

**2017 Battle of the Bluegrass Rules for
Pro Street Semi Truck
Maximum Weight: 22,000 lb. With Driver**

No Rule Changes from 2016

Air Bags:

The use of air bags is permitted. However no air may be added or removed from the air bags while the truck is hooked to the pulling sled.

Axle:

Block rear axle on Air Ride required.

Batteries:

The Batteries must be securely mounted. They may not be located in the driver compartment or forward of the radiator core support.

Body:

Trucks must have a minimum of 66" inches from the center of the tandems to the first structural obstruction such as the bunk, headache rack, tool box, etc, this is the minimum swing clearance needed to pull a trailer.

Brakes:

Air or hydraulic functional brakes are mandatory. Permitted on rear axles.

Computer Chips and Boxes:

Use of these for engine performance is allowed. No traction control boxes permitted.

Driver Restraint System:

The OEM restraint system and shoulder harness is mandatory and must be worn when hooked to the sled.

Engine:

Engine must be stock appearing. Engine in the truck must have been available in a class 8 truck.

Exhaust:

All vehicles must be equipped to direct exhaust **upward and away from fuel tanks**. Two (2) 3/8 inch diameter bolts of grade 5 quality 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 if mufflers have been removed. 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 drivers reach.

Fuel:

Normal pump diesel, soy diesel is the only fuel permitted in the class. The diesel fuel must pass any and all fuel tests administered by B.O.B. Tech Officials.

General Rules:

All vehicles/drivers must comply with general rules.

Harmonic Balancer:

All engines turning more than 3500 RPM must be equipped with a harmonic balancer or dampener meeting SFI Spec 18.1.

Hitch:

The hitch must work from the 5th wheel with the 5th wheel centered between centerline or the front axle to the center of the two axles. All pullers must provide their own hitch that attaches to the 5th wheel. The hitch hole must be 3x 3 ¾ in size. The hitch height is 18 inches. The height of the hitch must remain the same from start to finish of the pull. Any change in hitch height will be cause for disqualification.

There must be 66" from the center of the tandems to the first obstruction forward such as the back of the truck cab, toolbox, wet line box, etc.

Injection:

Water injection is allowed. (Water only).

Intercoolers:

Factory style or aftermarket air to air intercoolers are allowed, water or air.

Interior:

Must meet factory firewall.

Kill Switches:

All trucks are **required** to have kill switch located on the back of the truck, located near the hooking point. All trucks **must have** an air guillotine of the spring loaded type, no butterfly type to kill the air intake to the engine. Kill switch failure will result in disqualification.

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.

Street Equipment:

Complete headlight and taillights assemblies are mandatory. Complete OEM windshield and all other windows are mandatory.

Tires:

The tires must be DOT street tires. No cut tires permitted.

Transmission -

Transmission must have been available in a class 8 truck

Turbocharger(s):

A single turbocharger of any size is permitted. **Exception:** The factory 2006, 2007, 2008 CAT twin Turbos is permitted with the factory installed setup with no modifications. Also the Cummins NTC factory twin turbo setup is also allowed in factory installed setup with no modifications. Twin chargers must be factory turbos and application to that truck.

Wheelbase:

Trucks with triple rear drive axles are not permitted.