

6200 Cheater Stock Truck Rules

For 2016

Weight class is 6200 pounds. No weight brackets or hanging weights allowed on front of vehicles. Weights must be in cab or bed only and securely fastened or contained safely therein. No weights allowed under hood or in the wheel wells. No weights may be suspended under the body/chassis or behind panels/parts. No dual wheels, studded tires, tire chains, or any tire not specifically intended for street use are permitted. All tires must carry a D.O.T. number on the side wall, D.O.T. number must be easily read from the outside of the tire. No cut, altered, or sharpened tires. Front bumpers must be unaltered factory stock. No weighted front devices are permitted – this includes but is not limited to: homemade bumpers, brush guards, and winches. Lower brackets (only) for snow plow frames are permitted so long as no modifications that would add weight are determined. An unaltered decorative brush guard may be permitted at the option of the head official. A truck is permitted to compete without a front bumper. The hitch point will be from a “Reese type” hitch or drawbar with the point of attachment to the truck’s frame behind the pumpkin of the rear end. Hitch point may not be more than 24” from ground. No angled, lever, pivot, axis or other types of ‘trick’ hitches are allowed and the hitch must be stationary in all directions. The hitch point from center of axle must be no shorter than 36” on regular cab trucks and 48” on extended and 4-door cab trucks. Shortening of the bed in order to shorten the hook point is not permitted. Traction bars are allowed.

Gasoline is the only fuel permitted. No aluminum engine blocks are permitted unless O.E.M. Absolutely no alcohol, nitrous oxide or other oxygen extenders. Turbo-Blue and CAM-2 are permitted. Headers are approved but all exhaust must run through a muffler system. No superchargers or turbochargers permitted. Swaps between manufacturers are not permitted. No solid suspensions are permitted. Must have stock suspension one ton or below. Blocks are allowed between axle housing and truck frame. Lift kits are acceptable. Truck must be stock in appearance. Floor in bed must be solid. The wheelbase may not be changed. Wooden flatbeds are permitted. Transmission & transfer case must be O.E.M. and available in one ton (or smaller) pick-up trucks. U-joint shields, driveshaft loops, and kill switch recommended.

Drivers are urged to wear a seatbelt or shoulder harness and a motor sport type helmet when hooked to the sled. Race seats with 5-point harness allowed. Passengers are not permitted in the truck unless first-time puller — limit 3 times.

Tractor & Truck pullers hitch opening size requirements: 3 ¾ inch front to back and 3 inch side to side.

Safety Rules

Must have loops on all drive shafts and U-joint shields. 3 on rear and 2 on front.

A working kill switch. Kill switch must be accessible to sled in plain view of sight. Kill switch must shut off fuel pump.

Must have Neutral safety “white” light visible by sled operator.

Must have fire extinguisher within hand reach.

Blow proof bell housing or blanket and flywheel shields are insurance required.

Must wear a helmet.

NO HOT RODDING IN PIT AREAS.

Driver use of a race seat with five point harness recommended.

2015-2020 6500lb "OPEN" 4x4 gas (only)

1. Flatbeds allowed. Fender cut outs allowed. (No inner fenders needed).
2. ".The wheelbase may not be changed from original manufacturer. Multiple shocks, block or solid suspension, and traction bars are allowed.
3. Must have windshield and rear window, glass or Plexiglas. Vehicle may not be stripped beyond safe operating condition -hoods, fenders, and doors.
4. Must have brakes. Must be able to skid 2 tires.
5. Engine must be in stock location, or no less than 14" from center offront axle to the front ofthe bell housing
6. Any ignition except magneto allowed.
7. After market radiators allowed. 11 Elec11'ic fuel pumps allowed.

1. Scatter shield required. No safety blankets, no 114'plate steel shield allowed.
2. All safety equipment required -loops, scatter shield, rear axle covers, and kill switch. All kill switches must shut offignition and fuel pump.
3. Weight added to front ofvehicle may not exceed 60" from center offront axle.
4. Adjustable hitch allowed. Height 26" maximum measured at point ofhook. No chain hooks. Hitch height checked with weights on.
5. Hitches must be rigid in all directions. Draw bar to be minimum of27% oftruck wheel base from center ofrear axle to point ofhook and have a clear hook.
6. Oxygenated fuel allowed but not nitrous oxide.
7. Kill switch must be located in the rear center ofthe vehicle (maximum of6" left or right ofcenter, maximum of24" above the point ofhook). Must have 2" steel ring.
8. Any big rear end allowed. No planetary. No aluminum center sections.

2015 – 2020 8000lb 2.6 Diesel Truck

This Diesel class is designed for pickup trucks with a wide variety of performance upgrades. The truck must be 4 wheel drive.

Weight : 8000 lb Maximum, with driver

Regulations:

Ballast:

Ballast is permitted. Front hanging weights are permitted. Front ballast and ballast mounting point must be securely mounted. May not extend more than 60 inches from the centerline of the front axle, and be high enough to clear scale and other pit obstacles. If it hits the scale it must be removed to compete. Ballast may be added to the bed of truck. If used it must be securely fastened to the bed. Final decisions rest with the technical department.

Batteries:

The Batteries must be securely mounted and concealed. They may not be located in the driver compartment.

Body

The body must be the OEM truck body including the full bed floor. The body must retain full sheet metal. Metal aftermarket hoods are permitted. Fiberglass hoods and roll pans only are permitted. All Fiberglass hoods must be shielded on the underneath side with sheet metal or aluminum skin a minimum of .060 thick. The hood must be closed and securely latched while the truck is hooked to the sled. The complete OEM firewall and complete OEM floor pan is mandatory. A factory installed pickup bed or commercial style aftermarket bed must be installed. No flat beds. Must have complete factory bed floor.

Brakes:

Four wheel hydraulic functional brakes are mandatory.

Chassis:

The OEM chassis is mandatory. Front of engine block can be no farther forward than 17" of the centerline of the front axle. The vehicle must retain the OEM chassis. Wheel tubs, back half conversions, tube chassis, etc, are prohibited.

Cooling System:

Radiators must be in stock location and be of at least stock size

Credentials:

All drivers must have a valid state drivers license.

Driveline:

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

Driver Restraint System:

The OEM restraint system or **SFI APPROVED 5 point harness** is mandatory and must be worn.

Driveshaft Loops:

All trucks must have at least six (6) inch wide u-joint shields around all u-joints on rear drive shaft constructed of at least ¼ steel or 3/8 aluminum that will safely contain the u-joints and the ends of drive shafts. Any u-joint on the front axle that can be seen from front or side of truck must be shielded the same as all other u-joints. All shields must be securely mounted to the vehicle. **EVERYONE MUST HAVE ALL SAFETY EQUIPMENT for EVERY PULL!! **NO EXCEPTIONS****

Engine:

The engine block must have been available as a factory option on a one ton or smaller pickup truck. Cubic Inch limit of **460 CI**. Water pumps may be factory or electric powered. Electric cooling fans are permitted. No billet aluminum or billet steel heads. Head and radiator must circulate coolant. Head and radiator must have coolant circulate through it. **NO DECK PLATE ENGINES PERMITTED**

Exhaust:

All vehicles must be equipped to direct exhaust upward. The exhaust must exit rearward of the driver's compartment or through the hood. Stacks exiting through the fender well is prohibited. Two (2) 3/8 inch diameter bolts must be installed through exhaust pipe in a cross pattern within one (1) inch of each other and as close to the turbo as possible. This will be teched. Bolt heads welded to the pipe or sheet metal screws to mimic this will be grounds for disqualification.

Fire Extinguisher System:

A fire extinguisher system is permitted, it must be securely mounted All vehicles must have at least a 2 ½ lb extinguisher with working gauge mounted within drivers reach.

Fuel:

The fuel must be pump #1, #2 diesel or Soy/Biodiesel. Fuel must be commercially available. A fuel cell may be used in place of the factory fuel tank. **Fuel is not permitted in the driver's compartment.**

Fuel Injection Pump:

The fuel injection pump is limited to cylinder number specific (I.e. 6 cylinder pump on a 6 cylinder motor). Dual high pressure common rail fuel pumps or HPOPs are permitted. Ag governors are allowed. No Sigma or 12 cylinder pumps allowed.

Harmonic Balancer:

All engines turning more than 4500 RPM must be equipped with a harmonic balancer or dampener meeting SFI Spec 18.1.

Hitch:

Hook point must be no closer than 44” inches of centerline of rear axle, hitch height maximum of 26” inches, with a minimum of a 3.75”x 3.0” opening. Hitch point must be easily accessed. No “trick” type hitches permitted. Hitch must be stationary in all directions. Hitch must be frame mounted. Hitch must be mounted centerline of rear axle or behind. Hitch must not exceed a maximum of 25 degree angle from pivot point to hook point.

Intercoolers:

Factory style or aftermarket intercoolers are allowed. Water to air intercoolers allowed. Ice and water must be weighed at the time of crossing the scales.

Interior:

A complete interior, including dashboard, door panels, headliner, etc. is mandatory. Aftermarket seats are permitted, they must be fully upholstered. The use of hand -throttles are **permitted**.

Kill Switches:

All trucks are required to have kill switch located on the back of the truck, located near the hooking point. On trucks with an electric injection fuel pumps it must have an electric shut off or disconnect for the injection pump on the back of the truck For trucks with manual injection pumps they must have an air guillotine of the spring loaded type, no butterfly type to kill the air intake to the engine. It is recommended to have an air shut off on all trucks. Kill switch failure will result in disqualification.

Nitrous Oxide/Propane:

Nitrous Oxide is prohibited. No other oxygen extenders are allowed. Propane is prohibited. All system components must be removed from the truck.

Rear End:

Non OEM rear-end housings are prohibited. The rear end housings must have been for a one ton or smaller pickup pick up. Rear axle bolts must be covered with a cap or shield.

Safety Equipment:

All drivers must wear a helmet, and a SFI 3.2a approved fire jacket and long pants, not necessarily fire suit pants. More specifics posted in general rules.

Steering:

The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power assistance, if it was so equipped. Additional stabilizers are permitted. Non OEM power assist methods are prohibited. **Hydraulic steering permitted.**

Street Equipment:

Complete headlight and taillights assemblies are mandatory and must be operative, except the right front headlight may be removed for air inlet to engine. Complete OEM windshield and all other windows are mandatory. **Driver** windows must be able to operate per factory specifications. They must open and close via electrical or mechanical means.

Suspension - Front:

The factory suspension configuration must be retained. Modifications to the front suspension that would alter the original location (I.e. moving it forward or backward) is not permitted. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted. Air shocks are prohibited.

Suspension - Rear:

An OEM style suspension is mandatory. Traction bars and devices are permitted, they must be bolt on only, welds are permitted for attachment to the frame or axle housing. Traction bars if installed must have a chain or cable or some type of safety device mounted one (1) foot from the front support to catch the bar in case of failure. Control arms may be strengthened or replaced, providing all original mounting points are retained and used. Sway bars, lower tie bars, limit straps, and camber kits are permitted. The rear suspension may be solid with a removable block. Air bag spring assist and air shocks are prohibited.

Tires:

The tires must be DOT street tires. Cut tires are prohibited.

Transfer Case:

Non - OEM transfer cases are prohibited. It must have been an option on a one ton or smaller pick up truck.

Transmission - Automatic:

Non - OEM transmissions are prohibited. The transmission must have been an option for a one ton or smaller truck. Aftermarket torque converters, valve bodies and internal components are permitted. Transmission brakes are prohibited. Any non -OEM floor mounted automatic shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse. A functional neutral safety switch is mandatory. Vehicle must not start in gear. All transmission lines must be metallic or high pressure type hose. All automatic transmissions must be equipped with a transmission shield meeting SFI Spec 4.1 and must be labeled accordingly. A blanket type shield must be used and appropriately labeled as meeting SFI Spec 4.1 and it must extend from the rear of the engine block to the rear of the tail housing with a minimum of six (6) inch overlap where it is fastened. All vehicles using an automatic transmission must be equipped with a flex plate meeting SFI Spec 29.1.

Transmission - Manual:

Non - OEM transmissions are prohibited. The transmission must have been an option on a one ton or smaller truck. Aftermarket internal components are permitted. A clutch meeting minimum SFI Spec 1.1 or 2.1 is mandatory on all engines. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All transmissions 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 rear of the engine block and extend rearward to the transmission with a minimum of six (6) inch overlap where it is fastened. All transmissions or clutch pedals will have a safety interlock switch so that vehicle will not start in gear.

Turbocharger:

The vehicle is limited to a 2.6 inducer bore single turbocharger. The compressor wheel must protrude into into a 2.6" bore for 1/8". The inlet will be measured using a 2.605" inch plug; the plug must not be able to enter the inducer bore. A stock map width enhancement (MWE) groove is allowed. No MWE groove will be allowed that has a width greater than .200". All provisions allowing air into the wheel other than via bore and the MWE groove are prohibited. The vehicle driver will be responsible for making compressor wheel accessible for tech personnel to measure bore and able to inspect compressor wheel.

Water Injection:

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

Wheelbase:

The vehicle must retain the original factory wheel base and track width. Cab and chassis trucks may not exceed 172 inch center to center of axles. Front dual-wheel spacers may be used only with accompanying positive-offset dually style wheels.

2015-2020 2.5 Diesel Truck – 4x4

This Diesel class is designed for pickup trucks with a wide variety of performance upgrades. The truck must be 4 wheel drive.

Weight : 8000 lb Maximum, with driver

Regulations:

Ballast:

Hanging front weights are permitted. If used, ballast must be securely fastened. Weight or weight bracket must not extend more than 60 inches from the center line of the axel. Weight boxes are prohibited. Final decisions rest with the technical department. Weights and brackets must be removable by hand.

Batteries:

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

Body:

The body must be the OEM truck body including the full bed floor. The body must retain full sheet metal. The complete OEM firewall and complete OEM floor pan is mandatory. A factory installed pickup bed or commercial style aftermarket bed must be installed. No flat beds are permitted.

Brakes:

Four wheel hydraulic functional brakes are mandatory. Fully functional factory 4-wheel

Chassis:

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

Cooling System:

Radiators must be in stock location and be of at least stock size

Credentials:

All drivers must have a valid state drivers license.

Driveline:

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

Driver Restraint System:

The OEM restraint system or **SFI 5 point harness** is mandatory and must be worn.

Driveshaft Loops:

All trucks must have at least six (6) inch wide u-joint shields around all u-joints on rear drive shaft constructed of at least ¼ steel or 3/8 aluminum that will safely contain the u-joints and the ends of drive shafts. Any u-joint on the front axle that can be seen from front or side of truck must be shielded the same as all other u-joints. All shields must be securely mounted to the vehicle. A new puller may be granted a one time waiver.

Engine:

The engine is limited to a stock appearing, OEM compression engine, available from the factory in a one ton or smaller truck. Cubic Inch limit of 444CI. Block must circulate coolant freely. No hard filled blocks. Water pumps may be factory or electric powered. All factory belt driven accessories, excluding the air conditioning compressor, must be retained and powered via the crankshaft by a standard serpentine “V” belt. Electric cooling fans are permitted. No individual runner intake manifolds. (Example: ZZ-customs). Belt driven alternator. No deck plates.

EXAMPLE: NO HAMILTON HEADS FOR THE CUMMINS AND NO BRODIX HEADS FOR THE DURAMAX.

Exhaust:

All vehicles must be equipped to direct exhaust upward. The exhaust must exit rearward of the driver’s compartment. Stacks exiting through the fender well and hood are prohibited. Two (2) 3/8 inch diameter bolts must be installed through exhaust pipe in a cross pattern within one (1) inch of each other and as close to the turbo as possible. This will be teched. Bolt heads welded to the pipe or sheet metal screws to mimic this will be grounds for disqualification.

Fire Extinguisher System:

A fire extinguisher system is permitted, it must be securely mounted All vehicles must have at least a 2 ½ lb extinguisher with working gauge mounted within drivers reach.

Fuel:

The fuel must be pump #1, #2 diesel or Soy/Biodiesel. Fuel must be commercially available. A fuel cell may be used in place of the factory fuel tank, but must be mounted in factory location or securely mounted in bed.

Fuel Injection Pump:

The fuel injection pump is limited to cylinder number specific (I.e. 6 cylinder pump on a 6 cylinder motor). The use of multiple high pressure common rail fuel pumps or HPOPs are permitted. P pumps that are allowed are the p3000 and the p7100. Ag governors are allowed. No Sigma or 12 cylinder pumps allowed.

Harmonic Balancer:

All engines turning more than 4500 RPM must be equipped with a harmonic balancer or dampener meeting SFI Spec 18.1.

Hitch:

The hitch must be a REECE receiver- style hitch. Reinforcements are permitted. Reinforcements must not extend forward of the center line of the rear axle and must remain inside the frame rails. 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. Bumper may be notched or removed. The hitch’s height from the ground may not exceed 24 inches. The hooking point must have a minimum of 3 inch by 3 ¾ inch inside opening for the sled hook. The hooking point must be a minimum of 44 inches from the center of the rear axle, to the end of the hole where the hook touches metal to be pulled from, this is the hooking point.

Intercoolers:

Factory style or aftermarket air to air replacement only in stock location. ****Water to air coolers are prohibited.**** Any means of cooling the air before the engine, except the air to air cooler is prohibited. ****NO USE OF ICE OR WATER****

Interior:

A complete interior, including dashboard and door panels is mandatory. Aftermarket seats are permitted, they must be fully upholstered. The use of hand –throttles is **permitted**. After market gauges are allowed.

Kill Switches:

All trucks are required to have kill switch located on the back of the truck, located near the hooking point. On trucks with an electric injection fuel pumps it must have an electric shut off or disconnect for the injection pump on the back of the truck For trucks with manual injection pumps they must have an air guillotine of the spring loaded type, no butterfly type to kill the air intake to the engine. It is recommended to have an air shut off on all trucks. Kill switch failure will result in disqualification.

Nitrous Oxide/Propane:

Nitrous Oxide is prohibited. No other oxygen extenders are allowed. Propane is prohibited. All system components must be removed from the truck. No pressurized bottles.

Rear End:

Non OEM rear-end housings are prohibited. The rear end housings must have been for a one ton or smaller pickup pick up. Rear axle bolts must be covered with a cap or shield.

Safety Equipment:

All drivers must wear a helmet, and a SFI 3.2a approved fire jacket and long pants, not necessarily fire suit pants. More specifics posted in general rules.

Steering:

The vehicle must retain the full, original OEM, factory steering gear. The vehicle must retain the original OEM power assistance, if it was so equipped. Additional stabilizers are permitted. Non OEM power assist methods are prohibited.

Street Equipment:

Complete headlight and taillights assemblies are mandatory and must be operative, except the right front headlight may be removed for air inlet to engine. Complete OEM windshield and all other windows are mandatory. Driver window must be able to operate per factory specifications. They must open and close via electrical or mechanical means.

Suspension - Front:

The factory suspension configuration must be retained. Modifications to the front suspension that would alter the original location (I.e. moving it forward or backward) is not permitted. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted. Air shocks are prohibited.

Suspension - Rear:

An OEM style suspension is mandatory. Traction bars and devices are permitted, they must be bolt on only, welds are permitted for attachment to the frame or axle housing. Traction bars if installed must have a chain or cable or some type of safety device mounted one (1) foot from the front support to catch the bar in case of failure. Control arms may be strengthened or replaced, providing all original mounting points are retained and used. Sway bars, lower tie bars, limit straps, and camber kits are permitted. The rear suspension can be solid with a removable block. Air bag spring assist and air shocks are prohibited.

Tires:

The tires must be DOT street tires. Cut tires are prohibited. The vehicle must retain the original factory wheelbase and track width. 35 inch max x 12.50. No chains or studs. Single tires. **No Duals.**

Transfer Case:

Non - OEM transfer cases are prohibited. It must have been an option on a one ton or smaller pick up truck.

Transmission - Automatic:

Non - OEM transmissions are prohibited. The transmission must have been an option for a one ton or smaller truck. Aftermarket torque converters, valve bodies and internal components are permitted. Transmission brakes are prohibited. Any non -OEM floor mounted automatic shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put

into reverse. A functional neutral safety switch is mandatory. Vehicle must not start in gear. All transmission lines must be metallic or high pressure type hose. All automatic transmissions must be equipped with a transmission shield meeting SFI Spec 4.1 and must be labeled accordingly. A blanket type shield must be used and appropriately labeled as meeting SFI Spec 4.1 and it must extend from the rear of the engine block to the rear of the tail housing with a minimum of six (6) inch overlap where it is fastened. All vehicles using an automatic transmission must be equipped with a flex plate meeting SFI Spec 29.1.

Transmission - Manual:

Non - OEM transmissions are prohibited. The transmission must have been an option on a one ton or smaller truck. Aftermarket internal components are permitted. A clutch meeting minimum SFI Spec 1.1 or 2.1 is mandatory on all engines. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All transmissions 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 rear of the engine block and extend rearward to the transmission with a minimum of six (6) inch overlap where it is fastened. All transmissions or clutch pedals will have a safety interlock switch so that vehicle will not start in gear.

Turbocharger:

S-4, GT 42, HX 50 and turbo of this type is the largest turbo allowed. T-4 mounting flange is the largest allowed. Billet compressor wheels are allowed. A single .200 inch MWE groove maximum allowed. No stepped or clipped wheels. No step down covers. No forward facing MWE groove. Air must change direction to enter the MWE groove. This will be checked by putting a 1/16" diameter pin against the back side of the inducer bore parallel with the turbo shaft. The pin must NOT protrude into the MWE groove. Inducer bore must be non-removable. All air must go through the 2.5" inducer bore and MWE groove. No tapered or egg shaped inducer bore allowed. The Wheel must protrude minimum of 1/8" into the 2.5" part of the inducer bore. Covers will be plugged from the back side to verify where the wheel protrudes is a maximum of 2.5". Turbo checked with a 2.550" plug. MWE groove will be checked.

6.4 Powerstrokes will be permitted to run modified turbos, as long as the atmosphere turbo does not exceed the OEM straight bore dimension. (2.59") No tapered or egg shaped inducer bores allowed

Water Injection:

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

Wheelbase:

The vehicle must retain the original factory wheel base and track width. Cab and chassis trucks may not exceed 172 inch center to center of axles. Front dual-wheel spacers may be used only with accompanying positive-offset dually style wheels.

8000lb. Open Diesel Class

1. 26" Hitch Max
2. All safety shields bellhousings, blankets and kill switches required

3 NO CRYING!!!

6350# 4x4 Modified

1. Fire suits are required – minimum SFI 3.2. In flip top bodied vehicles without a firewall or

working doors, the driver will be required to wear an SFI approved suit. Fireproof gloves, fireproof head sock and fireproof shoes must meet SFI spec. 3.3. All helmets must meet Snell 90 minimum or SFI Spec. 31.1, 31.2, 41.1, 41.2. Helmets with socks built in are permitted.

2. All pulling vehicles are required to have a minimum of 2.5lb fire extinguishers. Extinguishers must be within reach of driver.
3. All vehicles must have working kill switches
4. No batteries are allowed in the cab of the vehicle unless they are in a marine battery box and secured to the vehicle frame.
5. All vehicles must have a starter interrupter switch that will allow starter engagement only in neutral or park position on a transmission gear selector.
6. Drivers must be seated and in control of the pulling vehicle any time the motor is started or running.
7. Maximum weight with the driver is 6350#
8. No cubic inch limit
9. Any automotive type engine, must be naturally aspirated with only two valves per cylinder.
10. Rear of engine block can be no farther forward than the centerline of the front axle.
11. Maximum bore spacing allowed is 5.00"
12. Engine must be behind the grill
13. Front weights may not extend more than 60 inches from the centerline of the front axle. No loose weights allowed in cab or under hood allowed.
14. All vehicles must have complete firewall
15. Planetary axles are permitted.
16. Tube frames are permitted.
17. Axle shields are required. Shield to be .060" thickness steel or aluminum. Shield not to be mounted to axle ends or hub bolts. A single hole may be cut in one to allow locking in of hubs.
18. Maximum wheelbase is 133" on all Modified 4x4 trucks. Wheels must be centered in wheel wells. Body must lengthened or shortened between cab and rear wheel wells, to maintain rear wheels centered in rear wheel well. Plus or minus 1" either way.
19. Maximum tire size to be 112" circumference when inflated to 30psi with original bar, not to exceed 18" in width before cutting.
20. Front tow hitch will be strong enough to push, pull or pick up the vehicle. A maximum of 1.25" thickness will be allowed and can't stick out more than 6". A round 3" hole is required in front tow hitch.
21. Clear plexi-glass or factory tint glass permitted.
22. No mud flaps or dirt deflectors will be permitted.
23. No fuel tanks, fuel lines, pressure gauges or pumps allowed in cabs. All hydraulic lines in cab must be shielded top and sides with a minimum of .060 aluminum.
24. All air or hydraulic suspension systems cannot have hydraulic, air, or electric lines

attached to these devices during competition.

25. Hitch 30%-36% of wheel base.
26. Hitch Height is 26"

8000 WORK STOCK DIESEL TRUCKS

2015-2020

The vehicle must be four-wheel drive.

Weight: 8000 lbs. Weight is with driver

Ballast: Ballast is permitted. Ballast may be added in the bed of the truck. If used, ballast must be securely fastened to the **bed only**. *Batteries:* The batteries must be securely mounted. They may not be located in the driver compartment or forward of the radiator core support. *Body:* The body & truck bed must be the OEM truck body, including the full bed floor and side skins both inner and outer. The body must retain full OEM 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. *Brakes:* Four-wheel hydraulic brakes are mandatory. *Bumpers:* Front bumpers must be Unaltered Factory stock. No weighted front devices are permitted. – This includes but limited to: Homemade bumpers, Brush Guards, “Ranch Hand” type Bumpers & Winches. Lower brackets (only) for snowplows frames are permitted so long as no modifications that would add weight are present. An unaltered decorative brush guard may be permitted at the option of the head tech officials.. Trucks may NOT compete without a bumper. *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. *Cooling System:* Radiators must be in the stock location and be of at least stock size. *Driveline:* An OEM transmission and transfer case are mandatory. They must have been an option on a one-ton or smaller pickup. *Driver Restraint System:* The OEM restraint system is mandatory and must be worn. *Engine:* The engine shall be a stock-appearing, OEM make-specific compression ignition Engine. *Exhaust:* The exhaust must exit rearward of the driver’s compartment. Stacks exiting through the hood or fender well are prohibited. *Fuel:* The fuel must be pump #1/#2 diesel only. Soy/Bio-diesel fuel is permitted. Off-road diesel fuel is prohibited. **NITROUS OXIDE is prohibited along with other oxygen extenders as well as the use of PROPANE is also prohibited. All system components MUST be removed from the truck.** *Fuel Injection Pump:* The fuel injection pump is limited to a stock-appearing, OEM engine model-specific pump only. 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. *Fuel System:* The OEM fuel tank is mandatory and must be used. Racing fuel cells are prohibited and must be removed from the vehicle. *Harmonic Balancer:* All engines turning 4500 RPM and higher must be equipped with a harmonic balancer or damper meeting *Hitch:* The hitch must be a receiver-style hitch; reinforcements are permitted. Reinforcements must not extend forward of the centerline of the rear axle or to the axle housing itself. 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 be notched or removed. The hitch’s height from the ground **may not exceed 26 inches on 4wd units and 30 inches on 2wd units.** The **hooking point must have a minimum 3.750-inch inside diameter opening** for the sled hook. The hooking point will

be measured to the center of the clevis loop. *Interior:* A complete interior, including dashboard, door panels, headliner, etc., is mandatory. Two matching 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 prohibited.** *Rear End:* Non-OEM rear-end housings are prohibited. It must have been an option on a one-ton or smaller pick up. Rear axle bolts must be covered by a cap or shield. *Steering:* 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. *Street Equipment:* 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. *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. *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 two inches; compression stops must 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. *Tires:* The tires must be DOT street tires. Cut tires are prohibited. Dual Wheels are permitted only on trucks with a specific OEM bed designed for this application. Maximum tire width for dual wheels is 14" total. *Transmission, Automatic:* Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and internal components are permitted. Transmission brakes are prohibited. *Transmission, Manual:* Non-OEM transmissions are prohibited. Aftermarket internal components are permitted. *Transfer Case:* Non-OEM transfer cases are prohibited. The transfer case must have been an option on a one-ton or smaller pickup truck. *Tuner:* A single tuner (Edge, Bully Dog, etc) is permitted. *Turbocharger:* The turbocharger is limited to a stock-appearing, OEM/Factory make-specific charger only. Turbochargers from different years in the same make may be interchanged, no adapters to accept other model turbo. 6.4 liter Powerstroke engines may utilize the factory twin turbo configuration. Any cut, notched or etc. of the turbo wheels / blades will result in a disqualification. Turbo housing must be unaltered OEM/ Factory with no provision made for extra air flow and/or machining to allow larger turbo wheel in the housing. No bushing of the inducer is permitted. Aftermarket wheels in a stock unaltered housing are permitted. Failure to allow for turbo inspection will result in immediate disqualification. Any truck disqualified for this reason will be required to undergo a complete super tech prior to any further competition. Absolutely no refunds for any illegal turbo found after the class has pulled. *Water Injection:* Water injection is prohibited. All system components must be removed from the truck. *Wheelbase:* The vehicle must retain the original factory wheelbase and track width.