

3.0 LIMITED PRO DIESEL 4X4 TRUCKS

Adopted: January 2023 (PPL Rules)

USA-EAST Post Event Tech Inspection Pulling vehicles may be held for post competition tech inspection. Failure to abide may result in a DQ. The top five trucks may be held at the end of track in a holding area for post pull inspections. It is the driver's responsibility to be aware of their placing and be present with the truck post inspecting area.

BODY The body must be an OEM truck body. Beds must be covered. No flatbeds permitted. The body must retain full metal, aftermarket steel hoods are permitted. They must be closed and securely latched while hooked to the sled.

CHASSIS The OEM chassis is mandatory. The vehicle must retain a full 3/4 or 1-ton size chassis. Wheel tubs, back-half conversions, tube chassis prohibited. Rigid suspension allowed. Hydraulic steering permitted. (Intent-no Isuzu or compact diesel chassis)

DRAWBAR

1. Drawbar assembly must be frame mounted. Pivot pin of the drawbar can be no further forward than the centerline of the rear axle. Minimum of one (1) inch of material around the pivot pin location (circumference) of the hitch assembly. Hitch assembly requires 1/2" total thickness minimum (width) where the drawbar pivot pin intersects (connects). Minimum 1/4" wall thickness tubing material required for drawbar assembly.
2. Maximum drawbar height of 26".
3. Hook point must be no closer than 44" of center line of rear axle, drawbar must not exceed a maximum of 25° angle from pivot point to hook point.
4. Drawbar height adjustment link, if attached to the rear-end housing, the attaching point must be at or below the centerline of the axle. Drawbar adjusters cannot attach to anything above the centerline of the rear axle.
5. Drawbar adjusters can only go straight downward vertically or towards rear differential housing. No adjusters permitted above the hook point.
6. No slotting of holes for adjuster attachment.

DRIVELINE

1. Drive train will consist of the following: Any front axle, any transfer case and any rear axle. No planetaries permitted.
2. All clutches, bellhousings, and clutch/transmission blankets must meet SFI specs. (See general rules)
3. Driveshaft shielding, u-joint shields, and axle shields are all required. (See driveshaft shielding)
4. No traction control permitted.

ENGINE

1. Engine must remain in stock location as intended by the manufacturer. Engines may be interchanged between manufacturers.
2. Front of the engine block can be no further forward than 17" of the centerline of the front axle.
3. Maximum engine size will be 460 cubic inch. Engines must come from the factory in one ton or smaller diesel pickup trucks. a) No aftermarket blocks permitted b) Head must be an OEM or OEM one piece cast replica for that brand engine. No billet heads of any material. Outside dimensions of the cylinder head must measure factory width and length. Head must retain OEM valve angle.
4. Engine must have cables surrounding the block and head. (See Engines)
5. All engines will have a deflection shield, running the complete length of the block casting. Shield must be securely fastened and must be .060" thick. (This equates to a steel inner fender)
6. Intercoolers allowed. Dumping or draining intercoolers without a catch pan within 100 feet of the competition track is prohibited.
7. Water injection is prohibited. All components must be removed from the truck.

FUEL

1. Fuel Systems: Maximum of one P7100 pump (2-5/8"W x 9-9/16"L x 8-3/16"H main pump body), limited to one plunger per cylinder. The use of multiple high pressure common rail fuel pumps is allowed. Ford Power Stroke engine may utilize a second HPOP. Electronic fuel injection is permitted. A 3-way dump valve mounted before the injection pump is mandatory which can be operated by the driver while strapped in the seat.
2. No fuel lines or tanks permitted inside of a truck cab unless securely mounted in a marine box.
3. Fuel limited to diesel fuel. No alcohol, nitrous, propane or any oxygen enhancing agents allowed. TIRES Must run DOT approved tires. Maximum tire height 35", no studded tires or chains. No alteration to DOT tires allowed. Dual rear wheels are permitted on the rear axle only. Maximum of 6 tires.

TURBOCHARGER/EXHAUST

1. Air shut off (kill switch) required. (See safety switches)
2. Turbocharger is limited to a 3.0" inducer bore, bore must be smooth-faced (no MAP/MWE ring/groove) with all air entering through the 3.0" opening. Bore will be checked with a 3.005" plug, plug must not be able to enter the inducer bore and contact the compressor wheel.
3. Compressor wheel must protrude 1/8 inch inside of the opening.
4. Exhaust must exit straight up, Must be equipped with a turbo exhaust containment device. Along with a turbo blanket on the intake side. (See turbo rules in general rules)

WEIGHTS

Maximum weight 8,000lbs. (Dry weight 7900# for ice allowance at scales.) Front weights must be no more than 60" from the centerline of the front axle to forward most points and be securely fastened. No weights are allowed in the cab of the truck. If weights are located in the bed of the truck they are to be securely fastened to the bed of the truck. WHEELBASE Maximum wheelbase 158" and 102" maximum width. (outside tire to outside tire)