allowed in the cab. Weights can be anywhere on the frame, but they MUST be mounted.

6. Engine must be Cast Iron Block. One engine only. Maximum of 530 CID. Pony Motors allowed.

7. Harmonic Balancer 360 degrees Harmonic balancer guards are required for OEM Balancer. SFI Approved Balancers only need Forward Guarding.

8. Port Plates High port plates are allowed on Ford engines.

9. **Headers** are permitted. Can be straight up thru hood or exiting down and back. Extensions to side or through bed are permitted.

10. **Modifications** Any engine and drive line modifications permitted, except:

11. **Carburetor** Only one (1) carburetor in normal position is permitted.

12. **Air Intake** No tunnel rams, cross rams, TPI, turbo chargers, or superchargers. Engines must be naturally aspirated.

13. **Hood Scoop** Blank hood scoops may be added for appearance only.

14. **Universal Joints** All universal joints must be protected by minimum of 1/8" or 1/4" aluminum, full 360-degree enclosure, at least 3" long, centered on each U-joint, with 2 loops per drive shaft a least 1" wide.

15. **Suspension** modifications are permitted.

16. **Fire Suit** Must wear a full fire suit and helmet.

6200# MODIFIED CLASS

1. **Modifications** Any engine and drive line modifications are permitted, except:

2. **Engine** must be naturally aspirated.

3. **Cubic Inch** One engine only - maximum of 650 CID

4. **Body** Fenders, hoods, and grills may have engine related penetrations.

5. **Harmonic balancer** guards are required if not SFI approved.

6. **Fuel** Only gasoline/alcohol is allowed. No nitrous oxide.

7. **Kill Switch** A working safety kill switch is required to be within one foot of hitch and must have a neutral safety light. Kill switch to turn off fuel pump when pulled recommended, main disconnect or battery kill switch located outside of the truck.

8. **Weight** must not exceed 60" from center axle to outer edge of weight. Weights should be marked. Weights can be anywhere on the frame but MUST be mounted. No weights are allowed in the cab of the truck.

9. **Drawbar** Maximum drawbar height is 26" as measured from the ground to top of drawbar surface. Minimum drawbar length is 27% of the wheelbase. The attachment point may be a 3/4" hole for a clevis or a 3"x 3.75" ID horizontal ring for a hook. Hitch length is to be no more than 6" from rear bumper.

10. **Transmission** Any automatic transmission must have scatter blanket or SFI Shields. Manual transmission MUST have a complete steel bell housing, or if homemade, a minimum of 3/16" steel all around the housing for safety purposes.

11. **Universal Joints** All universal joints must be protected by minimum of 1/8" or 1/4" aluminum, full 360-degree enclosure, at least 3" long, centered on each U-joint, with 2 loops per drive shaft a least 1" wide.

12. **Tires** of any width and tread pattern may be used. Tire size shall be no larger than 34" Cepek or 38" DOT tires. Tires can be cut. Wheels cannot be any wider than 22". Front and rear tires have to run 1/2 track. Bead locks are "OK".

13. **Wheelbase** Maximum wheelbase is 133".
14. **Frame and suspension** modifications are permitted.
15. **Fire Suit** Must wear a full fire suit and helmet.

8200# HOT STREET DIESEL

1. **Ballast**: Hanging front weights are permitted. Weight bars must be removable. No weight boxes allowed. Weight cannot exceed 60 inches forward from the axle. Maximum weight of 8,200 pounds.
2. **Batteries**: Batteries must be located rearward of the front core support
3. **Body**: The body must be the OEM truck body; including full bed floor. Complete interior and all working components. Fiberglass hood and roll pans are permitted. Cowl hoods must not exceed 3 inches tall
4. **Chassis**: The OEM chassis is mandatory. 4-wheel factory working brakes. OEM suspension. Airbags/solid removable blocking permitted.
5. **Cooling System**: Radiators must be in the stock location and be of at least stock size. Electric cooling fans are permitted.
6. **Driveline**: OEM transmission, transfer case. ZF6 swap permitted. Must use OEM axle housing front and rear from 1 ton or less. OEM style suspension only. Lift kits permitted; max of 6" suspension lift. Rear traction bars permitted; must have safety loop around the bar. Rear axle cannot be welded solid to the frame.
7. **Engine**: OEM blocks must circulate coolant freely. All factory belt driven accessories must be retained and powered via crankshaft by a standard serpentine or "V" belt.
8. **Exhaust**: Trucks must direct exhaust upward. Hood stacks and bed stacks are permitted; tail pipe, if exits at rear of vehicle, must have 90-degree elbow. No axle dumps or side pipes allowed. Two 3/8 bolts must be installed through exhaust pipe in "X" pattern within 1 inch of each other as close to the turbo as possible.
9. **Fuel**: Multiple high-pressure pumps allowed. The fuel must be pump #1/#2 diesel – Soy/Biofuel allowed. No propane, NOS or water injection.
10. **Harmonic Balancer**: All engines turning more than 4500 RPM must be equipped with a harmonic balancer or dampener meeting SFI Spec 18.1.
11. **Hitch**: The hitch must be a Reese receiver-style hitch. Hitch must be exposed at rear of vehicle. Minimum of 44 inches from center of rear axle back. No Hitch supports or bracing may extend forward of the rear. Max 26" hitch height. Must use 5/8" grade 8 bolt in place of receiver pin. Final decision of legality of all hitches resides with the head technical official.
12. **Intercoolers**: Only air to air intercoolers are allowed, unless factory equipped. If factory equipped, you may replace the aftermarket factory replacement cooler; must remain factory location.
13. **Kill Switches**: Can be electronic or mechanical. Must either cut off air supply or shut off fuel supply. Must be mounted within 12 inches of the pulling hitch, if the switch can be mounted above the hitch, please do so. Switches will be tested.
14. **Safety Equipment**: All drivers must wear a helmet and fire jacket. No open face helmets allowed. Pants, gloves, shoes and face sock are recommended, but not mandatory. Must carry a fire extinguisher in driver's compartment.

All exposed u-joints must be shielded, along with axle bolts. Full loops are recommended, but not mandatory. Trans blanket is recommended, but not mandatory

15. Tires: Tires must be DOT street tires. 35-inch maximum height. Dually trucks may not exceed 33"x12.5". No bolt on duals for factory SRW trucks

16. Turbo Charger: You may run any turbo charger(s) that you street drive the truck with

***Tech Inspection:** During each tech inspection, the driver must comply with all tech requests. The tech official has the final say.

8000# 2.6 PRO STREET DIESEL

Engine:

1. Pump #1, #2 or Soy/Bio Diesel permitted. Fuel must be commercially available. Propane, Nitrous or any other alternative fuels prohibited, and system components must be removed from vehicle.
2. Complete engine must have stock appearance except where otherwise noted in these rules. Cubic inch limit of 460CI. Engine must be in OE location for the body used. Engine must have a 3/8" diameter cable surrounding the engine block. Cable is to be positioned between #1 and #2 cylinders and is to pass through manifolds. Cable will have 4-6" slack. Two cable clamps at cable splice are required.
3. Cylinder head must be OEM or OEM replica for brand of engine. Outside of cylinder head must measure factory width and length. No billet heads of any material. Head must retain factory OEM valve angel. Deck plates prohibited.
4. All engines turning over 4500 RPM must be equipped with a harmonic balancer or dampener meeting SFI spec 18.1.
5. Fuel injection pump is limited to single P-pump up to a P7100. 13mm plunger limit. Ag governors permitted. Multiple high pressure common rail fuel pumps or HPOPs permitted. No sigma or 12-cylinder pumps allowed.
6. Turbocharger: Limited to 2.6" smooth bore inducer. MWE groove not allowed. Compressor wheel must protrude into 2.6" bore 1/8". Bore will be checked with a 2.605" turbo plug and cannot contact wheel.
7. Air-to-air intercoolers only. No cooling devices for intercooler or ice boxes allowed. Water injection, spray bars etc. prohibited.
8. Exhaust must exit upward. Hood stacks permitted. Must have two 3/8" bolts installed through exhaust pipe in a cross pattern within one inch of each other as close to the turbo as practical.
9. A working safety kill switch and/or air shut off is required to be within one (1) foot of hitch. Kill switch must shut off fuel pump when pulled. It is recommended to have an air shut off.

Driveline:

1. Vehicle must have a factory-type housing for transmission and transfer case. They must have been an option on a one-ton or smaller pickup.
2. Transmissions must have come on a 1-ton or smaller truck. Aftermarket transmissions prohibited.
Automatic: Transmission brakes prohibited. Any non-OEM shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse. Neutral safety

switch is required, and vehicle cannot start in gear. All vehicles using an automatic transmission must be equipped with a flex plate meeting SFI spec 2.1. An SFI spec 4.1 blow proof transmission blanket required. **Manual** clutch must meet SFI spec 1.1 or 2.1. All manual transmissions must be clutch assisted. Sequential shifters prohibited. Manual transmissions must have a flywheel shield meeting SFI spec 6.3 or greater. Applications which SFI spec shield is not available you must run an SFI spec 4.1 or 4.2 blanket that completely covers bellhousing. Must attach to rear of engine block and extend rearward to the transmission with a minimum of a 6" overlap where fastened. Must have safety interlock so cannot start in gear.

3. Working front hydraulic brakes required.

4. Front and Rear axle must have come in a 1-ton or smaller truck, aftermarket rear ends prohibited. Rear axle bolts must be covered by a cap or shield. Front shields recommended, opening allowed for locking hub.

5. All visible u-joints must be shielded by 1/4" steel or 3/8" thick aluminum tubing 6" long centered on u-joint.

Chassis:

1. Front hanging weight must not exceed 60" from center of front axle to outer edge of weight.

2. Must have OEM body and full bed floor. Vehicle must have OEM floor and firewall. Flat beds prohibited. Body must retain the full sheet metal. After market hoods permitted.

3. OEM chassis is mandatory. Vehicle must retain full OEM chassis. Engine must be in the OEM location for body used. Wheel tubs, tube chassis, etc. are prohibited. Lengthening of frame up to 158" is permitted. Longer trucks (158"-172") must maintain OEM measurements for body being used.

4. Front Suspension: The upper mounting point for strut assembly must be in factory location. Adjustable caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided the factory mounting points are maintained. Strut tower braces, lower tie bars, sway bars and limit straps are permitted. Traction bars and devices are permitted. Raising or lowering of vehicle height with suspension modifications is permitted but must be bolt on only. Welds permitted for attachment to frame and axle only. Blocked suspension permitted. No air bags.

5. Rear Suspension: Can be mounted solid

6. Tires must be DOT approved. Duals are not permitted. All tires shall be unmodified street type. No cut, bar or terra tires. 35x12.5 maximum allowed. Receiver or draw bar style hitch permitted. Receiver hitch: The receiver tube must be horizontal/parallel to the ground and stationary in all directions. Reinforcements are permitted. Any hitch attachments/bracing must be from frame down, not axle up and cannot extend forward of the center line of the rear axle and must remain inside the frame rails. No part of hitch can be above frame rail. Trick hitches are prohibited. Bumper may be notched or removed. Draw bar hitch: Must be stationary in all directions, frame mounted, and forward mount can be no farther forward than centerline of rear axle. Hitch cannot exceed 25 degree angle from pivot point to hook point. No hitch supports or adjusters fastened to rear axle housing shall be above center point of rear axle. Pivot pin of drawbar can be no further forward than the centerline of rear axle. Adjusters can only go straight downward vertically or towards rear differential housing. No slotting of holes for adjuster attachment. Adjusters not permitted above hook point.

7. Safety hitch mounted 12" below primary drawbar, minimum 3/8" thick.

8. Hitch must have an opening of 3x3.75" for hook. Hooking point must be a minimum of 44" from the center of the rear axle and 24" from the ground.

9. Hand throttle permitted