

4WD PROMOTIONS LIMITED WELD TRUCK RULES 2022

Changes for 2022

No politics on the trucks.

No all-black trucks. We will be adding a beauty contest. Winner decided by the crowd.

COMPETITION RULES

- Any questions, **CALL FIRST**. Don't assume anything. The Officials decision is final.
- **THERE IS NO ALCOHOL IN THE PITS**. This includes pit crews. If you or ANY of your crew is caught with alcohol, you will be disqualified and removed from the grounds.
- No hot rodding in the pits. Keep it at an idle.
- Drivers must remain in the vehicle with helmet, seat belt, and eye protection on at all times during the race.
- You must make an **AGGRESSIVE HIT** every 60 seconds.
- Sandbagging will not be tolerated. The fans pay to see a show, put one on for them!
- Driver's door hits are illegal. If the hit is deemed by the official to be careless or intentional, you will be disqualified. If you use your driver's door as defense, we will not enforce this rule. If you use your driver's door as defense repeatedly you will be disqualified.
- Any open door will be cause for disqualification.
- You are allowed one fire. A second fire during the same race will be cause for disqualification. You may return in later rounds unless officials deem your vehicle unsafe.
- In event of any type of fuel leak you will be disqualified and removed from track immediately.
- Team driving will not be tolerated.
- All cars are subject to a post-race inspection before prize money is awarded.
- If you feel that a competitor's vehicle has been built above and beyond what is allowed, you may protest the vehicle. You must be a driver to protest. The protesting driver must have competed in the same class as the driver he/she is protesting. Protest fee is \$100. This protest must take place immediately at the conclusion of the feature event. Fee must be paid to an official before any protest inspection will take place. If the vehicle in question is deemed to be illegal the protesting driver will receive the \$100 back. If the vehicle is found to be built within the rules, the driver of the protested vehicle will get the \$100.

ALL COMPETING VEHICLES

- **NO POLITICS ON TRUCKS**. You will have to repaint or you won't run. This is supposed fun. Don't bring any of that bullshit to the track!
- No all-black trucks.

- All vehicles **MUST** have approved seat belts. Track officials will be checking to make sure driver is properly secured before entering track
- All vehicles **MUST** demonstrate the ability to stop at all times. If your brakes don't work you will not compete.
- All vehicles **MUST** have a roof sign, Minimum 15" x 15", Maximum 24" x 24", contrasting colors.
- **NO PAINTING, BUFFING, OILING OR UNDERCOATING OF FRAMES. THESE CARS WILL NOT BE INSPECTED OR ALLOWED TO COMPETE.**
- **NO PROFANITY OR OBSCENE PICTURES ALLOWED.**
- **ALL GLASS, CHROME, MIRRORS, MOLDINGS, LOOSE TRIM, SEATS, ECT. MUST BE REMOVED BEFORE ARRIVAL AT THE RACETRACK. IF IT CAN FALL OFF, TAKE IT OFF!**

POST RACE REPAIRS (IF RUNNING HEATS)

- Unlimited #9 wire
- All cars will be re-inspected prior to feature

These rules are basic and easy to follow. If you don't see it in the rules then don't do it. If you have questions call/text/email. 4WDINSPECTION@GMAIL.COM 847-665-9887

TRUCKS

½ ton and ¾ ton trucks and SUV's only. Four-wheel drive trucks are allowed but the front drive shaft **MUST** be removed. No 1 ton, utility beds, flat beds, or dual wheels are allowed.

- Trucks should remain looking like trucks. Bed sides must remain in the stock position. Suburban's may not be sedagoned.
- **NO BODY SHAPING/CREASING**
- Pre-ran trucks will be allowed. Contact an official if your truck doesn't meet these guidelines.

BATTERIES

- Any 2 automotive batteries are allowed. They must be relocated to the passenger compartment, and securely fastened and covered.
- You may use aftermarket or homemade battery box. These may not strengthen the truck in any way.

RADIATORS

- Any automotive radiator may be used but **MUST** be mounted in stock position. You may compete without a radiator. If you choose to run without, you must run on water in engine block only.
- **NO RESERVE TANKS OR RADIBARRELS ARE ALLOWED**
- You may add 1 piece of 1/8inch thick expanded metal to the core support in front of radiator. Nothing excessive. May only be on the front side of the radiator. It may be welded or bolted in. You may use six, 1-inch max welds or six, 3/8-inch max bolts with twelve 3/8-inch max washers to fasten. These may be attached to the core support only.
- **NO FULL RADIATOR ENCLOSERS OR FRAMES ALLOWED**

ENGINE

- You may run any motor in any vehicle.
- Must be mounted with stock factory rubber mounts.
- Engine mounts may be welded in.
- You may add 6x6x1/2inch max plate to mount engine. 1 per side
- Number 1 spark plug must be in line with or in front of upper ball joint.
- For trucks with no engine crossmember you may weld a box off the frame to support the engine. These may not act as kicker or extra reinforcement.
- You may run an engine cradle. Must be bolted to stock motor mounts. No pulley protectors allowed.

TRANSMISSIONS

- You may run any transmission in any vehicle. Trans must be in a stock case. No aftermarket bellhousings or trans tails allowed.
- You may use an aftermarket trans crossmember. 2x2x1/4 tube max
- You may relocate the trans cross member.
- Crossmember may be relocated using 2x4x1/4 thick angle welded **OR** bolted to side of frame. If bolting, you may use two 3/4in max bolts per side to attach angle to frame.
- You may use one bolt 3/4in max to bolt crossmember to the angle **OR** the crossmember may be welded to the angle
- You may strap or chain your trans to the crossmember. These **MAY NOT** strengthen vehicle in any way.
- Aftermarket shifters allowed. **MAY NOT** strengthen vehicle in any way.
- Trans coolers are allowed. **MAY NOT** strengthen vehicle in any way.
- **NO PROTECTORS OF ANY KIND ALLOWED ON TRANMISSION**

FUELTANKS

- You **MUST** have fuel tank relocated from stock position to front of bed or passenger compartment.
- Must be mounted in front of rear axle.
- Aftermarket fuel tanks are recommended.
- Tanks must be securely fastened.
- Tanks may be fastened to floor sheet metal or cage.
- Tanks **MAY NOT** strengthen vehicle in any way.
- All tanks must have a secure cap.
- All fuel lines must be covered to protect from punctures.
- Metal or braided lines recommended.
- Fuel tanks will be allowed a protector. Must be at least 6 inches from any sheet metal (see section on cages)
- **ELECTRIC FUEL PUMPS** of any kind must have a shut off switch that is clearly marked. In case of an emergency the switch must be easily accessible from outside the vehicle.
- Fuel system must be safe. Inspectors have final discretion

REARENDS

- ANY stock ½ ton, ¾ ton, or passenger car rear end (8 lug or less)
- Gears may be welded
- Mounts must be stock. You may weld on factory mounts to any rear end (IE. Chevy to dodge/ford/etc.)
- You may weld leaf spring perches onto rear end.
- No other welding on rear ends. (Do not weld tubes to center section)
- Pinion Brakes are allowed.
- **NO BRACING OF ANY KIND ON REAR END**

DRIVESHAFTS

- Aftermarket or homemade driveshafts allowed
- Sliders allowed

FRONT SUSPENSION/STEERING

- Stock front suspension for that year/make/model only (NO STRAIGHT AXLE OR LEAF CONVERSIONS)
- No reinforcing of suspension parts
- You may weld **OR** bolt down a-arms. **NOT BOTH** 1x6x1/8inch max strap. 2 per side. If bolting you may use 1inch max bolt. One per side. Bolt may not be welded to frame in any way.
- All steering components must be stock with the exception of the column.
- Aftermarket steering columns will be allowed.

- Stock tie-rods may be reinforced. You may use 1x1x1/4inch angle **OR** 1/2inch rebar. No aftermarket or homemade rods or ends.
- You may remove the rag joint. You may bolt stock components back together with (2) 3/8inch max bolts.

REAR SUSPENSION

- Leaf spring vehicles must use stock springs for the year/make /model.
- Leaf spring vehicles may add 3 loops of #9 wire in 4 places on each spring.
- No other homemade spring clamps allowed
- No adding leaves.
- Coil spring vehicles may change rear coils; however, you must use rear springs.
- **NO FRONT SPRINGS IN THE REAR**
- You may add 4 max store-bought twist in spring spacers per spring to coil springs
- You may use #9 wire to hold the springs in. Wire may go from top coil to frame and bottom coil to rear end. Nothing excessive.
- You may change lower control arms; however, stock arms only. No reinforcing. No shortening.

FRAME

- **ANYTHING CAN BE REMOVED. NOTHING CAN BE ADDED UNLESS SPECIFIED**
- Frames are to remain factory original. No welding, bolting, or adding any substance/material to frames
- All frames will remain unpainted/undercoated
- No boxing of frames allowed
- No pinning of frames in any way. Only crossmember angle and stock components may be bolted through frames in stock locations
- All trailer hitch components must be removed
- You may add 4loops #9 wire or chain 3/8max between rear frame rails to keep rails together. **CHAIN MAY NOT BE WELDED**
- **NO CONTURING OR SHAPING OF FRAME IN ANY WAY**
- Rust repairs will be dealt with on a case by case basis. Contact an official before adding any patches.

BODY

- You will be allowed to replace all body bolts.
- The front two can be 1" max. These may go through the core support and hood. (5) 1inch max store-bought washers and (5) 1inch max nuts per rod. (1) 5x5x1/4inch plate per core support rod.
- **ALL CHANGED BODY BOLTS MUST REMAIN INSIDE OF FRAME**

- On pickups you may bolt the bed to the cab in 4 places. (4) 3/4inch max bolts. (1) nut per bolt. (2) washers per bolt. (2) 5x5x1/4inch plates per bolt.
- No welding cab to bed.
- Vertical door and tailgate seams may be welded or wired. 6 inches max of weld per seam. Drivers door may be welded 12 inches max per vertical seam. You may use strapping. 1/8inch x 2inch max.
- If you choose not to weld you may use #9 wire or chain to secure doors and tailgate. Vertical seams only. 4 spots per vertical seam max. 3 loops of wire max, each spot. 1 loop 3/8 chain max, each spot. None may go around the cage in any way.
- If you are using wire you may weld 1inch max store-bought washers to doors/fenders. 8 washers max per seam. (4) 1/2inch welds per washer.
- You may run with the windshield intact.
- If you remove the windshield you must have at least 1 piece of wire or chain from roof to cowl. You may have a max of 2. Chain links may not be welded together to create a solid bar. Neither may strengthen car in any way.

HOOD

- You may add 1inch rod through the hood and core support. (see above)
- Hood may be secured in 6 spots total. If using threaded rod in the core support these will count as 2 spots.
- For the other 4 you may use bolts or wire. 3/4 inch max bolts
- Hoods must be open for inspection
- You must have 2 holes in hood on both sides of carb in case of fire.
- If the vehicle is equipped with mechanical fan you must have the hood on to compete or the fan must be removed.

BUMPERS

- Any factory bumper will be allowed front and rear
- Front Bumpers only may be aftermarket. Must appear stock.
- You may use tubing in place of bumper. 4x6x1/4inch max
- **Front** bumpers may be loaded
- You may not add anything to the outside of the tubing or bumper.
- Bumpers may be welded directly to frame.
- On the **FRONT** you may weld a strap 2x6x1/4inch from frame to bumper. 1 strap per side. May not act as a kicker in any way. You may also use 3 loops of #9 wire or chain 3/8 max in 2 spots going from bumper to core support. None may cross in front of radiator. Chain may not be welded to form a bar.
- Bumpers may not extend past fenders. Trim to fit.
- Truck will sit close to level, 25inches max on the front and 20inches minimum on the rear. This measured at the lowest point of frame where the bumper is welded.

CAGES

- A cage for driver's protection is required.
- Door bars can be no longer than 60inches. They may not protrude through the cab into the bed of the truck.
- The seat bar must be no further than 6 inches behind the seat.
- Halo bar behind the driver's seat is recommended. Halo bar is for driver protection only. Halo bar is not to be used for re-enforcement.
- You allowed 2 down bars per side. These may go to sheet metal only. 4x4x1/4inch max
- **NO KICKERS.**
- A gas tank protector is allowed if mounting tank to cage. May be welded or bolted to seat bar. (4) 1/2inch max bolts. If the tank is mounted to the floor, no protector is allowed.
- Gas tank protector may be no larger than 24inch wide. Must be minimum 6 inches away from any sheet metal at start of the show.

WHEELS AND TIRES

- Any off-road or highway-approved tires are allowed
- No studded solid or foam filled tires
- No paddle tires
- No split rims
- Doubled or tubed tires allowed
- Wheel weights must be removed inside and out
- Valve stem protector allowed
- Weld in centers allowed
- No bead locks or screwed tires of any type allowed
- 6 lug max pattern