

## Douglas County Fair

### Demolition Derby Rules

**Compact Cars-** will be classified as 107 ½" maximum wheel base, 4 or 6 cylinders. Motor must be factory in that car (or replaced with the 4 or 6 cylinder engine of that car). This includes front and rear wheel drive. No cross breeding.

**Chain Stock Class-** Any 80's or newer Mopar or Ford or 77 or newer Chevy metric.

**Weld Class-** Any mass produced American made sedan or wagon can run with the following exceptions: no 1970 or older Lincolns, no Chrysler Imperials or Imperial sub frames, 4x4s, ambulance, hearses, trucks, limousines, etc.

**Mini Trucks-** Any minivan, S-10, Ranger, S-10 Blazer, Bronco II, Jeep Cherokee 84 or newer. Either 2 or 4 wheel drive, 4 or 6 cylinders only, ¾ ton rated only max.

### General Rules

1. Each driver is required to fill out an entry form and provide their own entry prepared in accordance with the rules and safety requirements of the events.
2. Derby officials may accept or reject any or all entries. All units must be inspected and approved by the derby officials.
3. Drivers must be 18 years of age or older with a valid driver's license (or 16 years of age with a valid driver's license and legal guardian present and must sign waiver.) Neck brace required under age 18.
4. Drivers are responsible for their pit crews. Must be 16 to be allowed in the pits. One pit pass with each registration \$20.00, others must purchase for \$12.00
5. Pits will open 2 hours prior to the start of the derby. Must be in the pits and registered at least one half hour before the derby starts. Drivers meeting will be 15 minutes prior to the derby start.
6. Must have full faced D.O.T. approved helmet with chin strap. Eye protection and seat belt must be worn at all times.
7. No radio communication with the driver during the derby.
8. No sand bagging, double teaming, or ganging up. Judges will disqualify upon their discretion.
9. No hitting of the front drive tires within the first 5 minutes of both the heats and the feature for cars and trucks.
10. No intentional hitting in the DRIVER'S DOOR for cars and trucks or the driver's compartment for combines.
11. You will have 2 minutes to make a legal hit. No sand bagging or double teaming or ganging up.
12. You are allowed two fires, a third one and you will be done for that heat.
13. No profanity on cars. This is a family orientated show, no exceptions.
14. Official decisions are final and rude behavior or profanity will not be tolerated. If you are not compliant, you will be escorted off the premises and/or banned.
15. No alcohol in pits before or during the derby, if found you and your crew will be escorted off the fairgrounds.
16. Protest will be handled in a put up or shut up fashion. Driver (in the same class as protested) must present a \$200 cash protest fee. Further inspection with any means necessary (1 inch drill bit and scope)
17. Open hood inspection for all classes.
18. Judges may re-inspect any entry at any time before prize money is given out.

### General Building Rules for Cars & Trucks

1. Numbers on the car must be on both doors clearly visible and on a 12" x 12" sign on the roof in a color that is clearly visible.

2. Driver's door must be painted in an offset color to the rest of the car.
3. K-Frames may be welded to the frame or to the body
4. If using #9 wire you may not use more than 4 loops per spot and may not use in more than 4 places inside the car.
5. All cars must be stock unless otherwise stated in the rules.
6. All glass, chrome trim, door handles, rear view mirrors, etc. must be removed. Also, no glass in bottoms of doors. Trailer hitches and parts must be removed.
7. No stuffing, plating, foaming or cementing of any part of the car.
8. Frames must remain stock. Only welding outlined in these rules is allowed. No filling of factory holes in frame. No repainting of frames with paint or undercoating. No "grease and dirt" tricks.
9. Battery must be located on the front passenger side floor. Must be securely fastened and covered.
10. Vehicles must have some type of working brakes. Drive shaft brakes are allowed but must be safe.
11. Distributor and transmission protectors allowed except for chain class. Dash bar must be 5 inches away from DP and two inches away from transmission tunnel for fresh cars. Pre-ran cars are official ruling.
12. Tires should be no larger than 700-15 up to 8 ply. Valve stem protectors are ok. No split rims or studded tires. Rims should have wheel weights removed. No grease or oil on tires.
13. All doors and truck may be chained, cabled or welded on the exterior only with no more than 3/16" thick by 4" wide plate or 3/8" max chain or cable (only use one method). No interior seam welding of any kind.
14. Hood can not be welded closed and must be either bolted or chained. Hood can be attached in only 6 places and only 2 can be to the frame. Anything else must be sheet metal to sheet metal no larger than 1" ready rod with 4" max washer or 3/8" max chain or cable. Use only one method.
15. May have 4 trunk pins. Only 2 can be to the frame, the other two must be sheet metal to sheet metal no larger than 1" ready rod with 4" max washer or 3/8" max chain or cable. Use only one method.
16. Dash bar and behind-seat bar allowed, 3" max diameter or square, cannot be attached to the frame, sheet metal only. May have 2 bars max behind seat in a crisscross pattern or one bar straight door to door. End plates for bars should be 8"x8"x3/16" maximum. Must be securely fastened or you will be told to remove.
17. Factory fuel tank(s) must be removed. Unused fuel lines must be blown free of fuel. Removing unused fuel lines recommended. Gas tank must be steel and securely fastened to the car in a safe, covered, location, no bungee cords. May use a boat gas tank or properly made fuel cell no more than 6 gallons. It must also be covered. No plastic tanks or gas cans. Fuel line must be secured and fastened properly. Must be fastened down securely, No plumber's strap, bungee straps or self tapping screws.
18. Fuel injected vehicles must have a fuel pump shut-off switch painted red, placed in a visible location and marked "on" and "off"
19. Transmission coolers, welded rear-end, and headers are allowed. Must have at least one 12 inch hole over carburetor in case of fire.
20. You may weld bumpers to brackets and brackets to frame, but no extra metal. Stuffing of bumpers is allowed but must be stock appearing. FOR PRE-RAN CARS ONLY: you may place a plate on a bend 1 inch past the bend 1/4" thick, 6" max per front patch and 10" max per rear. A total of 20" maximum patch allowed per side. One plate per frame rail in the front, and one per frame rail in the rear (4 plates total per car, no exceptions). You must leave a spot un-welded to show the thickness of the plate and must be able to prove or show bend.
21. Must have holes cut in hood in case of fire. 2 - 10" x 10" holes.
22. If the rules don't say you can make an alteration to your car then it is **not** allowed.

## **Compacts**

Use all general building rules plus these.

1. Compact cars will be classified as 107 1/2" maximum wheel base.
2. 4 or 6 cylinder motor must be factory (in that car or can be replaced with the 4/6 cylinder engine of that car.) This includes front and rear wheel drives. No cross breeding of any kind.
3. No welding of any kind anywhere on the frame/sub-frame, body or body seams other than what is outlined in these rules.
4. You can use any automotive bumper. You may weld bumpers to brackets and the brackets to the frame, but no extra metal.
5. Fuel injected vehicles must have a fuel pump shut off switch painted red and placed in a visible location and marked "On" and "Off."
6. Steering and suspension must remain stock, no reinforcing of any kind.
7. Homemade radiators or barrels are allowed but must be non-pressurized.
8. Halo Bars or Rollover Bars are allowed. Rollover bars may run on the exterior of the roof and must be welded to the seat bar. Connecting these rollover bars to the roof is required. The rollover bar must be positioned behind the seat, must be vertical (not angled forward or back). The rollover bar may extend through the floor tin and to the top of the frame or sub-frame (top of the frame only). Must be securely fastened or you will be told to remove.

## **Chain Stock**

Use all general building rules plus these.

1. Any car allowed Mopar 1980 and newer, Ford 1980 or newer, all GM 1977 and newer. (METRIC CARS ONLY)
2. Headers through hoods allowed.
3. No studded tires or wheel weights. Any DOT stamped tire allowed.
4. Valve stem protectors are acceptable. (Must meet judges safety standards or be taken off).
5. Radiators must remain in the stock location and be filled with water only.
6. Transmission coolers are acceptable inside or outside, the car but must have approved steel or hydraulic hose.
7. Place fuel cell behind driver's seat of the car where the back seat used to be.
8. Bumper and shocks may be welded (no added metal), bolted or chained to frame, so we don't have loose bumpers on the track. You may trim ends. Bumpers are interchangeable. Bumper brackets must be factory to the car. No Chrysler V bumpers.
9. Windshield screen is also highly recommended.
10. If not running stacks through the hood a hole must be cut for fire safety.
11. Trunk lids and hood may be fastened in 6 places with chain 3/8 inch, 4 loops maximum.
12. Driver's door may be welded shut, all others chained with 3/8 inch chain, 2 per seam. No welding of any other doors but driver's door. The bottom of the door seams may be chained through the door and around the frame.
13. Frames must remain factory stock. NO tilting Fords in any way.
14. Stock suspensions must be left intact. No welding up A arms or tie rods.
15. Batteries must be placed in the passenger's side floorboard and secured and covered. Any 12 volt battery safely in the car is allowed.
16. Ignition switches and push-button starts are optional (wire it up so it works).
17. Body mounts must remain in position between the frame and the body.
18. No welding leaf springs or adding extra leaves.
19. No welding body seams.
20. Cutting for wheel clearance is allowed.
21. Homemade shifters allowed.
22. Driver's side window nets recommended.
23. Motors are interchangeable.
24. Dash Bars are recommended! Cage is okay for safety.
25. NO protectors, cradles, sliders. If it is not a part from the automotive factory you can't run it.

## ***Weld Class***

Use all general building rules plus these.

1. Motor and transmission of any make allowed may be chained or welded in place in stock location with no reinforcement of the frame.
2. Frame seams may be welded top seam only full length of frame (Only one bead 1/2" wide maximum and no extra steel may be added) OR factory seams from the firewall rearward may be re-welded (12" total length, 1/2" wide bead maximum per frame rail). This rule is to allow the welding of frame seams that were not welded correctly at the factory. This may be 5" on top 7" on bottom etc. at the builder's choice for a total of 12" per frame rail.
3. Halo bars and or rollover bars are allowed. The addition of "posts" on hard top sedans (connecting top of doors to the roof) is allowed, 1/4 X 4" strap maximum. Roll over cages may run on the exterior of the roof, and must be welded to the seat bar. Connecting these roll over cages to the roof is required. The roll over bar must be in position behind the seat, must be vertical (not angled forward or back.) The roll over bar may extend through the floor tin and to the top of the frame or sub-frame. The roll over bar may be welded to the top of the frame or sub-frame (top of the frame only.) Must be securely fastened or you will be told to remove it.
4. May use un-pressurized homemade radiator or barrel, can be attached in four spots to the core support either bolted or welded in max 3/8" bolts or 4 inch welds. Cannot be attached to or touch frame in any way.
5. A-arms may be bolted down with 1/2" bolt maximum. A 2" wide by 1/4" strap is allowed to be welded in to get front height. This is only to help with height no reinforcing to a-arms is allowed.
6. No altered wheelbase, No 3/4 -1 ton truck rear ends (8 lug, floater axles, etc.) or non factory leafed cars in any class allowed. Rear end braces are allowed.
7. Cutting and/or pre-notching the rear frame rails are allowed, but must not re-weld any part of it. One extra body bolt is allowed per side
8. Rear-end control arms can be reinforced. If you reinforce your control arms, you must build them starting with a stock set. They may be shortened or made longer.
9. Bodies may be bolted tight to the frame. No bigger than 1", all thread, 6" washers maximum. Bottom of bolt must be in the frame, not below the frame.

## **Mini Trucks**

Use all general building rules plus these.

1. Any mass produced Mini vans, S-10s, Rangers, S-10 Blazers, Bronco IIs, Jeep Cherokees (84 or newer), 2 or 4 wheel drive (front drive shaft removed) 4 or 6 cylinder only. ¼ ton rated max.
  2. Front and rear bumper height must be 28" or less from the top of the bumper to the ground.
  3. Front suspension may be welded to get height. Maximum of 7 leaves in the rear suspension 6 clamps per pack including stock.
  4. Welding of tailgate to quarter panels allowed. May use 2"x2"x1/4" angle iron on the inside of the box welded to the box and tailgate. C channel, angle iron, round or box tubing is not allowed between the kicker and the roll bar or inside the box.
  5. Cabs must be secured to frame, 2 extra bolts are allowed for safety, cab may be bolted together with box, 4 - ¾" bolts max. No shortening or adding to box or frame.
  6. Intermarriage of motors and transmissions allowed (4 or 6 cylinder only), in stock position only. No set backs allowed.
  7. Must have steel gas tank securely mounted.
  8. Doors must be strapped, welded, chained, cabled/wired, ONLY 1 OPTION CAN BE USED. Welded straps of 3" wide x 1/8" thick maximum on each door cannot be more than 3 feet long on each door, except driver's door.
  9. Hood may be fastened with 6 bolts up to 1" with a maximum of 4 bolts to the frame. 4"x1/4" washers can be used.
  10. Up to 6 extra body bolts are allowed up to 1" in box floor with 4x4x1/4" washers.
  11. Front fenders may be bolted to inner wheel well with 5 - 3/8" bolts.
  12. Dash bar kickers must be behind the fire wall and down to the frame and may be welded. No forward kicker to the distributor protector or mid plate.
  13. Homemade radiators and barrels are allowed. Can be attached to core support with 3/8" bolts or welded in with maximum 4" welds. Cannot be attached or touch the frame. No iron allowed on top of the core support.
  14. No C Channel, round or boxed tubing can be welded inside frame rails under cab or box. May frame seam weld top only from the fire wall forward, 1 pass ½" wide.
  15. Any ply 15" or less DOT tires allowed. May have tubes or tire in tire. May run Skid Steer tires on non-drive axle.
  16. Halo can be welded to the top of the frame, kickers 2 feet maximum behind cab. Tin mounted only.
  17. Pre-ran frame repair of 20" total on vehicle, same width and thickness as original frame allowed.
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