

2022 Weld Truck Demo Derby Rules

TNT Demolition Derby, LLC

If you have any questions with the rules, CALL FIRST. Do NOT assume anything, do NOT play the grey areas. The official's decision is final. Call Todd Sorensen at 231-425-6990 for building questions.

Vehicles Allowed:

Any full-size passenger truck type vehicle – pickups/suburbans/tahoes/ Broncos and vans.

No dual wheels.

4X4 trucks are allowed.

No front drive shafts allowed to be ran if vehicle is 4WD.

NO STRAIGHT FRAMES ALLOWED. NO WEDGE VEHICLES ALLOWED

General Preparation:

All glass, plastic and pot metal must be removed. Nothing may remain in the bottoms of the cab or doors.

1/2in thick - 5in wide x 24in long piece of steel can be added to each frame rail on 1/2 ton Trucks only.

All outer hardware must be removed - door handles, mirrors, chrome, moldings, screws, fiberglass, etc. No added weights to any car.

Rear seats in all trucks and all decking in suburbans, Tahoe and bronco (etc.) must be removed.

Front seats must be securely bolted to the floor; however, these bolts may NOT go thru the frame! You must have a functioning seat belt. No shoulder straps connected to lap belt.

All flammable materials must be removed from the truck, suburbans, tahoe and bronco (etc.) other than safety padding and the driver's seat.

If you not running a full cradle, you are allowed a 2" x 2" kicker on each side of the frame to the middle of the engine saddle

Tires, Rear Ends, and Brakes:

No split rims, studded tire. No dual tires. Each truck will have 4 wheels max. Weld in centers are allowed 9" max. Stock centers maybe cut out and inserted into another stock rim. Rims may not be reinforced.

Valve stem protectors are allowed. Valve stem protectors are not meant to strengthen rim in anyway.

Any tires are allowed.

No rear ends larger than a 8 bolt floater. You may have 1 chain per side of rear axle to wrap around axle and frame. This chain may not exceed 7/16" chain and 1-7/16 bolt and nut. No welding of chain. This chain is to restrict suspension travel.

Rear leaf springs may not be re enforced in any way, shape or form. This means weld, tape, bolt, wire, chain (etc.). You may run 4 homemade spring clamps per side of truck (rear leafs only). Each clamp will be allowed 2- 3"X6"x3/8" max plates, 4-5/8 washers and 2- 5/8 bolts and nuts max. No welding.

Bumpers / Push Bar:

You may run a push bar or a car bumper on the front only. ONE OR THE OTHER NOT BOTH.

Loaded bumpers are allowed. They must be loaded completely inside the bumper. No added materials to the outside of the bumper besides seam welds.

Any factory holes on the bumper must remain open.

Car Bumper

-Any automotive bumper allowed. Bumper maybe seam welded and stuffed. Holes maybe filled in with plate and weld.

-DEC replica bumpers or homemade bumpers covered with factory skins will be allowed.

-Bumper ends must be rounded and smooth. No sharp or jagged edges allowed.

-Bumpers must weld directly to frames. You may use two 2" x 6" x 1/4" straps per side of bumper to weld from bumper to frame. This means 3" on the bumper and 3" on the frame. No other material maybe added or used.

Push Bumper

-Factory bumper maybe welded to the frame. Push bar will consist of 2 vertical bars, 2 horizontal bars and 2 kickers max. Over all height may not be any taller than the top of the core support. The bars may not exceed 2" diameter and 1/4" thick. The horizontal bars may not extend past the outside width of the front frame rails. The vertical bars may not sit any farther forward than the back of the front bumper. The kickers may only come off the top back of the push bar and be angled into the engine compartment. They may only mount to the top of the frame. No further back than the center of the upper ball joint. The push bar may be welded or bolted to the frame only.

Body:

No welding, bolting, wiring, taping or chaining of body unless stated. No adding metal or any other material to strengthen body unless state.

Body shaping is not allowed. No folding metal over to create a double effect, this includes tailgates.

No doubling of body panels allowed, no added metal to body. No bolting metal together unless stated.

Doors may be welded, chained, wired or seat belted together only. If wiring, chaining or seat belting doors shut you are allowed 10 spots max. No fastening around frame or cage. If welding doors shut you may use up to 1/4" flat stock max by 4" wide max. Only outside of doors maybe welded.

Welding box to cab is allowed, full height of the box only. Flat stock steel only, 1/4" max thick and you may overlap the factory gap by 3" in each direction max.

Quarter panels and inner wheel wells maybe welded to box floor in only the 2 following ways: 1) you may weld 25-3" welds per side of box max. 2) You may use 25-2"x3"x1/4" max plates max. Welding may only be done on the inside of box. Suburbans, Tahoe, Broncos (Etc) may weld as well but must be no further forward than rear door seam (DOOR MEETS QUARTER PANEL)

