

## **5,000lb. LIGHT MODIFIED 4x4 TRUCK PULL RULES & REGULATIONS**

1. Maximum weight of 5,000 lbs.
2. Engine:  
Single four-barrel carburetor; must be naturally aspirated, must be mass-produced. 4150 style carburetors. Two-barrel carburetor; no predators, dominators, or exotic carbs permitted. Fuel injection is not permitted. Aluminum intakes are permitted. No tunnel rams or sheet metal intakes. Small block engines; 360 cubic inch maximum. No LS or Hemi style blocks or heads are permitted. All heads must be OEM valve angle. Cleveland Heads are not permitted. SFI harmonic balancer is required. SFI flex plate and flywheel are required. Engine fans must be completely shrouded with steel 1/16-inch or thicker. All exhaust systems must discharge vertically. Aftermarket ignition is permitted. Rear of engine block can be no far further than the center of the front axle and engine must be behind the factory grill location. Must have sparkplug shield plates.
3. Fuel:  
Gasoline or racing fuel is permitted. No alcohol, no nitromethane, E85, or oxygenated fuel permitted. No blowers, turbochargers, or other compressed gasses (nitrous oxide, propane, etc.)
4. Transmission & Driveline:  
All universal joints MUST be covered with 6-inch wide 1/8-inch steel or 3/16-inch aluminum. All drive shafts MUST have a midpoint safety loop. Any OEM transmission and transfer case can be used; no aftermarket gear boxes or t-cases. Factory 1-ton or less driveline (rear ends, transmission, transfer case). All automatic transmissions MUST use a properly attached blanket that covers the transmission clutch and also the bell housing. Two separate blankets may be used. Will also need a SFI flex plate shield. All automatic transmissions MUST have a positive reverse gear lock out; MUST have a neutral safety start switch, (standard can work off a pressed in clutch). All vehicles 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 no available may use a properly attached SFI 4.1 or 4.2 blanket that completely covers the bell housing may be used in place of a shield; it must be attached to the block and extend rearward to the transmission with a minimum 6-inch overlap where it is fastened. Both front brakes must work and driveline brakes are permitted. Slipper clutches and high stall torque converters are permitted. A clutch meeting minimum SFI Spec 1.1 or 1.2 is mandatory on all vehicles. Positivity NO Grey Cast Clutch materials allowed. Axle & hub shields are required. Shield to be .60-inch thickness steel or aluminum. A hole may be cut in one shield to allow operation of hub lock. Non full float rear ends must have C-clip eliminators.
5. Body & Chassis:  
Maximum wheelbase of 135. Must be a truck body with bed. Vehicles must have closed doors, unless equipped from factory with a fabric top. Half cabs must have closed doors. Vehicles must have stock appearing frill, hood, front fenders, bedsides, and hood. No weights or any part of the vehicle can extend forward more than 60-inches from the center front axle. Fuel cell must be located OUTSIDE of the cab with a marked easily accessible fuel shut-off valve. Batteries must be securely mounted, may be in stock location, in bed or mounted on the front weight rack/box. A manual battery disconnects easily accessible and clearly marked is required. If batteries are mounted inside the cab, they must be covered with steel or aluminum with a driver accessible battery shut-off and be clearly marked. Must retain all exterior body panels fiberglass is permitted. Tailgate not required. Fenders may be cut for tire clearance only; axle must be positioned within 6-inch of center of wheel well. Must have windshield and driver's window. Driver's window must be up while pulling.

6. Body & Chassis: Continued  
Floor and firewall area must be covered and no holes larger than 1-inch. Any motor, frame, body combo can be used; tube frames are allowed but must be inspected by current tech official before permitted to pull. 2-inch x .120 wall thickness minimum. Vehicle must have factory working reverse light or 2-inch round minimum light centered over the hitch.
7. Wheels & Tires:  
D.O.T. 33/14.5 or equivalent. 29/11 dirt track tires are permitted. No bar tires permitted, sipping and sanding of tires are permitted for the purpose of resurfacing ONLY. Cleaning up existing tire grooves or cutting new dirt track tires is permitted. Rear tires can be offset inward to center of front tires, no dual tires. Tire tracks must half lap. No recaps.
8. Suspension & Hitch:  
Solid suspension is permitted in the rear. Ladder bars are permitted. Hitch must be rigid in ALL directions. Hitch plate is to be 3-inches wide and 4-inches long inside dimension. 1-inch thick at any point. Maximum hitch height will be 26-inches. Minimum hitch length is 27% of truck overall wheelbase no shorter than 24-inches. Measurement taken from center of axle tube to hook point. Hitch pivot or attachment point cannot be any further forward than the center of the rear axle.
9. Safety:  
Kill Switch: MUST break current or ground ignition. Vehicles equipped with electric fuel pumps must also break current to the fuel pump. Kill switches will be securely mounted to the back of the vehicle and have a 2-inch diameter metal ring, at least 1/8-inch thick to attach to the sled.  
Driver Safety/Clothing: Fire suits are required. Over the ankle leather boots or racing shoes are required. Helmets are required while operating vehicle, full face is recommended. Driver's must be seated and in control of the pulling vehicle any time the motor is started or being started. Seat Belts must be worn while operating, factory seat belts in good condition are ok, but a five-point harness is highly recommended.