

DDOT 2009

FULL SIZE PICKUP TRUCK/SUV DEMO RULES

GENERAL RULES

The general rules apply to each driver and pit personnel. **DRIVERS' ARE EXPECTED TO KNOW THE RULES AND OBEY THEM.** The rules set forth have been designed to provide orderly conduct of the sport and are in no way a guarantee against injury, death, or theft to a participant, spectator, or official. These rules shall govern the condition of all events; and by participation in these events, all participants shall be expected to comply with these rules.

Absolutely no alcohol in the pit area before or during event. No fighting allowed. Officials' will not tolerate any profane language/gestures before, during or after the event. No hot-rodding or speeding in the pit area. The driver/owner is responsible for his/her pit crew and their conduct and safety. All driver's and at least one crewmember must attend the driver's meeting. Any of the above violations subject the truck that he/she is associated with to disqualification and asked to depart from the pit area immediately and may be rejected from other events. No refunds will be given for any reason.

OFFICIALS WILL RESOLVE ANY AND ALL DISAGREEMENTS. ALL DECISIONS BY THE OFFICIALS WILL BE FINAL. TRUCKS WILL BE RE-INSPECTED BEFORE ANY PRIZE MONEY IS HANDED OUT.

Ladies may compete with men. Driver's must be 16 or older to drive and must have a valid driver's license. All drivers' and pit crew between the ages of 16 and 18 years of age must have guardian's or parent's signature prior to participation. **NO ONE IN THE PIT AREA UNDER THE AGE OF 16 ALLOWED.** All driver's and pit crew must sign a release of liability.

A stick will be placed on all trucks competing, drivers' must break it when finished or told to do so. If driver is bending stick but cannot break it, officials' will break it. The stick may not be put back up after it is broken. If any door becomes open during demo you will be disqualified for your heat. All trucks not removed after the event will become the property of the promoter.

*****OFFICIALS RESERVE THE RIGHT TO REFUSE ACCESS TO ANYONE, OR ANY TRUCK THAT IS UNSAFE TO DRIVE*****

SAFETY RULES

1. **A FIRE COAT, GLOVES, DOT FULL FACED HELMET, EYE PROTECTION, AND LONG PANTS ARE REQUIRED WHILE DRIVING.** Driver's must wear seatbelt, full face helmet, keep arms in truck, and stay in the truck at all times, until a red flag is waved, and all the trucks have stopped, or the derby is over. Trucks must have at least one set of working brakes. **A SNELL 95 HELMET OR BETTER, NECK BRACE, AND FULL FIRE SUIT IS HIGHLY RECOMMENDED.**
2. **BATTERY** must be removed from stock position and installed inside passenger compartment. It must be bolted securely to the floor with large bolts, nuts, and washers. The battery must be secured over the top with a metal strap, original gas tank strap, or stronger material. No wire, ratchet straps, bungee cords, or sheet metal screws allowed to secure battery. These are only used to secure the cover over the battery. The battery must be covered with a non-flammable material. Any bolts to secure battery must be 3/8" to 1" and washers 1" to 5"x 5" this also pertains to gas tank, transmission cooler, and driver's seat all of these may be welded in also.
3. **BRACE BARS** must be a 2"- 6" square or round metal bar, 1/8" thick placed directly behind the driver's seat with a **MINIMUM** of 6"x 6" metal plate. The plate must be at least 1/8" thick and attached to the ends of brace bar and secured to truck by bolting, or welding to the heaviest part of doorpost. It is mandatory that a dash bar and two bars connecting from dash bar along both inside front doors to bar behind seat. A roll cage may be installed inside cab, but not under hood, and may be secured to the frame. A roll loop in the box up against the cab with kickers No farther back than the front of rear leaf spring bracket may be installed. There is no limit on brace bars as long as they are for safety. No added metal in, on, or between frame anywhere.

4. **TRUCK NUMBERS AND SIGN** must be placed on the roof of the truck no smaller than 15"X15", and must be able to be read from both sides. The passenger and driver's front doors must have numbers at least 18" tall. Both the sign and the doors must have a light background with dark colored numbers for easy visibility pickup rev. 01/08.
5. **TRUCK PREPARATION** It is mandatory that all glass be removed. Broken glass, dirt, and loose debris must be swept from the truck. Do not break the door windows and leave the glass in the door. The rear seats and interior must be removed, head lights, tail lights, tail lenses, **DASH**, chrome trim, interior and exterior door handles, door lock cylinders, license plate brackets, mud flaps, and trailer hitches must be removed prior to admittance to the race track. You may have a floor shifter and a hand throttle.
6. **DRIVING, DO NOT HIT THE DRIVER'S DOOR!!!** Do not use driver's door as a shield. Sometimes these do accidentally occur, but if it looks intentional, or careless, driver will be disqualified. No love taps, no hitting dead trucks or trucks with no stick, and no teamwork allowed. Drivers' must hit everyone. There is a 20-second **AGGRESSIVE HIT** rule on all trucks, and 60 seconds to restart or if hung up. **ANY VIOLATIONS COULD CAUSE DISQUALIFICATION.** The derby will be stopped for bumpers or axles in the arena, and removed for everyone's safety.
7. **DRIVER'S DOOR** Optional, a **MAXIMUM** of 12" wide, and **MAXIMUM** of 1/2" thick plate, 6" past door seam to brace outside of driver's door. The plate **MUST** conform to door and not stick out. No grader blades allowed anywhere.
8. **FIREWALL** Any holes in firewall must be covered with a non-flammable material to prevent competitor from being sprayed by hot oil, or water.
9. **GAS TANK** The original tank must be removed and a leak proof fuel cell or boat tank must be mounted in the center of the box bed behind the cab between frame rails for regular cab trucks. EXT. CABS and SUV models may be in passenger compartment behind driver's seat. No 5-gallon gas cans allowed. **A PLASTIC TANK MUST BE IN A 1/8" METAL BOX AROUND ALL SIX SIDES WITH A MINIMUM OF TWO 1/2" DRAIN HOLES IN BOTTOM OF BOX FOR PROTECTION.** The tank must be bolted or welded securely to floor with large bolts, nuts, and washers. The tank must be secured over top with a chain, original gas tank strap, or stronger material. Regular cab trucks must cut a 8" hole in box to run fuel lines through and **NO FUEL LINES IN CAB, ALL LINES MUST BE ALONG FRAME RAIL** (This is to prevent lines from rupture). EXT. CAB and SUV models, fuel lines may pass through cab. No bungee cords, ratchet straps, sheet metal screws, or wire allowed to secure gas tank. These are only used to secure the cover over the tank. The gas tank, electric fuel pump, and all fuel lines must be covered with a non-flammable material. Electric fuel pumps must be hooked up to your ignition switch, so when truck shuts off the fuel pump shuts off. There is a 6 gallon fuel limit.
10. **TRANSMISSION AND ENGINE OIL COOLERS** also must be placed in a metal box or have a shield to protect against ruptures and spraying of hot oil on driver. Regular cab trucks must bolt coolers in box between frame rails behind the cab, cooler lines must be covered and go under cab. EXT. CAB and SUV models may be installed in passenger compartment only if coolers and all lines are covered or shielded from the driver, with a non-flammable material (Including braided lines).
11. **WINDSHIELD BARS** must be welded or bolted on truck, to protect the driver (3/8" bolts, nuts, and washers **MINIMUM**). Two bars from the top of the windshield to the dash area, one must be in center of windshield and the other between the first bar and the driver's side. Bars must be a **MINIMUM** of 5/8" diameter or strap 1" wide 1/8" thick

TRUCK RULES

1. **ANY** full size 1/2, 3/4, or 1 ton LT Truck, SUV, Suburban, or Van may compete. No compact truck, foreign truck, or passenger cars allowed. 4x4's may compete with the front drive shaft removed.
2. **BUMPERS** must be an automotive or LT Truck bumpers and bumper brackets in any position may be used front or rear. No aftermarket bumpers, homemade bumpers, or bumper brackets allowed, they must appear stock. All trucks **MUST** have bumpers on front and rear. Two 4" wide 1/4" thick straps may be welded vertically from rear bumper to tailgate, weld 5" on bumper, and 5" on tailgate. Two 4" wide, 1/4" thick, 8" long straps may be welded horizontally on front and rear bumpers. Rear bumper welded from bottom of tailgate to the bumper and front bumper welded, from bumper to radiator support. Front and rear bumper may have wire in 4 locations, 4 strands from front bumper to radiator support and rear bumper to tailgate. Bumper brackets and bumper may be welded solid. Bumpers must be stock height, all models may raise front to level with rear, but if it looks too high it is, and it will have to be let down, or not run per judge's discretion.
3. **CAB AND BOX MOUNTS** may be removed. Body bolts may be replaced with a **MINIMUM** 5/8" bolt and a **MAXIMUM**, of 1" bolts. Four **ADDITIONAL** bolts must be added from cab to frame, and four bolts from box to frame or a **MINIMUM** of 8 **EXTRA** bolts to hold cab and box or body on. Washers 1/4" thick 6"x 6" on top and 3"x 3" on bottom must be added. Washers to hold cab and box to frame may not touch each other.
4. **ENGINE** and transmission of choice maybe used. Motor mounts may be welded, chained, or cabled and added solid engine mounts okay as long as it is not reinforcing the frame.
5. **EXTRA REINFORCEMENTS** No wire, sheet metal screws, chains, cables, bolts, or added metal unless specified in rules, **JUST WELD IT**.
6. **FENDERS** front and rear may be rolled, welded or bolted with no added metal.
7. pickup rev. 01/08
FRAME may not be reinforced, and no filling in holes on frame. The cab maybe welded to the frame and box to the frame and all riveted frame brackets. The very front 8" of frame and very back 8" of frame maybe reinforced no longer than 8" and no taller than the factory frame. No connecting the frame rails to each other with added metal. Frame may be repaired if broken. Use the same thickness of metal as frame to repair or just weld it. If patches are excessive in anyway they will be cut at judge's discretion.
8. **HOOD** must remain in factory position. The front two hood bolts must go through the front radiator support mount and frame with no spacer, all other hood bolts must be welded to body only. Hood may be welded solid with 3/8" filler rod, or **MUST** be bolted, or chained in a **MINIMUM** of 4 locations and a **MAXIMUM** of 8 locations. A 5"x 5" 1/2" thick washer must be used on top of hood bolts, to keep bolts from pulling through. The bolts must be **MINIMUM** of 5/8" or **MAXIMUM** of 1", (Bolts must not be directly in front of radiator), or **MINIMUM** 4 chains 3/8" thick. There must be one 12" hole cut into hood for fires and the tin maybe bolted or welded around each hole.
9. **RADIATOR** must remain in stock position. Radiator blow by tubes must be secured and remain pointing down at all times. No extra cooling allowed for radiators. Original or electric fans okay and ratchet straps may be used to secure radiator. Cooling fans must be covered by hood or removed. Top of radiator support may have one piece of angle iron 2"x 2" 1/4" thick from fender to fender, and two 2"x 2" 1/4" thick angle iron or square tube, from radiator support to top of frame in front of control arm/A-frame. Air conditioning condenser may be welded to front of radiator support.
10. **REAR END** and front end must not be larger than 1-ton LT Truck. Rear end only maybe reinforced and hybrid rear ends allowed. No reinforcements on front axel. The rear end may be tied to the frame in two locations with 3/8" cable or chain. Leaf spring trucks must have a 2" stager, and no double main leafs. A **MAXIMUM** of 11 leaf springs on rear axel and 5 leafs on front axel. A total of 3 spring helper clamps in front of axle and 3-rear of axle per side on front and rear leafs. These clamps must only be a **MAXIMUM** of 2" wide, 5" long, and 1/4" thick. The leaf spring mounts may be welded to the frame front, and rear. Welded or posi-track rear end is highly recommended.
11. **SHOCKS** may be welded solid.
12. **STEERING** tie rod ends must be stock, the center section of tie rods may be reinforced. Steering columns maybe welded in and altered to prevent steering loss. All suspension components must remain stock and may not be reinforced. A-arms maybe welded or bolted to the frame to raise front end and prevent them from falling off.
13. **TAILGATE** must be chained, bolted, or welded securely to box or removed.

14. **TIRES** any ply with a **MAXIMUM** of 31" height. Tire inside a tire, tubes, solid tires, implement tread tires, valve stem protectors and grease on tires are all okay. No water or other ballast in tires, studded tires, dual tires on rear, split rims, paddle rims, or reinforced rims. All wheel weights must be removed.
15. **WELDING** All cab and box seams interior and exterior may be welded. The cab and box maybe welded together, and use a fill material to fill in the gap between the cab and box. Doors and tailgate may be welded with metal no more than 3" wide **MAXIMUM**. If doors and tailgate are not welded, they must be bolted, or chained, with same size bolts or chains as hood, **IN A MINIMUM OF 2 LOCATIONS PER DOOR OR TAILGATE** for safety. Tops of doors may be beat down and welded with no added metal. Rust holes or metal tears may be patched. Use a **MAXIMUM** of 1 layer of stock metal to patch rust or tear use only enough metal to patch hole or tear or just weld it.

REMEMBER JUST WELD IT

Mike Murray, DDOT, LLC
Home: 402-652-3832 or Cell: 402-719-0809
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