

8000 Street Legal Diesel Truck Rules

Work Stock

The Work Stock (WS) Class is designed for daily-driven, on the road pickup trucks (full-bodied diesel pickup truck). Valid DOT registration and license plates are mandatory. The vehicle may be two or four-wheel drive.

Weights: Weights may be added in bed no weights allowed in cab, weights may be added to front 14” out from the center of the grill. Bumper must be in stock location and OEM style.

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 an OEM truck body, including the full bed floor. The body must retain all original 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 and must be functional.

Chassis: The OEM chassis is mandatory. The engine must be in the OEM location for the body being 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 must 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 restrain system is mandatory and must be worn.

Engine: The engine is limited to a stock-appearing, OEM make-specific compression ignition engine. 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.

Exhaust: All vehicles must be equipped to direct exhaust upward. The exhaust must exit rearward of the driver's compartment. Stacks exiting through the hood or fender well are prohibited. If the muffler or catalytic converter have been changed from stock, two 3/8 inch diameter bolts must be installed through the exhaust pipe in a cross pattern within one inch of each other as close to the turbo as is practical.

Fire Extinguisher System: A fire extinguisher is mandatory. It must be securely mounted.

Fuel: The fuel must be pump #1 or #2 diesel only. Soy/Bio-diesel fuel is permitted. Off-road diesel fuel is prohibited.

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 SFI Spec 18.1.

Hitch: The hitch must be a receiver-style hitch; reinforcements are permitted. Reinforcements must not extend forward of the centerline of the rear axle. Trick hitches are prohibited. The hooking point must be in 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. The hooking point must have a minimum 3.750-inch inside diameter opening for the sled hook. No clevis allowed.

Interior: A complete interior, including dashboard, door panels, headliners, 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 are 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-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. Any truck using airbags must have the lines disconnected at the airbag.

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

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

Turbocharger: The turbo charger is limited to a stock-appearing, OEM/Factory make-specific charger only. Turbochargers from different years in the same make may be interchanged. 6.4 liter power stroke engine may utilize the factory twin-turbo configuration.

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.