2027 FULL CONTACT RACING IRON TRUCKS

1. General:

1. Only 1 ton or less Standard Truck, Suburban, Blazer, Bronco type vehicles are allowed. If you are in question, please call first.

2. All glass, plastic, and pot metal must be removed. Nothing may remain in the bottom of the doors, bed, or floor board. All outside hardware must be removed (door handles, mirrors, chrome, molding clips, screws, fiberglass, etc.) All fiberglass roofs or shells must be removed. All wheel weights must also be removed.

3. No added weight to the truck except the weld.

4. Seats must be securely mounted to the floor and must have a working seat belt that is securely fastened ideally to the stock mounting holes due to factory reinforcement. If at any time during competition you remove your seatbelt you WILL be disqualified. We do not want you to get ejected from the truck. If you only want a lap belt please remove all shoulder harness hardware and shoulder portion of belt. If it is a one-piece belt please use a different seat belt instead of a knot in the belt. You will not be allowed to just shove it behind you in case of fire. All trucks MUST have inner padding on the driver's door.

5. All flammable materials inside the truck must be removed except necessary safety padding and seat.

6. Your number must be at least 18 inches tall and must be painted on each side of your truck.

7. ALL TRUCKS MUST BE COMPLETE BEFORE BEING INSPECTED. ONCE INSPECTED YOU ARE NOT ALLOWED TO TAKE YOUR TRUCK BACK TO THE PITS

TO WORK ON THEM.

2. Fuel Pumps:

1. Externally mounted electric fuel pumps are allowed. ON/OFF switch must be located on the dashboard or dash bar so that they are easily reachable for the officials. Switches must be painted in a fluorescent type paint making them stand out from other switches. Safety will be determined by officials on racing fuel cells.

2. If you run an electric fuel pump you must paint a high contrasting E on preferably the rear pillar on both sides of a truck or just after your number on each number. This is to help officials easily identify a truck that has an electric fuel pump in the event of a fire or rollover, so we can get it shut off.

3. Tires:

1. You may use ANY tire and you may tube, glue, tire inside of tire, flappers, and use recaps). No solid tires. Tires must hold air.

2. You may weld valve stem protectors, Bead locks, and have weld in centers,

4. Brakes:

1. All trucks must exhibit the ability to stop before entering the arena. If a truck loses its braking ability it may be subject to disqualification.

2. Gas / brake combos are allowed.

5. Engines and Protectors:

1. Any engine / transmission combination may be used as long as they are within 5” of the stock engine location

2. Lower engine cradles with front plate will be allowed. A Lower crank pulley protector will be allowed to cover the lower half of the pulley. They may only be attached to the engine and one point on each side of the engine not to exceed the footprint of a factory mount. Cradle may not be welded to or attached to any other part of the frame or cross members. NO distributor protectors or engine halos.

3. For trucks without a factory engine cross member you may use a factory cross member or a piece of channel stock or square tube not to exceed 8” wide and mounted in between the frame rails. material used must not exceed the thickness of the frame. It must be mounted directly above the front axle and cannot be wider than the frame at this point.

4. Two additional motor tie downs may be used. No more than one fastener on each side of the motor may be used. If straps are used, they may only be welded up to 3 inches total per side on the cross member only. That section that is welded to the frame may not be any thicker than ¼ inch x 2” x 2” angle.

5. 4.Transmission protectors, braces, Skid plates are allowed. MAY NOT BE ATTACHED TO FRAME. ONLY TO 2”X2”X1/4” TRANSMISSION CROSSMEMBER.

6. Slider drivelines may be used.

7. Aftermarket steering and steering columns are allowed. Control arms and connecting rods may be reinforced.

FOR USE BELOW:

1. All exterior door seams may be welded. Side window openings at the bottom of the window may only be welded with up to 2” x ¼” flat strap. All FACTORY Hood seams may be welded.

2. Beds MUST be welded to the cab with up to 4” x ¼” flat strap.

3. A secure net is mandatory for the back window of single cab trucks to prevent whiplash.

4. All tailgates may be fully welded. And must remain in the factory location

5. Only two-wheel drive may be functioning.

6. No inner seam welding or alterations to strengthen the frame. You may weld the firewall to floor seam.

7. If you bend your bed sides down you MUST have two kickers from the top of the halo

bar to the cross bar behind the gas tank.

8. You may fold the truck bed sides down behind the wheel well and run a 1” bolt through the frame and bedside with a max 3” washer on each side. You may not cut the bedsides off.

9. You may replace up to 4 body bolts in the cab and 4 in the bed area with 1” bolts up to 8 inches long with a nut and washer on both sides using washers that are no larger than 3 inches.

6. Doors and Windows:

1. All EXTERIOR door seams may be fully welded.

2. DOOR WINDOW seams may be pinched and welded where the windows come up through.

3. You may use a screen or netting over the driver's side front window and driver’s door only.

4. If your truck does not have a headrest you must have a net covering the area behind the seat in the back window.

5. Tailgate may be lowered to cover the frame rails if removing the rear bumper.

6. You may cut and roll the fender for tire clearance. You may use up to three 1/2” bolts.

7. You must have a minimum 30” x 30” hole cut in the hood for inspections and fire protection. You may bolt around the opening within 3” of the opening every 12” with 1/2” bolts.

7. Safety Bars:

1. You may use channel or tubing/pipe up to 6" O.D. for Dash & Rear Bar . Side bars can be up to 10” tall x 6” wide channel or tubing. If using double side bars they must be within the 10” rule outside to outside. Side door bars may not go past the front dash bar more than 4” or past the rear gas tank bar more than 4”. End plates are mandatory with a max of 10”x10”, up to 1/4” thick. Any location where 2 pipes meet may be gusseted

and must be gusseted inside the cab. You may use up to a 8” x 8” gusset.

2. A halo bar is required and must be out of up to 4” OD Pipe or Tubing. The halo can come from the floor inside the back part of the cab or off the floor of the furthest front portion of the bed. You can have up to 2 bars connecting your halo to your dash bar, but must use the 4” OD halo rule.

3. Pipes cannot be fence, galvanized, exhaust style pipe/tubing.

4. You must run bars either on the inside of the doors or inside the cab. They must be mounted within 6” of the door.

5. You may weld a plate a Maximum of 10" wide across the driver door for protection, not to exceed 6" past the exterior door seams. This plate must be run horizontally

6. For Trucks your cage must resemble the cage pictured below. This includes the down bars.

7. There may be Two down bars from the CAGE attached to the Frame, and must be vertical. (2)Two Front down bars from the dash bar must be vertical, these may be welded to the floor of the cab, not the frame. The two Rear down bars may be placed in the rear of the cab or, no further back than behind the cab in bed and must be vertical. NO KICKERS OR ANGLED DOWN BARS to the frame. These are the only bars that may be welded to the frame.

8. All bars and posts in the proximity of the head must be padded.

9. Overall safety will be determined by the officials at time of inspection.

8. Bumpers:

1. Stock O.E.M. bumpers off of a passenger car or truck may be used. All OEM bumpers may be loaded internally. Chrome may be welded to the inner bumper box.

2. Front/back bumpers may be switched using a OEM car or ¾ ton or less bumper or you may use a homemade bumper following the diagram provided 5x5” with a max of 12” point from the back side of the tube. Bumper may not exceed 10” past outside frame

rails. If truck has a beam type bumper it may not be welded to the body.

3. Bumper heights to the top of the bumpers may be no higher than 32” at the highest point & no lower than 16” at the lowest point. Also you may add two 4” x ¼” flat strap or two 1” cold rolled from your hood to your bumper, you may weld a total of 10” on the bumper and 10” on the hood each.

4. If using pipe or tubing in place of OEM bumper brackets/shock the max size is 18”×3-1/2”×1/4” OR 18”x4”x3/8” straight flat plate.

5. Only one bumper bracket per frame rail is allowed. The front bracket may be welded and/or bolted no more than 18 inches from the front of the frame. This applies to the rear bumper bracket as well.

6. Compression bumper shock tubes may be compressed and welded.

7. Trailer hitches and framework aftermarket or not must be removed.

9. Frame:

1. THERE IS NO WELDING OF OR TO THE FRAME ALLOWED OTHER THAN what is specified in the Rules.

2. Front frame may not be shortened more than 3” or to within 1” of original core/radiator support. Rear shortening of the frame rails is allowed. You may notch the frame but may not weld the cut back together.

3. All body mounts (rubber biscuit and cone, pucks) may be removed.

4. No Buffing, grinding or packing of frames

10. Radiators & Radiator supports:

1. Only OEM style passenger car or truck radiators may be used. Aluminum racing of the same style may also be used. Radiator hose loops may also be used.

2. Radiator FIN area only may be sleeved in a light expanded metal. It may not be fastened to any part of the truck.

3. Radiators must stay close to the stock position in front of the motor. (No added water

capacity).

4. Engine coolants are allowed. only Water. No antifreeze.

5. Upper Radiator supports may be welded to the hood using a 6-inch total weld only or may be bolted with two bolts with fender washers. No more than two bolts may go through the upper core support. And none if you weld it.

6. Lower Radiator support body mount bushings may be removed and replaced with a max. 1" bolt diameter. Bolt may go up through the upper core support or hood to be used in #5 above.

7. Radiator support may not be welded to the frame, bumper, bumper brackets or anything else.

11. Gas Tanks:

1. Original gas tanks must be completely removed from the truck.

2. A marine type tank or fuel cell must be used. NO plastic gas tanks will be allowed, with a maximum size of 7 gallons.

3. You must have your gas tank securely mounted at the front of the bed with a minimum of four fasteners and covered. Seat belts or "pull" type straps may not be used for anything besides the cover. Otherwise it must be mounted behind the seat using the same mounting instructions.

4. Fuel lines must run inside the truck. Original gas line inside the frame cannot be used. You may run this line through a secured pipe where it runs between the bed and the cab.

5. Overall safety will be determined by officials at time of inspection.

12. Batteries:

1. Must be securely mounted inside the truck in a box and covered.

2. Battery Box cannot be made out of plastic; Seat belts or "pull" type straps may not be used except for the cover.

3. Battery Box cannot be bolted thru or around the frame.

4. 2 Batteries may be used.

5. Overall safety will be determined by officials at time of inspection.

13. Air Cleaners:

1. You must have an air cleaner over the carburetor at all times during the event.

2. No starting fluid will be allowed.

14. Suspension:

1. Only 7 leafs in the front and 11 leafs in the back will be allowed. If building leaf Packs you must use oem style leafs (no flat stock) 3" stager on each end of each leaf is required. Leafs may not be thicker than 3/8" and no wider than 3.5" There will be some exception to this rule if leaf packs are 100% stock for a 1 ton pickup. Only 1 ton truck suspensions or smaller will be allowed.

2. If you are converting coil springs to leaf springs you must remove ALL coil spring components and brackets. Your leaf spring mounts must be OEM style or equal and may be mounted to the bottom or side of your frame. If building mounts and hangers you must use 1/4" thick or less and MUST resemble a stock spring bracket.

15. Rules for Previously Run Trucks

1. You may re-stub your truck frame. Using a factory frame of same thickness, no c-channel. You are allowed up to (8) 6" x 8" x ¼" plates. If you re-stub this counts as 2 of your plates. You may not cut the plates and use the excess elsewhere.

2. You may cover any body holes / tears for safety, using like size material no more than 2" past the hole / tear. does not apply to frame repairs

3. bumper heights will be inspected and safety will be determined by the judges.

If you have other pre-run questions, call first before you fix it!

Overall safety will be determined by official at time of inspection.