

## 3.0 Pro Diesel Truck

### Driver Eligibility:

1. General rules apply.
2. Minimum 16 years old licensed driver.

### Safety:

1. OEM seatbelt or better must be worn.
2. Driver must wear a DOT approved helmet with chin strap fastened and must remain fastened until forward motion is complete.
3. No passengers on track or in pit area.
4. Fire extinguisher MANDATORY.
5. Fuel and/or air shut off MANDATORY. All fuel and/or air shut offs must be mounted independently on draw bar. Cable end must have a loop to attach to sled cable, and must be located in the rear center of truck. Minimum of 14" above hitch and a maximum of 6" off center in either direction.

### Chassis:

1. Engine in OEM location for the body used.
2. No Wheel tubs, back half conversions or tube/homemade chassis.
3. Floor pan and firewall is MANDATORY.
4. Factory wheel base must be maintained.

### Engines/Drive Line:

1. Limited to a stock-appearing, OEM make-specific compression ignition engine.
2. Electronic modules, tuners and programmers allowed.
3. After market air induction systems allowed.
4. Exhaust must exit upward.
5. Fuel must be pump #1/#2 diesel only. Soy/biodiesel allowed.
6. Nitrous oxide, propane, alcohol, nitro methane, methanol and all other oxygen carriers and flammables are PROHIBITED.
7. Water injection is PROHIBITED.
8. The vehicle is limited to a single turbocharger: the inducer bore on the compressor housing may be 3.0" smooth bore. A stock map width enhancement (MWE) groove is allowed. No 3.0" MWE groove will be allowed that has a width greater than 1/4". All provisions allowing air to the wheel other than via the bore and the MWE groove are prohibited on a 3.0 smooth bore. 6.4 liter Power stroke engines may utilize the factory twin-turbo configuration.
9. Drive shaft loops: MANDATORY SAFETY. All trucks MUST have 360 degree, 6" long u-joint shields covering; rear end yoke, rear

output yoke, front output yoke and front end yoke. The front output yoke cover is not required if lack of room prevents installation. Shield thickness requirements: aluminum minimum of 3/8" and steel minimum 1/4".

10. Open Drive Line is permitted regardless of turbo configuration chosen.

### **Hitches:**

1. Hitch must be a receiver style hitch, reinforcements are permitted. The hitch must be in all directions. Bumper may be notched or removed. The hitch height from the ground may not exceed 26 inches. The hooking point must have a minimum of 3 inch by 3 3/4 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 hooking point. Hooking point is defined by where the hook lays on the hitch. May have drawbar type hitch. Drawbar angle must not exceed 25 degree angle from the pivot point to the hook point.

### **Suspension:**

1. Solid blocking, air bags, and timbrens allowed.
2. Traction bars, sway bars and limit straps allowed.
3. 4 wheel hydraulic brakes are MANDATORY.

### **Tires:**

1. Tires must be DOT approved. NO modifications allowed, i.e.: no cutting, grooving, etc. After market tires and wheels allowed. 35 maximum size.
2. No studs and no tire chains.
3. Duals allowed on 2WD and 4WD rear only.
4. All wheel studs and axle bolts/studs must be used and tight. Use of axle stud guards MANDATORY.

### **Added Weight:**

1. Weight in pick up box or on front bracket only.
2. Front weight bracket and weights not to exceed 60" forward of centerline of front axle.
3. No weight under hood or in cab.

### **Weight Class:**

8000 lbs with driver