

8500LB Pro-Street Diesel 4x4

1. ALL GENERAL RULES APPLY
2. Weight 8500 lbs maximum
3. **Ballast:**
 - 3.1. Hanging weights are allowed
 - A) No more than 60 inches from the center of the front axle.
 - B) Must have supporting wheels on the weight bracket. See General rules.
 - C) Aftermarket front bumpers allowed, any homemade bumpers will be at the desecration of tech officials.
4. **Chassis/ Driveline:**
 - 4.1. The OEM chassis is mandatory.
 - A) 1 ton or less.
 - 4.2. 4 wheel factory working brakes.
 - 4.3. OEM Suspension.
 - A) NO AIR BAGS OR AIR SHOCKS.
 - B) Bolt in rear blocks allowed.
 - 4.4. OEM Transmission, Transfer case, and drive axles only.
 - 4.5. Stock style suspension only.
 - A) Lift kits allowed.
 - 4.6. Rear traction bars allowed, must have a loop on the bar.
5. **Tires:**
 - 5.1. Max 35 inch D.O.T. Approved Rims and Tires.
 - A) Sipping allowed.
 - B) Factory dually trucks may run no larger than 33/12.5 Tires.
 - C) No bolt on duals allowed.
 - D) No cutting, grooving or grinding allowed.
6. **Body:**
 - 6.1. The body must be the OEM truck body including the full bed floor.
 - A) Complete interior and all working components.
 - B) Fiberglass hoods and roll pans are permitted.
 - i All Fiberglass hoods must be shielded on the underneath side with sheet metal or aluminum skin a minimum of .060 thick.
 - C) A factory installed pickup bed or commercial style aftermarket bed must be installed.
 - i Tailgates are optional.
7. **Batteries:**
 - 7.1. Batteries must be mounted behind the front bumper, or in the box. Not mounted in the cab.
8. **Engine:**
 - 8.1. Blocks must circulate coolant freely.
 - 8.2. All factory belt driven accessories must be retained and powered via the crankshaft by a standard serpentine or "V" belt.
 - A) Electric water pumps allowed.
9. **TURBOCHARGER:**
 - 9.1. Maximum 2 turbochargers configurations are allowed.
 - A) No open chargers, must retain all piping.

B) All air filters must be under the hood(no removing of headlight).

C) Chargers must run an air filter or manufactured inlet guard.

10. Harmonic Balancer:

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

11. Exhaust:

11.1. Vehicles are recommended to be equipped to direct exhaust upward.

11.2. The exhaust must exit rearward of the driver's compartment.

11.3. Two 3/8 diameter bolts must be installed through the exhaust pipe in a cross pattern within 1 inch of each other, as close to the turbo as possible.

11.4. **Hood Stacks allowed must run an approved Confinement ring.**

12. Cooling System:

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

12.2. Electric cooling fans are permitted.

13. Fuel:

13.1. Multiple High pressure pumps allowed..

13.2. The fuel must be pump #1, #2 diesel or Soy/Bio diesel.

A) Fuel must be commercially available.

13.3. OEM Fuel tank or a Box mounted fuel cell may be used.

13.4. No propane, NOS, or water injection.

14. Hitch:

14.1. The hitch must be a factory receiver-style hitch. 3 X 3.75 hitch hole must be exposed at the rear of the vehicle.

A) Final decision of legality of all hitches resides with the head tech official.

14.2. Minimum of 44 inches from center of rear axle back.

14.3. Maximum 26 inch hitch height.

14.4. Bracing allowed, must be frame mounted and behind the center-line of the rear axle.

A) No Bracing from Hitch to rear axle allowed.

15. Inter coolers:

15.1. Only air to air inter coolers are allowed.

16. Kill Switches:

16.1. An Electronic shut down that must kill power to electric fuel pumps.

16.2. Must be mounted within 12 inches and above the pulling hitch.

A) Switches will be tested.

B) Air shut off is recommended.

17. Safety Equipment:

17.1. All drivers must wear a helmet, and a single layer fire suit, jacket and pants.

17.2. Must carry a fire extinguisher in the driver's compartment.

17.3. All exposed u-joints must be shielded, along with axle bolts.

17.4. Full loops and shields required.

17.5. Steel SFI Bell housing or SFI 4.1 Transmission Blanket required.

A) OEM bell-housing with manual clutch must be covered with SFI 4.2 blanket

B) A one time grace may be permitted, tech officials say.

18. Inspection: During tech inspection drivers must comply with all tech requests. Tech official has final say