



# Truck Demolition Rules & Regulations

Safety for spectators, officials, drivers and crews is our number 1 concern. Fire, flying debris, and impact injuries. Keep these things in mind when stripping, building and running your derby vehicle!

**THIS IS ALL ABOUT THE SPECTATORS AND COMPETITORS HAVING FUN  
NO- TAG TEAMING/TEAM DRIVING!!! NO- SANDBAGING!!! NO- WARNINGS!!!  
Immediate Disqualification! (Judge's Discretion)**

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**1. Open to any make or model of FULL size Truck-foreign or domestic, EXCEPT the following:**

NO: 4x4's OR 4x4 frames, Bronco's, Blazer's, RAM Charger's, 1 ton with dual wheels, El Camino's, or Ranchero's. Remember: taking the front drive shaft out doesn't make it a 2-wheel drive.

**There will be ZERO tolerance.**

**2. Mandatory Stripping of Trucks:**

- Remove all glass, lights, lenses, mirrors, and hardware
- Remove all body trim, hub caps, and exterior ornaments
- Remove fuel tank
- Remove trailer hitch and all mounting hardware
- Remove all interior upholstery, plastics, carpet and trim - EXCEPT front seat.  
(Seat may be changed but must be secure)
- Prior to tech inspection truck MUST be cleaned of all loose objects, glass, and debris

**3. Building a Safe Competitive Truck:**

- The tech judge's decisions will be final.
- There will be no welding on a truck EXCEPT where specified  
(field repairs are allowed but must be approved by tech before repair is even started)
- There will be no reinforcement EXCEPT where specified
- If it doesn't say it's ALLOWED then it's Not allowed
- All vehicles will be checked for working brakes. (\*must be able to stop the car\*)
- Mandatory seat belt - Lap belt is the minimum requirements. All cars will be checked for working seatbelts every time they enter the ring. If your seatbelt doesn't work, brakes or you remove it during the heat you will be disqualified from that heat.

**4. Doors and Door Reinforcements:**

- We will allow almost a cage built around the driver from sturdy, easily assembled materials.
- Front and rear crossbars are mandatory. They can be bolted through the entire door, doorpost, front fender, or front of box attaching to the door bar. Attached from one door bar reaching across the truck and attaching to the opposite door bar.
- Or the crossbar it's self can go through the entire door, door post, front fender, or front of box and be welded the door bar only (NOT the truck body)
- Front crossbar must be placed above or below the steering column in front of driver. Rear crossbar must be placed behind the seat or at front of box.
- As a minimum the driver's and passenger's doors MUST be reinforced with: Channel iron, box steel, or I-beam. 2"x6" minimum. 3"x12" maximum. 3/16 minimum thickness with a maximum length of 72" (6 feet)
- As a minimum the door bars must extend 4" on either side of the driver's and passenger's doors.
- Ends of the bars must be beveled, rounded, or chamfered.
- Door bars must be bolted with a minimum of two (2) 3/4" bolts going through the entire door,

doorpost, fender, or front of box with a good size washer. Four 1" bolts recommended. (If crossbar is mounted at front of box. 8"x8" washer is allowed in box).

- Door bar can only extend 8" maximum ahead of front fender/door seem.
- Placement of bolts: Beware of drivers' movement inside the vehicle.
- If the drivers or passengers door bar falls off even on one side –you are automatically disqualified from that heat.
- All doors must be chained as a minimum. Stitch welds in 5" increments are acceptable. 3/16 rod can be used as filler. No flat bar or angle iron.  
(driver's door can be welded solid) Bar clamps are also acceptable.
- Upright/roll bar is mandatory attached from floor or rear crossbar to roof near driver for roll protection.
- Headrest or mesh behind driver's head in a regular cab is mandatory but must be secure.
- It is mandatory that the driver's door be padded.  
You can pad anything that you could get tossed into around the driver.

#### **5. Hoods:**

- Hoods are mandatory.
- Hood must have a large enough hole suitable for fire extinguishing. 12"x12" minimum.
- The outer skin of the hood can be bolted to the framing of the hood.  
Number of bolts is up to you but be Reasonable!!! 1\2"bolts with 2" washers maximum.
- Hood must be bolted or chained in a minimum of four (4) places and a maximum of six (6).  
Two (2) of the six (6) bolts may go through the frame.
- Maximum bolt size 1\4", minimum bolt size 3\4"
- Maximum washer size 5"x5" or 25sq. Inch.

#### **6. Tail Gates / End Gate:**

- Tailgates are MANDATORY!
- Must be chained in a MAXIMUM of four (4) places or stitch welded in 5" increments.
- Rear bumpers can be removed and tailgate can be lowered so that the bottom of the tailgate is level with the bottom of the frame.
- Box may be attached to the frame by using bolts or chains in a MAXIMUM of four (4) extra places to keep the box attached to the truck.
- Bucket seat may be put in but must be secure.

#### **7. Battery:**

- Must be relocated to the passenger side securely fastened by nuts, bolts, and washers.
- Battery must be covered by rubber mat or in a marine battery case.
- Maximum of two (2) batteries.

#### **8. Electric Switches:**

- If used must be uniformed. Up/forward for on, Down/back for off.
- It is strongly recommended that any electrical systems be fused.

#### **9. Fuel System:**

- Fuel leaks or potential leaks will NOT be tolerated.
- Fuel tank can be any metal tank or fuel cell. NO PLASTIC GAS TANKS. Five (5) gallons capacity maximum. Located in the front center of the box or in the case of an extended cab or suburban it can be in the rear seat area. Securely mounted with nuts, bolts, washers, metal straps, and ratchet straps. No screws or bungee cords.
- Fuel lines MUST exit through the front box and back of cab with a MINIMUM 6" hole for clearance.
- Fuel line can also go through floor of box to connect into existing fuel lines into the frame.
- Box can be bolted to the cab in two places using a minimum of 1\2" bolts and a maximum of 1"

bolts. 5"x5" washers max.

- Hole(s) must be cut in the floor near, around or under the tank for drainage.
- MUST have floor plugs removed.
- Fuel lines entering through the firewall into the passenger compartment MUST be as much steel line as possible. Lines must be securely fastened.
- Short rubber line connectors are acceptable.
- Fuel pump type is optional.
- Canadian pump gas ONLY-NO ADDITIVES.

#### **10. Cooling System:**

- Must remain in front of engine.
- You may put a steel plate in front of radiator welded to the two (2) bolts that go through the frame to support the plate or plate can be bolted to the core support in front of radiator. If bolted it can only be bolted on each side not across the top and bottom. Maximum plate thickness of 3/16.
- Holes may be drilled in plate for airflow.
- NO welding to frame. Plate can be level with the top of frame rails but not drop in between them. This is to make trucks last longer in heats.
- Water ONLY

#### **11. Air Intake and Exhaust System:**

- Must have air cleaner assembly with filter element to act as flame arrester.
- Exhaust must exit the engine compartment through the hood or out the hood or out the bottom - manifolds alone are NOT enough.

#### **12. Bumpers:**

- May be interchanged from year to year - model to model, but MUST remain stock to manufacturer (GM to GM, Ford to Ford, etc.)
- NO car bumpers can be used on FRONT of trucks. NO homemade brackets! O.E.M brackets and shocks only. Bumpers can also be welded directly to the frame using welding rods ONLY!
- Bumpers may be inverted and trimmed.
- Bumpers may be welded to bumper brackets and bumper brackets to frame. NO ADDED material. Such as Fishplates, Angle iron, or pipe. WELDING RODS ONLY!
- Two (2) single rapped chains on each bumper - for support ONLY.
- Maximum bumper height from the ground to the bottom of the bumper is 19 ½". (Tech Officials Discretion)
- Material may not be added; amount of weld is at tech's discretion (object of welding bumpers is to keep debris out of the ring - NOT to build a battering ram).

#### **13. Tires and Rims:**

- Any size of rim that fits the bolt pattern. Rim CAN NOT be altered, modified, or reinforced.
- No split rims are allowed.
- Valve stem protectors and tubes are acceptable.
- Maximum tire height is 31".
- NO studded tires.
- Air only in tires. NO additives, liquids, solids, or fillers.
- Wheel wells may be trimmed for clearance and outer fender can be bolted to the inner skin using a maximum of six (6) bolts per wheel well. 1½" bolts with 2" washers maximum.
- All wheel weights to be REMOVED.
- DOT tires only. NO forklift, implement, flappers, or double tires are allowed.

#### 14. Engines, Transmissions, and Differentials:

- Engines may be interchanged from Ford to Dodge, Chev to Dodge etc. But must remain within 3" of the stock location of the truck its in.
- No welding of engine mounts to frame. You can build your own mounts but they must bolt to the frame and to the engine block.
- Engine mounts and transmission mounts may be chained.
- Shifter type is optional.
- Differentials may be swapped; Dodge to Chev, Chev to Ford, etc. must be mounted with O.E.M parts. NO added material e.g.: oversized plates or U-bolts! NO converting coil suspension to leaf or vice versa. Must remain how the vehicle was from factory.
- Differential may be locked (welded)
- Drive shafts may be shortened and U-joints tack welded. CV joints are acceptable.
- Firewalls can be hammered back or trimmed for distributor clearance.
- Transmission cooler optional. Must be mounted under hood in front/behind the radiator or in the passenger compartment securely fastened with as much steel line as possible with adequate drain holes in floor and must be covered.
- Optional 3/4" hose from transmission dipstick tube.
- Reinforcement of oil pan and transmission pan is prohibited.
- Engine protectors are prohibited.

#### 15. Steering and Suspension:

- Air shocks will be allowed. No rigid suspension will be tolerated.
- Rear lower trailing arms may be shortened.
- Rear coil springs may be chained or tack welded to the differential ONLY.
- Rear leaf spring banding and shackle length optional.
- Air bags are prohibited.
- Steering columns may be lowered. U-joints are allowed.
- Spring packs must remain stock (extra leafs may not be added) maximum of 9 leafs with stock stagger.
- Spacers between diff and spring pack is prohibited.
- Rear leafs may be banded or shackled with a maximum of 4 per side (4 on drivers side, 4 on passengers side).
- Movement of spring mounts is prohibited.

#### 16. Paint and Body:

- Drivers door must be painted WHITE ONLY!!!
- White vehicles are prohibited.
- Car can be any other contrasting color(s).
- No profanity as decoration or advertising.
- No cloning of paint jobs if you enter more than one car.
- Roof signs are acceptable, but MUST be bolted securely

#### 17. Optional:

- You are allowed to put a maximum of two (2) upright bars in the front window either straight up and down or in an x pattern.
- It may be attached from the roof to the firewall only using bolts ONLY! No welding!
- If your vehicle is illegal, you will get a chance to fix what is wrong. If you cannot make your truck legal you will be disqualified and entry fee will NOT be refunded.
- **Please note: These rules were designed for fair play, sporting, no advantages or disadvantages to first time drivers, or veterans.**

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**The Pioneer Treshermans Association reserves the right to alter, amend, add, delete, or modify these rules at any time without prior notice.**

For more info, registration, car numbers etc. Please contact us:

Phone: +1 780 523 4010 or +1 780 291 0353

E-mail: [derby@trianglehall.com](mailto:derby@trianglehall.com) Website [www.trianglehall.com](http://www.trianglehall.com)

Entries will be accepted until 11:30 am on Race Day.