

The Modified Street/2.5 Class is designed for a daily-driven, on the road pickup trucks (full-bodied diesel pickup trucks). Valid DOT registration, state inspection and license plates are mandatory. The truck must weight 8,000 lbs. or less with driver.

#### Safety

- OEM equipment and seat belts.
- Fire extinguishers.
- All safety shields and blankets as required in class rules.

#### Ballast

- Ballast is permitted.
- Hanging front weights are permitted but cannot exceed 60" to the furthest most point of the ballast from the center line of the front axle.
- Ballast may be added in the bed of the truck.
- All ballast must be securely fastened.

#### Batteries

- The batteries must be securely mounted with a solid hold down.
- They may not be located in the driver compartment or forward of the radiator core support.

#### Body

- The body must be the OEM truck body.
- The body must retain full sheet metal.
- Metal after-market hoods are permitted.
- Fiberglass hoods are permitted with a sheet metal or aluminum skin shield underneath of at least .060" thick.
- The hood must be closed and securely latched while the vehicle is hooked to the sled.
- The complete OEM firewall and the OEM floor plan is mandatory.
- A factory installed pickup bed or commercial style after-market bed must be installed.

#### Brakes

- Four-wheel hydraulic functional brakes are mandatory.

#### 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.

## Cooling System

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

## Driveline

- An OEM transmission and transfer case are mandatory.
- They must have been an option on a one-ton or smaller pickup.

## Driver Restraint System

- The OEM restraint system is mandatory and must be worn.

## Engine

- The engine must have been available as a factory option on a one ton or smaller pickup truck.
- Cubic inch limit of 444 cubic inch.
- Blocks must circulate coolant freely. No hard-filled blocks.
- Electric water pumps and cooling fans are allowed.
- All other accessories must be powered by factory belting.

## Exhaust

- All vehicles must be equipped to direct exhaust upward for 2018 recommended for 2017.
- The exhaust must exit rearward of the driver's compartment.
- Stacks exiting through the hood or fender well are prohibited.
- If the muffler or catalytic converter have been changed from stock, two 3/8 inch diameter, minimum grade 5 bolts must be installed through the exhaust pipe in a cross pattern within one inch of each other as close to the turbo as is practical.

## Fire Extinguisher System

- A fire extinguisher is mandatory.
- An on-board fire suppression system is permitted.

## Fuel

- The fuel must be pump #1/#2 diesel only.
- Soy/Bio-diesel fuel is permitted.
- Off-road diesel fuel is prohibited.
- Nitrous oxide and propane are prohibited along with other oxygen extenders.
- All system components must be removed from the truck.

## Fuel Injection Pump

- The fuel injection pump is limited to a stock-appearing, OEM engine model-specific pump only.
- The use of multiple high-pressure common-rail fuel pumps is permitted.
- Powerstroke engines with a single factory turbo may utilize a second HPOP.
- Pumps from different years in the same engine model may be interchanged.
- Cylinder number specific pumps (i.e.: 6 cylinder pump on a 6 cylinder engine).
- Sigma or 12 cylinder pumps are prohibited.

## Fuel System

- The OEM fuel tank is mandatory and must be used.
- Racing fuel cells are prohibited and must be removed from the vehicle.

## Harmonic Balancer

- All engines turning 4500 rpm and higher must be equipped with a harmonic balancer or damper meeting SFI Spec 18.1.

## Hitch

- The hitch must be a receiver-style hitch; reinforcements are permitted.
- Reinforcements must not extend forward of the centerline of the rear axle or to the axle housing itself.
- 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 3.750 inches inside diameter opening for the sled hook.
- The hooking point will be measured to the center of the clevis loop.

## Inter Coolers

- Factory style or after-market air to air coolers are permitted.
- Water to air coolers are prohibited.
- Any means of cooling the air before the engine, except the air to air cooler is prohibited.

## Interior

- A complete interior including dashboard, door panels, headliner, etc. is mandatory.
- Two matching fronts are mandatory.

- After-market seats are permitted; they must be fully upholstered.
- All factory controls (lights, signals, horn, windows, wipers, etc.) must be retained and operative.

#### Rear End

- Non-OEM rear-end housings are prohibited.
- It must have been an option on a one-ton or smaller pickup.
- Rear axle bolts must be covered by a cap or shield.

#### Steering

- The vehicle must retain the full, original OEM steering gear and OEM power steering assistance, if it was so equipped.
- Additional stabilizers are permitted.
- Non-OEM power assist methods are prohibited.

#### 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.

#### 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 limited straps are permitted.
- Traction bars and devices are permitted.

#### Suspension Rear

- An OEM-style suspension is mandatory.
- Lowering or raising the vehicle height with suspension modifications is permitted.
- Traction bars and devices are permitted; they must be bolt-on only; welds are permitted for attachment to frame or axle housing.
- All OEM suspension mounting points must be retained and used.
- Sway bars, limit straps, and camber kits are permitted.
- The rear suspension must maintain a minimum compression shock travel of one inch; compression stops must be adjustable.

- All rear suspensions must use at least one working shock absorber per wheel.
- Airbag spring assistance is permitted; airbag compressors must be disconnected.

#### Tires

- The tires must be DOT street tires.
- Cut tires are prohibited.
- Trucks utilizing dual rear wheels will be limited to a tire with maximum width of 8" of tread per tire.

#### Tow Vehicles

- Tow vehicles are permitted.

#### Transfer Case

- Non-OEM transfer cases are prohibited.
- The transfer case must have been an option on a one-ton or smaller pickup truck.

#### Transmission Automatic

- Non-OEM transmissions are prohibited.
- After-market 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 vehicles with engines running 4500 rpm or more and using an automatic transmission must be equipped with a transmission shield meeting SFI Spec 4.1 and must be labeled accordingly. A blanket-type shield is permitted; it must be appropriately labeled as meeting SFI Spec 4.1 and it must extend from the rear of the block to the front of tail housing with a minimum six-inch overlap where it is fastened.
- All non-blanket-type shields must incorporate two (or one, per manufacturer's instructions) 3/4 inch by 1/8 inch straps that bolt to the shield on each side and pass under the transmission pan unless the transmission pan is labeled as meeting SFI Spec 4.1.
- All vehicles with engines running 4500 rpm or more and using an automatic transmission must be equipped with a flex plate meeting SFI Spec 29.1 and be covered by a flex plate shield meeting SFI Spec 30.1.

#### Transmission Manual

- Non-OEM transmissions are prohibited.

- After-market internal components are permitted.
- A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles with engines running 4500 rpm or more.
- All manual transmissions must be clutch assisted.
- Sequential shifters are prohibited.
- All vehicles with engines running 4500 rpm or more and equipped with a manual transmission must have a flywheel shield labeled as meeting minimum SFI Spec 6.3 or greater.
- Applications for which an SFI Spec flywheel shield is not available may use a properly attached SFI 4.1 or 4.2 blanket that completely covers the bell housing; it must be attached to the block and extend rearward to the transmission with a minimum six inch overlap where it is fastened.

#### Turbocharger

- The vehicle is limited to a single turbocharger.
- The inducer bore on the compressor housing may be no larger than 2.500". The inlet will be measured using a 2.550 plug or internal calipers.
- Bushing of any larger turbo size down to a 2.500 turbo is prohibited. Inducer bore must be non-removable.
- Turbo compressor covers must be a true-bore inlet. Stepped/Tapered covers are prohibited.
- Clipping/trimming of the compressor wheel is prohibited.
- The turbo wheel must measure no larger than 2.500" in front of and behind the MWE.
- The turbo may utilize a stock may width enhancement (WME) groove, but is to be no wider than .250" maximum. No MWE alterations will be allowed.
- All provisions allowing air to the wheel other than via the bore and the MWE groove are prohibited.
- Exhaust manifold/Pedestal bolt pattern shall measure not larger than 3.500" x 2.750" (t-4 flange). Altering of the turbo housing to accommodate a smaller foot or base will not be permitted
- 6.4 liter Powerstroke/6.7 liter Scorpion engines may utilize the factory turbo configuration.
- The driver will be responsible for making the compressor wheel and bore accessible for Tech Officials to measure bore and inspect the compressor wheel.

#### Water Injection

- Water injection is prohibited.
- All system components must be removed from the truck.

#### Wheelbase

- The vehicle must retain the original factory wheelbase and track width.