

Hudsonville Fair

MFSTPA Hot Diesel Unlimited Truck Rules

HOT DSIESEL

The Hot Diesel Unlimited class is designed for full-bodied 1 ton or less pulling trucks. With a maximum weight of 8000 lbs. The truck also needs to be licensed and insured.

DRIVERS:

Must be 16 years of age. All drivers must have a valid driver's license. Drivers shall not be under the influence of drugs or alcohol, and must drive their trucks in a safe manner at all times when at the pull.

BATTERIES:

The batteries must be securely mounted. They may not be located in the driver's compartment.

BODY:

Fiberglass hoods are prohibited.

CHASSIS:

Wheel tubes, back-half conversions, tube chassis, etc., are all prohibited.

BALLAST:

Ballast is permitted. Hanging weights are permitted but must be securely mounted and may not extend more than 60 inches from the centerline of the front axle.

DRIVERLINE:

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

DRIVER RESTRAINT SYSTEM:

The OEM restraint system is mandatory and must be worn. Or a three inch wide driver restraint system labeled as meeting SFI Spec 16.1.

DRIVESHAFT LOOPS:

All trucks must have at least six inch wide u-joint shields around all drive shafts u-joints, u-joint shields must be constructed out of at least ¼ inch steel or 3/8 inch aluminum with the u-joint centered in it. In addition there must be at least one drive shaft loop in the middle of each drive shaft.

ENGINE:

The engine block must have been available in one ton or smaller pick-up truck.

EXHAUST:

All vehicles must be equipped to direct exhaust upward or downward. Two 3/8 inch diameter bolts must be placed in the exhaust pipe in a cross pattern within one inch of each other as close to the turbo as practical.

FIRE EXTINGUISHER SYSTEM:

A fire extinguisher is mandatory. It must be easily accessible and visible.

AIR SHUTOFF:

The vehicle must be equipped with an air shutoff. A master control for your air shutoff must be located at the back of the vehicle next to the hitch point; it must have a two inch diameter steel ring and be clearly visible to the hook man. A fuel shutoff is also very highly recommended.

FUELO INJECTION PUMP:

The fuel injection pump is limited to a stock-appearing, OEM engine make-specific pump only. Twin CP3's and Hpop's are permitted.

HITCH:

The hitch must be a "REESE" style hitch. Reinforcements are permitted. Trick hitches are prohibited. The hitches height from the ground may not exceed 26" for 4x4 and 30" for 2x4. Must have a hook

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point at least 44 inches from the center of the rear axle. The hooking point must have a minimum 3.00 inch by 3.75 inch inside diameter opening for the sled hook.

NITROUS OXIDE:

Nitrous oxide is prohibited. No other oxygen extenders are allowed.

PROPANE:

Propane is prohibited.

REAR SUSPENSION:

Traction bars and devices are permitted. Suspension must maintain a minimum shock travel of 1 inch.

TIRES:

Tires must be DOT street tires. Cut tires are prohibited. A maximum tire diameter of 35 inch.

TRANSMISSIONS:

Transmissions (manual and automatics) must have a transmission / bell housing blanket meeting SFI 4.1.

TURBOCHARGER:

There is no limit on Turbocharger size of configuration.

WATER INJECTION:

Water injection is permitted.