

Improved Diesel 8500#s

1. No hanging of front weights allowed. If any weights are added they can only be placed in the box and secured down. Aftermarket front bumpers allowed. any homemade bumpers will be at the discretion of tech officials.
2. Batteries must be in stock location.
3. The body must be the OEM truck body, including the full bed floor, complete interior, and all working components. Fiberglass hoods and roll pans are permitted. All fiberglass hoods must be shielded on the underneath side with sheet metal or aluminum skin a minimum of .0625 thick. A factory installed pickup bed or commercial style aftermarket bed must be installed.
4. The OEM chassis is mandatory. 4-wheel factory working brakes. Blocking suspension permitted. No rigid chassis.
5. Radiators must be in the stock location and be of at least stock size. Electric cooling fans are permitted.
6. OEM transmission, transfer case, and drive axles only. Stock style suspension only. Aftermarket lift kits allowed, no homemade. Rear traction bars allowed.
7. Blocks must circulate coolant freely. All factory belt driven accessories must be retained and powered via the crankshaft by a standard serpentine or "V" belt.
8. Vehicles are recommended to be equipped to direct exhaust upward. The exhaust must exit rearward of the driver's compartment. 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. No hood stacks.
9. The fuel must be pump #1/#2 diesel fuel or must be available at any gas station. An OEM fuel tank must be used. No propane, NOS, or water injection or other. Dual cp3s permitted.
10. All engines turning more than 4500 RPM must be equipped with a harmonic balancer or dampener meeting SFI Spec 18.1.
11. The hitch must be a factory receiver-style hitch. Hitch must be rigid in all directions. Receiver tube must be mounted parallel to the frame. Hitch bracing is allowed but must be only frame mounted and cannot extend forward of the rear axle centerline. A 3.75" hitch hole must be exposed at the rear of the vehicle. Roll pan style hidden hitches

permitted. Final decision of legality of all hitches resides with the head tech official. Minimum of 44 inches from center of rear axle back. Maximum 26 inch hitch height.

12. Only air to air intercoolers are allowed.

13. An Electronic shut down that must kill power to electric fuel pumps must be mounted within 12 inches and above the pulling hitch. Switches will be tested. Air shut off is recommended.

14. All drivers must wear a helmet and a single layer fire jacket. Must carry a fire extinguisher in the driver's compartment. All exposed u-joints must be shielded, along with axle bolts. Full loops and shields recommended. At minimum, the rear-most u-joint must be shielded.

15. The tires must be DOT street tires. 35 inch maximum height. Factory dually trucks only. Dually trucks must use factory tire size. No bolt on duals allowed. No cutting, grooving, or grinding allowed. Must be DOT approved wheels.

16. Single stock appearing turbo of 68mm or less in stock location. (I.E.no 2nd gen swaps). Turbos must use the stock pedestal, no special adaptors, or T-4 flanges. No S300 or S400 turbos, no smooth bore turbos. 6.4 Ford Powerstroke is the only vehicle allowed factory twin turbos. Must maintain full factory appearance, including all factory fluid flow(coolant, oil and air). If VGT, must remain VGT.