

Clearwater County

Fair

Demolition Derby 2016



Full size cars

Participation Regulations

1. Driver must wear factory seat belt or harness, DOT approved helmet, eye protection and a long sleeved shirt. Gloves recommended but not required.
2. **Do not remove helmet or seatbelt or exit vehicle when in arena under green flag.** You may get out during a RED flag with an official's approval.
3. Driver may maneuver forward and backward.
4. DO NOT HIT THE DRIVER'S DOOR!! First intentional hit will result in immediate disqualification. Don't use your door as a shield.
5. DO NOT play possum. NO TEAM DRIVING, sandbagging, or holding. You will be disqualified.
6. If a driver does not hit another car within ONE minute, that driver shall be disqualified.
7. No hot-rodding in pits. Keep vehicle at an idle.
8. Any open door or fire that had to be put out by the Fire Department will be cause for disqualification. If in a heat, you may fix it and come back for the Consolation Heat.
9. FAILURE TO OBSERVE ANY RULE BY A DRIVER OR PIT CREW MEMBER WILL RESULT IN DISQUALIFICATION AND NO REFUND WILL BE GIVEN.

Heats

1. Each derby performance shall consist of heats. The last two active cars in each heat shall comprise the Feature cars. Driver may change cars from the Feature provided the car has run in a prior heat in this derby. Car will be inspected for non-compliance.
2. Drivers may enter each heat BUT must have a DIFFERENT CAR for each heat. Driver can only have ONE car in the Feature.
3. Any car can ONLY run in one consolation heat. One winner from each consolation heat will advance to the Feature.
4. Passenger cars permitted. No convertibles OR hearses.

Vehicle Preparation

1. Slogans, advertising or printing may be placed any place on your car except the front doors (no profanity on your car, please). Put DRIVER'S NAME above NUMBER on both front doors in large print. You may use any number of your choosing.
2. Remove all loose metal, chrome mouldings, lights, hubcaps, rear upholstery, carpet, all glass, and trim except the front seat before reaching the fairgrounds. Nothing may remain in the bottom of the doors or trunks. Cars must be ready for inspection when they reach the fairgrounds and in running order.
3. Remove all trailer hitches and braces.
4. Vehicle must be clean of all loose objects, glass, and debris.
5. **Absolutely no saddagons or Imperials will be allowed.**

Building

General

1. All officials' decisions are final **(NO exceptions at all.)**
2. **All cars will be thoroughly inspected before being allowed to compete. Any car deemed unsafe will not be allowed to run.**
3. All decisions are at the discretion of the officials, and anything done in excess will be told to cut or fix. If you refuse, you will NOT be allowed to compete and will not receive a refund.
4. If it is not stated in the rules, **DO NOT DO IT. NO GRAY AREA BUILDING.**
5. There will be no welding on the vehicle except where specified, and as a field repair. Field repairs may NOT have any added steel.
6. There will be no reinforcements EXCEPT where specified.
7. If a cutting torch is brought into the pits, you MUST have a fire extinguisher with you.
8. **NO SPECIAL BUMPERS, EXTRA WEIGHTS, TRAILER HITCHES, ROLL BARS, SPECIAL LIFTS, AIR LIFTS, BLOCKS, SHACKLES OR ANY REINFORCEMENTS EXCEPT AS DESCRIBED IN RULES.**

Plating

- 1. Cars that have been pushed down or bent back or the frame is ripped can be plated, but we must be able to see the bend or rip in the frame. If the bend is completely covered, you will be asked to cut it. If you refuse, you don't run.**
- 2. Plating can only be 6"x6"x1/4" thick per repair and you can only plate 2 sides of the frame (NOT all 4). Plates must be parallel, no perpendicular plates. They must have a gap of at least 2" between plates. A total of 24" per frame rail will be allowed. On cars with a Y frame, if the top of the Y is already plated, that counts as one of your plates.**
- 3. There will be no slicing or trimming of illegal plates or reinforcement, if it doesn't belong, it has to be removed completely.**
- 4. Humps can be plated with 1/4" steel and only on the outside perimeter. This is in addition to the 24" allowed in #2.**

Frame, Drivetrain, and Suspension

1. No frame plating or stuffing. The officials reserve the right to inspect the vehicle by any means necessary. The only exception is a Y-framed car. Then only the top of the Y is allowed to be plated from the bumper to the A-frame. Only 1/4" steel is allowed for this plate. Frames ARE allowed to be tipped. The factory seam can be welded from the firewall forward ONLY.
2. Rubber body mounts may be replaced with washers that are the same size as the original mounts. The washers must be in the factory position of the original mounts. No added steel of any kind anywhere on or in vehicle unless specifically stated in the rules. Absolutely no stuffing or putting anything on or inside the frame unless it came from the factory that way. **If you are found to be in violation of this or any rule and are unable or unwilling to make changes to get your vehicle within the rules, you WILL NOT BE ALLOWED TO COMPETE AND WILL NOT RECEIVE A REFUND.**
3. Releafing is permitted and must function properly. Must retain staggered leaf pattern. No welding together. You may use 6 clamps per side on leaves, no more than 1/2"x2"x4". Helper clamps are included as 1 clamp per side. 9 leaves per side, maximum. Shackles will not be allowed to be relocated. No welding rear shocks or any movable part in rear suspension. 5 bolt pattern rear ends only, no truck rear ends.
- 4. Leaf conversions ARE allowed Up to 9 leaves, keep staggering effect.**
5. Front suspension may be welded or bolted. Tie rods may be welded. Pre-ran cars can be fixed.
6. Notching of frame IS allowed.
7. Any frame that has been painted, undercoated, or oiled will automatically be disqualified upon inspection with no refund given.
8. Axels may be made full posi, 5 bolt rear ends only. Rear ends MAY be tilted.

Tires, Steering, and Brakes

1. You must have at least 2 working breaks.
- 2. Skid steer tires are allowed. Doubled and flapped tires ARE ALLOWED.**
3. You may alter your steering column to prevent loss of steering.

Engines and Transmissions

1. Motor and transmission of choice is allowed. They cannot be welded in, but may be chained down. Must remain in stock position. Factory mounts are allowed.
2. Headers and tranny coolers ARE allowed. If no headers, 18" diameter hole must be cut in hood. No coolant inside passenger area of car.
3. Hand throttles WILL be allowed. You may run a shifter through floor and may have a switch panel.
4. Distributor protectors are permitted. ½ inch thick maximum. Must be attached to the engine only. If at any time the protector comes in contact with the dash bar, you will be disqualified.
- 5. Engine cradles and transmission protectors are allowed.**

Gas Tanks, Fuel Lines, and Batteries

1. Original gas tanks must be removed and replaced with a metal fuel tank up to 6 gallons with maximum of 6 gallons of fuel. Boat style or approved fuel cell only. Absolutely no plastic tanks. Must be located behind driver in rear seating area in either center or directly behind driver's seat. Keep away from exhaust. Must be covered with either a metal shield or rubber mat. Original gas lines must be removed from underneath car.
2. Two batteries ARE allowed, and must be securely fastened to the floor in front passenger seat area with a battery box or cage. A steel box is strongly suggested as a wood box tends to start on fire. Must be covered with a floor mat or rubber mat.
3. All fuel injected cars MUST use high pressure fuel line and have a fuel shut off separate from the ignition, mark with red paint.

Body

1. Rust holes in sheet metal may be patched with same gauge sheet metal only.

2. All doors must be strapped, wired, welded, or chained shut. Doors can be welded solid on OUTSIDE ONLY. Driver's door MUST be reinforced and can only extend 6" past the edges of the door with a bar no thicker than 5/8" and no wider than 5" and fastened down in the factory position. Wagon gates are NOT considered doors, and if welded, must use the 5" rule (weld 5", skip 5", weld 5", skip 5", etc.). No homemade body seams. Factory seams only. NO WELDING ON BOTTOM SIDE AT ALL. You may do other driver's door reinforcements, but these cannot extend past the door in any direction.

3. Hood, deck lids and doors can ONLY be fastened down in the factory position. Eight bolts of redi rod can be used to fasten hood- 4 to the frame and 4 through the sheet metal. No washers bigger than 8" can be used over redi rod. If not using headers, 18" diameter hole must be cut in hood. All decking in station wagons must be removed. Trunks may be welded solid. Trunks may be tucked, but no more than 50%. A 2"x2" max bar may be ran from the roof or halo bar to the trunk. Bar must be connected to the body, not the frame.

4. Absolutely no spray or expanding foam will be allowed anywhere in or on the vehicle with the exception of around outside of radiator.

5. Stuffed factory bumpers are permitted in the front only. Backing plate must be stock but can be welded to the bumper. Hard-nosing is allowed. All bumpers must meet 18" max to bottom of bumper on fresh cars. Prior ran cars will be inspected. Bumpers may be welded solid to the front of the frame rail. No gussets.

6. You MAY cut wheel wells for tire clearance. Fenders may be bolted back together with 5-3/8" bolts or less. The fender well may be trimmed and welded using the 5" weld rule. The rear quarter panel is considered part of the rear fender. Inner fenders CANNOT be welded to the frame.

7. Frames in back must be no less than 14" off the ground.

Radiators

1. Radibarrels are allowed, and must remain in stock position. Can be welded on to ONE frame rail for fastening purposes. Steamers ARE allowed.

Driver's Safety

1. You may use channel iron or tubing up to 6" for door bars, they may not go through the fire wall and must end 6" in front of the rear wheel house.

2. Seat bar must be no further than 6" behind the seat and must be a minimum of 2" and no larger than 6".

3. You may add 4 vertical down bars welded to your door bars, and welded to sheet metal only without any extra plating. Maximum 3"x3" tubing will be allowed for these. These bars may not attach to or conceal a body mount.

4. No kickers of any kind.

5. All horizontal cage bars must be at least 12" off the floor of the car, measured at the body bolt elevation.
6. All cage components must be in the interior of the car, not inside the door structure with the exception of the driver's door. This door bar may be inside the door to allow more room for driver's safety.

Halo or Rollover Bars

1. You may add a halo bar to cage components listed above. 2"x 2" or 2" round maximum in size/diameter.
2. Halo bars must be in a direct vertical line and no farther than 6" behind the rear of the seat.
3. Halo bar must be in the interior of the car. The top of the halo bar may go over the top of the roof and be welded or bolted to roof sheet metal in 2 spots.
4. You may weld the halo bar to floor sheet metal but this counts as 2 of your vertical down bars.

Any questions may be directed to AJ Ysen at (218)556-5552 ONLY. If no answer, leave message. Please do not text. You may also email ajsysen@live.com or contact via Facebook. Join us on Facebook at Clearwater County Demolition Derby.

