

V&R MOTORSPORTS

TRUCK RULES 2025

******THESE ARE THE RULES, THEY ARE NOT SUGGESTIONS. YOU MAY NOT DO ANYTHING THAT IS NOT SPECIFIED IN THE RULESET. THIS IS WHAT YOU MAY DO TO PREPARE YOU VEHICLE FOR THE DERBY. EVERYTHING NOT LISTED IN THIS RULESET CANNOT BE MANIPULATED OR ENHANCED, MUST REMAIN STOCK. IF YOU ARE UNSURE OF SOMETHING OR IF YOU HAVE ANY QUESTIONS PLEASE CALL BEFORE YOU DO IT!**

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PLEASE ALLOW AT LEAST UP TO 24HRS FOR A RESPONSE

PREPARING YOUR TRUCK

- ALL GLASS MUST BE REMOVED.
- STOCK GAS TANK AND SPARE TIRE MUST BE REMOVED.
- BATTERY MUST BE REMOVED AND TRANSFERRED TO INSIDE OF CAR
- NO USE OF PLASTIC GAS TANKS, OR MILK CRATES FOR BATTERY BOX
- ALL ORIGINAL TRIM, HEADLIGHT AND TAILLIGHT BEZELS MUST BE REMOVED.
- OFFICIALS RESERVE THE RIGHT TO HAVE YOU "CUT" OPEN OR INSPECT ANY PART OF THE VEHICLE BEFORE, DURING, OR AFTER EVENT.
- OFFICIALS DISCRETION IF FINAL!

TRUCKS LEGAL TO RUN IN THE EVENT

- NO VANS, HEARSE, MILITARY VEHICLES OR 1 TON TRUCKS

CAGE AND DOOR BARS RULES

1. Side bars are mandatory. Side bars may touch the fire wall and be welded to it and welded to rear of cab, if you are running 4 door truck or SUV side bars may go no further than middle of second door, door bars may touch the floorboard and cannot exceed higher than the window channel on the door.

2. No more than 2 cross bars they may be no bigger than 6" X 4" X 1/4 inch thick square tubing. One in front where the dash goes and must be at least 6 inches from fire wall and/or distributor protector. The other 2 bars must be placed behind driver's seat. Front dash bar must be a minimum of 4" off the floor or transmission brace.
3. The front bars may have two kickers going to frame and welded to top of frame only, not to exceed center of front axle and must be not exceed more than 2" X 2" X 1/4 inch thick square tubing.
4. x4 down bars may be connected to frame, welded to top or side of frame only with 2" X 2" X 1/4 inch thick square tubing. Bars must be mounted within the interior cage dimensions.
5. Halo bars are mandatory. Halo bars must be in a vertical position (90°). Halo bars may be welded to side bars or cross bars 2" X 2" X 1/4 inch thick square tubing may be used as a bar. Halo bars may be welded to roof, and it may be bolted with for 4 - 5/8 bolts with washers.
6. Halo bars above the cab must have 2 kickers from halo bar down to frame at a diagonal angle and may be welded to top of frame no further back than the center of the factory axle centerline with 2" X 2" X 1/4 inch square tubing. Same rule applies on SUV's and extended cabs.
7. 2 front window bars are mandatory. Bars must be positioned in window seam area. 2" maximum material may be used window bars can connect to halo bars. Must be a minimum of 4" away from distributor protector.
8. Driver's seat may be welded to the floor and cannot be welded or bolted to the frame. No plate is allowed under driver's seat.

Bumpers and Brackets

1. **You can use any oem 5 mph bumper, or loaded replica bumper on any truck (DFC, Amish, Drags, Smock Fab, etc.)**
2. Bumper seams may be fully welded.
3. Bumpers may be trimmed and/or flipped.
4. **Homemade bumpers may be made out of 8" X 8" tubing. Bumper cannot go past the width of the fenders, and must have no sharp points on the ends. Point on bumpers cannot exceed 15" from back of bumper to point, only 1 point per bumper, must taper from frame rail to center. All bumper "faces" must be smooth/flat with no sharp edges.**

5. No adding point to homemade bumpers on the rear of truck, rear bumper must be mounted within a 50-90 degree angle.

1. **Bumpers may be loaded, may use reproduction bumpers such as Amish pointy, Drags,DFC, or homemade.** All work to bumper must be done on interior of bumper all sides of bumper must be smooth.
2. Bumpers may be installed using 6" L X 6" W X 1/2 inch thick flat mounting plates, must be welded to the bumper then welded to the bumper bracket.
3. Brackets may be no longer than 14" L X 4" W X 1/2 inch thick flat plate or 14" L X 2" X 4" X 1/4 inch thick square tubing/channel or 14" L X 4" X 2" X 3/8 inch thick angle iron.
4. **Front bumpers may have (x2) 18" L X 3" W X 1/4" inches thick flat strap. Straps must be vertically positioned and welded 6 inches to the bumper and 6 inches to the core support to help hold the bumper on.**
5. No angle/corner gussets on bumper brackets to the bumper.
6. **Maximum length of homemade bracket must be 14 inches long front and rear.**
7. Bumpers in rear of truck may be welded to the tailgate solid with 1/2 inch thick filler rod or 2" X 3/16 inch thick flat strap may be used.
8. Bumpers may be no higher than 20 inches from the bottom of the bumper. Used trucks bumper height; will be at the official's discretion.
9. **Rear bumper height can be no lower than 16" to the bottom of the bumper/frame.**

MOTORSPORTS

Radiator

1. Radiators must be stock automotive radiators. Radiators must be brass, copper or aluminum.
2. No homemade steel radiators or steam tanks. **Radiator must be in stock position. Radiators may not be welded in.**
3. Ratchet straps, bailing wire or bolts may be used to secure radiator. **No radiator protectors.**
4. You may only use one AC condenser in front of the radiator, if used the AC condenser may be bolted with 4, 3/8 inch thick bolts, with washers no bigger than 1 inch or welded 6 inches per side with 2" X 1/8 inch flat strap no longer than 3 inches and no more than 4 per AC Condenser.

Engine,Cradle, and Transmission

1. Engine swaps are allowed. Engine setbacks are allowed no more than 2 inches past firewall of truck.

2. You may cut a hole, 12" L X 12"W in the fire wall for the distributor. Hole must be properly covered.
3. You may weld a 4" X 4" X 1/4 inch square tubing from frame rail to frame rail to make a cross member if your truck did not come from the factory with one. If using this method, you must only weld your engine to this crossmember.
4. Full engine cradles with distributor guard, steel bells and transmission brace are allowed and must all bolt on.
5. Distributor protectors must have a 6" gap between dash bar and distributor protector.
7. Engine cradles may only be welded to homemade cross member, or if your using the factory engine crossmember you may weld the engine to the crossmember or frame a max of 4" width. Weld must be in parallel to factory engine mount on engine block.
8. Transmission brace must have a minimum of 4" clearance off any cage, bracket or body.
9. Cylinder head strap may be used one per side, must be on front of engine only, must be straight down to frame rails cannot be kicked forward or backwards metal sizes cannot be larger than 2" X 2" X 1/4 inch angle iron or 2" X 1/4 inch flat strap welded to frame a maximum of 4 inches.
10. Electric fuel pumps are allowed, must have a shut off/kill switch for fuel pump.
11. Transmission coolers are allowed. Must be mounted in cab area.
12. Homemade transmission cross members are allowed, with a maximum of 2" X 2" X 1/4 inch thick square tubing.
13. Standard transmissions are allowed.
14. No transmission skid plates are allowed. No reinforcing of transmission.
Transmissions pans may be homemade with metal no thicker than a 1/4 inch and may not extend pass the transmission bolts. It may not connect to the ultra-bell, transmission tail shaft, and must be 2 inches from the cross member.
15. Slider drive lines are allowed.
16. **Aftermarket gas or brake pedals and cable shifters are allowed. May only be bolt to the floor. Cable shifter may bolt to the floor or transmission no part of these brackets can add any strength to truc.**

Suspension

1. Stiff suspension is allowed. Top of A-frames may be welded down a maximum of 8 inches per a-arm to the frame, with 2" X 2" X 3/16 inch flat strap, cannot exceed the footprint of the a-arm more than 2".
2. **Center and sides of A-frame may be beat down and welded max of 8".**

3. Tie rods and drag links can be reinforced, cannot exceed more than 2" in diameter.
4. No welding metal in the springs to raise the truck. Box store Spring/Twist spacers may be used, no homemade spacers.
5. **No re-enforcing suspension other than what is specified.** Suspension parts may be swapped if they bolt on with no modification and they must be off a truck able to participate in the event.
6. **Aftermarket weld in ball joints and aftermarket tie rods are allowed. No aftermarket spindles.**
7. Front leaf springs may use a 6"x6"x1/2" mounting plate instead of "U" bolts and may use x4 1/2" bolts in place of u bolts, if using a bump stop it may be welded on center to this plate.
8. Leaf springs must be stock. No after mark springs or shortened springs if you are missing leaf springs you may use other leaf springs equal to what's missing to replace what is missing call for any questions
9. No leaf on top on main leaf. No extra leaf's, no tape or welding on springs, no motor home leaf springs. No coil leaf conversion.
10. **5 spring clamps per spring are allowed front and rear, no wider than 2 1/2 inches and cannot exceed past the spring more than 1", no welding clamps to the frame. No welding leaf springs at all.**
11. **You may have 2 bump stops in the front and rear, no bigger than 2" X 2" X 1/4 inches square tubing,**
12. **Front bump stops may be welded from front axle to the bottom frame rail only**
13. **Rear bump stops must be welded to center of axle housing to bottom of frame rail only, all bump stops must stay horizontal.**

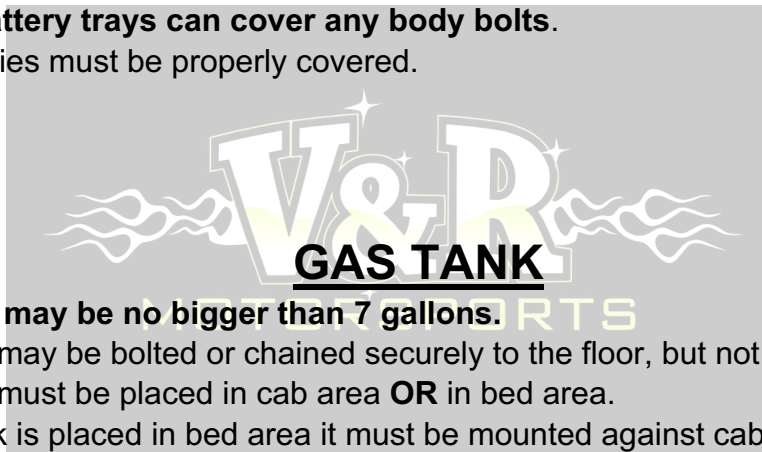
HOOD

1. You can use 4 hood bolts with a maximum 6" X 6" X 1/4 inch thick gussets, gussets may be welded to fender or inner fender well, bolts may only be a maximum of 1 inch diameter 8" long with washers no larger than 6 inches and must be free floating.
2. If hood bolts are not used, 4 chains may be used, no more than 1/2 inch thick is allowed.
3. **2 All threads 1 inch dia. may be used to replace front core support bolts and must go vertically through the hood. If you do not go through the body bolt location you may weld a maximum of 2 inches with no filler rod or added metal to the side the frame next to the body bolts, all thread may run vertically through the hood. You may weld all threads to the top of the core support going through a 4" X 4" X 1/4 inch flat plate only.**
4. **The 4 hood bolts or the 4 chains can be used in combination with the core support all threads.**

5. (x8) 3/8 inch thick bolts, with washer no bigger than 1" inch is allowed to bolt the inner to the outer, when hole is cut out for headers and carburetor.
6. A hole is required in hood above the carburetor in case of a fire.
7. **No welding the inner to the outer of hood.**
8. **Hood must open for inspection.**

BATTERIES

1. 3 automotive type batteries are allowed for the motor. engine batteries are only allowed on front passenger floor. Batteries must be properly covered.
2. Third battery may be used for transmission cooler or electric fan only.
3. Batteries must be securely bolted to the floor in a battery tray. No milk crates may be use.
4. No welding battery tray to door bars. No bolting batteries trays to cross member or frame.
5. **No battery trays can cover any body bolts.**
6. Batteries must be properly covered.



1. **Gas tank may be no bigger than 7 gallons.**
 2. Gas tank may be bolted or chained securely to the floor, but not to the frame.
 3. Gas tank must be placed in cab area **OR** in bed area.
 4. If gas tank is placed in bed area it must be mounted against cab in between roof bars, you must build a cage to cover all sides and top with minimum material of 2"x2"x1/4" and can connect to rear roof bars and cage
 5. **Gas tank must be bolted in securely before inspection or you will not run.**
- SAFETY**

DOORS

1. All doors may be welded solid with 1/2-inch-thick filler rod or 2" X 2" X 3/16 inch thick flat strap.
2. No extra metal or plate is allowed on the outside of the doors unless other specified.
3. You may add a driver's door plate for safety, must be max 3/16" material and cannot exceed driver's door seam more than 2"
4. **No welding the inside of the doors.**

5. The window opening on the doors may be pinched and welded **or** you may use 2" X 1/8-inch-thick flat strap to weld and fill the gap. If flat strap option is used, you must drill a hole in it for the thickness to be measured.

REAR END

1. **Rear end swaps are allowed, no one ton rear ends allowed must be only 8 lugs.**
2. **Aftermarket rear ends are allowed as long as they meet the rules.**
3. Rear end braces are allowed and can only be welded the rear housing, not to the frame or the springs.
4. **Rear end bracing cannot exceed more than 6" from the centerline of the axle tubes.**
5. Pinion brakes are allowed. Locked rear ends are allowed.
6. Chaining rear end to frame is allowed, no welding chain to frame. No welding links together. Chain is only allowed one time around with bolts, not around body, no longer than four feet and half inch thick chain.



Beds, Tailgate, Rear Doors

1. Truck Beds may be welded fully to the cab along the outside and the top with 2" X 2" X 1/4" inch flat strap
2. Tailgates and rear doors on SUV's must be welded with 2" X 2" X 1/4" inch thick flat strap and only trucks may welded inside of the tailgate with 2" X 2" X 1/4" inch thick angle iron, SUV's may not weld inside of back doors.

Tires and Wheels

1. Mud grips are allowed in rear of Truck or SUV. Wheel size may be no bigger than 16 inches.
2. Only double tire, tubed or air tires are allowed.
3. **Valve stem protectors are allowed. Valve stem protectors must be welded securely.**
4. **No zip screwing rims to tire. No bolting rims to tires. No bead locks.**
5. Lug nut size may be no bigger than 1 inch.
6. Wheels must be factory car wheels.
7. You may have up to 3" bead lip protector on wheels
8. Wheels may not be reinforced.
9. You may have full homemade centers on rims may be welded in with no filler rod or added metal.

10. Wheel seams may be welded and shorten down to 5 inches with no filler rod or added metal.

Body and Frame

1. All body bolts may be replaced with 5/8 inch bolts with 6"X 6" X 1/4 inch thick flat plate as washers. All top body washers may be welded down with 1/4 inch thick weld. No bottom washers can be welded.
2. **Frame repair is allowed, up to 12 inches per side (left and right side of TRUCK or SUV) no bigger than 1/2" flat strap or plate, plate may be the width of the frame where ever its welded at. You may break up the plate in a max of 4 pieces. Plates must be kept vertical.**
3. No pinning the frame or running bolts through existing holes.
4. Frame notching is allowed. **No welding the body to the frame. No shaping, hammering of the frame is allowed.**
5. **Frame cannot be painted or any undercoating painting underneath vehicle.**
6. If rusted floors may be repaired with metal the same thickness as it is originally, overlapping of repair may only be up to 1 inch pass the rust spot.
7. If you have any other rust repair issues then mentioned above, please contact officials.
8. Bed rails may be "laid" over but must have a minimum of 6" gap between all floor and tailgate.
9. You **MUST** run a tail gate, tail gate must be mounted in factory location, cannot be welded over the top of the bed rails.
10. No trucks can weld any frame seams or riveted brackets unless in conjunction with other rule specified.

Safety

1. Full face helmets are required.
2. Minimum of 1 lap belt is required. Four-point harnesses are recommended.
3. Long sleeve shirts and pants are required. No short sleeve shirts or shorts are allowed.
4. You must have a fire extinguisher on hand in pits.
5. **No alcohol, firearms, or drugs are allowed in the pits. Zero tolerance will be used.**

