

# **Work Stock Diesel (WS)**

## **Work Stock Diesel Category Rules**



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### **Weight breaks:**

8000 lbs. Weight is with driver.

## **REGULATIONS**

### **Ballast:**

Hanging weight allowed, they may not exceed 55" from the center of the front axle. Weights securely mounted in the bed will be allowed. *Enclosed weight boxes not allowed.*

### **Batteries:**

The batteries must be securely mounted in the stock location. They may not be located in the driver compartment.

### **Body:**

The body must be the OEM truck body, including the full bed floor. The body must retain full sheet metal. After-market hoods are permitted.

### **Brakes:**

Four-wheel hydraulic brakes are mandatory.

### **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.

### **Cooling System:**

Radiators must be in the stock location and be of at least stock size.

### **Credentials:**

All drivers must have a valid state driver's license. Vehicles must have current registration and insurance. Proof may be asked for at the scale.

### **Driveline:**

An OEM transmission and transfer case as manufactured is mandatory. *All trucks must have at least six inch wide u-joint shields around the rear u-joint constructed of at least 1/4" steel or 3/8" aluminum that will safely contain the u-joint and the end of the rear shaft. Any front shaft u-joint that is visible from the side of the vehicle must be shielded to contain the u-joint and the end of the shaft.*

### **Driver Restraint System:**

The OEM restraint system is mandatory and must be worn.

**Engine:**

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

**Exhaust:**

The exhaust must exit rearward of the driver's compartment. Stacks exiting through the hood or fenderwell are prohibited.

**Fire Extinguisher System:**

A fire extinguisher system is recommended. It must be securely mounted.

**Firewall:**

The complete OEM firewall is mandatory.

**Floor:**

The complete OEM floor pan is mandatory.

**Fuel:**

The fuel must be pump #1/#2 diesel only. Soy/Biodiesel fuel is permitted. Off-road diesel fuel is prohibited.

**Fuel Injection Pump:**

Maximum of one P7100 pump limited to one plunger per cylinder. The use of multiple high-pressure common-rail fuel pumps is legal. Powerstroke engines with a single factory turbo may utilize a second HPOP.

**Fuel System:**

The OEM fuel system is mandatory and must be used. Racing fuel cells are prohibited and must be removed from the vehicle.

**Hitch:**

The hitch must be a **stock** receiver style hitch attached to the frame; reinforcements are permitted. Trick hitches, ball hitches **and drawbars** are prohibited. The hooking point must be 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. **Turnbuckle or threaded adjusters are prohibited.** The hooking point must have a minimum 3.00 inch wide by 3.75 inch long inside diameter opening for the sled hook. The hooking point will be measured to the center of the clevis loop.

**Interior:**

A complete interior, including dashboard, door panels, etc., is 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.

**Nitrous Oxide:**

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

**Propane:**

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

**Rear End:**

Rear axle bolts must be covered by a cap or shield. The rear end must be the model supplied with the vehicle as manufactured.

**Steering:**

The vehicle must retain the full, original OEM steering gear.

**Street Equipment:**

Complete headlight, taillight, and back up light 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-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. Final decisions rest with the MLM Technical Department.

**Suspension, Rear:**

An OEM-style suspension is mandatory. Lowering or raising the vehicle height with suspension modifications is permitted. 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. Strut tower braces, lower tie bars, sway bars, limit straps, and camber kits are permitted. **Non-adjustable** suspension stops are permitted, must retain at least one inch of travel. All rear suspensions must use at least one working shock absorber per wheel.

**Tires:**

The tires must be DOT street tires. Cut tires are prohibited. Front duals are never permitted. **No duallys allowed. Trucks with factory dually bed, must remove outside wheel and tire.**

**Transfer Case:**

Non-OEM transfer cases are prohibited. The transfer case must be the model supplied with the vehicle as manufactured.

**Transmission, Automatic:**

Non-OEM transmissions are prohibited. Transmission brakes are prohibited. 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.

**Transmission, Manual:**

Non-OEM transmissions are prohibited. All transmissions must be clutch-assisted.

**Turbocharger:**

The turbocharger is limited to a **single \* 2.6" smooth-bore turbo**. Driver will provide access to the inducer bore when asked at the time of weigh-in for inspection.

**Water Injection:**

Water injection is prohibited. Alcohol, methanol and all other flammables prohibited. All system components must be removed from the truck.

**Wheelbase:**

The vehicle must retain the original factory wheelbase and track width.

**All judgment calls will be made by MLM officials and will be final.**



**\*Any turbo that was legal by our rules in 2024 can run in 2025. By 2026, all turbos must conform to the current rule.**

**(Last Revised: 1/2025)**