



Department V Four-wheel-drive Pull

Committee:

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Saturday, July 18, 1:00pm Light Classes

7:00pm Heavy Classes

Everyone entering the pits will pay a \$20 pit/Fair admission

Entry fee: \$10 per class

Competitors: 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. **All trucks except super stock must be driven into pits.** Trailers may be parked in Lot B; there will be lights and security. Deadline for registration is 12:00 noon for Light Classes and 6:00pm for Heavy Classes.

Section 1:

Light Classes, 1:00pm (*Registration deadline is 12:00 noon.*)

- 1 5,800 lb Stock Gas
- 2 5,800 lb Super Stock
- 3 8,000 lb Street Diesel

Heavy Classes, 7:00pm (*Registration deadline is 6:00pm.*)

- 4 6,500 lb Stock Gas
- 5 6,200 lb Super Stock
- 6 8,000 lb Street Diesel

Prizes

Classes 1, 3, 4, 6

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

Classes 2 & 5

- | | |
|-----------------------|-------|
| 1 st place | \$250 |
| 2 nd place | \$200 |
| 3 rd place | \$150 |
| 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 under the tent behind the announcer's tower.
2. All drivers will draw numbers for pulling order.
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 no more than 2 classes but only once in each 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. Judges' decisions are final.
12. The pull track will be 300 ft.
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 repulls must be made before the truck in question is unhooked from the sled.
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.

Truck specifications

1. Vehicles must be 4-wheel-drive vehicles.
2. Wheel base cannot be altered in any class. Dually trucks are allowed in the heavy 8000 lb class. Trucks must have functional beds in place.
3. Ballast must be solid type, securely attached, and mounted no higher and no wider than the general profile of the vehicle.
4. Front end weight may not exceed further forward than 60 inches from the center of the front axle (both classes).
5. The point where the hook lies in a minimum 3-inch clevis on drawbar must be in a position no higher than 26 inches and no nearer than 36 inches to the center of the rear axle. Standard clevis must be bolted to drawbar with a minimum ¾ inch bolt or pin.
6. Drawbars must be rigid in all directions and must be equipped with a bolted steel hitching device not more than 1 inch thick and with a 3-inch diameter opening. Cross-sectional thickness must be ¾ inch minimum. Pulling point may not be more than 1½ inches from back edge of the hitching device.
7. All trucks must have closed doors.
8. Trucks must have hood and grille in place as intended by the manufacturer.
9. Four-wheel-drive vehicles may pull without a tailgate for safer hitch visibility.
10. The use of torque converters and automatic shifts will be permitted.
11. Wheel rims: standard rim diameters; width of rim unlimited.
12. All vehicles must have working backup lights.
13. Drive shaft loops are highly recommended for all classes but are required for super stocks.
14. All trucks must have safety glass or plexiglass in the windshield and rear window.
15. All trucks must have working front brakes.
16. No driveline brakes allowed.
17. **Tech's decision is final.**

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. **Papers will be checked.**
3. Factory 4-wheel-drive vehicle.
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.
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 stock class 3 hitch.
10. Trucks must be driven into the pits. No trailers!
11. No ladder bars (front or rear) are allowed.
12. Stock suspension and no blocks.
13. Dead trucks will be picked up or towed **only** at the end of the show.
14. **Tech's decision is final.**

8,000 lb Street Diesel

1. All trucks must be registered and inspected and have proof of insurance. **Papers will be checked. No papers no pull.**
2. 4-wheel-drive vehicle.
3. DOT-approved tires.
4. Trucks must have a stock class 3 hitch.
5. Trucks must be driven into the pits. No trailers!
6. Dead trucks will be picked up or towed **only** at the end of the show.
7. **Tech's decision is final.**

Super Stock Trucks

1. Must be 4-wheel-drive vehicle.
2. DOT-approved tires.
3. A ring-style breakaway switch capable of killing 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. 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.
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.
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
8. Modifications **not** allowed:
 - a. Multiple carburetors
 - b. Nitrous oxide systems
 - c. Blowers
 - d. Turbo chargers
 - e. Super chargers
 - f. Alcohol fuel
 - g. Fuel injection in gas engines unless factory equipped
9. Trailers are allowed in the pits.
10. **Tech's decision is final.**