

Large Car Demolition Derby Rules- Deltana Fairgrounds, July 27th,

Have cars at track no later than 2:00pm prior to event

***If car does not pass inspection or driver is unwilling to change car to pass inspection, car will not run in derby - absolutely no refunds!!

1. All rules will be followed, or you will not run!! No PROFANITY or bad taste shall be allowed on the car or paintjob. It will be painted over if found to be offensive. Children are our biggest fans!

2. Large cars-Any make sedan, station wagon, or hearse, can be run. No, 4x4's, El Caminos, Rancheros, SUVs, etc. If you do have a 4 wheel drive car, disable either the front or rear drive.

3. All bodies must be mounted on stock frames.

4. Drivers must be 14 years of age or older and have a valid driver's license or permit. Ages under 18 must have a signed permission slip.

5. Driver must wear seat belt and helmet, along with eye protection at all times when operating vehicle. Also all vehicles MUST have a fire extinguisher mounted inside the car, within reach of the driver.

6. ALL drivers and crewmembers must attend the drivers meeting.

7. DO NOT hit the driver's door! Sometimes this happens, but if it looks intentional or carelessness, you will be disqualified. Don't use your door as a shield, it may cause you to get disqualified. Driver's door should be painted red, or should contrast with the rest of the car.

8. No hot rodding in the pits, keep it at an idle.

9. Any fire may cause a disqualification. Once the fire is distinguished, it will be determined at that point if you can continue.

10. NO sandbagging or holding!!! You will be disqualified!!!

11. You are given 2 minutes for aggressive hits, 2 minute for restarts and 2 minute if you are hung up. After 2 minutes without a hit, you will be timed out.

12. No alcohol in the pits, if anyone is caught with alcohol, they will be disqualified, this includes their pit crew. No one in the pits may consume alcohol during any portion before or during the event.

13. Cars may be subject to re-inspection before any prize money is handed out.

14. Any controversies will be taken up at the drivers meeting. No fighting!!!

15. Any questions building the car, please give us a call! If it doesn't say you can do it, don't do it. Call 1st!!

16. Judges decisions are FINAL!!!

PREPARATION:

1- All glass, plastic, and carpet must be removed. Nothing may remain in the bottom of the doors or trunks.

2- No added weight to the car except the weld and strap/rebar on seams. No packing the frames, trunks, doors(except drivers door), or under floor, if car floor is rusted, you may weld in sheet metal for supporting seats, battery, fuel tank, etc).

3- Front seats must be securely mounted to the floor however if you are using bolts to secure the seat, they may not go through the frame. Must have some form of an operable seat belt. All cars should have inner padding on driver's door.

4- All flammable materials inside the car must be removed except necessary safety padding and seat.

5- A pipe or bar behind the seat is mandatory. A 6" by 6" plate at the end of the pipe may be welded to the interior of the car behind the seat and the bars. You may connect the bar behind the seat with a bar on both the drivers and passenger side to make a 4 point box (X) style cage. No uprights may be attached from the cross pipes to the frame. A dash bar may also be installed. A roll cage may be installed which can run inside the car and may extend the uprights out the window and over the roof.

Fuel Pumps and Batteries:

1- Electric Fuel Pumps are allowed. Must have cutoff switch near steering wheel and all fuel lines should have double clamps.

2- Batteries should be located on passenger side floor board and secured and cannot be left in stock position under hood. Batteries should also be covered in some manner to protect the driver from breakage of battery.

Tires:

1- Tires no bigger than rim size of 16 inch (any ply) may be used. No split rims. No Foam filled or Doubled tires. Valve seam protectors allowed but do not screw tire to the rim. No "homemade" wheels, however wheels may be cut for larger hub size.

Brakes:

1- All cars must exhibit the ability to stop. If a car loses its braking ability it may be subject to disqualification.

Engines, transmissions and rear ends:

- 1- Any power train combination may be used in any car. You may cut a hole in the firewall to accommodate the engine within reason.
- 2- No holes will be allowed in the front floor of the car except to accommodate the transmission shifter, fuel lines, transmission lines and wiring. Patching holes is for safety not reinforcement; if patching rust holes you may weld sheet metal and 1" square tubing (for under support) only and not exceed 2" past where rust stops.
- 3- Motor mounts may be welded or chained; transmission and motors may be chained. Engine cradles are acceptable and permitted.

Doors, trunks and windows:

1. The doors, windows and trunk may be welded solid. Seams may be welded with a maximum of 1" wide 1/8" strap or 3/8" rebar. If your trunk lid or fender seams are within 1 inch of either bumpers, strap can be welded to join the two. Straps or rebar can be ran down trunk seam and welded to bumper also.
2. If you do not weld your doors you must chain at least twice per seam. You may not bolt your doors shut. If chaining, no chains may go thru or around the frame.
3. Drivers door may have window netting for driver's protection. No other window opening is allowed to have any form of window netting. Windshield should have bars welded in front of driver to prevent hood from hitting driver if it should come loose.

Body:

- 1- The fender wells may be cut and rewelded to obtain clearance. When rewelding, a piece of 1" strap or rebar may be used to attach cut metal together.
- 2- Body bolts may be replaced, and body bushings removed. Support bolts may have larger bolts installed.

Welding:

- 1- Allowable welding includes: bumper shocks, brackets and seams, motor mounts, safety pipes and doors, fixing floor panels, battery boxes, shifters. Factory seams on the frame can be rewelded. Subframes can be welded together and the use of a filler metal is also acceptable.
- 2- Hood should be held on either by using stock hinges, 2" angle iron (2 sets per side, 6 inches max in length each) with bolt through angle iron, or all thread connected to the frame, must be in 4 total locations.
- 3- You must have at least a total of a 12 inch hole minimum cut in the hood for fire purposes
- 4- Hood must be off or open during inspection.

Bumpers:

- 1- Bumpers are interchangeable. Any Automotive (Not truck) bumper and bumper brackets may be used on any car. If a small piece of angle iron, pipe or channel iron is needed to attach, please use best judgment before attaching.
2. You may weld the bumper seams, shocks and the brackets to the frame. If you choose not to use brackets, you may weld bumpers directly to the frame using rebar, pipe or angle iron if additional filler metal is needed.
- 3- Bumpers may be cut so they do not smash into the tires during the event: Bumpers may be flipped and also welded to body where they are within 1 inch of the body.
- 4- Compression bumper shocks may be drained, slid back into the shock and welded fully.

Frame:

- 1- Bumpers may be welded to the frame. Subframes may be welded together and the use of filler metal to attach them together is acceptable. Factory welds may be rewelded.
- 2- You may cut frames for minimal pre-bending, but may not weld the cut.
- 3- You may replace stock bolts and washers on outside of body and frame
4. No body bolt may extend below frame more than 2 inches.

Radiators & Radiator supports:

- 1- Radiators must stay in the stock position.
- 2-Electric fans, clutch fans or no fans may be utilized.

Transmission coolers:

- 1- Transmission coolers will be allowed and can be securely located inside of the car.
- 2- Rubber lines must be double clamped. Lines are recommended to be high temp/pressure type.
- 3- Transmission Cooler must be enclosed or covered.
- 4- Overall safety will be determined by officials at time of inspection.

Gas Tanks:

- 1- Original gas tanks must be removed from the car or at least a 6 inch hole cut in bottom of tank and tank emptied prior to arrival at the derby.
- 2- You must have gas tank securely mounted inside the car.

3- A maximum size of 6.5 gallons can be used: A marine type tank, fuel cell or gas tank should be used.

4- Overall safety will be determined by officials at time of inspection.

5. Factory Fuel tanks may be used inside to incorporate the use of the stock electric fuel pump. Please secure fuel tank inside car and only fill with approximately 6 gallons-DO NOT FILL!

Battery:

1- Maximum of 2 (two) 12-volt batteries may be used.

2- The batteries must be securely mounted inside the car in front of the passenger seat and covered.

3- Overall safety will be determined by officials at time of inspection.

Air Cleaners:

1- You must have an air cleaner over the carburetor at all times during the event.

2- There must be at least 12 inch opening cut in hood in case of a fire.

Suspension:

1- Springs must be of passenger car origin. NO TRUCK LEAF SPRINGS ALLOWED.

2-Torsion bars can be “turned up”, shims taken out of air arms or adjusted.

3- Rear ends may be chained to frame

4-A-arms can be welded down to eliminate suspension travel.