

2017 DIESEL TRUCKS 2.6 CLASS RULES

The 2.6 class is designed for full-bodied diesel pickup trucks.

1. **WEIGHT:** 8000 lbs. Weight is with driver. Plus or minus 100 lbs at Track official's discretion.
2. **Ballast:** Ballast is permitted. Hanging weights may not extend more than 60 inches from the centerline of the front axle.
3. **Batteries:** The batteries must be securely mounted. They may not be located in the driver compartment or forward of the radiator core support.
4. **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. The hood must be closed and securely latched while the vehicle is hooked to the sled.
5. **Brakes:** Four-wheel hydraulic brakes are mandatory.
6. **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.
7. **Cooling System:** Radiators must be in the stock location and be of at least stock size.
8. **Credentials:** All drivers must have a valid state driver's license.
9. **Driveline:** An OEM transmission and transfer case are mandatory. They must have been an option on a one-ton or smaller pickup.
10. **Driver Restraint System:** The OEM restraint system is mandatory and must be worn. Helmet must be worn and strapped.
11. **Driveshaft Loops:** All trucks must have at least six inch wide u-joint shields around the rear u-joint constructed of at least 1/4 inch steel or 3/8 inch aluminum that will safely contain the u-joint and the end of the rear shaft. 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.
12. **Engine:** The engine block 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. The use of concrete or other block fillers is prohibited. There will be no limit on RPM. Aftermarket intake manifolds are allowed.
13. **Exhaust:** All vehicles must be equipped to direct exhaust upward. Two 3/8 inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other and must be within 12" of the exhaust housing.
14. **Fire Extinguisher System:** A fire extinguisher system is permitted. It must be securely mounted.
15. **Firewall:** The complete OEM firewall is mandatory.
16. **Floor:** The complete OEM floor pan is mandatory.
17. **Fuel:** The fuel must be pump #1 or #2 diesel only. Soy/Biodiesel fuel is permitted.

18. **Fuel Injection Pump:** The fuel injection pump is limited to a stock-appearing, OEM make specific pump only. P7100 Injection pump if equipped may utilize either a stock or agricultural governor. Dual high-pressure common-rail fuel pumps or HPOPs are permitted.

19. **Hitch:** Maximum hitch height allowed is 26" from the top of the hitch to level ground. (Hitch can be lower). Hitch must be a receiver type-towing hitch or a special constructed pulling hitch. No bumper hitches. Hitch must be rigid in all directions with a minimum of 3 inches wide by 3 ¾ inches long inside opening. No vertical hitch or openings. From point of hook to centerline of rear axle shall be no less than 30% of truck wheelbase and shall not slope any greater than 33 degrees to hitch point. No hitch supports or adjusters. If the hitch is fastened to the rear axle housing it shall be above the centerline of the rear axle. The pivot pin of the drawbar can be no further forward than the centerline of the rear axle.

20. **Lighting:** Vehicle must have at least one functioning reverse light viewable by hook attendant.

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

22. **Propane:** Propane is prohibited. All system components must be removed from the truck.

23. **Rear End:** Any Non OEM rear ends are prohibited. Must be of OEM equivalent to one ton or smaller pick up truck.

24. **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.

25. **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 frame or axle housing. Control arms may be strengthened or replaced, provided all original mounting points are retained. Sway bars and limit straps are permitted. Rear suspensions may be bolted solid to eliminate travel.

26. **Tires:** The tires must be DOT street tires. Cut tires are prohibited.

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

28. **Transmission, Automatic:** Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and internal components are permitted. 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. All vehicles 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 SFI Spec 4.1 and it must extend from the rear of the block and cover the converter area completely with a 1/6 inch overlap where it is fastened. All non-blanket-type shields must incorporate two (or one, per manufacturer's instructions) 3/4 inch by 1/8 inch straps that bolt to the shield on each side and pass under the transmission pan unless the transmission pan is labeled as meeting SFI Spec 4.1. All vehicles with an automatic transmission must be equipped with a flex plate meeting SFI Spec 29.1 and be covered by a flexplate shield meeting SFI Spec 30.1.

29. **Transmission, Manual:** Non-OEM transmissions 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 transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles with engines running 4500 RPM or more and

equipped with a manual transmission must have a flywheel shield labeled as meeting a 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.

30. **Turbocharger:** The vehicle is limited to a single turbocharger; the inducer bore on the compressor housing may be no larger than 2.6 inches measured at the smallest diameter area of the compressor wheel. A bushing may be used to downsize the compressor housing ahead of the wheel. If a bushing is used, it must be round metallic, at least 3/4 inch long, mounted within 0.050 inch of the compressor wheel, and the inside diameter of the bushing may not exceed the 2.6 inch limit. Bushings must be securely fastened to the compressor housing. The inlet will be measured using a 2.605 inch plug or internal calipers. A stock map width enhancement (MWE) groove is allowed. No MWE groove will be allowed that has a width greater than 1/4 inch. All provisions allowing air to the wheel other than via the bore and the MWE groove are prohibited.

31. **Water Injection:** Water injection is prohibited. All system components must be removed from the truck.

32. **Wheelbase:** The vehicle must retain the original unaltered factory wheelbase and track width. Front dual wheel spacers may be used only with accompanying positive-offset dually-style wheels. Rear dual wheels are allowed.