

4x4 TRUCK PULL

July 23, 2022 – 7:00 pm

Classes:

Premiums:

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| 1. Work Stock Gas | 1 st - \$75; 2 nd - \$50; 3 rd - \$25 |
| 2. Outlaw Street Gas | 1 st - \$350; 2 nd - \$250; 3 rd - \$175 |
| 3. Big Block High Output | 1 st - \$500; 2 nd - \$250; 3 rd - \$175 |
| 4. Small Block High Output | 1 st - \$500; 2 nd - \$250; 3 rd - \$175 |
| 5. Wild Street Diesel | 1 st - \$250; 2 nd - \$150; 3 rd - \$100; 4 th - \$75; 5 th - 50 |
| 6. 2.6 Diesel | 1 st - \$350; 2 nd - \$250; 3 rd - \$150; 4 th - \$100; 5 th - \$75 |
| 7. Limited Pro Stock Diesel | 1 st - \$600; 2 nd - \$400; 3 rd - \$300; 4 th - \$200; 5 th - \$100 |
| 8. Street Legal Semi | 1 st - \$150; 2 nd - \$100; 3 rd - \$75 |
| 9. Pro Street Semi | 1 st - \$300; 2 nd - \$200; 3 rd - \$100 |

ENTRY FEE: \$25.00 per person at Cornwall Road gate, includes 1 hook; \$10 per additional hook. Weekly pass or Weekly Track Pass are not good at Cornwall Road gate.

All Classes with less than 5 entries will have the total prize money reduced by 50%. Small block HO will Combine with big block HO if less than 5 entries.

Class 1: Work Stock Gas

Weight: 6,800 lbs. Gas Trucks Only (trucks that can't make this weight may run with a 24" hitch)

1. Weight may be added in the bed of the truck only and must be securely fastened.
2. 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!
3. Headers allowed, must have muffler and exit behind the cab.
4. Computer chips and reprogramming is allowed.
5. Suspension may not be blocked – ladder bars allowed. Airbags must be empty and disconnected. Factory installed suspension stops only.
6. No bumpers of excessive weight. Snowplow frames (must be operational) and factory built winch bumpers are acceptable as long as they do not add excessive weight.
7. Aluminum intake and one four-barrel carb. Allowed. No dominator style carbs. No single plane intakes.
8. No power adders (turbo charger – Super charger) or compressed accelerants of any kind.
9. Aluminum heads/block must have been factory available for year make and model of truck.
10. Must pull from an unmodified Reese style hitch. Max height 26 in. (or 24" if overweight) & 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. OEM, Transmission transfer case and front and rear-end housings are mandatory. They must have been an option on a one-ton or smaller pickup.
13. Tires must be street legal tires with DOT number on the sidewall. Tread pattern may not be cut. Dual rear tires may be used in competition. Max size 35 x 12.50.
14. Wheelbase of truck must be original wheelbase for the body being used.

Class 2: Outlaw Street Gas

Ballast

1. Maximum weight 6500
2. No hanging weights are allowed, hidden weights are permitted must not be visible and not below the frame. Weight may be in bed. All weights must be securely fastened.
3. No weight allowed in cab

Chassis and Suspension

1. OEM Chassis is mandatory. The vehicle must retain OEM frame rails
2. Must maintain OEM measurements for body being used. .
3. Rear suspension may block. Must have two inch of travel in downward motion
4. Hydraulic over electric is permitted but must run through OEM steering box
5. Laddering the frame is not allowed

Battery

1. Batteries are not allowed in cab unless factory installed. Must be in OEM location

Dress Code

1. Dot helmet to be worn and fastened
2. Leather shoes, pants & shirt, Fire suit are highly recommended

Body

1. The body must be OEM truck body including the full bed floor. The body must retain the full sheet metal. No mud flaps or dirt deflector
2. The complete OEM floor-pan is mandatory. Vehicle must maintain a complete firewall
3. Must have all windows, must have all working OEM lights, must have all interior panels and dashboard.
4. Flatbeds are permitted but must be a manufactured bed. No homemade beds are allowed

Brakes

1. Must have four working brakes, must have working brake lights

Exhaust

1. Must run mufflers, Headers are permitted
2. Exhaust must clear the rear of the cab

Safety Equipment

1. All trucks must have at least six-inch-wide u-joint shield around the rear u-joint constructed of at least 5/16-inch steel or 3/8 aluminum. All shields must be securely mounted to vehicle. Any front shaft u-joints that can be visibly seen from side of truck must be shielded to contain the u-joint and the end of the driveshaft. Must have one center loop
2. Kill switch will be securely mounted to back of vehicle. A 2 inch or bigger solid ring must be attached to end of switch. Switch must also be able to be activated in cab while driver is secured in vehicle.
3. All vehicles must have a 2 1/2 lb. dry chemical or 1lb halo extinguisher within the reach of driver.
4. Seatbelts are required when hooked to the sled

Drive Line

1. OEM rear and front ends required. Must have come factory in a one ton or smaller vehicle.
2. OEM transmission and transfer case must be used. Must have come factory in a one ton or smaller vehicle
3. SFI bell housing and/or SFI blow proof bell housing or SFI blanket type shield must be used. Slipper clutch are allowed
4. Automatic transmissions must be covered 360 degrees from back of engine block to the tail shaft bolts
5. Traction bars other traction devices are permitted except electronic traction control.

Tires

1. Tires must be DOT approved no larger than 35x12.50. or 315x75 Metric
2. Must have factory tire size stamped for verification. If size is removed they will be considered illegal.
3. No studded tires or tire chains. No alterations to tires permitted. No bar or terra tires.
4. Dual wheels are prohibited
5. Real wheels are allowed
6. Rear tires must track 50% over the path of front tires

Fuel

1. Gasoline only
2. No propane or Nitrous
3. Other oxygen enhancers are not allowed

Engine

1. 550 cubic inches limited with no variance. All trucks must be cubic checked and sealed
2. Engine must be in OEM locations
3. Aluminum blocks and heads are permitted. No pro stock style heads.
4. Any single naturally aspirated carburetor allowed
5. EFI fuel injection is permitted
6. No tunnel rams are allowed
7. Engine driven fans require 360 metal shielding. Electric fans are permitted
8. Aftermarket radiators are permitted. Must be in OEM location. Must flow coolant freely

9. Blow proof harmonic balancer or 360 shield highly recommended

Hitch

1. Any style hitch is allowed. Must be receiver style at the point of hook. Must have forge pins no bolts are allowed
2. Up to 500 cubic inches with 2% variance trucks with run a 26" hitch height with a minimum of 3.75"x3" opening.
3. 510 to 550 cubic inches with trucks with run a 24" hitch height with a minimum of 3.75"x3" opening
4. All trucks will have sticker will be place on rear of truck with hitch height (sticker will be provided)
5. Must be rigged in all directions, Hitch mounting point must not be above frame rails and stationary in all directions. Cannot extend forward of centerline of rear axle
6. No trick hitches allowed
7. From point of hook to centerline of rear axle shall be no less than 27% of the wheel-base

Class 3: Big Block high Output

Engine

1. No Cubic inch Limit
2. Any Aluminum cylinder head Permitted
3. Aluminum Blocks are permitted (Trucks with aluminum blocks must have 100 lbs of weight in the engine bay that is visible to tech inspector)
4. Engine block must have stock bore spacing
5. Single naturally aspirated carburetor only. No Tunnel Rams or Sheet Metal intakes
6. Any engine allowed with any make body
7. Rear of block must be 12" behind the center of the front axle tube

Suspension/Drivetrain

1. No larger than 1 ton driveline
2. OEM Frame rail only
3. Suspension may be blocked or solid
4. No hydraulic suspension or air bags

Transfer Case

1. Must be 1-ton or less
2. 205 Quick Change is permitted, will be sealed during tech inspection
3. No Drop box allowed

Hitch

1. Must be rigged in all directions
2. From point of hook to centerline of rear axle shall be no less than 27% wheelbase
3. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening
4. Hitch mounting point must not be more than 2" above the frame rail

5. Tab must be welded at center of rear end to assist in measuring percentage of wheelbase to hook point.

Tires

1. Must be DOT approved 35" x 12.50" MAX (315 X 75 METRIC TIRE SIZE)
2. MUST HAVE FACTORY TIRE SIZE STAMP FOR VERIFICATION
3. If tire size is removed, they will be considered illegal
4. No studded tires, no chains, no altercations allowed
5. No dual tires

Fuel

1. Gasoline/Race Fuel Only
2. No Alcohol
3. No Nitrous
4. No Power adders
5. Fuel tanks may be mounted on front of weight box

Weight

1. 6200 Pounds MAX
2. Hanging weights and brackets may not extend more than 195 inches from the centerline of the rear axle, but Weights may not extend more than 60" from the centerline of the front axle.
3. No weight allowed in cab
4. All weight must be securely fastened

Transmission

1. Must have blow proof bell housing on truck with standard transmission
2. Automatic transmission must have blow proof blanket

Battery

1. Batteries are not allowed in cab, unless factory installed

Body

1. FULL Fiberglass bodies are not permitted
2. Must have a firewall
3. Bed Floor is not required
4. No Flat Beds, Bed must be OEM Appearing
5. If truck doesn't have bed floor, there must be a cover on the bed
6. No mud flaps or dirt deflector
7. Max width of truck is 102"

Brakes

1. Must have front working brakes

Exhaust

1. Open Headers permitted
2. Headers through hood permitted

Misc.

1. No Traction Control devices allowed

Safety

1. All trucks must have a working kill switch
2. Must have driveshaft loops
3. All fans must be shrouded at least 180 degrees on top
4. All trucks must have a fully functional fire extinguisher in the cab
5. All drivers must wear a helmet, pants, and leather shoes/boots

Class 4: Small Block High Output**Engine**

1. 440 Cubic Inch Limit
2. Any Aluminum cylinder head Permitted
3. Aluminum Blocks are permitted (Trucks with aluminum blocks must have 100 lbs of weight in the engine bay that is visible to tech inspector)
4. Engine block must have stock bore spacing
5. Single naturally aspirated carburetor only. No Tunnel Rams or Sheet Metal intakes
6. Any engine allowed with any make body
7. Rear of block must be 12" behind the center of the front axle tube

Suspension/Drivetrain

1. No larger than 1 ton driveline
2. OEM Frame rail only
3. Suspension may be blocked or solid
4. No hydraulic suspension or air bags

Transfer Case

1. Must be 1-ton or less.
2. Quick Change 205 is permitted but will be sealed during tech inspection
3. No Drop box allowed

Hitch

1. Must be rigged in all directions
2. From point of hook to centerline of rear axle shall be no less than 27% wheelbase
3. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening
4. Hitch mounting point must not be more than 2" above the frame rail
5. Tab must be welded at center of rear end to assist in measuring percentage of wheelbase to hook point.

Tires

1. Must be DOT approved 35" x 12.50" MAX (315 x 75 METRIC TIRE SIZE)
2. MUST HAVE FACTORY TIRE SIZE STAMP FOR VERIFICATION
3. If tire size is removed, they will be considered illegal
4. No studded tires, no chains, no altercations allowed
5. No dual tires

Fuel

1. Gasoline/Race Fuel Only
2. No Alcohol
3. No Nitrous
4. Fuel tanks may be mounted on front of weight box

Weight

1. 6200 Pounds MAX
2. Hanging weights and brackets may not extend more than 195 inches from the centerline of the rear axle, but Weights may not extend more than 60" from the centerline of the front axle.
3. No weight allowed in cab
4. All weight must be securely fastened

Transmission

1. Must have blow-proof bell housing on truck with standard transmission
2. Automatic transmission must have blow proof blanket

Battery

1. Batteries are not allowed in cab, unless factory installed

Body

1. FULL Fiberglass bodies are not permitted
2. Must have a firewall
3. Bed Floor is not required
4. No flat beds, Bed must be OEM appearing.

5. If truck does not have bed floor, there must be a cover on the bed
6. No mud flaps or dirt deflector
7. Max width of truck is 102"

Brakes

1. Must have front working brakes

Exhaust

1. Open Headers permitted
2. Headers through hood permitted

Misc.

1. Traction control devices not allowed

Safety

1. All trucks must have a working kill switch
2. Must Have Driveshaft loops
3. All fans must be shrouded at least 180 degrees on top
4. All trucks must have a fully functional fire extinguisher in the cab
5. All drivers must wear a helmet, pants, and leather shoes/boots

Class 5: 8500lb Wild Street

If pulling this class, you will not be eligible to pull in 2.6 Smooth Bore. 2.6 Smooth Bore is not eligible to pull in this class.

Credentials: Must be licensed, insured, inspected, and street legal. All drivers must have current driver's license. Vehicles may be 2- or 4-wheel drive. Vehicle may be gas or diesel engine. All pulling vehicles may be held for a pre/post competition inspection. Failure to abide may result in a disqualification.

1. OEM restraint system is mandatory and must be worn. Helmets are required. No exceptions.
2. Vehicle must retain FULL OEM interior. This includes all seating as designed for cab configuration, full dash, door panels, carpet/vinyl flooring, etc.
3. Ballast is permitted and must be secured in pickup bed only. Front hanging weights is prohibited. Weight in the cab or engine bay is prohibited. 8500 lbs. with driver.
4. Body must retain full OEM truck body. Aftermarket hoods permitted. Aftermarket (ranch hand, roll pans, or other) bumpers permitted. Snowplow mounts permitted; snowplow frame prohibited. All headlight assemblies must be installed. Window tint is permitted.
5. Driveline must retain OEM style driveline from one ton truck or less. Planetary axles, drop box, and/or reverser are prohibited. Driveline components may be swapped between manufacturers. Driveshaft size and material may be upgraded. Driveshaft u-joints MUST be covered if visible from the side of the truck. SCTPA have the right to require addition u-joint shields/safety equipment.
6. Engine must have been offered as an OEM engine in a one ton or less truck. Engine can be interchanged

between manufactures.

7. Hitch heights are as follows:

20-inch 4x4 diesel or turbo gas

24-inch 4x4 naturally aspirated gas

26-inch 2wd diesel

30-inch 2wd naturally aspirated gas

Hitch is different heights to level out class and attempt to keep everyone competitive. Please be sure you can get it to the correct height. Reese style hitches only. Draw bar style or "trick" hitches prohibited. Hook point must extend beyond the back of bumper/roll pan. Hitch must be stationary in all directions. Clevises are prohibited. Hook loop must be a minimum $\frac{3}{4}$ " x $\frac{3}{4}$ " thick at any point, must be made of steel, and not more than 1.5" X 1.5" at hook point. Final decision of legality of hitch resides with SCTPA head tech official.

8. Compressed injectables (nitrous, propane, etc.) is prohibited.
9. Exhaust MUST point upwards. HOOD STACKS PROHIBITED. NO EXCEPTIONS. If exhaust is exiting under bed side, must have turn up tip to point exhaust upwards. Exhaust must exit after the back of cab. It may exit through the bed (bed stack) or under the bed. Aftermarket exhaust permitted. Exhaust MUST have (2) 3/8 diameter grade 5 bolts in exhaust installed 90° to each other, as close as practical to each other.
10. On-road fuel for Diesel trucks is permitted. Any octane rated gas for gas trucks is permitted. E85 or alcohol is prohibited.
11. Air to air intercoolers only. Aftermarket intercoolers are permitted but must be in front of radiator. Factory water to air intercoolers is permitted. Aftermarket water to air intercoolers is prohibited.
12. Engine must circulate coolant freely. Radiator must be in front of engine. Aftermarket radiators permitted.
13. Front suspension must retain full working front suspension. Limiting straps prohibited. Traction bars permitted. Front suspension may be raised or lowered.
14. Rear bump stops permitted. Bump stops must be bolt on only and removable for street use. Traction bars permitted. Rear suspension may be bolted so no travel is present.
15. Tires limited to 35x12.50" tire for single wheel trucks. Tire limited to 35x11.50 wide for dual wheel trucks. Any aftermarket wheels permitted. Dually wheels permitted when accompanied by a dually bed. All tires must be D.O.T. approved. Cutting or altering of tires is prohibited.
16. Any turbo/supercharger configuration and/or size is permitted. Its Thunder Road. The rules are, there are no rules. Twins welcome, triples preferred. Super chargers are cool too.
17. All general rules apply.

All interpretation of these rules lie with the Tech Officials and their decision is final.

Class 6: 2.6 Diesel

Weight: 8,000 lbs. Maximum

1. All truck must have the safety equipment installed.
2. Ballast is permitted. Hanging weights may not extend more than 60 inches from the centerline of the front axle.
3. Batteries must be securely mounted. They may not be located in the driver compartment or forward of the radiator core support.
4. Body must be an OEM truck body, including the full bed floor. The body must retain full sheet metal. Metal aftermarket hoods are permitted. Fiberglass is prohibited. The hood must be closed and securely latched while the vehicle is hooked to the sled. The complete OEM firewall and complete OEM floor pan is mandatory.
5. Minimum of front hydraulic brakes.
6. 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.
7. Radiators must be in the vicinity of the stock location and be at least stock size.
8. OEM transmission and transfer case is mandatory. They must have been an option on a one ton or smaller pickup.
9. All trucks must have at least 6 in. wide u-joint shields around the rear u-joint 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.
10. The engine block must have been available as a factory option on a one ton or smaller pickup truck. Block must circulate coolant freely. Water pumps must be present but may be powered electrically. The use of concrete or other block fillers is prohibited. All factory belt- driven accessories, excluding the air conditioning compressor, must be retained, and powered via the crankshaft by a standard serpentine or 'V' belt. Electric fans are permitted. Aftermarket radiator assemblies is permitted but must be securely mounted in the same general area as the OEM unit.
11. All vehicles must be equipped to direct exhaust upward. Hood stacks are permitted. Two 3/8 inch diameter bots minimum grade 5 must be installed through the exhaust pipe in a cross pattern within one inch of each other as close to the turbo as it practical.
12. The fuel must be pump #1 / #2 diesel only. Soy/Bio-diesel fuel is permitted. NITROUS OXIDE is prohibited along with other oxygen extenders and the use of PROPANE is also prohibited. All system components MUST be removed from the truck.
13. 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.
14. All engines turning 4500 RPM and higher must be equipped with a harmonic balancer or damper meeting SFI Spec 18.1. A shield across the frame under the front of the engine shielding the damper and engine fan area is required.

15. The hitch must be constructed of solid material that is properly attached and braced. The hooking point must be at least 44 inches rearward from the centerline of the rear axle. The hitch must be horizontal to the ground and stationary in all directions. The hitch's height from the ground may not exceed 26 inches on 4wd units. The hooking point must have a minimum 3.0-inch inside diameter opening for the sled hook. The hooking point will be measured to the center of the clevis loop.
16. A complete interior, including dashboard, door panels, headliner, etc., is mandatory. Two front seats are mandatory. Aftermarket seats are permitted; they must be fully upholstered. All factory controls (lights, signals, horn, windows, wipers, etc.) must be retained and be operative. *The use of hand-throttle controls is permitted but 2 return springs are mandatory.*
17. A sled operated spring-loaded emergency air shut off is mandatory. The Cable must terminate into a two-inch diameter steel ring.
18. The rear end must have been an option on a one ton or smaller pickup. Rear axle bolts must be covered by a cap or shield.
19. The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power steering assistance if it was so equipped. Additional stabilizers are permitted. Non-OEM power assist methods are prohibited.
20. Complete headlight and taillight assemblies (all) are mandatory and must be 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.
21. The factory suspension configuration must be retained. 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.
22. An OEM-style suspension is mandatory. Traction bars and devices are permitted; they must be bolt-on only; welds are permitted for attachment to frame or axle housing. Controls Arms may be strengthened or replaced provided all original mounting points are retained. Strut tower braces, lower tie bars, sway bars, limit straps, and camber kits are permitted. The rear suspensions must use at least one working shock absorber per wheel.
23. The tires must be DOT street tires. Cut tires are prohibited. The maximum allowed tread width is 102 inches.
24. Tow vehicles are prohibited.
25. Transmission, Automatic: Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and 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. All transmission lines must be metallic or high-pressure-type hose. All vehicles running 4500 rpm or higher 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 tail housing with a minimum six-inch overlap where it is fastened. All non-

blanket-type shields must incorporate two (or one, per manufacturer's instructions) ¾ 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. All vehicles with engines using an 15 automatic transmission running 4500 rpm and higher must be equipped with a flex plate meeting SFI Spec 29.1 and be covered by a flex plate shield meeting SFI Spec 30.1.

26. Transmission, Manual: Non-OEM transmissions are prohibited. Aftermarket internal components are permitted. Engines running 4500 rpm or higher must have 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 with engines running 4500 rpm or higher with a manual transmission must have a flywheel shield labeled as meeting minimum SPFI Spec 6.3 or greater. Applications for which a SFI Spec flywheel shield is not available may use a properly 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.
27. (2.6) Turbocharger: The vehicle is limited to a single 2.6 inlet turbocharger. The compressor wheel must protrude into the compressor inlet bore 1/8 inch. The 1/8-inch wheel protrusion must be cut flat and square. NO TAPERED CUTS. The inducer bore on the compressor housing is limited to 2.6 inches and the bore must be uniform in size throughout the diameter. No oval or egg-shaped bores will be allowed. The inducer bore is non-removable and must be maintained for 3/4 of an inch from the front face of the compressor wheel. The inlet will be measured with a 2.65 plug, or internal calipers. The plug must not be able to enter the inducer bore. A map width enhancement (MWE) groove is allowed. No MWE groove width greater than (.200) of an inch will be allowed. The entire MWE groove must be placed behind the cut or step on the wheel for the protrusion into the inducer bore. Turbos with non-stepped wheels, true 2.6 or smaller must still have the 1/8 protrusion into the inducer bore, and the 2.6 bore must be maintained for 3/4 inch in front of wheel and may have a MWE groove no larger than (.200) of an inch wide behind the face of the wheel. All provision allowing air to the wheel other than via the bore inlet and the MWE groove are prohibited. The 6.4 power stroke engine may utilize the factory twin turbo configuration. The driver will be responsible for making compressor wheel and bore accessible for tech personnel to measure bore and inspect compressor wheel.

Class 7: Limited Pro Stock Diesel

Weight: 8,000 lbs. Maximum

1. Trucks must remain stock appearing. Must have full size steel or OEM type body. The bed of the truck must have a metal floor, if bed is gutted 200 lbs. of moveable weight must be placed rearward of the centerline of the rear axle.
2. Maximum engine size will be 460 cubic inch. Engines must come from factory in one ton or smaller Diesel pickup truck. Engine must remain in stock location as intended by manufacturer.
3. Front of engine block can be no farther forward than 17" of centerline of front axle.
4. Hook point must be no closer than 44" of centerline of rear axle, hitch height maximum of 26", with a minimum of a 3.5" 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 center line of rear axle or behind. Hitch must not exceed a maximum of 25 degree angle from pivot point to hook point.

5. One turbo with one pressure stage permitted. Maximum of 3.0" Opening on intake wheel. Map width enhancement is allowed not to exceed .250. Compressor wheel must protrude into three inch bore 1/8", intake housing may not exceed three inches turbo mounting plates are permitted.
6. Exhaust must exit straight up, with (2) 3/8" bolts mounted in a cross pattern no more than 1" apart as close to the turbine wheel as possible, no more than 6" from turbine wheel.
7. No cast iron clutches or flywheels permitted.
8. Fuel safety kill and/or air shutoff must be installed on the rear of truck. Kill switch will be securely mounted to the back of the vehicle and have a two (2) inch diameter ring to attach the sled.
9. No fuel lines or tanks permitted inside of truck cab unless securely mounted in marine box.
10. Computer chips and boxes permitted.
11. Fuel Systems: Largest fuel injection pump allowed will be a P-Pump with only one plunger per cylinder. (No Sigma pumps).
12. Must be D.O.T. approved tire. Maximum tire height 35" no studded tires or chains. No alteration to tires allowed. No bar or terra tires. Dual rear wheels are permitted.
13. Water injection permitted.
14. Front weights must be no more than 60" from the center line of the front axle to forward most point and be securely fastened. No weights are allowed in cab of truck if in bed of truck they are to be securely fastened to bed of truck.
15. Fuel limited to diesel fuel and bio-diesel only. No alcohol, nitrous, propane or any oxygen enhancing agents allowed.
16. Drive train will consist of the following: Any front axle, any transfer case, any rear axle. No planetaries permitted.
17. Axle shields are required. Shield to be .060" thickness steel or aluminum. Shield not to be mounted to axles ends or hub bolts. A hole may be cut in one to allow locking in of hubs.
18. S.F.I. Bell housing Blankets and /or S.F.I Blow proof Bell housing required.
19. All U-joints must be shielded 360 degrees with 3/8" thick aluminum or 5/16" thick steel. Shield will be 6 inches long minimum and centered on U-joint. Inside diameter of shield will be no more than 2 inches larger than U-joint.
20. All intermediate shafts between the transmission and transfer case will be totally enclosed in 3/8" aluminum or 5/16" steel, 1/4" of shaft may be visible.
21. Suspension modifications are permitted. Removable suspension blocks are permitted.
22. Fire Extinguishers, helmets, Snell 85 or better, SFI fire suits, shoes, and seatbelts required.
23. Maximum wheelbase 158" and 102" maximum track width (outside tire to outside tire).

Class 8: Work Stock Semi

Weight: 20,000 lbs. Maximum

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 set between the two rear axles. The hitch must be adjusted so that the height from the ground to the point of hook is between 20 to 28 inches to be determined by track official.
6. 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.
7. Chaining or blocking of drive axles is not permitted.
8. Single turbo only, except for factory installed twin turbo chargers.
9. No ether, alcohol, nitrous, or other combustible liquids or materials may be injected into the turbo charger or any part of the air intake system.
10. Pump diesel fuel is the only fuel permitted in this class.
11. Maximum engine RPM allowed will be 2300 RPM, verified on the vehicle tachometer or photo tachometer at tech. inspection.

Class 9: Super Street Semi

Weight: 20,000 lbs. Maximum

1. The class is open to three axle truck tractors with tandem drive axles. Driving steer axle not allowed. Trucks are to maintain a ‘street ready’ appearance. Vehicle license and inspection are not required.
2. The weight of the driver and vehicle not to exceed 22,000 lbs. Trucks may be split weighed at events that do not have a scale long enough to weigh the whole truck at once. If one truck in the class needs to be split weighed due to its length, all trucks in the class will be split weighed. When split weighing, the suspension must not be chained and air bags must all have the same pressure in them at the time the truck is weighed. In the case of a solid rear axle suspension, the air pressure in the front drive air bags must remain the same when weighing the front and rear of the truck. A 1% variation in the weight of each truck will be used when split weighing.
3. Trucks with air ride suspension must be equipped with chains or some type of limiting device on both drive axles to prevent the height of the frame from changing during the pull. Limiting device must not have any ‘give’ built in. Solid rear drive axle suspension permitted, however front drive must be

chained or limited. Chains or limiting devices must be tight (no slack) when the hitch is measured. Four short chains or cables from the side of the frame down to the axle housings is recommended. No chains and binders going up and over the frame rails allowed. Maximum air pressure in the suspension airbags **must** be limited to 80psi by installing an air pressure regulator in the leveling valve supply line. An air pressure gauge mounted at the regulator in a visible position must be present to check air pressure. This is done to prevent breakage of the suspension limiting device or failure of the airbags due to an over pressure condition. Breakage or failure of a chain or limiting device while hooked to the sled will be cause for disqualification.

4. Puller must supply their own hitching device. Hitches must pull from a standard fifth wheel. Center of fifth wheel must be located in a position between the center of the front drive axle and the center point between the drive axles. There must be a minimum of 66" of unobstructed area from the center of the fifth wheel forward to the first obstruction (cab, sleeper toolbox, headache rack etc.). Hitch cannot be longer than 7 feet measured from center of rear axle to hook point. Hitch must have an adjustment range from 20" down to 16" with suspension in the 'pull ready' position. Hook point must have a 3.5" hole. Hitch height will be measured with suspension inflated and chains or limiting devices tight.
5. Extra ballast weight is permitted. Weights or brackets cannot interfere with hooking the sled to the hitch. Weights or brackets cannot extend more than 51" rearward past the center of the rear drive axle. Weights on front of truck cannot extend more than 24" forward of the stock forward most point.
6. Engine must be a make and model that was commercially available in a class 8 truck. Internal modifications to increase the displacement are permitted. Fuel system must retain the original brand/style fuel pump housing, and the fuel system must be of the same type as originally equipped. No fuel pump can be modified with Sigma parts. No Cyclone pumps. In the case of an electronic engine, the original style ECM must be used. A single turbocharger is permitted with a maximum intake wheel inducer size of 4.100". Turbo size will be checked using a 4.200" plug. Turbo **cannot** be bushed down from a larger size. No oval shaped inducer bores. Compressor wheel must extend into the inducer bore and cover the map groove. Factory style map width-enhancement groove is permitted; no other means for air to get to the compressor wheel are permitted.
7. Water only injection is permitted. No ether, methanol, propane or any other flammables or combustion enhancers are allowed in any form. Commercially available diesel fuel is the only fuel allowed.
8. Truck must be equipped with a SFI approved clutch/flywheel assembly. Engine bell housing must be shielded 360 degrees with any one of the following: a SFI approved shield; SFI approved scatter blanket(s) securely fastened and overlapped at least 6".
9. One scatter shield must be on all universal joints beyond the rear of the transmission. Scatter shield must be of a solid construction, 5/16" thick steel minimum and be able to contain debris or direct debris toward the ground. Scatter shields not required on the interaxle driveshaft provided the top of the frame between the rears is securely covered with minimum 1/8" aluminum or steel. One drive shaft loop must be installed on any drive shaft over 36 inches long including those with a carrier bearing. Driveshaft loop should be near the center of the shaft and be capable of keeping the shaft from coming out of the vehicle in the event of breakage.

10. A minimum of one 4" diameter clear light must be on the rear of the truck, must be activated by transmission when shifted into neutral. Truck must be equipped with a transmission activated neutral start switch or a clutch switch so that the starter will not engage unless the transmission is in neutral or the clutch is fully depressed.
11. Working rear wheel brakes are required on both drive axles. Parking brake chambers are required on at least one drive axle.
12. Exhaust must discharge vertically, turnout style pipes allowed. No through the hood exhaust stacks. Two minimum 3/8" diameter bolts must be installed in the exhaust pipe after the turbo at a 90 degree angle, within 1 inch of each other.
13. An emergency engine air shut off is required. Shutoff must be capable of being operated from the driver's seat. A 2" diameter ring must be at the rear of the truck to operate the shutoff from the sled. Ring must be as close to center of the truck as possible.
14. Engine driven cooling fans must have fiberglass blades, metal blades not allowed. Fan must be inside a shroud.
15. Engine and radiator must be in the original OEM location.
16. Truck must be equipped with a master electrical disconnect switch mounted near the driver's side door steps and easily accessible to someone on the ground.