

Beans Diesel 2.6 Map Groove/ 3.0 Smooth Bore Class Rules

1. The OEM chassis is mandatory. The vehicle must retain the full OEM chassis. Wheel tubs, back half conversions, tube chassis are prohibited.
2. The body must be the OEM truck body, including the full bed floor. No flatbeds permitted. The body must retain the full sheet metal, after market hoods permitted. The hood must be closed and securely latched while hooked to the sled.
3. Front hanging weights are allowed, not to exceed 60 inches forward of the centerline of the front axle. This will be measured by center of the front wheels to end of weight assembly. Ballast may be added in the bed of the truck, but securely fastened. Maximum weight 8000#.
4. All drivers must have valid state driver's license and full SFI fire suit. (See General Rules) which includes helmet. Seatbelt/restraint system must be worn.
5. All trucks must have at least six inch wide u-joint shields 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 rear driveshaft. 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.
6. The engine is limited to stock appearing engine can be interchanged between Dodge, Ford, and GM as long as they came in a one ton truck or less from the factory. Complete engine must have stock appearance except where otherwise noted in these rules. Front of engine block can be no farther forward than 17" of centerline of front axle.
7. Cylinder head must be OEM or OEM replica for that brand engine. Outside of cylinder head must measure factory width and length, Head must retain OEM valve angle.
8. All vehicles must be equipped to direct exhaust upward. Two-3/8 inch diameter bolts must be place through the exhaust pipe in a cross-pattern within one inch of each other, within 12 inches of the turbo.
9. A fire extinguisher system is permitted. 2.5 #Fire extinguisher must be securely mounted. A complete OEM firewall is mandatory.
10. The complete OEM floor pan is mandatory.
11. Hand throttles permitted. Diesel fuel only. (See Fuels for specs.) No propane or NO2 permitted or any other oxygen enhancers. Racing fuels cells permitted.
12. Maximum of one p7100 pump limited to one plunger per cylinder. The use of multiple high pressure common rail fuel pumps is legal. Power Stroke engine may utilize a second HPOP.
13. Hook point to be no closer than 44" of centerline of rear axle, hitch height maximum of 26", with a minimum of 3.75X3.0" 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 centerline of rear axle or behind. Hitch must not exceed a maximum of 25° angle from pivot point to hook point. No hitch supports or adjusters fastened to the rear axle housing shall be above the centerline of the rear axle. Pivot pin of drawbar can be no farther forward than the centerline of the rear axle.
14. Axle shields are required. Shield to be .060" thickness steel or aluminum. Shield not be mount to axle ends or hub bolts. A hole may be cut in one to allow locking in of hubs.
15. Safety switch (rain cap or guillotine) must shut-off air to diesel motors. Switch will be securely mounted to the back of the vehicle. Ring at rear of truck, minimum of two inch diameter solid ring, which the zip tie will tie to rigid point on truck. For any cases of re-pull, zip tie must be broken.
16. Hydraulic steering permitted.
17. Suspension- 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, and limit straps permitted. Traction bars and devices permitted 17b. Lowering or raising the vehicle height with suspension modifications permitted; must be bolt on only, welds permitted for attachment to frame or axle housing. Sway bars, limit straps and camber kits permitted. Traction bars and devices permitted. Blocked suspension permitted. No air bags.
18. Must be DOT approved tire. Maximum height 35 inches. No studded tires or chains. No alterations to tires permitted. No bar or terra tires. No front duals on front axle.
19. Drivetrain will consist of the following: Any front axle, transmission, transfer case, rear axle permitted. No planetaries permitted.
20. SFI bell housing and/or SFI blow proof bell housing required.
21. Turbo can be 1 of 2 styles. (a) 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 on bore and wheel. 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 MWE groove width greater than (.200) of an inch will be allowed, 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 2016 Pro Street Diesel 2.6 (with trial 3.0) Rules Page 5 and inspect compressor wheel. (b)The turbocharger is smooth faced intake housing, limited to a 3.0" inlet, (no map ring) with all air entering through the 3.0" intake opening. Intake wheel must protrude 1/8th inch inside of opening.
22. Water injection is prohibited. All components must be removed from the truck.