

Carbon County Fair Demolition Derby 2022

RAWTOWN RIOT

Limited Weld Class

There Is ABSOLUTELY NO GRAY SPACE TO THESE RULES! Nothing other than what is listed below will apply to ALL cars entered, NO EXCEPTIONS!

In the interest of Safety and Fairness to all contestants, the following Rules and Regulations Shall Prevail.

All Drivers and Pit Crew must be 18 years of age or older. NO ONE UNDER THE AGE OF 18 WILL BE ALLOWED THROUGH THE CONTESTANT GATE!

No 1973 or older Chrysler Imperials, 1973 or older LeBarons, No Ambulances, Hearses, Limousines, 2003 or newer FOMOCO And No Sedagons.

Drivers may enter each heat but must have a different car for each heat entered.

Pre-Registration Until July 1st, Entry Fee is \$75.00 (includes a Drawing for the Pre-Entrants) After July 1st, the registration fee will be \$100.00. **DRIVERS MEETING AT 3:30 PM on August 6th.**

ABSOLUTELY No SANDBAGGING or TEAM DRIVING, **Consequences** at the Officials Discretion!

ABSOLUTELY NO ONE is ALLOWED IN THE PITS OTHER THAN DRIVERS, PIT CREW AND OFFICIALS, THIS RULE WILL BE ENFORCED!

All cars will be inspected between the hours of 9 AM and 3 PM. must be inspected in the DESIGNATED inspection area, NO EXCEPTIONS. **After Passing Tech, all cars will be impounded.**

Pit Gates WILL be closed & locked at 3 PM.

Safety Guidelines and Eligible Disqualifications

Any Driver or Crew member disobeying the rules, caught TAMPERING with another Car, Or UNSPORTSMANLIKE Conduct WILL NOT be tolerated, Subject to Disqualification and/ or Suspension. **See note on Last Page!!!!**

UNDER NO CIRCUMSTANCE ARE ALCOHOL OR DRUGS ALLOWED IN THE PIT AREA, NO DRIVERS OR PIT CREW WILL BE ALLOWED TO BE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS, IF CHOOSING TO DO SO, YOU WILL AUTOMATICALLY BE DISQUALIFIED AND ALL ENTRY FEES AND PRIZES WILL BE FORFIETED.

Drivers will be issues (3) Passes per car, 1 for driver, 2 for pit crew. All Pit Crew Personnel must be listed on the Entry Form and have the Proper Release Forms Signed & Turned in. All Equipment and Tools must remain in the Pit area. Each entered car is allowed 1 Support Vehicle in the pit. No Camp Trailers or Motor Homes allowed in the Pit Area.

EVERY PIT CREW MUST BE EQUIPPED WITH AN OPERABLE FIRE EXTINGUISHER!

No Pit Persons are allowed in the arena during or after a Heat.

Safety Belts, Helmets, and Eye Protection are required.

You may patch any hole in the floor for Safety only. You must use same thickness sheet metal only, and your patch may only be 2" larger than the hole you are patching.

ALL GLASS/FIBERGLASS NOSEPIECES, COWLING, PLASTIC LENS COVERS, AND TURN SIGNALS, ETC. MUST BE REMOVED. THIS INCLUDES BROKEN GLASS IN THE DOOR PANELS. NO VEHICLE WILL QUALIFY TO COMPETE UNLESS ALL GLASS AND PLASTIC HAVE BEEN REMOVED.

Drivers must remain in the car, with seat belt, helmet, and eye protection on during the heat. DO NOT GET OUT OF YOUR CAR, until it is ready to be removed from the arena area.

Driver Door Hits ARE Illegal, If the Hit is deemed Careless/or Deliberate by 2 Officials, you will be Black Flagged! If you use your door as "Defense" We Will Not Enforce this Rule!

Each car has Two (2) minutes to make an **Aggressive** hit on another RUNNING car, being hit by another car DOES NOT renew your time!

IN the Event of a Rollover the heat will stop for safety reasons, the car rolled will be out, counted as timed out.

After the Main Event, any car's winning money will be Re-Inspected. If found out of compliance with the Rules, all Winnings and Entry Fees will be forfeited.

LIMITED WELD CLASS

Doors

1. Only the exterior door seam sheet metal must be welded using rolled rod or a flat strap no bigger than 3" wide by 1/4" thick
2. You may bend the inner and outer door skins together and weld them solid with no bigger than 3" wide by 1/4" flat strap. Strap may be used on door window openings only and may not exceed them
4. You must have Driver Door Protection, not to exceed 10" Past Door Seams. With a Minimum Height of 4" Measured Vertically. Must be in the Center of the Door and Run Horizontally.
5. Driver's door may be reinforced in Anyway (Completely Covered, Plated, ETC.) Reinforcing of the Door Only, Drivers Door Reinforcement cannot be tied into the frame.
6. To address Ripped Doors or Sheet Metal Repairs on Doors only, you may patch No Larger than 1" past the Damaged Area with same thickness Sheet Metal for Safety Purposes Only. This is at Techs Discretion, if we feel you are abusing this rule you may be asked to cut.
7. No Hammer Seaming of Doors, Trunks, Fenders, or Quarters. (See 80s Class cars)

Cage

All cars MUST have a cage, including Dash bar, Seat bar, Passenger door bar & Halo. Driver door bar is Optional. 2" Minimum (With Gussets), 6" Maximum Square or Round Tubing

1. Halo is Mandatory, Vertical Bars to Halo can be tied into the Floor or Frame (Optional) Halo **MUST** be either **Welded or Bolted** to the Roof, NO more than 12" total.
2. You may have a total of 4 down bars, two per door bar side. Down bars must be vertical within the inner door seams & not covering up any of the body mounts/bolts. Your halo bar if running to the floor is considered 2 of your 4 down bars Front down bar can be **No bigger than 2"x2"** Square or Round tubing OR 4" C Channel (Optional)
 - a. All down bars may only be welded to the frame or sheet metal. If you only weld to sheet metal, you may use a 3" x 3" plate.

3. Gas tank protector is Optional, Maximum of 30"x30" ID, **CAN NOT** cover ANY Body mounts or Bolts, Must be 4" away from ALL sheet metal

4. Cage must be a Minimum of 4" from the firewall at the Center & at least 4" above the Tranny center hump.

Bumpers

The intention of this rule is to allow you to mount the bumpers in such a way that they are less likely to fall off.

1. Frames can be Squared Up to the Front Most part of the Radiator Core Support Mounting hole, if running a car with a Factory Welded in Core Support or Non Removable (No Core Support Mount) style car you may Shorten Frame to allow Mounting of Bumper, Nothing Past the Core Support

2. Bumper must be mounted in front of Radiator Core Support on all Cars, Radiator Core Support cannot be Altered or Moved in any way.

3. Non-Compression Bumpers can be welded to Fenders and Sheet Metal of car.

4. Bumper Brackets and Shocks Can Only be welded the first 10" to Frame. Shocks and Brackets cannot be relocated inside Frame unless Factory. Can replace Brackets and Shocks with a piece of 10"x4"x1/4" Plate only

5. Bumper Chrome may be welded to Inner Bumper Structure (Beam of Bumper) with No Added Metal. Ends can be Cut and Shortened, No Stuffing. Bumpers may be Flipped "Upside Down."

6. Instead of using an OEM bumper you can use a 4"x4" Square Tubing 3/16 thick with Open Ends, No Wider than the car.

7. These Bumper Mounting Rules Apply for Front and Rear Bumpers.

8. Maximum Height of FRONT bumper from ground to the Bottom of bumper is 22". Minimum Rear bumper height is 15"

9. For the front and rear bumpers, you may not use more than two flat straps up to 3" x 1/4" x 36" long from top side of sheet metal or top of core support to bumper.

A. Only the **last 8"** of each end of the strap may be welded.

B. Straps may not connect to each other.

Frame

1. All Factory or Aftermarket Body Mounts and Pucks Must be in Place. Must have a 1" Gap between the body & frame. Body mount bolts may be replaced with a 1/2 bolt, and TWO 2" washers per body bolt (One Washer on Top and One on Bottom)

2. No Body Spacers.

3. No Buffing, Grinding, Painting, Oiling, or Packing of the frame allowed.

4. No Frame Changing or Sub Swapping Period. Must be Original Frame to Year, Make, and Model. No Re-stubbing.

5. FRESH CARS are allowed a Max of 2 - 6"x4" 1/4" patch plates in any location (Optional) at your discretion.

6. If you choose to Weld a Patch Plate directly to your Bumper Shock/Bracket/Plate No Gap is required. Otherwise, a 1" Gap is required from Weld to Weld on All Other Patch Plates, Patch Plates Can't be connected in Anyway.

7. Rear Frame Rails may NOT be pre bent or rolled up on Fresh Cars.

Hood

1. Hood must be 100% in stock location and removable for inspection.
2. Only one of the following two ways of securing the hood is allowed:
 - A: SIX, 6" long $\frac{3}{4}$ " Bolts OR SIX Pieces of 6" long $\frac{3}{4}$ " All thread can be Welded to Firewall, Back of Radiator Core Support, and Through Inner Fender with 4" Washers $\frac{1}{2}$ thick, 2 Washers Per Bolt, Maximum of 6 Hood Bolts
 - B. 2"x2"x $\frac{1}{4}$ " angle iron may be welded, a total of 12" on the fender, and a total of 12" on the hood per side. They must be back-to-back and bolted together with a $\frac{1}{2}$ " bolt. These cannot be welded across the seam.
 - C. All mounting options are sheet metal to sheet metal only, nothing can be mounted to frame.
3. 12" x 12" open hole must be cut in the hood for headers and air cleaners. What is cut out must be removed.

Trunk

1. Trunk seams must be welded, you may use rolled rod/rebar no bigger than $\frac{1}{2}$ " as filler, or 3" x $\frac{1}{4}$ " flat strap.
2. ALL Trunks must have 2(Two) Minimum 8" holes cut in trunk lid.
3. Wagon Decks may be welded in place, using **one 6"** pass PER side of deck, and be empty inside, MUST have a 10" hole in the center.
4. Trunk lid must be in stock location but may be tucked and bent down to trunk floor. No more than half of trunk lid can be tucked. Trunk lid cannot be welded to trunk floor.
5. No Hammer Seaming, V-Ing or Wedging of Trunk Lid, leave it in stock location, tuck as per rules allow or remove. (Except 80s Class cars) SEE NOTE FOR 80s' class cars.
6. Trunk may have no more than ONE- 1" all-thread per frame rail or unibody vertically. Must be located on the straight part of the frame rail between the rear bumper and the first upcurve of the hump. All-thread may go from the trunk lid to the frame but must go through the body mount hole, OR the all-thread may be welded to the exterior of the frame or unibody.
 - A. **One 5" washer** per all-thread under the frame and top of trunk lid may be used and cannot be welded to the frame.

Drive Train

1. Engines may be swapped. A hole may be cut for the distributor. Motor mounts may be fastened with one 2"x $\frac{1}{4}$ " strap or $\frac{3}{8}$ " chain per side to the top of the factory engine cross member. No welding chain or flat strap to frame, can be welded to engine cross member only, motor mount itself may be welded to engine cross member.
2. Transmission, oil and fuel coolers are allowed (electric fan or ice for cooling).
3. **A.** If you are using a lower engine cradle, you may use aftermarket pads, motor mounts with bushings OR two pieces of 2" x 2" x 6" square tubing as lower motor mounts.
 - B.** Your motor mounts can only be welded to the engine cross member.
 - C.** If no pads/motor mounts are used, then the cradle may only be welded with 12" of weld to the engine cross member **OR** bolted to the factory engine cradle, NOT the frame. It CAN NOT reinforce the Frame in any way. Pulley Protectors are allowed.
 - D. ONLY** Lower Cradle and Pulley Protector are allowed. (NO- Mid Plates, Distributor Protectors, Carb Halo, or Header Protectors)

4. Transmission Cross member may be replaced with 1 piece of 2" x 2" ¼ Square Tubing and may be welded to the frame, factory transmission cross member may be welded to the frame.
5. Any non-braced 5 lug or non-braced 8 lug rear ends will be allowed. NO AXLE savers allowed. You may add factory or aftermarket style ears and mounts to mount different rear ends in different cars as long as it does not reinforce the car.
6. Rear end gears/axles may be changed, welded, or posi.
7. Chaining of the humps is allowed with 1 single loop of 3/8 chain per side. May go through package tray, body, and frame. Chain must only be bolted with 3 3/8 bolts per side.
8. Transmission plates, transmission bell housings and adapters will be allowed to accommodate the use of different engine and transmission combinations.
9. No Ultra/Steel Bells, No Steel Tail shafts & No Tranny Braces will be allowed. NO EXCEPTIONS!!

Suspension and Steering

1. A- Arms may be welded with 2 pieces of 2"x 3" ¼" flat strap per A arm.
2. A Arms, Spindles, and Hubs may be interchanged but must be of car Origin and direct bolt on
3. Upper and Lower Ball Joints may be replaced with Big Box Factory OEM style parts and may be welded in place.
4. Aftermarket Small Pin Style tie rod ends will be allowed, no heim joint or big pin style tie rods.
5. Aftermarket Steering Columns will be allowed.
6. Coil Spring Cars can double rear coil springs.
7. 9 Leaf Pack Max on Leaf Spring Car with a total of 4 clamps per pack. This includes any stock clamps on pack
8. No Coil to Leaf Conversions, No Watts Links
9. No Aftermarket Spindles
10. You can run air shocks, spring spacers, and different springs to raise the suspension.

Windows

1. You must have at least two (2), but no more than four (4) front window bars.
2. Bars may only be attached by welding or bolting directly to the sheet metal on the roof, down to the hood cowl.
3. One rear window bar will be allowed with the same material specification and allowed to mount to roof sheet metal and down to the rear window cowl or speaker deck, Maximum 2" X 2"

Radiator & Radiator Supports

1. Only O.E.M. style passenger car radiators may be used. Aluminum racing radiators of the same style may be used.
2. Radiator must be attached to the core support.
3. Radiator Loops may be used.
4. Radiator must be mounted in such a way to hold the radiator in place, not strengthen the core support. No added metal may be used.
5. Radiator supports must remain in the stock location, however, Two (2) Radiator support mounts can be removed completely for All-thread use.

- 6. Electric Fans are allowed.
 - 7. Radiator core support seam welding is not allowed.
 - 8. Radiator supports may not be welded to the frame, bumper brackets, bumpers or anything else.
 - 9. You may use **One (1) up to 1" All thread** per frame rail/unibody.
 - A: It may go from the hood to the frame, but must go through the radiator support mount hole, or
 - B: Be welded to the exterior of the frame/unibody, **Either Option must be within 1" of core support**. The washer used to secure the All-thread may be up to a **5" washer**, **ONLY 2 Washers** per all thread may be used.
- *ONLY 1 of these 2 Options may be used*
 ****Note: All thread does not count toward hood bolts. ****

Fuel Delivery System

- 1. Metal marine type tank, metal fuel tank or derby type metal fuel tank is required. 6 Gallon MAX
- 2. Original gas tanks must be removed from car.
- 3. Fuel Cell/Tank may be bolted/welded to floor OR suspended at least 1" off the floor. (Optional) Gas Tank Protector (30" X 30" ID) attached to the Cage. Bolts may not go through or around the frame. All body mounts must be visible.
- 4. Fuel lines must be run inside the car
- 5. Electric fuel pumps are allowed.
- 7. Automatic pump gas only, NO ALCOHOL TYPE FUEL MAY BE USED!

Batteries

- 1. Two (2) Batteries may be used. Batteries must be secured & covered unless dry cell is used.
- 2. Battery brackets must be made from metal and bolted/welded to floor OR suspended at least 1" off the floor. Bolts may not go through or around the frame. All body mounts must be visible.

Tires & Brakes

- 1. No split rims or studded tires.
- 2. Wheel weights must be removed.
- 3. Stock rims only. No bead locks or Bead lip stiffeners or reinforcing of the rims is allowed.
- 4. Valve stem protectors are allowed. Must stay within 4" of valve stem.
- 5. All cars must be able to demonstrate the ability to stop at all time. If your brakes do not work, you will not compete.
- 6. No foam filled tires.
- 7. Wheels and tires must have an X painted on them.
- 8. Small Wheel Centers allowed, 8" Maximum, No Full Centers

Cutouts & Appearance

- 1. Cutouts over the wheel wells are allowed and may be bolted. Bolting of all wheel wells will be allowed with 4, 3/8 bolts per wheel well with 1 1/2" washers.

2. If inspection holes and fire holes are determined to be too small you will be asked to cut them larger.
3. Slogans and advertising can be placed anywhere on the car.
4. **ROOF SIGNS** are mandatory. They must be located towards the back of the roof and must be at least 18" x 18". Cannot add structure to the roof or pillars. If suspended from Halo, it must have a 2" clearance between roof and bar.
5. No 9 wire may be used for repair or manipulating of the car.

Pre-Ran, Feature, Consolation Repair Rules

NOTE: pre ran is a notable Demolition Derby, in a legitimate heat.

1. Max size patch plate 6"x4"x ¼". Plates can be split but must remain within the 6"x4" dimension of the patch plate, any excess cut off or removed must be discarded and may not be welded elsewhere. Frame plates may be manipulated, rolled, and bent
2. No 9 wire may be used for repair or manipulation of the car
3. Doors can be fixed with same thickness sheet metal, 1" past tears or holes in doors only.
4. Broken Steering Components can be fixed with 1" x 1" x 1/8" angle iron.
5. PRE RAN cars allowed a **TOTAL** of 8 Patch Plates 6"x4" ¼" in any location.
- 6 Rear Frame Rails may be Notched & trunk May be Rolled.

Allowed Aftermarket Parts

- | | |
|--|---|
| 1. Metal Gas Tanks | 2. Coolers- Transmission, Oil, Fuel |
| 3. Floor Mounted Brake and Gas Pedal Combos | 4. Shifters |
| 5. Steering Columns | 6. Lower Cradles with Pulley Protectors |
| 7. Slider Drivelines | 8. Pinion Brakes |
| 9. Small Pin Tie Rods | |
| 10. B.O.P. Transmission Adapters & Adapter Plates. | |

80s LIMITED WELD CARS

For 80s cars we will allow the following

1. Trunk Lids May Be “V”d in the Center, But **MAY NOT** exceed 6” deep when measured from Fender to Fender.
2. Fresh cars may weld **4 (four)** 6” X 4” X ¼” Plates, must be painted Orange.
3. Weld the seams at the Crush Box, using a single ½” Pass only, NO ADDED Metal. Must be painted Orange.
4. Crease the body, but No welding of creasing.

TECH & OFFICIAL CALLS ARE FINAL!!

SUSPENSION CLAUSE

IN the event of a Driver being Suspended, A certified letter indicating the charge, shall be sent to that driver within 15 Business days of the Derby, from the event promoter. They shall respond by Certified Mail within 10 Business days to the event promotor, requesting a hearing if desired, (WITH a \$100.00 Security deposit, refunded when you show up). Upon receipt, the event promoter will then contact the Fair Board Members and we will set up a hearing for the incident. This is to create a fair chance for all sides to state their case.

These rules are Non-Negotiable. **ALL** questions shall be submitted by the following forms ONLY!

- 1) Email; chuco_pacheco01@msn.com ATTN: Rawtown Riot
- 2) Text: 307-321-3625
- 3) Written letter; Rawtown Riot PO BOX 687, Rawlins, WY. 82301