

Battle of the Bluegrass Indiana Region

2.8 - 3.0 Outlaw Street Diesel Truck Rules

The Outlaw *Street* Diesel class is designed for full bodied, four wheel drive pickup trucks on ragged edge of street ability. With a wide variety of performance upgrades. A valid DOT registration and license plates are mandatory.

**Weight : 8000 lb 2.8 Trucks
7500 lb 3.0 Trucks**

Regulations:

Ballast:

Ballast is permitted. Front hanging weights are permitted. Front ballast and ballast mounting point must be easily removable, but securely mounted. May not extend more than 60 inches from the centerline of the front axle, and be high enough to clear scale and other pit obstacles. If it hit's the scale it must be removed to compete. Ballast may be added to the bed of truck. If used it must be securely fastened to the bed. Final decisions rest with the technical department.

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 the OEM truck body including the full bed floor. The body must retain full sheet metal. Metal aftermarket hoods are permitted. No fiberglass hoods. The hood must be closed and securely latched while the truck is hooked to the sled. The complete OEM firewall and complete OEM floor pan is mandatory. A factory installed pickup bed or commercial style aftermarket bed must be installed.

Brakes:

Four wheel hydraulic brakes are mandatory and functional.

Chassis:

The OEM chassis is mandatory. The engine must be in the OEM location for the body used. The vehicle must retain the OEM chassis. Wheel tubs, back half conversions, tube chassis, etc, are prohibited.

Clutches and Flywheel: 3.0 Trucks

Cast Iron clutches or flywheels prohibited. Must be steel and meet **SFI Spec. 1.1 or 1.2**

Cooling System:

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

Compressed Gases:

Use of any compressed gases is prohibited. (nitrous or propane or any other)

Credentials:

All drivers must have a valid state drivers license. Vehicle must have current registration and current license plates.

Driveline: 2.8

An OEM transmission and transfer case are mandatory. They must have been an option on a one ton or smaller pickup.

Driveline: 3.0

Trucks can run an open driveline. Any front axle, any transfer case, any rear axle, No planetaries permitted.

Driver Restraint System:

The OEM seatbelt restraint system is mandatory and must be worn.

Driveshaft Loops:

All trucks **must have** at least six (6) inch wide u-joint shields around the rear u-joint constructed of at least ¼ steel or 3/8 aluminum that will safely contain the u-joint and the rear end of drive 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 of the shaft.

Engine:

The engine block must have been available as a factory option on a one ton or smaller pickup truck. Blocks must circulate coolant freely. Water pumps may be factory or electric powered. All factory belt driven accessories, excluding the air conditioning compressor, must be retained and powered via the crankshaft by a standard serpentine or "V" belt. Electric cooling fans are permitted. Engine does not have to be same manufacturer as the truck .Can transplant engine from a Ford to a Chevy or to a Dodge or vise versa.

Exhaust:

All vehicles must be equipped to direct exhaust **upward**. The exhaust must exit rearward of the driver's compartment or through the hood. Stacks exiting through the fender well is **prohibited**. Two (2) 3/8 inch diameter bolts must be installed through exhaust pipe in a cross pattern within one (1) inch of each other and as close to the turbo as possible. This will be teched. Bolt heads welded to the pipe or sheet metal screws to mimic this will be grounds for **disqualification**.

Fire Extinguisher System:

A fire extinguisher system is permitted, it must be securely mounted. All vehicles must have at least a 2 ½ lb extinguisher with working gauge mounted within driver's reach.

Fuel:

The fuel must be pump #1, #2 diesel or Soy/Biodiesel. Off road is prohibited. Fuel must be commercially available.

Fuel Injection Pump:

The fuel injection pump is limited to P-pump with only one plunger per cylinder. Dual high pressure common rail fuel pumps or HPOPs are permitted. Ag governors are allowed **No Sigma or 12 cylinder pumps allowed.**

Harmonic Balancer:

All engines turning more than 4500 RPM must be equipped with a harmonic balancer or dampener meeting SFI Spec 18.1.

Hitch: 2.8 Trucks

The hitch must be a receiver-style hitch mounted under the frame as to resemble a standard factory receiver style hitch. The hitch may be bolted or welded to the underside of the frame. Reinforcements are permitted. Reinforcements must not extend forward of the center line of the rear axle and must remain inside the frame rails. 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. Bumper may be notched or removed. The hitch's height from the ground may not exceed **26 inches**. The hooking point must have a minimum of 3 inch by 3 ¾ inch inside opening for the sled hook. The hooking point must be a minimum of **44 inches** from the center of the rear axle to the center of the hooking point. The hooking point will be the center of the draw bar loop.

Hitch: 3.0 Trucks

Will have a built in hitch to frame of truck. The hitch may be bolted or welded to the frame rails. Reinforcements are permitted. Reinforcements must not extend forward of center line of the rear axle. The hooking point must be the rear most point of vehicle. The hitch must be horizontal to the ground and stationary in all directions. The hitch's height from the ground may not exceed 26 inches. The hooking point must have a minimum of 3 inches by 3 ¾ inch inside opening for sled hook.

Intercoolers:

Air to water intercoolers will be allowed with ice boxes.

Interior: 2.8 Trucks

A complete interior, including dashboard, door panels, headliner, etc. is mandatory. Two matching front seats are mandatory. Aftermarket seats are permitted, they must be fully

upholstered. All factory controls lights, windows, signals, wipers, etc, must be retained and in working order. The use of hand -throttles are prohibited.

Interior: 3.0 Trucks

The vehicle must be equipped with one seat for the driver, it must be securely mounted and have a driver seat belt restraint.

Kill Switches:

All trucks are **required** to have a kill switch located on the back of the truck, located near the hooking point. On trucks with an electric injection fuel pumps it must have an electric shut off or disconnect for the injection pump on the back of the truck For trucks with manual injection pumps they **must have** an air guillotine of the spring loaded type, no butterfly type to kill the air intake to the engine. It is recommended to have an air shut off on all trucks. Must have a 2 inch diameter ring to attach to the sled. Kill switch failure will result in disqualification.

Rear End: 2.8 Trucks

Non OEM rear-end housings are prohibited. The rear end housings must have been for a one ton or smaller pickup pick up. Rear axle bolts must be covered with a cap or shield.

Rear End 3.0 Trucks

Any rear axle permitted . No planetaries. Rear axle bolts must be covered with a cap or shield.

Safety Equipment:

All drivers must wear a **Snell 85** or **SFI 41.1** approved helmet, and a **SFI 3.2a** approved fire jacket and pants.

Steering: 2.8 Trucks

The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power assistance, if it was so equipped. Additional stabilizers are permitted. Non OEM power assist methods are prohibited.

Street Equipment: 2.8 Trucks

Complete headlight and taillights assemblies (all) are mandatory and must be operative. Complete OEM windshield and all other windows are mandatory. Windows must be able to operate per factory specifications, They must open and close via electrical or mechanical means.

Suspension - Front: 2.8 Trucks

The factory suspension configuration must be retained. The upper mounting point for strut assemblies must be in factory location. Adjustable caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided factory mounting points are maintained. The lower mounting point for the strut assembly may be modified for improved caster and camber. Strut tower braces, lower tie bars, sway bars, and limit

trucks may not exceed 172 inch center to center of axles. Front dual-wheel spacers may be used only with accompanying positive-offset dually style wheels.

2010
Battle of Bluegrass Pulling Series
Warrant of Clutch, Flywheel,
Flex Plate, Bell Housing Components &
Engine Cubic Inch

I, _____

(Name of owner or Driver)

(Street Address)

(City, State, & Zip Code)

The Undersigned Guarantee that my Competition Vehicle
Described as follows

(Year, Type or Model)

(Vehicle Name)

Is currently equipped and will be continually equipped with all **clutch assembly, Flywheel, Flex Plate and Bell Housing Components** that are equal to or exceed the minimum safety SFI requirements and **Cubic Inch** as defined in the Battle of the Bluegrass Rules for each class of competition. And will remain equipped while competing at all Battle of the Bluegrass events. The Flywheel, Clutch, and Pressure Plate Components on competition vehicle must be made of steel, aluminum, or ductile iron. Positively no gray cast iron is allowed. This Guarantee of compliance with all clutch, flywheel flex plate and bell housing components.

(Signature of owner or Driver)

(Date)

State of _____

County of _____

Signed in my presence and sworn before me this _____ day of _____, 2010

_____ Notary Public

_____ Expiration