

3.0 Diesel Competition Class

- Class will run at **8000lbs.**
 - Trucks must remain stock appearing. 4x4 Trucks only
 - Must have full size steel or OEM type body. The bed of the truck must have a metal floor, if bed is gutted 200lbs of movable weight must be placed rearward of the centerline of the rear axle.
1. Maximum engine size will be 460 cubic inch. Engines must come from factory in one ton or smaller pickup truck. Engine must remain in stock location as intended by manufacturer.
 2. Front of engine block can be no farther forward than 17" of centerline of front axle.
 3. Hook point must be no closer than within 44" of the centerline of the 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.
 4. One turbo with one pressure stage permitted. Maximum of 3.0" Opening on intake wheel. Map width enhancement is allowed. Compressor wheel must protrude into three inch bore, intake housing may not exceed three inches turbo, mounting plates are permitted.
 5. 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.
 6. No cast iron clutches or flywheels permitted.
 7. 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.
 8. No fuel lines or tanks permitted inside of truck cab unless securely mounted in marine box.
 9. Computer chips and boxes permitted.
 10. Fuel Systems: Largest fuel injection pump allowed will be a P-Pump with only one plunger per cylinder. (No Sigma pumps).
 11. 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.
 12. Water injection permitted.
 13. 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.
 14. Fuel limited to diesel fuel and bio-diesel only. No alcohol, nitrous, propane or any oxygen enhancing agents allowed.
 15. Drive train will consist of the following: Any front axle, any transfer case any rear axle. No planetaries permitted.
 16. 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.
 17. S.F.I. Bell housing Blankets and /or S.F.I Blow proof Bell housing required.
 18. 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.
 19. 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.
 20. Suspension modifications are permitted. Removable suspension blocks are permitted.
 21. Helmets, seatbelts, fire extinguishers and SFI fire suits are required.
 22. Brakes, steering, etc., must be operational to the satisfaction of the tech officials.

Tech officials' decision will be final in all matters of interpretation of the above rules.