

2017 KPP SPORT STOCK DIESEL RULES

The Sport Stock (SS) class is designed for daily-driven, Designed for street driven trucks with considerable modifications for pulling. **Valid DOT registration and license plates are mandatory.**

- 1. WEIGHT:** 8000 lbs. Weight is with driver. Plus or minus 100 lbs at Track official's discretion.
- 2. BALLAST:** Ballast is permitted. Hanging weights are allowed, but must be secured in any location and not extend more than 60" from the front of the center of the front axle.
- 3. BATTERIES:** The batteries must be securely mounted. They may not be located in the driver compartment or forward of the radiator core support.
- 4. BODY:** The body must be the OEM truck body, including the full bed floor. The body must retain full sheet metal. Metal after-market hoods are permitted. Fiberglass is prohibited. The hood must be closed and securely latched while the vehicle is hooked to the sled. The complete OEM firewall and OEM floor pan is mandatory. No gutting or cutting of OEM sheet metal.
- 5. INTERIOR:** A complete interior, including dashboard, door panels, headliner, etc., is mandatory. Two matching front seats are mandatory. Aftermarket seats are permitted; they must be fully upholstered. The OEM restraint system is mandatory and must be worn. All factory controls (lights, signals, horn, windows, wipers, etc.) must be retained and be operative. The use of hand-throttle controls is prohibited.
- 6. STEERING:** The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power steering assistance, if it was so equipped. Additional stabilizers are permitted. Non-OEM power assist methods are prohibited.
- 7. STREET EQUIPMENT:** Complete headlight and taillight assemblies (all) are mandatory and must be operative. Complete OEM windshield and windows are mandatory. Windows must be operative per factory specifications; that is, they must open and close via OEM electrical or mechanical means.
- 8. BRAKES:** Four-wheel hydraulic brakes are mandatory.
- 9. CHASSIS:** The OEM chassis is mandatory. The engine must be in the OEM location for the body used. The vehicle must retain the full OEM chassis. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited.
- 10. COOLING SYSTEM:** Radiators must be in the stock location and of working condition and be of at least stock size.
- 11. CREDENTIALS:** All drivers must have a valid state driver's license.
- 12. DRIVELINE:** An OEM transmission and transfer case are mandatory. They must have been an option on a one-ton or smaller pickup. Non-OEM transfer cases are prohibited. Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and internal components are permitted. Transmission brakes are prohibited. Any non-OEM floor mounted automatic transmission shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse gear. A functional neutral safety switch is mandatory. All transmission lines must be metallic or high-pressure-type hose. All manual transmissions must be clutch assisted. Sequential shifters are prohibited.
- 13. ENGINE:** The engine is limited to a stock-appearing, OEM make-specific compression ignition diesel engine. NITROUS OXIDE is prohibited along with other oxygen extenders as well as the use of PROPANE is also prohibited. WATER INJECTION is prohibited. All system components must be removed from the truck.
- 14. EXHAUST:** All vehicles must be equipped to direct exhaust upward. The exhaust must exit rearward of the driver's compartment. If the muffler or catalytic converter has been changed from stock, two 3/8 inch diameter

bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other and must be within 12" of the exhaust housing. No Hood Stacks allowed.

15. FIRE EXTINGUISHER SYSTEM: A fire extinguisher system is permitted. It must be securely mounted.

16. FUEL: The fuel must be pump #1/#2 diesel only. Soy/Bio-diesel fuel is permitted. The OEM fuel tank is mandatory and must be used. Racing fuel cells are prohibited and must be removed from the vehicle.

17. FUEL INJECTION SYSTEM: The fuel injection system is limited to a stock-appearing, OEM engine model-specific pump only. The use of multiple high-pressure common-rail fuel pumps is prohibited. Powerstroke engines with a single factory turbo may utilize a second HPOP. Pumps from different years in the same engine model may be interchanged.

18. HITCH: The hitch must be a receiver-style hitch; reinforcements are permitted. Reinforcements must not extend forward of the centerline of the rear axle. Trick hitches are prohibited. The hooking point must be the rear-most point on the vehicle and must be rearward of the stock location of the tailgate. The hitch must be horizontal to the ground and stationary in all directions. Bumpers may be notched or removed. The hitch's height from the ground may not exceed 26 inches. The hooking point must have a minimum 3.00 inch wide x $3\frac{3}{4}$ length inside diameter opening for the sled hook. The hooking point will be measured to the center of the clevis loop.

19. SUSPENSION, FRONT: The upper mounting point for strut assemblies must be in the factory location. Adjustable caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided factory-mounting points to chassis are maintained. The lower mounting point for the strut assembly may be modified for improved caster or camber. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted.

20. SUSPENSION, REAR: An OEM-style suspension is mandatory. Traction bars and devices are permitted; they must be Bolt on only; welds are permitted for attachment to frame or axle housing. Control arms may be strengthened or replaced, provided all original mounting points are retained. Sway bars and limit straps are permitted. All rear suspensions must use at least one working shock absorber per wheel. Blocked suspension is prohibited. Suspension must have at least 1" of working travel. Non-OEM rear-end housings are prohibited.

21. TIRES: The tires must be DOT street tires. Cut tires are prohibited.

22. TURBOCHARGER: OEM type or aftermarket equivalent turbocharger allowed. Turbochargers from different years in the same make may be interchanged. 6.4 liter Powerstroke engines may utilize the factory twin-turbo configuration. The inducer bore needs to be smaller than 2.6 and no inducer groove will be allowed that is larger than $\frac{1}{4}$ inch. Limited to 1 turbocharger by any manufacturer.

23. WHEELBASE: The vehicle must retain the original factory wheelbase and track width. Rear dual wheels are allowed.