8200 Work Stock Diesel

Chassis and Suspension

1. OEM 1 ton or less chassis required. No tube chassis or back halve conversions.

2. Factory wheelbase must be retained, Cab and chassis trucks must be no more than 172” wheelbase from center of axle to center of axle.

3. Engine must remain in original location

4. Factory front suspension must be retained. Must retain factory OEM type steering gear. Non OEM power assist is prohibited.

5. OEM style rear suspension is mandatory. Suspension can be temporarily blocked solid.

6. No air bags or air shocks are allowed.

7. Limiting straps are allowed.

8. Traction bars are allowed front and rear but must bolt to the housings. Only bracketry to bolt them on with may be welded. You are allowed 1 straight bar per side with a maximum of 2 links or points of contact on the axle housing and/or frame going from the centerline of the rear axle forward.

9. No rear frame trusses permitted. Bracing may only have 2 points of contact.

10. Must pull off of a Reese style hitch with no part of the hitch extending forward of the centerline of the rear axle. No part of the hitch can connect to the rear axle. No part of the hitch may be above the top of the frame rails. Hitch must be parallel to the ground and stationary in all directions.

11. Hitch height is 24” max

12. Hook point must be a minimum of 44” from the centerline of the rear axle to the hook point

13. Rear bumpers may be notched or removed. Sled stops permitted

14. Hanging weight is permitted and no part of weight may extend more than 60” forward of the front axle. Hanging weight excludes fuel tanks, batteries or other things of the like. All other ballast must be in the bed. Nothing allowed in the cab.

15. Batteries may not be mounted in the cab. Batteries are to be no further forward than the factory

core support.

16. 8200# max weight limit

Driveline

1. OEM 1 ton or less transmissions and transfer cases required. No Bruno, Lencos or reversers. No dropboxes. Aftermarket internals in stock housings is allowed.

2. SFI approved transmission blankets are required in trucks running an automatic transmission. The only exception to the blanket and bell housing rule will be for a true street driven truck and is at the discretion of the officials.

3. SFI approved blowproof bellhousings or sfi blanket on the bellhousing are required for manual transmission trucks.

Manuals must be clutch assisted, no sequential shifters permitted.

4. All trucks must have safety switches to prevent truck from starting in gear.

5. OEM 1 ton or less axles required front and rear. Aftermarket internals in stock housings are permitted.

6. Must have working 4 wheel brakes.

7. It is mandatory to have U joint shields covering all driveshaft U joints. Shields need to be at least 6" long and made of at least ¼" thick steel or 3/8" thick aluminum.

8. 35" DOT tires max or metric equivilant. No cutting or sharpening. No chains or studs allowed. No dual wheels.

Truck

1. Body must be OEM truck body including OEM bed floor. Body must retain full sheetmetal as well as OEM firewall and OEM floor boards.

2. All OEM glass windows must be retained. No lexan permitted. All windows must retain factory operation.

3. Complete interior including dash board and door panels mandatory. Aftermarket seats permitted but must be matching.

4. Hand throttles permitted

5. Factory headlight and tail light assemblies must be in place and operational. The only exception is the right front headlight may be removed for air inlet to the engine.

6. Radiator must be in stock location and at least stock capacity.

Engine

1. Engine is limited to a stock appearing OEM compression engine available from the factory in a one ton or less truck.

2. Electric water pumps and electric fans permitted. Factory accessory drive system must be retained.

3. No individual runner intakes (Ex: ZZ Customs)

4. No deck plates

5. OEM cylinder heads required. (Ex: No Hamilton heads for the Cummins, No Brodix heads for the Duramax)

6. No pressurized injectibles allowed what so ever. This includes nitrous oxide, propane, water injection or anything of the sort. All components must be removed.

7. Engines turning more than 4500 rpm must have an SFI approved harmonic balancer.

8. Fuel injection pump is cylinder count specific (6 cylinder pump on a 6 cylinder engine). P Pumps allowed are the P3000 and P7100. No sigma or 12 cylinder allowed. AG governors are Allowed

No dual fuel pump (cp3) or dual fueler set ups allowed . Dual HPOPs are allowed.

9. Fuel must be commercially available #1, #2 diesel or soy/biodiesel.

10. Factory style or aftermarket air to air intercoolers only mounted in stock location. Water to air intercoolers are prohibited unless factory equipped such as the newer 6.7L ford .Absolutely no use of ice or water to cool the intake charge.

Turbo and Exhaust

1. Turbocharger is limited to a stock appearing OEM charger only that was available in a 1 ton truck or less. Max exhaust housing flange size not to exceed a T4 flange unless otherwise factory

equipped. NO adapter plates to accept other turbos. 6.4 liter Powerstroke may utilize the factory twin turbos without modification. Turbo inducer bore to be no greater than 2.5" both before and after the MAP groove. If A map groove is present, it must measure. 200 or less ., Turbo inducer bore will be checked with a 2.550 plug. NO S400 TURBOS ALLOWED

TURBO RULE WILL BE ENFORCED

Any external wastegate must be vented into the exhaust downpipe within 12 inches from the exhaust pipe clamp on the back of turbo. Absolutely no venting into the atmosphere.

2. Exhaust must exit upward and behind the back of the cab. Tail pipes exiting on the ground may be equipped with a 90 elbow pointing up.

3. Stacks in the bed permitted. Hood or fender stacks are not allowed.

4. Two 3/8" diameter bolts installed In the downpipe in a cross pattern are required before the first bend as close to the turbo as possible.

Safety

1. All trucks must have a working 2.5 pound fire extinguisher on board.

2. Helmet, Fire Jacket, long pants(such as blue jeans, and closed toed shoes REQUIRED.

3. Seatbelts or 5 point harness highly recommended.

4. U joint shields required if joint is visible from outside the truck. See specs for length and thickness under driveline section. Driveshaft loops are REQUIRED

5. Kill switches mandatory on all trucks and must be located at the back of the truck. Air guillotines are acceptable for non electronic engines. Electric kill switches are permitted on trucks with electronic fuel shut offs. The only exception to the kill switch rule will be for a true street driven truck and is at the discretion of the officials.