

Pick-up Truck Demolition Derby

- 1) All ½ ton and ¾ ton 2 wheel drive pickups or suburban are allowed. **NO** 4X4, vans or dully.
- 2) Remove all outside chrome and trim. Remove all flammable materials from the interior except the driver seat. All loose material must be removed from the truck (i.e.: plastic, glass etc)
- 3) Remove all glass. Windshield strap must also be added. They are to extend from the firewall to the roof and be securely fastened at both ends. A minimum 1/4 X 2 steel flat bar must be used. A flag holder must be welded to the right hand corner post or on upper point of the window bar.
- 4) Fuel System.
 - a. A custom built derby fuel tank constructed of minimum 1/8" think steel must be securely fastened into the front of the box behind the cab using minimum 2" washers. It can also be fastened with metal straps 1/8" X 2" or greater.
 - b. The tank and cap must not leak if inverted.
 - c. The fuel fitting and vent must be on top of the tank and the vent must have a check valve or pigtail plumbed through the floor of the truck. A large drain hole must be cut in the floor directly beneath the tank.
 - d. The fuel line must pass through the passenger compartment and must be made of metal or fireproof rubber. It is recommended the fuel line pass through a garden hose the length of the passenger compartment. The fuel line must be protected with floor mats or similar material through the firewall. Any standard consumer grade of pump gasoline may be used.
 - e. The in cab gas tanks must be removed. The gas tanks under the frame may be left in but 3, 6" holes must be cut into the tank.
- 5) The drivers and passenger side door bars are mandatory. A minimum 6" channel iron X 3/16 and a minimum of 5 feet long. Concrete may also be used in doors. **NO** grader blades, railway rail or guard rails. Door bars must be bolted with a minimum of 3 ¾" bolts or 4 5/8 bolts with 6X6 backing plates. A cross brace in place of the dash is mandatory and may be connected to the door bars. Door bars can extend from 6" past the front door seam to 18" past the box seam. Cab bolts may be reinforced or modified to keep cab in place. Cab must be bolted to the box in at least two places with minimum ¾" bolts and 6X6 plate on either side. All trucks must have a cross brace in the box behind the cab and must be connected to the door bars. Any 4 door trucks or suburban must have a 3rd crossbar mounted behind the front seat and ties into the door bars.
- 6) All doors and tailgates must be bolted chained or welded. If welded a minimum of 4, 4" welds per door or tailgate.
- 7) Hoods are a must and they must be bolted or chained in the front. Hoods May be fastened in 6 locations by welding, chain or bolting and only 2 may be to the frame rails.
- 8) The box must be secured to the frame at the rear by two ¾" bolts with 6"X6" plates or 3/8 chain or U-bolt.

- 9) The trailer hitches must be removed. Car bumpers may be installed. Bumper brackets may be spot-welded. All edges must have rolled and round edges. Chains may also be used. **NO** reinforcing **NO** excessive welding.
- 10) A padded headrest must be securely fastened behind the driver's head. 6"X8" minimum size. No padded pipe. It can be attached to rollover brace. See item 17.
- 11) Any engine may be used as long as it is in stock location. Motor mounts may be welded and chained. The rear end may be welded.
- 12) Two 8" holes must be cut in hood for fire access.
- 13) Cooling system must be filled with water only. Expansion tanks are allowed. A maximum of 4 feet of rubber hose allowed.
- 15) Electrical System.
 - a. Battery must be relocated to the passenger side floor or in the box of the truck: it must be totally enclosed in a box constructed of minimum 1/8" steel, secured to the floor with bolts, nuts and a minimum of 2" washers.
 - b. The battery box lid must be made of steel or a minimum of 1/2" in plywood, and must be insulated to prevent short-circuiting.
 - c. Stock ignition switches must be replaced with ON/OFF switch and a START switch that are clearly labelled.
 - d. All wiring must be insulated by wrapping a piece of rubber around where it passes through the firewall (i.e. radiator hose or heater hose). Wiring may not pass through the same hose as the fuel line, or be attached to the fuel line. All wiring must be secured to the car. Positive and negative cables must be insulated from each other.
 - e. A maximum 24-volt starting system is allowed
 - f. Distributors may be protected with one piece of maximum 1/2" flat plate. The plate must not be any more than 1" larger than the distributor cap on the sides or the top
- 16) U Joint may be installed in steering.
- 17) A roll over brace must be installed behind the drivers and passenger from roof to floor with 6"X6" plates welded on the ends and securely fastened by bolts.
- 18) **NO** air shocks or lift kits.
- 19) Tires are to be DOT approved. 16" rim and 10" wide maximum. 31" tall maximum with wheel weights removed. **NO** split rims.
- 20) All repairs to the truck must be of similar material. **NO** reinforcing allowed.
- 21) Seatbelts are to be a minimum of 2" lap belt.
- 22) All contestants must supply a bristle board flash card with their number on it. It should measure 3ft x 3ft with the numbers 2ft x 2ft. They should be white on black or black on white only.
- 23) All trucks must have their competition number on both sides of the vehicle. The front door should be used. If the front door has a brace, use the rear door or quarter panel. The numbers must be 24 X 24 high and 1" to 1 1/2" thick. The numbers must be clear. This rule is important and must be adhered to in order to pass inspection.
- 24) The official's word is the final word.