

HUNTERDON COUNTY 4-H & AGRICULTURAL FAIR TRUCK RULES

Wednesday, August 20, 2025

Registration 4:00pm

Drivers Meeting 5:15pm

Late registration will not be accepted.

To register: email cooperfarmsllc@gmail.com

ABSOLUTLEY NO HITCH SHARING

The classes for the event are as follows:

Class 1	Street Stock Gas
Class 2	Work Stock Diesel
Class 3	Wild Street
Class 4	Pro Street Diesel
Class 5	Pro Stock Gas

Street Stock Gas

Weight: 7500. Weight is with the driver.

1. Ballast:

- ❖ Ballast is permitted within the body of the truck and must be secured properly.
- ❖ Hanging weights are prohibited, no front weights or weight boxes allowed.
- ❖ No weights allowed in the cab. Snowplow frames and brush guards are allowed.
- ❖ No home made bumpers. Must have stock appearing on the front bumper.
- ❖ Competitors must be ready and able to show any added weight as being secure to tech officials.
- ❖ Refusal or omission to show added weight will result in disqualification or ineligibility for competition.

2. Batteries:

- ❖ The batteries must be securely mounted.
- ❖ They may not be located in the driver compartment or forward of the radiator core support.

3. Body:

- ❖ The body must be the OEM truck body, including the full bed floor– tailgate or net required. The body must retain full sheet metal.
- ❖ Fiberglass hoods permitted.
- ❖ The hood must be closed and securely latched while the vehicle is hooked to the sled.
- ❖ Flatbed or home-made beds are allowed, but must cover tires and be stock length.
- ❖ Must have rear bumper or roll pan.

- ❖ Cut rear bumpers are prohibited.

4. Brakes:

- ❖ Four-wheel hydraulic brakes are mandatory.

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. Credentials:

- ❖ All drivers must have a valid state driver's license.
- ❖ Current DOT or DMV registration, inspection, and insurance card required.
- ❖ Trucks must be street legal.
- ❖ NO DEALER TAGS.
- ❖ Vehicle must be in the same physical condition as at the time inspected for highway use. All info will be required at event registration & will be checked.

8. Driveline:

- ❖ An OEM transmission and transfer case are mandatory.
- ❖ They must have been an option on a one-ton or smaller pickup.

9. Driver Restraint System:

- ❖ The OEM restraint system is mandatory and must be worn.
- ❖ Helmets are required and must be strapped.

10. Driveshaft Loops:

- ❖ Drive shaft loops are mandatory.
- ❖ Chains are acceptable

11. Engine:

- ❖ The engine block and cylinder heads must have been available as a factory option on a one-ton or smaller pickup truck.
- ❖ Engine and Transmissions can be interchanged between brands (Dodge, Ford and GM) Blocks must circulate coolant freely.
- ❖ There will be no limit on RPM.
- ❖ Aftermarket intake manifolds are allowed and one single four barrel carburetor (or smaller). Air cleaner is required.

12. Exhaust:

- ❖ No open exhaust permitted.
- ❖ Cat-back aftermarket exhaust systems are permitted.
- ❖ Mufflers are required and headers are allowed.
- ❖ No down discharge of exhaust toward the ground allowed.

13. Fire Extinguisher System:

- ❖ A fire extinguisher system is permitted.
- ❖ It must be securely mounted and within driver's reach.

14. Firewall:

- ❖ The complete OEM firewall is mandatory.

15. Floor:

- ❖ The complete OEM floor pan is mandatory.

16. Fuel:

- ❖ The fuel must be pump gas only.
- ❖ No alcohol nitro or race gas allowed.
- ❖ Fuel Injection: Factory fuel injection or throttle body system allowed.

17. Hitch:

- ❖ Hitch must be a receiver-style OEM factory designed towing hitch or standard factory bumper hitch.
- ❖ No special pulling hitches or modified receivers- no bracing.
- ❖ Hooking point must be the rear-most of the vehicle and must be rearward of the stock location of the tailgate.
- ❖ Hitch must be horizontal to the ground and stationary in all directions.
- ❖ Hitch Height from ground may not exceed 26 inches.
- ❖ Hooking point must have a minimum 3 inch wide by 3-3/4 inch long inside opening for the sled to hook.
- ❖ NO CLEVISES.
- ❖ No Vertical Hitches.
- ❖ The hitch / hook point must be in place at scale weigh-in.

18. Lighting:

Vehicle must have at least one functioning reverse light viewable by hook attendant.

19. Nitrous Oxide:

- ❖ Nitrous oxide is prohibited.
- ❖ No other oxygen extenders are allowed.
- ❖ All system components must be removed from the truck.

20. Rear End:

- ❖ Non-OEM rear-end housings are prohibited.
- ❖ It must have been an option on a one-ton or smaller pick up.

21. 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.
- ❖ 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. Suspension, Rear:

- ❖ An OEM-Style suspension is mandatory.
- ❖ Lowering or raising the vehicle height with suspension modifications is permitted.
- ❖ Traction bars and devices are permitted.
- ❖ They must be bolt-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.
- ❖ The rear suspension must maintain a MINIMUM compression shock TRAVEL of ONE INCH. Stops may be adjustable.
- ❖ All rear suspensions must use at least one working shock absorber per wheel.
- ❖ Air bag spring assistance is permitted; airbag compressors must be disconnected, no in-cab controls.

23. Tires:

- ❖ The tires must be DOT street tires.
- ❖ Cut tires are prohibited.
- ❖ Grooved, bar or tractor type tread is also prohibited.
- ❖ Trucks using dual rear wheels: Limited to Max. width of 8" tread per tire.

24. Transfer Case:

- ❖ Non-OEM transfer cases are prohibited.
- ❖ The transfer case must have been an option on a one- ton or smaller pickup truck.

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.

26. Transmission, Manual:

- ❖ Non-OEM transmissions are prohibited.
- ❖ Aftermarket internal components are permitted.
- ❖ All manual transmissions must be clutch assisted.
- ❖ Sequential shifters are prohibited.

27. Wheelbase:

- ❖ The vehicle must retain the original factory wheelbase and track width.
- ❖ Rear dual wheels are allowed.

Work Stock Diesel Truck Rules

Weight : 8500 lb weight with driver

Trucks must be street legal. Current DOT or DMV Registration, Inspection, and Insurance Card Required. Vehicle must be in the same physical condition as at time of inspection for highway use. The vehicle may be two or four wheel drive.

1. Ballast:

- ❖ Ballast is permitted within the body of the truck and must be secured properly.
- ❖ Hanging weights are prohibited.
- ❖ No front weights or weight boxes allowed.
- ❖ No weights are allowed in the cab.
- ❖ Snow Plow frames and brush guards are allowed.

2. Batteries:

- ❖ The batteries must be securely mounted.
- ❖ They may not be located in the driver compartment or forward of the radiator core support.

3. Body:

- ❖ Must retain full steel OEM truck body.
- ❖ The body must retain full sheet metal.
- ❖ Metal after-market 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 OEM floor pan is mandatory.

4. Chassis:

- ❖ OEM chassis is mandatory.
- ❖ The engine must be in the OEM location for the body used.
- ❖ The body must retain the full OEM chassis.
- ❖ Wheel tubs, back-half conversions, tube chassis, etc. are prohibited.

5. Cooling System:

- ❖ Radiators must be in the stock location and be of at least stock size.

6. Credentials:

- ❖ All drivers must have a valid state driver's license.

7. Driver Restraint System:

- ❖ The OEM restrain system is mandatory and must be worn

8. Driveline:

- ❖ Must retain OEM driveline.
- ❖ Driveshaft hoops are required.
- ❖ Chains are acceptable.

9. Engine:

- ❖ The engine is limited to a stock-appearing, OEM specific compression ignition engine.
- ❖ Nitrous Oxide is prohibited along with other oxygen extenders as well as the use of propane.
- ❖ All system components must be removed from the truck.

10. Injectables:

- ❖ No compressed injectables.

11. Exhaust:

- ❖ The exhaust must exit rear-ward of the drivers compartments.
- ❖ No hood stacks

12. Fire Extinguisher system:

- ❖ Fire extinguisher is permitted and must be securely fastened.

13. Fuel & Fuel System:

- ❖ The fuel must be #1 or #2 diesel only.
- ❖ Soy/Biodiesel is permitted.
- ❖ The OEM fuel tank is mandatory and must be used.
- ❖ Racing fuel cells are prohibited and must be removed from the vehicle.

14. Fuel Injection Pump:

- ❖ The fuel injection pump is limited to a stock appearing.
- ❖ The use of multiple high pressure common rail fuel pumps is prohibited.
PowerStroke engines with a single factory turbo may utilize a second HPOP.
- ❖ Pumps from different years in the same engine model may be interchanged.

15. Hitch:

- ❖ The hitch must be a receiver style hitch; reinforcements are permitted.
- ❖ Reinforcements must not extend forward of the centerline of the rear axle.
- ❖ Trick hitches are prohibited.
- ❖ The hooking point must be the rear most point on the vehicle and must be rearward of the stock location of the tailgate.
- ❖ The hitch must be horizontal to the ground and stationary in all directions.
- ❖ Bumpers may not be notched or removed.
- ❖ The hitch's height from the ground may not exceed 26 inches.

- ❖ The hooking point must have a minimum 3" wide x 33/4" length inside diameter opening for the sled hook.
- ❖ NO CLEVISES.
- ❖ No vertical hitches.
- ❖ The hitch/hook point must be in place at scale.

16. Intercooler:

- ❖ Retain factory style intercooler.

17. Rear End:

- ❖ Non-OEM rear end housings are prohibited.

18. Steering:

- ❖ The vehicle must retain the full original OEM steering gear.

19. Street equipment:

- ❖ Complete headlight and taillight assemblies are mandatory and must be operative. Complete OEM windshield and windows are mandatory.
- ❖ The upper mounting point for the strut assemblies must be in the factory location. Adjustable caster/camber pillow ball mounts are permitted.
- ❖ The lower control arm may be strengthened providing factory-mounting points 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.

20. Lighting:

- ❖ Vehicle must have at least one functioning reverse light viewable by hook attendant.

21. Rear End:

- ❖ Non- OEM rear-end housings are prohibited.
- ❖ It must have been an option on a one-ton or smaller pick up.

22. 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.
- ❖ The lower mounting point for 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.

23. Suspension, Rear:

- ❖ An OEM- style suspension is mandatory.
- ❖ Lowering or raising the vehicle height with suspension modifications is permitted.
- ❖ Traction bars and devices are permitted.
- ❖ They must be bolt-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.
- ❖ The rear suspension must maintain a MINIMUM compression shock TRAVEL of ONE INCH. Stops may be adjustable.
- ❖ All rear suspensions must use at least one working shock absorber per wheel.
- ❖ Air bag spring assistance is not permitted; airbag compressors must be disconnected, no in-cab controls.

24. Tires:

- ❖ The tire must be DOT street tires.
- ❖ Cut tires are prohibited.
- ❖ Grooved, bar or tractor type tread is also prohibited.
- ❖ Trucks using dual rear tires: Limited to Max width of 8" tread per tire.

25. Transfer Cases:

- ❖ Non-OEM transfer cases are prohibited.
- ❖ The transfer case must have been an option on a one-ton or smaller pickup truck.

26. Transmission, Automatic:

- ❖ Non-OEM transmission is 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.

27. Transmission Manual:

- ❖ Non-OEM transmission is prohibited.
- ❖ Aftermarket internal components are permitted.
- ❖ All manual transmission must be clutch assist.
- ❖ Sequential shifters are prohibited.

28. Turbocharger:

- ❖ Limited to 100% factory stock.
- ❖ No modifying of turbos.
- ❖ Turbochargers from different years in the same make may be interchanged.
- ❖ Power stroke engines may utilize the factory twin-turbo configuration.

29. Water Injection:

- ❖ Water injection is prohibited.
- ❖ All system components must be removed from the truck.

30. Wheelbase:

- ❖ The vehicle must retain the original factory wheelbase and track width.
- ❖ Rear dual wheels are allowed.

Wild Street

Weight: 8500lb

Trucks must be street legal and all truck must have a 90 degree elbow facing up on the exhaust

1. OEM:

- ❖ Restraint system is mandatory and must be worn.
- ❖ Helmets are Mandatory. 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 the 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 a full OEM truck body.

- ❖ Aftermarket hoods permitted.
- ❖ Aftermarket (ranch hand, roll pans, or other) bumpers permitted.
- ❖ Snow plow mounts permitted; snow plow 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, dropbox, and/or reverser are prohibited.
- ❖ Driveline components may be swapped between manufacturers.
- ❖ Driveshaft size and material may be upgraded.
- ❖ Drive shaft loops will be mandatory.

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 at 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/rollpan.
 - ❖ 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.
8. Compressed injectables (nitrous, propane, etc.) are prohibited.
9. Exhaust MUST point upwards.
- ❖ HOOD STACKS PROHIBITED. NO EXCEPTIONS.
 - ❖ If exhaust is exiting under the bed side, must have turn up tip to point exhaust upwards. (MUST be a 90 degree elbow stick straight up at least 12-inches minimum)
 - ❖ 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) $\frac{3}{8}$ (Grade 5) bolts in horizontal portion of the exhaust pipe as close to the turbo exhaust wheel as possible.
 - ❖ Bolts to be installed 90 degrees to each other within one inch of each other. (Bone stock turbos do not) (No smoke, does not need an upward exhaust)
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 located in front of radiator.
 - ❖ Factory water to air intercoolers are permitted.
 - ❖ Aftermarket water to air intercoolers are prohibited.
12. Engine must circulate coolant freely.
- ❖ Radiator must be located 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 size is permitted.

17. Air Filter MUST be removed before pulling (Incase a motor runs away we can have access to the turbo)

18. Tech's discretion on safety equipment. (If needing more safety, or not safe to pull) 2.6

Pro Street Diesel

Weight: 8000 lbs

OEM Chassis is mandatory. The vehicle must retain the full OEM chassis. Wheel tubs, back half conversions and tube chassis are prohibited. Lengthening of the frame allowed up to 158". Longer trucks (158"-172") must maintain OEM measurements for the body being used.

1. The body must be an OEM truck body including the full bed floor.

- ❖ No flatbeds permitted.
- ❖ The body must retain the full sheet metal.
- ❖ Aftermarket hoods permitted.
- ❖ The hood must be closed and securely latched when hooked to sled.

2. Maximum cubic inch 460.

- ❖ Engine must be in OEM locations for the body used.
- ❖ No aftermarket blocks permitted.
- ❖ Engine must have 3/8 cable surrounding #1 and #2 cylinders and must pass through the manifolds. 2 cables at splice with 4-6 inches of slack.

3. Cylinder head must be an OEM or OEM replica for the brand of engine.

- ❖ Outside of the cylinder head must measure factory width and length.
- ❖ No billet heads of any material.
- ❖ Head must retain factory OEM valve angle.
- ❖ No deck plates permitted.
- ❖ Side draft and aftermarket intake manifolds are allowed.

4. Hook point to be no closer than 44" of centerline of rear axle.

- ❖ Maximum hitch height of 24" with a minimum of 3.75"x3" opening.
- ❖ Hitch must be stationary in all directions.
- ❖ Hitch must be frame mounted.
- ❖ The use of Reese style hitches is prohibited.
- ❖ Hitch must be the centerline of the rear axle or behind.
- ❖ Hitch must not exceed 25 degree angle from pivot point to hook point.
- ❖ No hitch supports or adjusters fastened to rear axle housing shall be above the center point of the rear axle.

- ❖ Pivot pin of the drawbar can be no further forward than the centerline of the rear axle.
5. Turbo is limited to a 2.6" inducer bore.
- ❖ No MAP Width Enhancement groove (MWE) allowed.
 - ❖ Compressor wheel must protrude into 2.6" bore for 1/8".
6. All vehicles must be equipped with upward pointing exhaust located either directly behind the cab or out of truck hood.
- ❖ Two 3/8 inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other and within 12 inches of the turbo.
7. Front hanging weights are allowed, not to exceed 60 inches forward from the centerline of the front axle.
- ❖ Ballast may be added in the bed of the truck but must be securely fastened.
Maximum weight 8000 pounds.
8. All trucks must have at least a six-inch-wide u-joint shield around the rear u-joint constructed of at least 5/16-inch steel or 3/8 aluminum that will safely contain the u-joint and the end of the driveshaft.
- ❖ All shields must be securely mounted to the vehicle.
 - ❖ Any front shaft u-joints that can be visibly seen from the side of the truck must be shielded to contain the u-joint and the end of the driveshaft.
9. A fire extinguisher system is permitted.
- ❖ 2.5# a fire extinguisher must be securely mounted within reach of the driver.
 - ❖ A complete OEM firewall is required.
10. All drivers must have a valid driver license and full SFI fire suit including helmet.
- ❖ Seat Belt/restraint must be worn.
11. The complete OEM floor pan is mandatory.
- ❖ Vehicle must maintain a complete firewall.
 - ❖ Additional gauges and pillar pods are permitted.
12. Hand throttles permitted.
- ❖ Diesel fuel only (See fuels page for specs)
 - ❖ No propane or N02 or any other oxygen enhancers allowed
13. Maximum of one Ppump up to P7100 allowed.
- ❖ 13MM plunger limit. Ag governors permitted.
 - ❖ The use of multiple high pressure common rail fuel pumps is legal.
14. OEM rear and front ends required.
- ❖ Must have come to the factory in a one ton or smaller vehicle.
15. Axle shields are required.
- ❖ Shield to be .060" thickness steel or aluminum.
 - ❖ A hole may be cut in one shield to allow operation of hub lock.
16. Safety switches (rain cap or guillotine) must shut off air to diesel engines.
- ❖ Switch will be securely mounted to the back of the vehicle.
 - ❖ A 2 inch or bigger solid ring must be attached to the end of the switch.
 - ❖ Ring must be zip tied to the switch bracket.

- ❖ Switch must also be able to be activated in the cab while the driver is secured in the vehicle.

17. Hydraulic steering permitted

18. 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 bolted on only.
- ❖ Welds permitted for attachment to frame and axle only.
- ❖ Blocked suspension permitted.
- ❖ No air bags.
- ❖ Rear suspension may be made solid.

19. Suspension, Rear; OEM style is mandatory.

- ❖ Lowering or raising the vehicle with suspension modifications is permitted.
- ❖ Traction bars and devices are permitted.
- ❖ They must be bolt-on-only: welds are permitted for attachments to frame or axle housing.
- ❖ All OEM suspension mounting points must be retained and used.
- ❖ Sway bars, limit stapes, and camber kits are permitted.
- ❖ The rear suspension must maintain a minimum compression shock travel of one inch compression.
- ❖ Stops may be adjustable.
- ❖ All rear suspensions must use at least one working shock absorber per wheel.
- ❖ Airbag spring assistance is permitted; airbag compressors must be disconnected, no in cab controls.

20. Tires: The tire must be DOT street tires.

- ❖ Cut tires are prohibited.
- ❖ Grooved, bar or tractor type tread is also prohibited.
- ❖ Trucks using dual rear tires: Limited to Max width of 8" tread per tire.

21. Transfer Cases: Non- OEM transfer cases are prohibited.

- ❖ The transfer case must have been an option on a one-ton or smaller pickup.

22. Transmission, Automatic: Non-OEM transmissions are prohibited.

- ❖ 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 is permitted; it must be appropriately labeled as meeting SPI Spec 4/1 and it must extend from the rear of the block to the front of the tail housing with a minimum of six inch overlap where fastened.
- ❖ All non-blanket type shields must incorporate two (or one, per manufacturer's instructions) $\frac{3}{4}$ inch by $\frac{1}{8}$ inch straps that bolt the shield on each side and pass

under the transmission pan unless the transmission pan is labeled as meet SFI Spec 4.1

- ❖ All vehicles with engines running 4500 RPM or more and using automatic transmission must be equipped with a flex meeting SFI Spec 29.1 and be covered by a flex plate shield meeting SFI Spec 30.1

23. Transmission, Manual; Non- OEM transmission are prohibited.

- ❖ A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles with engines running 4500 RPM or more.
- ❖ All manual transmission must be clutch assisted.
- ❖ Sequential shifters are prohibited.
- ❖ All vehicles with engines running 4500 RPM or more 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 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.

24. Dual wheels are prohibited.

25. OEM transmission and transfer case must be used. Must have come to the factory in a one ton or smaller vehicle.

26. Non-OEM transmissions prohibited. Aftermarket torque convertors, valve bodies, and internal components are permitted.

27. SFI bell housing and/or SFI blow proof bell housing or SFI blanket type shield must be used.

28. Water injection is prohibited.

29. Air to air intercooler only. No ice or water permitted trucks during competition.

Pro Stock Gas Rules

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

Suspension/Drivetrain

1. No larger than 1 ton driveline
2. OEM Frame rail only
3. Wheelbase may not exceed 136 inches. Anything over the limit must be

the factory wheelbase measurement for the body being used.

4. Suspension may be blocked or solid
5. 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% wheel base
3. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening
4. No part of the hitch can exceed further forward than the centerline of the rear axle. Hitch must be 33 degrees or less parallel to the ground.
5. Tab must be welded at center of rear end to assist in measuring percentage of wheel base to hook point.

Tires

1. Must be DOT approved 35x12.5 MAX
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. 6300 Pounds MAX
2. Hanging 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
2. A Manual Battery Disconnect easily accessible and clearly marked is required.

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. All vehicles must be equipped with upward pointing exhaust out of truck hood, or run under the fender / Downward.

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 and fire suit, leather shoes/boots.