



Department V

Four-Wheel-Drive Truck Pull

Committee Co-Chairs:

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Saturday, July 28, 1:00pm Afternoon Classes
& 7:00pm Evening Classes

Everyone entering the pits will pay a

\$20 pit/Fair admission

One driver & one crew member admitted free per truck

Entry fee: **\$20 PER CLASS**

Competitors:

All trucks except super stock must be driven into pits.

Pit gate opens at 9:00am. Space in the pit area is limited. Every effort will be made to accommodate all pullers and vehicles on a first come/first serve basis.

Trailers may be parked in Lot B; there will be lights and security. Deadline for registration is 12:00 noon for Afternoon Classes and 6:00pm for Evening Classes.

Section 1:

Afternoon Classes, 1:00pm

(Registration deadline is 12:00 noon.)

- | | | |
|---|-----------|-----------------------------|
| 1 | 5,800 lb. | Stock Gas |
| 2 | 6,800 lb. | Street Legal Gas - Enhanced |
| 3 | 6,000 lb. | Super Stock |
| 4 | 8,500 lb. | Street Diesel |

Evening Classes, 7:00pm

(Registration deadline is 6:00pm.)

- | | | |
|---|-----------|-----------------------------|
| 5 | 6,800 lb. | Stock Gas |
| 6 | 6,800 lb. | Street Legal Gas - Enhanced |
| 7 | 6,200 lb. | Super Stock |
| 8 | 8,500 lb. | Street Diesel |

Prizes

Classes 1, 2, 4, 5, 6, 8

Classes 3&7

- | | | | |
|------------------------|-------|-----------------------|-------|
| 1 st place: | \$150 | 1 st place | \$250 |
| 2 nd place: | \$100 | 2 nd place | \$200 |
| 3 rd place: | \$75 | 3 rd place | \$150 |
| 4 th place: | \$50 | 4 th place | \$100 |

Eligibility

- 1) All drivers must have a valid driver's license.
- 2) All drivers must be 18 yrs. of age or older.
- 3) Open to all counties.

Registration

- 1) Registration will be at the gate entrance.
- 2) All drivers will draw numbers for pulling order and tech in the scale house.
- 3) All trucks must be weighed before pulling.
- 4) The officials in charge of the pull are the committee members conducting the pull and the judges named to supervise the pull. The decisions made by the judges are absolute and final.

General rules

- 1) All drivers will attend the pit/safety meeting.
- 2) **No one under the age of 18 will be allowed in the pit area.**
- 3) **All drivers will wear a helmet and seatbelt.**
- 4) **All trucks must be equipped with working fire extinguisher in reach of the driver.**
- 5) The possession or use of any alcoholic beverage is prohibited.
- 6) Contest will be open to 4-wheel-drive trucks with rubber (**DOT**) tires (no tire chains or studs).
- 7) Each vehicle may be entered in only one class per session. No jumping up or switching drivers in same class.
- 8) Trucks must hook within 3 minutes of when the sled is ready, or it will be disqualified from the class.
- 9) Contest to be governed by judges with all decisions final. Judge has the right to stop and disqualify any vehicle if it is not being operated in a safe manner.
- 10) Operator must remain seated with one hand on the steering wheel at all times.
- 11) Hitch height will not exceed **26 inches**.
- 12) The pull track will be 300 ft. with a **floating finish line**.
- 13) The truck that pulls the sled the greatest distance will be the winner. In the event of a tie, a pull-off with a floating finish line will decide the winner.

Contest rules

- 1) All pulls made during the contest will be measured.
- 2) The number one puller in each class will be the test puller. They may take the pull if the transfer sled is OK, or they may choose to take their 2nd pull immediately, or they may drop back to 6th pull position. If a contestant experiences mechanical problems during a test pull (before the 1st official pull), he will have the option of dropping to 6th or last position. If the transfer sled needs further adjustment, the 1st puller after each adjustment will be the test puller. All decisions on re-pulls must be made before the truck in question is unhooked from the sled.

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- 3) All pulls must start with a tight hitch; no jerking permitted. Contestants will be allowed 2 consecutive attempts in 75 ft. to start the sled. Spinouts will not be eligible for a 2nd attempt within the first 75 ft.
- 4) Excessive loss of a liquid by a vehicle while in motion during the contest will be cause for disqualification unless due to internal breakage.
- 5) No portion of the vehicle may interfere with the sled hitch or sled during the pull.
- 6) Vehicles must remain within the boundaries of the contest course during the pull or will be disqualified.
- 7) All vehicles pulling in a class must remain in the pit area.
- 8) Any weight, ballast, or external parts lost while the truck is hooked to the sled will be cause for disqualification.
- 9) No one allowed on the track except the track officials and contestants. One assistant will be allowed at the starting line to assist the driver. Assistant must be at least 18 yrs. of age.
- 10) Each contestant may provide one hitchman to indicate position of the sled before the start of previous pull to track crew. The sled will not be moved once it has returned to the starting line.
- 11) No one under 18 will be allowed in the pits

Class rules**Stock gas trucks**

- 1) Stock trucks and stock trucks only.
- 2) All trucks must be registered and inspected and have proof of insurance.
No dealer plates.
No temporary inspections.
Papers will be checked.
- 3) Factory 4-wheel-drive vehicle with Factory 1 ton or less transmissions, transfer case and axle housings, single wheeled
- 4) Engine, related equipment and drive train must be factory stock for the vehicle in the year it was built.
- 5) DOT-approved tires.
- 6) Stock trucks must run stock fuel – maximum octane = 93. No racing fuel.
- 7) Trucks must have stock manifolds; dual exhaust allowed.
- 8) Stock trucks will not be allowed to have any engine, ignition, carburetor or intake modifications.
No headers allowed.
- 9) Trucks must have a minimum class 3 hitch with minimum of 3.75 inch clevis opening
- 10) Trucks must be driven into the pits. No trailers!
- 11) No traction bars are allowed.
- 12) Stock suspension and no blocks. 2 inches of suspension movement.
- 13) Ballast is permitted. Not to exceed 60 inches from the centerline of the front axle

- 14) Dead trucks will be picked up or towed **only** at the end of the show.
- 15) Only top 5 trucks from 1PM are eligible to pull in 7PM Street Legal Class
- 16) If you register for Stock Class you are not eligible for Street Legal Class.

Street Legal Enhanced Gas:**Must be Registered, Inspected and Proof of Insurance**

- 1) OEM seatbelt or better must be worn
- 2) DOT approved helmet must be worn and working Fire Extinguisher in cab.
- 3) Vehicle must have working brakes and reverse lights.
- 4) It is **recommended** that trucks have 6" long U-joint shields covering rear end yoke and front end yoke if seen from side of vehicle. Drive shaft loops are also **recommended** and should be made from steel flat stock and securely mounted to frame.
- 5) Engine, transmissions, transfer cases, frame, front and rear differentials must be OEM for truck being pulled.
- 6) Headers or open exhaust allowed. **MUST** exit behind cab.
- 7) Factory wheelbase must be maintained.
- 8) OEM floor pan and fire wall must be used.
- 9) Batteries must be securely mounted in engine compartment. Radiators must be in stock location and be at least stock size.
- 10) Gasoline or Race Fuel is allowed. NO Alcohol or Nitrous Oxide or other Oxygen Extenders.
- 11) Vehicles can use any brand of carburetor but, only one. OEM fuel injection allowed. Aluminum intakes are allowed.
- 12) Naturally aspirated or OEM brand specific manufactured forced induction allowed
- 13) **NO Aluminum heads** unless O.E.M
- 14) Must pull off a Reese type hitch, mounted solidly to the frame with no movement. Maximum of 26" height hitch with a 3.75" hole .Must be the furthest point from back of truck.
- 15) No solid blocking; **must have 2 inches of suspension movement.** Air bags or timbrens allowed. Traction bars are allowed.
- 16) DOT approved tires. No cutting or shaping allowed. OEM duals are allowed.
- 17) Front hanging weight is allowed, not to exceed 60" forward of centerline of front axle.
- 18) **It is recommended** that a SFI approved fire suit, leather work boots or SFI approved footwear be worn.
- 19) A ring-style breakaway switch capable of killing the ignition is **highly recommended** on all trucks. Switch must be located within 6 inches of center of rear of truck, 24 inches above hook point.
- 20) It is **highly recommended** that rear axle bolts are covered with a cap or shield.
On front end, hubs should be shielded.

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Super Stock Trucks

- 1) Must be 4-wheel-drive vehicle with Factory 1 ton or less transmissions, transfer case and axle housings
 - 2) Safety Fire suits are required
 - 3) A ring-style breakaway switch capable of killing the ignition is required on all super stock trucks. Switch must be located within 6 inches of center of rear of truck, 24 inches above hook point.
 - 4) SEMA-approved safety equipment: i.e., flywheels, bell housings, and scatter blankets are mandatory.
 - 5) A) 360 degree, 1/8 inch steel shields are required for all drive shaft universal joints. **Shields should be 8 inches long on constant velocity joints and 6 inches long on all other drive shaft universal joints.**
B) **Rear axle bolts are to be covered with a cap or shield. On front end, hubs must be shielded.**
 - 6) Maximum wheel base 135 inches.
 - A) All transmission to transfer case drive shafts should have solid shielding.
 - B) Trucks with tilt bodies must have an external switch to activate the lift mechanism on the left-hand rear quarter panel of the truck.
 - C) All trucks must have a front tow hook with a 3 inch hole minimum.
 - D) All clutches and flywheels must have SFI-approved stamp on them.
 - E) All automatic transmissions must have SFI-approved, 6-strap transmission blankets on them.
 - F) All harmonic balancers must be SFI-approved.
 - G) All trucks must have at least 3 loops on each drive shaft, plus 6-inch U-joints loops.
 - H) From the point of hitch to the centerline of the rear axle shall be no less than 36% (percent) of the wheelbase.
 - I) Brakes must work on one axle, front or rear.
 - J) Hitch point opening must be a minimum 3.75 inch
 - K) Ballast is permitted. Not to exceed 60 inches from the centerline of the front axle
 - L) Front and rear tire must be no more than 1/2 tire width offset from one another.
 - 7) Modifications allowed:
 - A) Manifold
 - B) Carburetor
 - C) Camshaft
 - D) Ignition system
 - E) Headers may run vertical or underneath truck.
 - F) Compression ratio may be altered
 - G) Engine and truck need not be from the same manufacturer
 - H) Engine can be of any automotive production up to 500 CID (+/- 1%)
 - I) Front Hub Covers
 - 8) **Modifications not allowed:**
 - A) Multiple carburetors
 - B) Nitrous oxide systems
 - C) Blowers
 - D) Turbo chargers
 - E) **Aluminum Heads**
 - F) Super chargers
 - G) Alcohol fuel
 - H) Fuel injection in gas engines unless factory equipped
 - 9) Trailers are allowed in the pits;
One trailer per pulling team.
- ### 8,500 lb. Street Diesel
- 1) All trucks must be registered and inspected and have proof of insurance.
No dealer plates.
No temporary inspections.
Papers will be checked. No papers = no pull.
 - 2) 4-wheel-drive vehicle with Factory 1 ton or less transmissions, transfer case and axle housings
 - 3) DOT-approved tires.
 - 4) Computers and Tuners Permitted
 - 5) Front Suspension may be strengthened. Sway bars and limit straps are permitted
 - 6) **Exhaust that exits through the hood must go upward. Must have two 3/8 minimum grade 5 cross bolts within an inch of each other as close to the turbo as practical. Rear tailpipes must have turn up (clamps acceptable).**
 - 7) Rear suspension must have minimum 2 inches of suspension movement.
 - 8) Front and Rear Traction Bars are permitted
 - 9) Ballast is permitted. Not to exceed 60 inches from the center line of the front axle.
 - 10) Drive shaft loops, Transmission blankets and shielding are highly recommended
 - 11) Trucks must have a minimum class 3 hitch. Hitch point opening must be a minimum 3.75 inch and furthest point from rear axle.
 - 12) **Duallys allowed in this class. Dual wheels must be covered by the fender or bed.**
 - 13) Dead trucks will be picked up or towed **only** at the end of the show.
 - 14) Trucks must be driven into the pits. **No trailers!**