

Douglas Volunteer Fire Department

2016 Demo Derby

Saturday August 20th, 2016

GENERAL QUALIFICATIONS and SAFETY RULES

ALL REMITTANCE WILL BE CASH, CASHIER'S CHECK OR MONEY ORDER

NO PERSONAL CHECKS WILL BE ALLOWED

1. **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.**
2. Participants must be 16 years of age or older, anyone under 18 years of age must have a notarized minor release.
3. All participants must prove ownership of cars and must pick-up the title at **Gate #2** of fair grounds.
4. Only drivers, owners, mechanics, etc. that sign the release sheet will be permitted in the pit area. Maximum of 3 people per participating car.
5. Any one participant may enter into the buy back if:
 - a) A car that is in one of the preliminary heats and can be repaired for the buy-back heat is eligible to enter again at the discretion of the judges.
 - b) Another entry fee is paid for each re-entry.
6. **Any driver not obeying 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.**
7. The use of intoxicating beverages or controlled substances prior to or during the show disqualifies the user from the day's events and they are subject to the suspension at future demos sponsored by the Douglas Volunteer Fire Department. **This will be enforced. Subjected to a breathalyzer.**
8. The Douglas Volunteer Fire Department and Wyoming State Fair, State of Wyoming, will not be responsible for any accident, injury or property loss incurred during Demolition Derby activities.
9. A driver must hit another car every two minutes to prevent disqualification. Being hit by another car does not qualify as your hit. A hit must have complete separation and produce a noticeable impact.
10. **There will be NO deliberate hitting of the driver's door. This will result in immediate disqualification and forfeiture of any entry fees. ALL JUDGE'S DECISIONS ARE FINAL!**

11. All cars must check in between 11:00 – 4:00 the day of the Derby and be in the inspection line by 4:30. Cars not in line by deadline will forfeit entry fee. Each car will have **only 2 chances** to pass inspection. If you do not pass the second time through, you will not run. **Please have your car ready and in compliance when you arrive.** A mandatory driver's meeting will be at 5:30. After final inspection, all cars will be impounded.
12. Due to lack of adequate space in the pits, any non-derby cars or non-support vehicles must park in the main parking lot. One support vehicle per derby car is permitted.
13. In the event of a vehicle fire, flip over or injury, or any debris deemed unsafe only Fire Department personnel are allowed on the track, and the heat will be stopped until safety is restored.
14. Cars spilling gas or catching on fire will be disqualified.
15. Stay in the car! Do not leave your car or loosen safety belt; except in case of fire; until the last car has stopped and been given the checkered flag. A Red flag means ALL cars are to stop where you are until the green flag is given again. In the event of a red flag, all drivers are given a fresh 2 minute 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 car until the heat is over. **DO NOT** remove your helmet! No smoking will be allowed.
16. All cars will be inspected before the program begins. Winning cars will be impounded after the heat to prevent repairs or alterations. The number of cars taken from each heat will be determined at the time of the derby. All cars eligible for the main will be given 20 minutes before to make repairs. In the main, Last car to make a hit is the winner. Top 3 cars will be subject to re-inspection at conclusion of the main.
17. All cars must be removed by midnight day of derby or they will become property of Douglas Volunteer Fire Department, will be towed at owner's expense and will be disqualified for the following years 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 and removal from the grounds by an officer of the Douglas Police Department. All entry fees and deposits will be forfeit. ALL JUDGE'S DECISIONS ARE FINAL.**

Car Specifications and Rules

1. Cars will be sized according to wheelbase. Cars with a factory wheelbase of 102" or less will not be allowed.
2. Any hard top automobile is allowed **EXCEPT:** Trucks, Vans, SUV's, Convertibles, Ambulances or Hearses.
3. All drivers must wear a DOT Certified safety helmet. If you do not have a helmet you may borrow one from another driver who is not in your heat. All drivers must have safety belts.
4. Any and all air bags, sensors and propellant charges must be removed or discharged.
5. All glass, including head and taillights must be removed **prior** to your arrival.

6. The rear seat, drivers door armrest, door handles, door locks, seat belts not being used, mounting screws, clips, license plates and all side and decorative chrome, trim and rubber stops must be removed. Antennas and dash clusters also must be removed.
7. All dirt, loose debris, screws, broken glass and anything deemed unsafe, must be swept, vacuumed or removed out of the car.
8. Any and all trailer hitches must be removed.
9. A maximum of 6 gallons of gas will be allowed. Gas tank must be moved into the backseat area and properly secured. **No** plumbers strap allowed. Covered with a non-flammable material is recommended. Original gas tank must be removed or the entire bottom of the tank cut out.
10. Only one battery is permitted in the car, it may remain in its original position or mounted inside the car. Must be properly secured, and covered with a non-conductive material. No plumbers strap allowed. (ex. Rubber, wood, etc.)
11. All doors, tailgates, hatches, hatchbacks, etc. must be welded, chained or steel strapped shut. All hatch-lifting devices must be removed. If a Driver door comes open during the demo that car 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. No rope or wire.
12. Halo's are allowed, but not necessary. If installed they must be built for driver safety only and not to reinforce the car. They can mount to: the roof; the B to B crossbar; but must conform to 12)B of the car specs.
 - A. Driver's door **MUST** be reinforced for driver protection.
 - B. All cars will be allowed to weld one crossbar not to exceed 4" and a minimum of 2" round or square tubing from driver's side door post to passenger side door post and 1 driver side and 1 passenger side door bar to the dash bar not to exceed 4" in diameter and a minimum of 2". Nothing besides the halo and door bars can be mounted to the B to B crossbar and can't be higher than 6" from the bottom of the window seal. The plates to mount the bars or cage can be no larger than 6"x6" and 1/4" thick.
 - C. On hardtop cars (cars with no B pillar); **MUST** have cross bar as noted in 12B of the car specs.
13. Cutting fenders for wheel clearance is permitted, and may be welded without the use of extra metal or excessive welding. Folding and re-welding, bolting or re-skinning will NOT be allowed.
14. Two vertical bars or expanded metal must be installed in the windshield opening for driver protection. More will be allowed if desired. Maximum of 5.
15. No special bumpers will be allowed. Shocks on bumpers must be discharged and may be welded not to exceed a 1/2 " single weld outside diameter.
 - A. Stock bumper brackets may be welded to bumper and frame, including telescoping bumper brackets. If brackets are **NOT welded** a short chain may be used to bolt bumper to frame. Bumpers can be welded to the frame without any extra metal and to the welding specs stated in 19. If bumper is welded to the frame, brackets cannot be used.
 - B. Car bumpers shall remain the original style and shall not be reinforced. Brackets cannot be moved. No bumper shall have any additional brackets. No bumper shall have any welding in excess of what is stated in 19 of the car specs.

- C. Back bumpers must remain original style.

16. Hoods: No sliding hood forward. Must be in stock location. Hood cannot be welded to bumper.

- A. If a hood is operable it must have a minimum 12" diameter hole cut over the carburetor for fire extinguishing. The method of latching is up to the contestant but ease of operation is essential. Hoods can be chained or bolted (no larger than 1" bolts, or ½" chain); if bolted must use angle iron, and must have wing nuts. Maximum of 4 bolts or chains. Hood bolts must **NOT** be attached to the frame or bumper. If two pieces of angle iron are welded on top of the hood and fender to bolt the hood, they cannot be longer than 8" or larger than 1 ½" by 1 ½" angle ¼" thick. If chains are used, they may be single looped around bumper.
- B. If the hood is not operational, because of welding or use of more than 4 bolts, approximately 80% of the Hood area must be removed. Filler may be used but restricted to 3/8" round bar or 1 1/2" by 1/8" thick flat metal strap. In any case cannot be longer than 8" with 1" gapping in between every 8".
- C. No material of any kind. (all thread, strapping, chains, etc.) will be allowed to attach hoods or trunks to frame, All body mounts need to be original type and original location.

17. **Trunks:** There must be a 12" access to the trunk area for inspection. Filler may be used but restricted to 3/8" round bar or 1 1/2" by 1/8" thick flat metal strap. In any case cannot be longer than 8" with a 1" gapping in between.

18. No welding inside of the car, under the car, under the hood, or inside the frame rails will be allowed. That can be deemed as reinforcement. This includes spare tire holders and 3rd row seats in station wagons. Refer to 19 of car specs for welding specs.

19. When repairing damaged cars: Patching a hole or cut must be done with no more material than absolutely necessary! No material stronger than what you are repairing is to be used. Excessive welding (over ½" or more than 2 passes) folding and welding, re-skinning, plating and any excessive use of material are deemed reinforcement and not permitted. All chains must have slack except when referring to 15B & 16 of car specs. All decisions made by head judge are final & are subject to forfeiture of entry fees and disqualification from derby. Broken or cracked frame rails may be welded and up to 12 inches total frame patch but cannot be connected to the bumper. No thicker or taller than cars frame. Repairs will be thoroughly checked through the final judge discretion.

- A. Welding of body seems without the use of any filler is allowed. Must conform to hood & trunk specs.

20. Radiators, if used must be in the original location.

- A. All coolant must be inside the engine compartment.

21. Transmission coolers are acceptable but must be mounted inside the vehicle.

22. Engines and transmissions must remain in original style mounts. Reinforcing by additional brackets or chaining down is not allowed. Stock type motor mounts may be used. **No motor plates.**

23. Rearends cannot exceed 5 lug rear ends.

24. Spring spacers or welding of shocks, or airlifts will not be allowed. Vehicle will be checked for suspension movement.
 - A. A chain may be used to travel through the coil and around the axle for safety only. Chain cannot be welded to the axle and must have slack in it.
25. No ballast of any kind will be allowed in any part of the vehicle including: tires, insides of doors, fenders, hoods, or other areas. This will be checked.
26. All wheel weights must be removed.
27. Air conditioning units left on any car must be discharged.
28. No walkie-talkies, radio systems or inter-phone systems are permitted in the cars.
29. Cars smoking excessively will be disqualified.
30. Vehicles must have working brakes at the beginning of the heat.
31. A large number must be painted on front car doors and top and must be legible enough to be seen from a distance.
- 32. Cars 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 Shawn at 307-365-0575.**