

# Douglas Volunteer Fire Department

43rd Annual DVFD Demolition Derby

In Memory of Billy Cathcart

Saturday August 15th, 2026

## TRUCK CLASS

### GENERAL QUALIFICATIONS and SAFETY RULES

*\*Highlighted areas are the only changes for 2026*

1. **These rules will be strictly enforced. NO CHEATING WILL BE TOLERATED! Any driver who does not obey the rules will be disqualified. Disqualification will result in forfeiture of all entry fees. Any crewmember who is disqualified will have the car he/she is attached to disqualified.**
2. ALL REMITTANCE WILL BE CASH, CASHIER'S CHECK, OR CREDIT CARD. NO PERSONAL CHECKS WILL BE ALLOWED
3. **The Douglas Volunteer Fire Department reserves the right to approve or reject any and all entries. The judge's decision is final. The head judge will decide any discrepancies.**
4. Participants must be 16 years of age or older; anyone under 18 years of age must have a signed minor release.
5. Only drivers, owners, and mechanics who sign the release sheet will be permitted in the arena area. 1 Driver and 2 arena passes will be allowed per car registration. You may purchase 2 additional spectator passes/\$15.00 and/or 1 additional arena pass/\$25.00. **ALL** driver, arena, and spectator passes **MUST** be picked up by 5:30. All entry fees are non-refundable
6. Any participant who has run in one of the preliminary heats and can be repaired for the consolation heat is eligible to enter again at the discretion of the judges. The vehicle may be re-inspected for compliance.
7. The use of intoxicating beverages or controlled substances before or during the show disqualifies the user from the day's events and subjects them to suspension at future demos sponsored by the Douglas Volunteer Fire Department. **This will be enforced and subject to a breathalyzer test.**
8. The Douglas Volunteer Fire Department, or its representation, and Wyoming State Fair, State of Wyoming, will not be responsible for any accident, injury, or property loss incurred during Demolition Derby activities.
9. No walkie-talkies or radio systems are permitted in the cars.
10. A driver must hit another truck every 90 seconds to prevent disqualification. Being hit by another truck does not qualify as your hit. A hit must have complete separation and produce a noticeable impact.
11. **There will be NO deliberate hitting of the driver's door. This will result in immediate disqualification and forfeiture of any entry fees. ALL JUDGES DECISIONS ARE FINAL!**

12. All trucks must be registered **BEFORE** being inspected. Inspection will be between 11:00 am – 4:00 pm on the day of the derby. Any truck not registered by 3:00 pm will be charged an additional \$50 late fee. **Please have your car ready and in compliance upon arrival.** Any trucks not inspected by 5:00 pm **will not be eligible to run.** After final inspection, all trucks will be impounded. A mandatory driver's only meeting will be at 5:00.
13. Due to a lack of adequate space in the pits, any non-derby cars or non-support vehicles will not be allowed in the pit. One support vehicle with a trailer per derby truck is permitted. NO HOT RODDING IN THE PITS. Keep it at an idle. Any violation of this will result in the truck being disqualified.
14. In the event of a vehicle fire, a flip-over or injury, or any debris deemed unsafe, only Fire Department personnel are allowed on the track, and heat will be stopped until safety is restored. Trucks may get 1 additional chance to run as long as the truck passes a safety check and the driver is OK. All other drivers will remain in their trucks at all times or will be disqualified.
15. Stay in the vehicle! Do not leave your vehicle or loosen your safety belt, except in the event of a fire, until the last vehicle has stopped and received the checkered flag. A Red flag means ALL vehicles must stop where they are until the green flag is given again. In the event of a red flag, all remaining drivers are given a fresh 90-second hit time when the heat is restarted. A Black flag, when waved at you, means you have been disqualified. Stop, shut off your engine, break your stick, and remain in the vehicle until the heat is over. **DO NOT** remove your helmet! No smoking will be allowed.
16. All vehicles will be inspected before the program begins. The last vehicle to initiate a hit is the winner. The top 3 vehicles may be re-inspected at the conclusion of the main. Everyone else will stay back until the trucks are verified to be legal.
17. All vehicles must be removed by midnight on the day of the derby, or they will be towed at the owner's expense and will be disqualified from the following year's event.
18. **Profanity, displays of temper, unruliness, belligerence, or any kind of conduct not deemed the norms of society in general will not be tolerated. Any person exhibiting such conduct to any official of the Douglas Volunteer Fire Department or another contestant will be subject to expulsion from the Demo Derby. All entry fees and deposits will be forfeited. ALL JUDGES DECISIONS ARE FINAL!**

## Truck Specifications and Rules

*\*Highlighted areas are the only changes for 2026*

1. All drivers must wear a DOT-certified safety helmet. All drivers must have their safety belts in good working order. **Neck braces and FR clothing are strongly encouraged.**
2. Standard 1/2 ton, 3/4 ton, 1-ton regular cab, extended cab, or crew cab trucks, Suburbans, Broncos, Blazers, Vans, etc. No commercial vehicles. Pickup trucks must have a standard box, no flatbeds. 4-wheel drives must have one drive line removed.
3. Original frame style must be used. Body swaps are allowed. The body cannot be welded to the frame. No added metal unless noted in the rules.
4. All airbags, sensors, and propellant charges must be removed or discharged.
5. All glass, including head and taillights, must be removed **before** your arrival.
6. The rear seat, driver's door armrest, door handles, door locks, seat belts not being used, mounting screws, clips, license plates, antennas, all wheel weights, all side and decorative chrome, trim, and rubber stops must be removed.

7. All dirt, loose debris, screws, broken glass, and anything deemed unsafe must be swept, vacuumed, or removed from the truck.
8. All trailer hitches must be removed.
9. Air conditioning units must be discharged or removed.
10. A maximum of (2) batteries may be used and **MUST** be mounted inside the vehicle. The battery must be properly secured and covered with a non-conductive material. No plumbers strap allowed. (ex., Rubber, wood, etc.)
11. Radiators must be in their original location if used.
12. A fuel tank with a maximum capacity of 6 gallons will be allowed. The fuel tank must be moved into the backseat area or into the center of the truck box, securely fastened and protected. No plumbers strap allowed. If placed in the trunk box, it must be a metal tank and be bolted, not ratchet-strapped. Covered with a non-flammable material is recommended. The original fuel tank must be removed, or the entire bottom of the tank cut out.
  - A. Fuel tank protection can only be mounted to the center of the seat bar using a 3" x 3" max size and no closer than 4" from all sheet metal, including the top of the tunnel and the rear deck. Max width 30" O.D. A 12" horizontal gusset per side is allowed to the seat bar.
13. Vehicles may utilize electric fuel pumps. **A fuel cut-off switch MUST be clearly marked with RED PAINT for easy identification within arm's reach of the driver in the event of a fire.** This is for the protection of driver and fire personnel.
14. All doors and end-gates must be welded, chained, or steel-strapped shut. If a Driver's door comes open during the demo, that truck will be disqualified. Strongly recommended materials: Welding or chain. Filler may be used on door seams, but restricted to 3/8" round bar or 1 1/2" by 1/8" thick flat metal strap.
  - A. When welding the end-gate shut, it may not be welded to the rear bumper.
  - B. The box **MUST** be bolted or welded to the cab as needed to fill the gap. When welding, the maximum is a 4" x 3/16" strap.
15. Cutting fenders for wheel clearance is permitted, and may be folded, and one of the following:
  - A. Welded without the use of extra metal or excessive welding.
  - B. Bolted with 3/8" bolts. Bolts must be cut flush with the nut.
16. All vehicles **MUST** have working brakes before their heat begins.

## 17. **CAGE**

The driver door **MUST** be reinforced for safety by a 4-Point Cage. Safety reinforcements must be contained within the passenger compartment **ONLY** (except the Halo bar). Drivers may also use plates where pipe or tubing meets the floorboard (maximum of 8" X 8" in size and up to 1/4" thick), or chassis. When welding directly to the chassis, then **NO ADDITIONAL** plates may be used. All safety reinforcements must be constructed **WITH A MAXIMUM OF 6" diameter** and a minimum of 2" round or square tubing. All cage welds should be sound and of adequate size to prevent the cage, halo, etc., from failing.

- A. 4-Point Cage - The 4-Point Cage may be constructed with a maximum of (4) vertical posts. (1) bar across the dash area, (2) bars across both the driver and passenger doors, and (2) bars across the rear seat area.
  - 1) (1) additional down bar per side from the lowest door bar to the floor to protect the driver and battery.
  - 2) (1) additional bar on each side may extend from the cage or roll bar to the rear wheel well no further than the axle. Single-cab trucks may extend the bar behind the seat through the cab and box.

- B. Halo Bar - Halo bar or roll-over protection is MANDATORY. It may be routed inside or over the roof of the vehicle. If using a Halo bar with a 4-Point Cage, it will extend upward from the two rear vertical posts.

## 18. BUMPERS

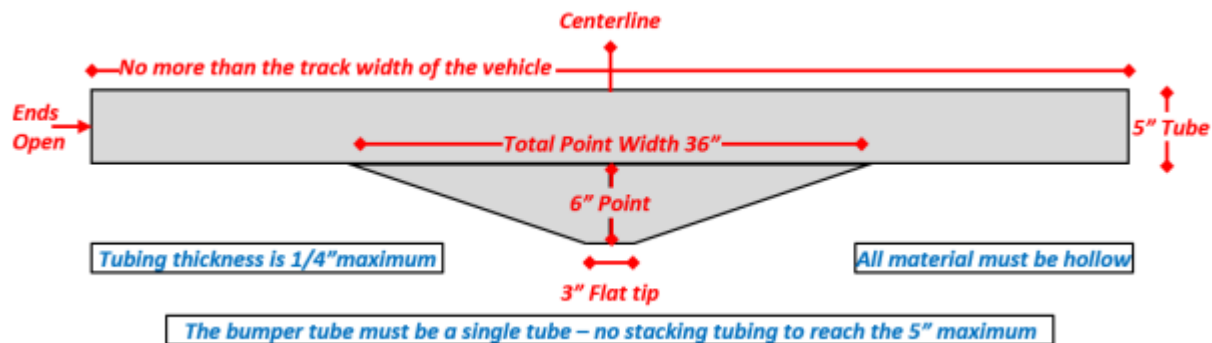
- A. All bumper brackets must be stock with no additional brackets and may be welded to bumper and frame, or may remove all original brackets and shock tubes and use one 14" x 4" x 1/4" flat strap with the last 4" bent into an "L", welding 10" on the outside of the frame and the 4" bend to the bumper.
- B. Bumpers may be welded directly against the frame with no added filler material.
- C. No bracket can be welded beyond 10" from the front of the frame.
- D. Two-piece bumpers may be welded together
- E. Single-piece front or rear bumpers may be welded to the body.
- F. 9-gauge wire or 3/8" chain must go around the front and rear bumpers and be secured to the frame or body in two (2) places with a max of 2 wraps at each location. This is done to help prevent bumpers from falling off and stopping the show.
- G. INSTEAD of chains, Drivers may use (2) metal straps from the front bumper to the core support ONLY.
  - 1) Straps cannot exceed 3" wide and 1/4" thick material.
  - 2) Straps can only be welded up to 6" onto the bumper and 6" onto the core support.
- H. The maximum front bumper height is 26" to the bottom of the bumper.
- I. Minimum rear bumper height is 18" to the bottom of the bumper.

### REAR BUMPER OPTIONS:

- 1) Any stock pickup or car rear bumper
- 2) 4" x 4" straight open-end square tube or round pipe
- 3) No pointed rear bumpers

### FRONT BUMPER OPTIONS:

- 1) Any stock pickup or car bumper may be used and stuffed with steel reinforcement.
- 2) Aftermarket or homemade replica bumper made with 1/4" steel conformed to stock dimensions.
- 3) 5" x 5" x 1/4" straight open-end square tube or 5" x 1/4" round pipe with added flat point (36" x 6" tapered span with 3" flat point). See diagram below.



## 19. HOODS

- A. Must be in the original location
- B. Must be operable or removable for inspection, with a minimum 12" hole cut over the carburetor for fire extinguishing. Cut out sections **only**, may be folded over and rewelded or bolted with 3/8" bolts.
- C. Hood can be chained, wired, or bolted (no larger than 1" bolts, 1/2" chain, or 3 wraps of 9 wire). **Maximum of 6, any combination**, but only 2 can be attached to the frame and may replace the front two body bolts. Frame washers may not exceed 4" x 4" x 3/16" and may not be welded. Additional bolts max 8" long may have two

washers per bolt not to exceed 5" x 5" x 1/4" and can be welded. If two pieces of angle iron are welded on top of the hood and fender, they cannot be longer than 8" and no larger than 2" x 2" x 1/4" with one bolt.

- D. No hood bolts in front of the radiator.

## 20. BED/CARGO AREA

- A. The cargo area must be empty and have a 12" x 12" inspection hole or be completely visible. The cut-out section may be folded and welded or bolted
- B. Bed sides and end-gates may be folded in with no additional welding. If folded (2) 1" bolts may go through the end-gate to the frame. Any SUV's cannot extend through the roof.

## 21. FRAME

- A. Broken or cracked frame rails may be welded, and up to 24 inches of reinforcement plating per frame rail will be allowed.
  - 1) Plates can NOT exceed 1/8" steel on two sides or 1/4" on one side, with one full inch unwelded to verify the patch thickness.
  - 2) Plates can NOT be taller than the vehicle frame.
  - 3) Plates can NOT exceed 10" in length
  - 4) Plates must be at least 3" away from other plates
  - 5) Maximum of 4 repairs per frame rail (4 repairs on the driver side, 4 repairs on the passenger side).
  - 6) All frame plates **MUST** be painted RED.
  - 7) Plating can NOT be connected to the bumper.
- B. No frame seam welding, except for the back side of the A-arms forward.
- C. No frame tilting on any vehicle from the rear end forward. Rear frame rails behind the rear end hump may be notched or pre-bent.
- D. No pinning.
- E. C-channel frames may be boxed with a 1/4" plate in the front up to the engine cross-member and 10" on the far rear of the frame.
- F. Repairs will be thoroughly checked at the judge's discretion. A borescope may be used during inspection if needed.

## 22. TRANSMISSIONS

- A. Steel bell housing will be allowed.
  - 1) Requires a slice on top of the tunnel from the front of the firewall to 2" behind the bell housing.
- B. Transmission brace will be allowed.
  - 1) Must have 2" of clearance from sheet metal if using transmission brace.
- C. Transmission cross members may be replaced with a maximum 2" x 2" x 1/4" tube.
  - 1) Cross members may be bolted or welded.
  - 2) No gussets of added metal.
- D. Steel tail shaft will be allowed.
  - 1) The tail shaft can **NOT** be welded to the cross member.
- E. Transmission coolers are allowed.

## 23. ENGINES

- A. Engine swaps from other vehicle brands are allowed.
- B. Lower front cradle is allowed.
- C. Full engine cradle and distributor protector will be allowed
  - 1) Neither can be within 4" of sheet metal, or sheet metal must be cut out.
  - 2) Neither one can come in contact with the dash bar. The cradle must be a minimum of 4" away.

- 3) If either one is excessive, it will be cut.
- D. Vehicles with an aluminum frame cradle may use a one-piece bolt-in engine saddle plate over the aluminum cradle to mount the engine to.
- E. If no cradle is used, then four 3/8" chains with no-welded links or cable, or two 2 1/2" x 1/4" straps, or two 2" x 2" x 3/16" angles may also be used to secure the engine. One chain link may be welded to the frame, or, if a strap or angle is used, no more than 2 inches of it may be welded to the frame.
- F. Attachments may not be more than 4" ahead of or behind the engine block.
- G. A pulley protector is allowed if the stabilizer bar is removed.

## 24. REAR ENDS

- A. Any braced rear ends may be used.
  - 1) Nothing can extend more than 4" from the axle housing or interfere with the way a frame might bend.
- B. Modified drive shafts will be allowed.

## 25. SUSPENSION

- A. Stock OEM suspension only.
- B. The rear shackle hanger can be removed.
- C. No wrapping of springs.
- D. The main leaf may not be shortened or relocated.
- E. No leaf spring conversions or Watts Link conversions.
- F. Coil spring spacers are allowed.
- G. Rear control arms may be reinforced using the original control arm.
- H. Shocks may not be welded or modified.
- I. Upper A-arms may be welded to the frame on both sides with a 2" x 2" x 1/8" strap. 2" weld on A-arm and 2" weld on frame
- J. Spindles, tie rods, and tie rod ends must be OEM stock.
  - 1) To repair bent or broken tie rods, use only a 3" long piece of pipe as a coupler or a 3" long piece of 1" angle iron.
  - 2) Only one repair per tie rod is allowed.
- K. The maximum front bumper height is 26" to the bottom of the bumper.
- L. Minimum rear bumper height is 18" to the bottom of the bumper.

## 26. BODY

- A. All exterior factory body seams may be welded.
  - 1) Do not use filler rod, a strap, or more than one weld pass.
  - 2) Folding or pinching body panels together is not a factory seam.
- B. No welding under the vehicle, engine compartment, or inside the cab.
- C. Vehicles with rear storage compartments may weld the lids shut.
- D. The top of the doors may be pinched and welded.
- E. Sun roofs must be enclosed.
- F. The driver's door may also be reinforced on the outside up to 10" past the door seams
- G. The driver's door must be painted a contrasting color. All other doors must be the same color as the rest of the vehicle.
- H. The number must be on both front doors and the top of the vehicle in a contrasting color.
- I. OEM rubber body mounts may be removed. Mounts may not be replaced with steel mounts.
- J. The body and box cannot be welded to the frame.
- K. Body bolts may be replaced with 1" bolts and 4" x 1/4" washers, not welded.
- L. Factory holes in the body or frame may not be patched unless damaged, except that firewall holes may be patched for fire safety.

M. When repairing damaged vehicles, patch damage with no more material than is absolutely necessary.

- 1) No material stronger than what you are repairing is to be used.
- 2) Use the same metal thickness, not to exceed 18 gauge.
- 3) May overlap holes or rust by 1".
- 4) Officials may drill patches to verify thickness and overlapping.

## 27. **WINDSHIELD/REAR WINDOW OPENINGS**

- A. For safety, all windshield openings **MUST** have (2) bars welded vertically in front of the driver.
- B. For safety, rear window openings **MAY** have up to (2) bars. If equipped, the front bar connection shall be welded to the halo bar, and the rear connection shall be welded to sheet metal not to exceed past the rear axle. Bars cannot exceed 6" in diameter.

## 28. **WHEELS/TIRES**

- A. Air-filled tires only
- B. No dual wheels or split rims.
- C. No studded tires on the drive axle.
- D. Wheel weights must be removed.
- E. Full wheel centers are allowed.
- F. Valve stem protection is ok.

29. A large number must be painted on the front truck doors **AND** the top, and it must be legible enough to be seen from a distance.

- A. The number must be in contrast colors from the background. No graphics can interfere with reading the number.
- B. A fin plate alone will not meet these requirements.

30. **Vehicles must remain stock unless otherwise noted in the rules. If it's not in the rules, it does not mean you can do it. Call for clarification.**

**Contact Clint at 307-351-1039 or Kurt at 307-359-3140.**